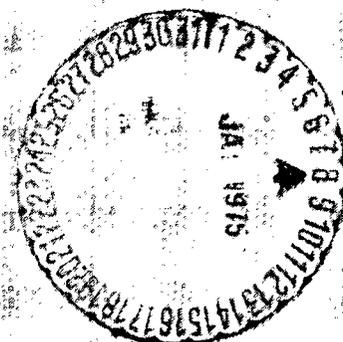
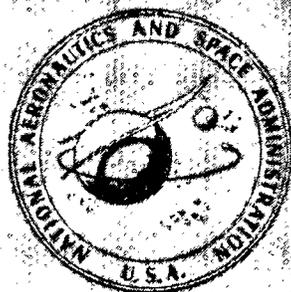


ATLAS OF SURVEYOR 5 TELEVISION DATA

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ATLAS OF SURVEYOR 5 TELEVISION DATA

By

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U.S. Geological Survey



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Preface

Surveyor 5 landed on the lunar surface at 00:46:44 GMT on September 11, 1967. The landing site was in Mare Tranquillitatis at 1.5° N and 23.2° E. The Surveyor 5 television camera was operated during 4 lunar days until December 17, 1967, and transmitted 18 873 pictures.

This atlas is a compendium of the Surveyor 5 television mosaics. It is divided into two main sections. The first consists of improved mosaics of panoramas and basic cartographic data used in investigating surface detail, and the second contains individual frame data, including photoindex mosaics and tabulations in which individual frames are identified. A short section containing a set of special-purpose mosaics assembled by the staff of the Jet Propulsion Laboratory is also included.

For those desiring more details about the Surveyor 5 mission, television data, or science results, a brief bibliography is included.

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Acknowledgments

The very considerable effort of cataloging and reducing Surveyor 5 television data, in near real-time during Surveyor mission operations, and the postmission job of refining and checking the television data for this atlas was performed by the U.S. Geological Survey's Surveyor Cartographic Team. Members of the team who participated in the Surveyor 5 data reduction, in addition to the authors, were Robert A. Henry, Jo Anne Jordan, Norbert L. Langbecker, William E. Miller, V. Stephen Reed, and Kenneth L. Stice.

The authors wish to express their gratitude to Henry Alcott and James A. Spitzer, who built the physical model of the Surveyor 5 landing site and prepared it for final surfacing; to Jo Anne Jordan, who checked and cataloged the photometric and colorimetric television data; and to Charlotte A. Wheeler, who performed the required custom photoprocessing on each frame in the improved mosaics.

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Availability of Surveyor Pictures

Photographic reproductions of the mosaics and individual frames illustrated or listed in this atlas are available to investigators in the United States from the National Space Science Data Center (NSSDC):

National Space Science Data Center
Code 601.4
Goddard Space Flight Center
Greenbelt, Md. 20771
Telephone: (301) 982-6695

These same data are available to investigators outside the United States through World Data Center A (WDC A) for Rockets and Satellites. This WDC A subcenter is located contiguous to NSSDC at NASA Goddard Space Flight Center:

World Data Center A for Rockets and Satellites
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Greenbelt, Md. 20771
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Telephone: (301) 982-6695

The NSSDC has been provided with original 70-mm negatives of all individual Surveyor 5 television pictures, original 35-mm negatives of selected Surveyor 5 pictures that were digitally processed to reduce glare, blemish, and other photographic defects, and original 4- by 5-in. negatives of all mosaics shown in this atlas. Reproductions may be obtained as direct positive or negative copies on film, direct positive copies on paper, or as enlarged paper prints (8- by 10-in. prints of individual frames and 16- by 20-in. prints of mosaics).

To obtain reproductions, investigators should inform NSSDC (or WDC A) of their needs and identify the nature of their study; their affiliation with a scientific organization, university, or company; and any contracts they may have with the Government for performance of the investigation.

When ordering mosaics or individual photographs the following must be identified: mission number (Surveyor 5), GMT or mosaic identification numbers, and the form of reproduction desired (positive or negative film transparencies or positive contact or enlarged paper prints).

As resources permit, limited quantities of reproductions will be furnished for scientific use without charge. When it is necessary to make a charge, a quotation of costs will be provided before filling the request.

Requests for Surveyor 5 photographs for purposes other than scientific research should be directed to the Office of Public Affairs, Goddard Space Flight Center, Code 202, Greenbelt, Md., 20771, United States of America.

Contents

	Page
PREFACE	iii
ACKNOWLEDGMENTS	v
AVAILABILITY OF SURVEYOR PICTURES	vii
THE SURVEYOR 5 MISSION	1
IMPROVED MOSAICS AND CARTOGRAPHIC REPRESENTATION	5
<i>Raymond M. Batson, Raymond Jordan, and Kathleen B. Larson</i>	
SURVEYOR 5 TELEVISION PICTURE DATA	109
<i>Raymond M. Batson and Kathleen B. Larson</i>	
Categories of Pictures	109
Photoindex Mosaics	117
Frame Identification Data	313
SPECIAL MOSAICS	563
BIBLIOGRAPHY	593

LIST OF FIGURES

1	The Surveyor 5 spacecraft in its landed configuration	2
2	Cutaway view of the Surveyor 5 television camera	3
3	Diagram of the Surveyor spherical mosaic analog	6
4	Physical model of the Surveyor 5 landing site	8
5(a)	Survey F far-field segment, looking west-northwest (USGS 369-501)	10
5(b)	Physical model of the foreground of figure 5(a)	11
6(a)	Survey F far-field segment, looking northwest (USGS 369-502)	12
6(b)	Physical model of the foreground of figure 6(a)	13
7(a)	Survey F far-field segment, looking north-northwest (USGS 369-503)	14
7(b)	Physical model of the foreground of figure 7(a)	15
8(a)	Survey F far-field segment, looking north (USGS 369-504)	16
8(b)	Physical model of the foreground of figure 8(a)	17
9(a)	Survey F far-field segment, looking north-northeast (USGS 369-505)	18
9(b)	Physical model of the foreground of figure 9(a)	19
10(a)	Survey F far-field segment, looking northeast (USGS 369-506)	20
10(b)	Physical model of the foreground of figure 10(a)	21
11(a)	Survey F far-field segment, looking east-northeast (USGS 369-513)	22
11(b)	Physical model of the foreground of figure 11(a)	23
12(a)	Survey F far-field segment, looking east (USGS 369-514)	24
12(b)	Physical model of the foreground of figure 12(a)	25
13(a)	Survey F far-field segment, looking east-southeast (USGS 369-515)	26
13(b)	Physical model of the foreground of figure 13(a)	27
14(a)	Survey F far-field segment, looking southeast (USGS 369-520)	28
14(b)	Physical model of the foreground of figure 14(a)	29
15(a)	Survey F far-field segment, looking south-southeast (USGS 369-522)	30
15(b)	Physical model of the foreground of figure 15(a)	31

Figure	Page
16(a) Survey F far-field segment, looking south (USGS 369-523)	32
16(b) Physical model of the foreground of figure 16(a)	33
17 Survey F, far-field segment, looking south-southwest (USGS 369-524) . . .	34
18 Spherical mosaic of the northern half of survey F (USGS 369-550)	35
19 Spherical mosaic of the eastern half of survey F (USGS 369-552)	36
20 Spherical mosaic of the southern half of survey F (USGS 369-551)	37
21(a) Survey F, near-field segment (USGS 369-507)	38
21(b) Physical model of the surface of figure 21(a)	39
22(a) Survey F, near-field segment (USGS 369-508)	40
22(b) Physical model of the surface of figure 22(a)	41
23(a) Survey F, near-field segment (USGS 369-509)	42
23(b) Physical model of the surface of figure 23(a)	43
24(a) Survey F, near-field segment (USGS 369-510)	44
24(b) Physical model of the surface of figure 24(a)	45
25(a) Survey F, near-field segment (USGS 369-516)	46
25(b) Physical model of the surface of figure 25(a)	47
26(a) Survey F, near-field segment (USGS 369-517)	48
26(b) Physical model of the surface of figure 26(a)	49
27(a) Survey F, near-field segment (USGS 369-518)	50
27(b) Physical model of the surface of figure 27(a)	51
28(a) Survey J far-field segment, looking west (USGS 369-526)	52
28(b) Physical model of the foreground of figure 28(a)	53
29(a) Survey J far-field segment, looking west-northwest (USGS 369-527)	54
29(b) Physical model of the foreground of figure 29(a)	55
30(a) Survey J far-field segment, looking northwest (USGS 369-528)	56
30(b) Physical model of the foreground of figure 30(a)	57
31(a) Survey J near-field segment (USGS 369-529)	58
31(b) Physical model of the surface of figure 31(a)	59
32(a) Survey J, near-field segment (USGS 369-530)	60
32(b) Physical model of the surface of figure 32(b)	61
33 Survey J, far-field segment, looking south-southwest (USGS 369-525)	62
34 Spherical mosaic of the western part of survey J (USGS 369-553)	63
35(a) Survey L far-field segment, looking northwest (USGS 369-531)	64
35(b) Physical model of the foreground of figure 35(a)	65
36(a) Survey L far-field segment, looking north-northwest (USGS 369-532) . . .	66
36(b) Physical model of the foreground of figure 36(a)	67
37(a) Survey L far-field segment, looking north (USGS 369-533)	68
37(b) Physical model of the foreground of figure 37(a)	69
38(a) Survey L far-field segment, looking north-northeast (USGS 369-534)	70
38(b) Physical model of the foreground of figure 38(a)	71
39(a) Surveys K and L, combined far-field segment, looking northeast (USGS 369-539)	72
39(b) Physical model of the foreground of figure 39(a)	73
40(a) Survey K far-field segment, looking east-northeast (USGS 369-540)	74
40(b) Physical model of the foreground of figure 40(a)	75
41(a) Survey K far-field segment, looking east (USGS 369-541)	76
41(b) Physical model of the foreground of figure 41(a)	77
42(a) Survey K far-field segment, looking east-southeast (USGS 369-542)	78
42(b) Physical model of the foreground of figure 42(a)	79
43(a) Survey K far-field segment, looking southeast (USGS 369-535)	80
43(b) Physical model of the foreground of figure 43(a)	81
44(a) Survey K far-field segment, looking south-southeast (USGS 369-536)	82
44(b) Physical model of the foreground of figure 44(a)	83

Figure	Page
45(a) Survey K far-field segment, looking south (USGS 369-537)	84
45(b) Physical model of the foreground of figure 45(a)	85
46 Survey K, far-field segment, looking south-southwest (USGS 369-538) . . .	86
47 Spherical mosaic of the northern part of survey F (USGS 369-554)	87
48 Spherical mosaic of the eastern part of survey F (USGS 369-555)	88
49 Spherical mosaic of the southern part of survey F (USGS 369-556)	89
50(a) Survey L, near-field segment (USGS 369-548)	90
50(b) Physical model of the surface of figure 50(a)	91
51(a) Surveys L and K combined, near-field segment (USGS 369-544)	92
51(b) Physical model of the surface of figure 51(a)	93
52(a) Surveys L and K combined, near-field segment (USGS 369-549)	94
52(b) Physical model of the surface of figure 52(a)	95
53(a) Surveys L and K combined, near-field segment (USGS 369-545)	96
53(b) Physical model of the surface of figure 53(a)	97
54(a) Surveys L and K combined, near-field segment (USGS 369-546)	98
54(b) Physical model of the surface of figure 54(a)	99
55(a) Survey K, near-field segment (USGS 369-547)	100
55(b) Physical model of the surface of figure 55(a)	101
56 The Surveyor 5 horizon (USGS 369-560, 369-562, 369-563, 369-564, 369-565, 369-566)	102
57 Narrow-angle mode survey panorama sequence	110
58 Wide-angle survey panorama sequence	113
59 Wide-angle picture of a special mirror used to view the lunar surface under crush block three (GMT 263 11:46:49)	114
60 Footpad three, second lunar day (GMT 295 96:34:12)	115
61 Solar corona from Surveyor 5 (GMT 267 11:08:32)	115
62 The Surveyor 5 alpha scattering instrument (GMT 258 09:32:55)	116
63 Bar magnet on footpad two with accumulation of material (GMT 266 09:54:20)	116
64 Frame listing order in photoindexes of narrow-angle pictures	118
65 Day 254 standard sequence (USGS 868-315)	119
66 Day 254 survey W-A (USGS 868-233)	120
67 Day 254, survey W-B (USGS 868-260)	122
68 Day 256, survey W-C (USGS 868-313)	124
69 Day 257, survey W-D (USGS 868-302)	126
70 Day 258, survey W-E (USGS 868-218)	128
71 Day 259, survey W-F (USGS 868-255)	130
72 Day 259, survey W-G (USGS 868-264)	132
73 Day 259, survey W-H (USGS 868-303)	133
74 Day 259, survey W-I (USGS 868-299)	134
75 Day 261, survey W-J (USGS 868-232)	136
76 Day 261, survey W-K, green filter (USGS 868-267)	138
77 Day 261, survey W-L, blue filter (USGS 868-205)	139
78 Day 261, survey W-M, red filter (USGS 868-196)	140
79 Day 262, survey W-N (USGS 868-311)	142
80 Day 263, survey W-P (USGS 868-236)	144
81 Day 263, survey W-Q (USGS 868-316)	146
82 Day 264, survey W-R (USGS 868-245)	148
83 Day 264, survey W-S, green filter (USGS 868-209)	150
84 Day 264, survey W-T, blue filter (USGS 868-275)	151
85 Day 264, survey W-U, red filter (USGS 868-235)	152
86 Day 265, survey W-V (USGS 868-328)	154
87 Day 265, survey W-W (USGS 868-310)	156

Figure		Page
88	Day 266, survey W-X (USGS 868-333)	158
89	Day 266, survey W-Y (USGS 868-283)	160
90	Day 266, survey W-Z (USGS 868-308)	162
91	Day 255, survey A, sectors 7 and 8 (USGS 868-197)	164
92	Day 255, survey A, sectors 9 and 10 (USGS 868-198)	166
93	Day 255, survey A, sectors 11 and 12 (USGS 868-199)	168
94	Day 255, survey A, sectors 13 and 14 (USGS 868-201)	170
95	Day 255, survey A, sectors 15 and 16 (USGS 868-202)	172
96	Day 255, survey A, sectors 17 and 18 (USGS 868-203)	174
97	Day 255, survey A, sector 19 (USGS 868-204)	176
98	Day 256, survey B, sectors 9 and 10 (USGS 868-301)	178
99	Day 256, survey B, sectors 11 and 12 (USGS 868-217)	180
100	Day 257, survey C, sectors 9 and 10 (USGS 868-220)	182
101	Day 257, survey C, sectors 11 and 12 (USGS 868-211)	184
102	Day 257, survey C, sectors 13 and 14 (USGS 868-340)	186
103	Day 257, survey C, sector 15 (USGS 868-206)	188
104	Day 258, survey D, sectors 5 and 6 (USGS 868-230)	190
105	Day 258, survey D, sectors 7 and 8 (USGS 868-229)	192
106	Day 258, survey D, sector 16 (USGS 868-231)	194
107	Day 258, survey D, sectors 17 and 18 (USGS 868-277)	196
108	Day 258, survey D, sector 19 (USGS 868-226)	198
109	Day 259, survey E, sectors 9 and 10 (USGS 868-208)	200
110	Day 259, survey E, sectors 11 and 12 (USGS 868-210)	202
111	Day 259, survey E, sectors 13 and 14 (USGS 868-214)	204
112	Day 259, survey E, sectors 15 and 16 (USGS 868-223)	206
113	Day 259, survey E, sectors 17 and 18 (USGS 868-225)	208
114	Day 259, survey E, sector 19 (USGS 868-226)	210
115	Day 263, survey F, sectors 1 and 2 (USGS 868-253)	211
116	Day 263, survey F, sectors 3 and 4 (USGS 868-286)	212
117	Day 263, survey F, sectors 5 and 6 (USGS 868-309)	213
118	Day 263, survey F, sectors 7 and 8 (USGS 868-282)	214
119	Day 263, survey F, sectors 9 and 10 (USGS 868-314)	216
120	Day 263, survey F, sectors 11 and 12 (USGS 868-339)	218
121	Day 263, survey F, sectors 13 and 14 (USGS 868-332)	220
122	Day 263, survey F, sectors 15 and 16 (USGS 868-234)	222
123	Day 263, survey F, sectors 17 and 18 (USGS 868-326)	224
124	Day 263, survey F, sector 19 (USGS 868-273)	226
125	Day 264, survey G, sectors 1 and 2 (USGS 868-249)	228
126	Day 264, survey G, sectors 3 and 4 (USGS 868-252)	229
127	Day 264, survey G, sectors 5 and 6 (USGS 868-279)	230
128	Day 264, survey G, sectors 7 and 8 (USGS 868-221)	232
129	Day 264, survey G, sectors 9 and 10 (USGS 868-330)	234
130	Day 264, survey G, sectors 11 and 12 (USGS 868-215)	236
131	Day 264, survey G, sectors 13 and 14 (USGS 868-285)	238
132	Day 264, survey G, sectors 15 and 16 (USGS 868-318)	240
133	Day 264, survey G, sectors 17 and 18 (USGS 868-259)	242
134	Day 264, survey G, sector 19 (USGS 868-287)	244
135	Day 265, survey H, sectors 1 and 2 (USGS 868-296)	246
136	Day 265, survey H, sectors 3 and 4 (USGS 868-227)	247
137	Day 265, survey H, sector 16 (USGS 868-293)	248
138	Day 265, survey H, sectors 17 and 18 (USGS 868-322)	249
139	Day 265, survey H, sector 19 (USGS 868-292)	250
140	Day 265, survey I, sectors 1 and 2 (USGS 868-324)	252

Figure		Page
141	Day 265, survey I, sectors 3 and 4 (USGS 868-325)	253
142	Day 265, survey I, sectors 5 and 6 (USGS 868-280)	254
143	Day 265, survey I, sectors 7 and 8 (USGS 868-224)	256
144	Day 265, survey I, sectors 9 and 10 (USGS 868-284)	258
145	Day 265, survey I, sectors 11 and 12 (USGS 868-212)	260
146	Day 265, survey J, sectors 13 and 14 (USGS 868-319)	262
147	Day 265, survey J, sectors 15 and 16 (USGS 868-263)	264
148	Day 265, survey J, sectors 17 and 18 (USGS 868-237)	266
149	Day 265, survey J, sector 19 (USGS 868-341)	268
150	Day 266, survey K, sectors 1 and 2 (USGS 868-222)	270
151	Day 266, survey K, sectors 3 and 4 (USGS 868-250)	271
152	Day 266, survey K, sectors 5 and 6 (USGS 868-228)	272
153	Day 266, survey K, sectors 7 and 8 (USGS 868-216)	274
154	Day 266, survey K, sectors 9 and 10 (USGS 868-320)	276
155	Day 266, survey K, sectors 11 and 12 (USGS 868-243)	278
156	Day 266, survey L, sectors 13 and 14 (USGS 868-240)	280
157	Day 266, survey L, sectors 15 and 16 (USGS 868-305)	282
158	Day 266, survey L, sectors 17 and 18 (USGS 868-336)	284
159	Day 267, survey L, sector 19 (USGS 868-312)	286
160	Day 267, survey M, sectors 3 and 4 (USGS 868-241)	287
161	Day 267, survey M, sectors 5 and 6 (USGS 868-246)	288
162	Day 267, survey M, sectors 7 and 8 (USGS 868-251)	289
163	Day 267, survey M, sectors 9 and 10 (USGS 868-244)	290
164	Day 267, survey M, sectors 11 and 12 (USGS 868-304)	291
165	Day 267, survey M, sectors 13 and 14 (USGS 868-300)	292
166	Day 267, survey M, sector 15 (USGS 868-262)	293
167	Day 267, survey N, sectors 3 and 4 (USGS 868-243)	294
168	Day 267, survey N, sectors 5 and 6 (USGS 868-238)	295
169	Day 267, survey N, sectors 7 and 8 (USGS 868-338)	296
170	Day 267, survey N, sectors 9 and 10 (USGS 868-276)	297
171	Day 267, survey N, sectors 11 and 12 (USGS 868-276)	298
172	Day 267, survey N, sectors 13 and 14 (USGS 868-323)	299
173	Day 267, survey N, sector 15 (USGS 868-323)	300
174	Day 267, survey N, sectors 15 and 16 (USGS 868-265)	301
175	Day 267, survey N, sectors 17 and 18 (USGS 868-265)	302
176	Day 267, survey P, sectors 3 and 4 (USGS 868-334)	303
177	Day 267, survey P, sectors 5 and 6 (USGS 868-307)	304
178	Day 267, survey P, sectors 7 and 8 (USGS 868-247)	305
179	Day 267, survey P, sectors 9 and 10 (USGS 868-207)	306
180	Day 267, survey P, sectors 11 and 12 (USGS 868-207)	307
181	Day 267, survey P, sectors 13 and 14 (USGS 868-306)	308
182	Day 267, survey P, sector 15 (USGS 868-306)	309
183	Day 267, survey Q, sectors 5 and 6 (USGS 868-239)	310
184	Day 267, survey Q, sectors 7 and 8 (USGS 868-219)	311
185	Day 267, survey Q, sectors 9 and 10 (USGS 868-219)	312
186	Panorama segment, looking southwest (camera azimuth -180° to -216°) (JPL 211-3451B)	564
187	Panorama segment, looking south (camera azimuth -144° to -180°) (JPL 211-3451A)	565
188	Panorama segment, looking south-southeast (camera azimuth -108° to -144°) (JPL 211-3450B)	566
189	Panorama segment, looking southeast (camera azimuth -72° to -108°) (JPL 211-3450A)	567

Figure	Page
190	Panorama segment, looking east (camera azimuth -36° to -72°) (JPL 211-3449B) 568
191	Panorama segment, looking northeast (camera azimuth 0° to -36°) (JPL 211-3449A) 569
192	Panorama segment, looking north (camera azimuth 0° to 36°) (JPL 211-3448B) 570
193	Panorama segment, looking north-northwest (camera azimuth 36° to 72°) (JPL 211-3448A) 571
194	Panorama segment, looking northwest (camera azimuth 72° to 108°) (JPL 211-3447B) 572
195	Panorama segment, looking west (camera azimuth 108° to 126°) (JPL 211-3447) 573
196	Panoramic mosaic of figures 186 through 195 (JPL 211-3461) 574
197	Lunar surface between footpads two and three. The mosaic consists of wide-angle pictures from survey W-B. (JPL 211-1995) 575
198	Vicinity of the alpha scattering instrument just before the vernier erosion experiment.—The mosaic consists of narrow-angle pictures from survey A. (JPL 211-1998) 576
199	Vicinity of the alpha scattering instrument after the vernier erosion experiment. The mosaic consists of narrow-angle pictures from survey C. (JPL 211-1999) 577
200	Vicinity of footpad two. The mosaic consists of narrow-angle pictures from survey A. (JPL 211-2000) 578
201	Vicinity of footpad two. The mosaic consists of narrow-angle pictures from survey B. (JPL 211-2001) 579
202	Skid mark made by footpad two. The mosaic is part of special survey B and consists of narrow-angle frames 256 003227 through 256 003447. (JPL 211-2025B) 580
203	Skid mark made by footpad two. The mosaic consists of wide-angle pictures 257 043822 and 257 561131. (JPL 211-2023A) 580
204	Skid mark made by footpad two. The mosaic consists of narrow-angle pictures from survey D. (JPL 211-2040B) 581
205	Vicinity of footpad three. The mosaic consists of narrow-angle pictures from special survey B. (JPL 211-2024B) 582
206	Vicinity of footpad three. The mosaic consists of narrow-angle pictures from survey D. (JPL 211-2003) 582
207	Vicinity of footpad three. The mosaic consists of narrow-angle pictures from survey G. (JPL 211-2024A) 583
208	Vicinity of footpad three. The mosaic is part of survey W-P and consists of wide-angle frames 263 065237 and 263 065310. (JPL 211-2039) 583
209	Lunar surface under crush block three. The mosaic is part of mirror survey A and consists of narrow-angle frames 255 024709 through 255 025121. (JPL 211-2004) 584
210	Lunar surface under crush block three. The mosaic is part of mirror survey B and consists of narrow-angle frames 256 011537 through 256 012344, which were taken just before the vernier erosion experiment. (JPL 211-1996) 584
211	Lunar surface under crush block three. The mosaic is part of mirror survey C and consists of narrow-angle frames 256 073340 through 256 073417, which were taken immediately after the vernier erosion experiment. (JPL 211-1997) 585

Figure		Page
212	Lunar surface under crush block three. The mosaic is part of mirror survey I and consists of narrow-angle frames 263 114713 through 263 114744. (JPL 211-2002)	585
213	Lunar surface under crush block three. The mosaic is part of mirror survey L and consists of narrow-angle frames 265 140849 through 265 140929. (JPL 211-2023B)	586
214	Lunar surface under crush block three. The mosaic is part of mirror survey N and consists of narrow-angle frames 266 002854 through 266 002928. (JPL 211-2025A)	586
215	Vicinity of vernier engine three. The mosaic is part of special survey A and consists of narrow-angle frames 255 005858 through 255 005919. (JPL 211-2021B)	587
216	Vicinity of vernier engine three. The mosaic is part of special survey B and consists of narrow-angle frames 256 004332 through 256 004350. (JPL 211-2022)	587
217	Vicinity of vernier engine three. The mosaic is part of special survey F and consists of narrow-angle frames 263 095947 through 263 095957. (JPL 211-2020A)	588
218	Vicinity of vernier engine three. The mosaic is part of special survey J and consists of narrow-angle frames 264 053631 through 264 053741. (JPL 211-2020B)	588
219	Vicinity of vernier engine three. Mosaic is part of special survey K and consists of narrow-angle pictures 265 053657 through 265 053741. (JPL 211-2021A)	589
220	Vicinity of vernier engine three. Mosaic is part of special survey L and consists of narrow-angle pictures 265 133649 through 265 133730. (JPL 211-2051)	589
221	Lunar surface near the helium tank. Mosaic consists of narrow-angle pictures 255 050737 through 255 052623, which are part of survey A. (JPL 211-3384A)	590
222	Lunar surface near the helium tank. Mosaic consists of narrow-angle pictures 257 071629 through 257 071738, which are part of survey C. (JPL 211-3385A)	591

LIST OF TABLES

I	Categories of Surveyor 5 pictures	117
II	Photographic parameters on the Surveyor 5 television camera	313
III	Corrections applied to telemetered data with respect to survey type	314
IV	List of all Surveyor 5 television pictures by survey type	315
V	Chronological list of all Surveyor 5 television pictures	373
VI	List of all Surveyor 5 television pictures by azimuth and elevation	480
VII	Conversion of camera coordinates to a lunar datum	537

The Surveyor 5 Mission

A detailed discussion of the Surveyor 5 mission, hardware, and preliminary scientific results is presented in the publications listed in the bibliography. Details of the mission will not be discussed here, except where necessary to provide a basic understanding of the television data.

The Surveyor 5 spacecraft is a triangular structure of aluminum tubing upon which is mounted the necessary hardware for soft-landing on the lunar surface, scientific instrument packages including the television camera, and the electronic components necessary for the reception and execution of commands from Earth and the transmission of television signals and telemetry data to Earth. The primary source of power during lunar surface operations was a panel of solar cells that could be oriented on command from Earth. Rechargeable silver-zinc batteries were used for energy storage and to accommodate peak loads. Figures 1(a) and (b) show the landed configuration of the Surveyor 5 spacecraft.

The camera on Surveyor 5 is a slow-scan vidicon television camera mounted rigidly on the spacecraft (fig. 2). The lens is aimed upward along a line 16° from the vertical axis of the spacecraft. The line of sight of the camera is varied by a rotatable mirror mounted above the lens. Focal length was variable on command from Earth but was always used in the end positions of 25 or 100 mm. The range of other camera parameters is shown in table II. All camera parameter changes were commanded from Earth, in systematic sequences, resulting in a set of television pictures of the entire panorama visible to the spacecraft, and of parts of the spacecraft itself, under various conditions of illumination. As an aid to sorting this tremendous volume of pictorial data, the parameters for each television picture were telemetered to Earth with the video signal.

The Surveyor 5 camera focus was adjusted during early picture-taking surveys for a perfectly flat surface at the landing site. It was apparent very early in the mission that this was definitely not the case—the spacecraft had actually landed in a small crater. Each time a focus-ranging survey was run, real-time analysis was used to develop a focus model of the landing site for survey focus command updating. Most narrow-angle pictures taken early in the mission are, therefore, badly out of focus. Focus quality improved steadily during the lunar day as the model was improved, and was generally excellent in pictures taken during the lunar afternoon and evening.

Experiments supported by television that were performed during the Surveyor 5 mission, in addition to the television experiment itself, included the measurement of the chemical composition of the surface by means of the alpha scattering instrument (fig. 62) and the measurement of magnetic particle content of the fragmental material by means of a bar magnet on the

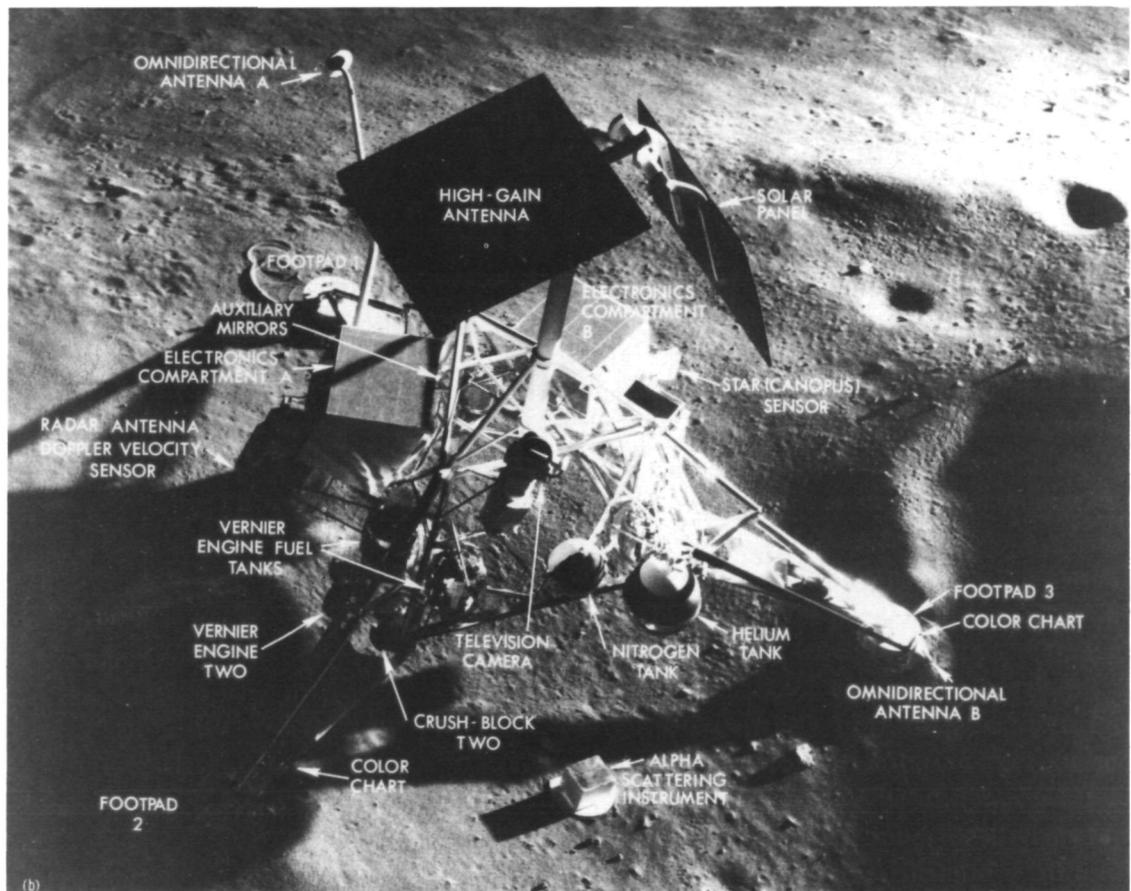
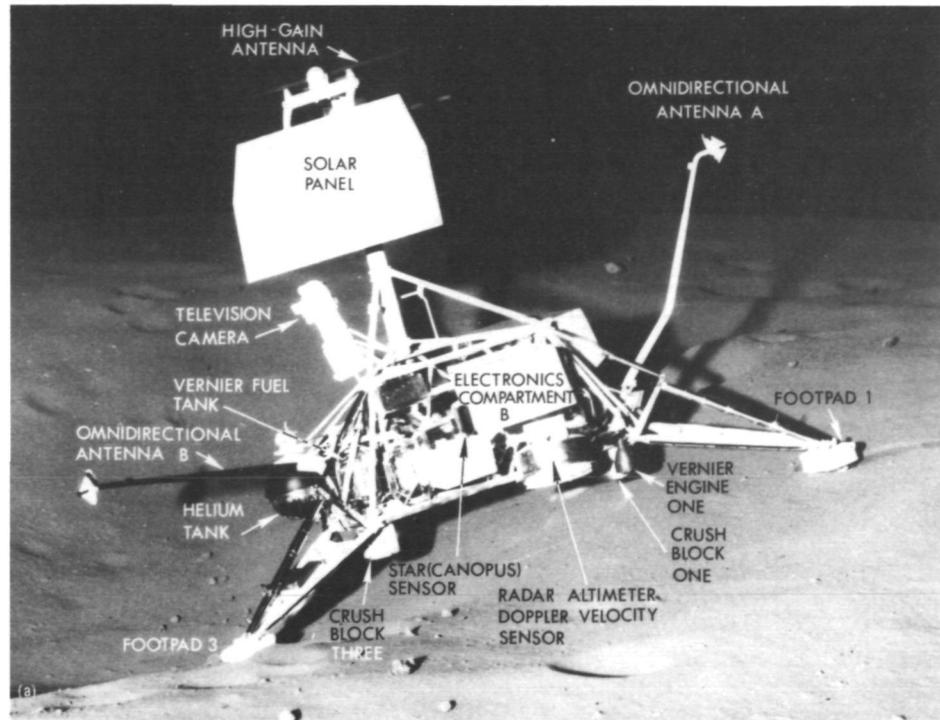


Figure 1.—The Surveyor 5 spacecraft in its landed configuration. (a) Side view. (b) Top view.

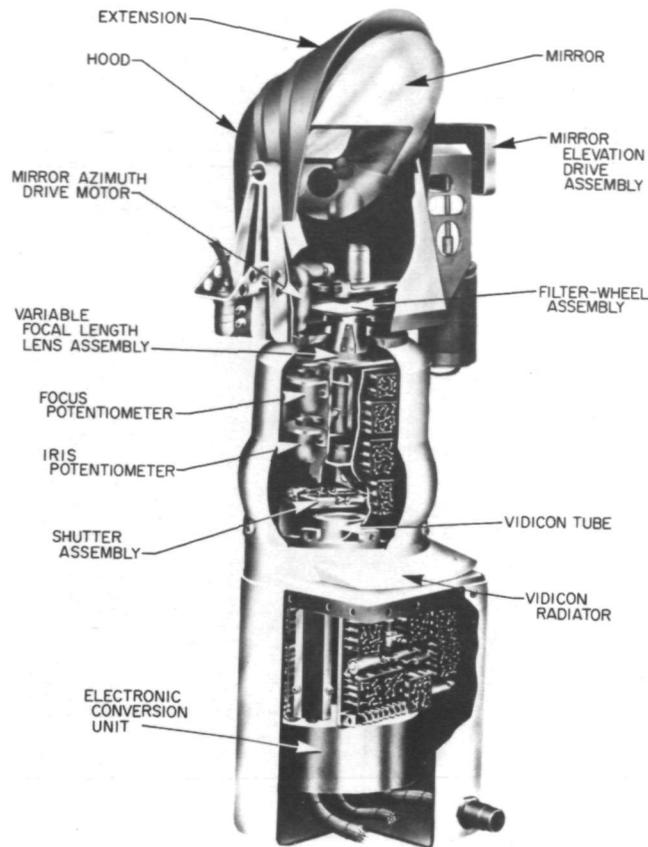


Figure 2.—Cutaway view of the Surveyor 5 television camera.

spacecraft footpad (fig. 63). Engineering studies were made of the interaction of spacecraft parts with the lunar surface. These included studies of pictures of skid marks and ejecta patterns produced during landing by spacecraft footpads or by the crushable blocks (figs. 1(a) and (b)) at the base of each leg and of erosion produced by a short burst of exhaust from the vernier engines. (The latter experiment was performed on day 256, 2 days after touchdown.) Some of the surface areas important to the studies were not directly visible to the camera and hence were viewed with mirrors strategically placed on the spacecraft.

A few hours before lunar sunset, as the crater in which Surveyor 5 landed filled with shadow, low temperatures caused the gas in the shock absorbers on legs two and three to contract. The legs collapsed, tilting the spacecraft an additional 1.9° toward the northeast. Images of the surface were therefore shifted slightly from their previous locations in each picture.

Television pictures were taken during the first, second, and fourth lunar days of the Surveyor 5 mission. The camera operated perfectly until about 14 hr before sunset on the first lunar day when the focus setting became stuck at step 37 (4.42 m), the focal length at 100 mm, and the filter in the no. 2 (green) position. Surveys of the eastern horizon at sunset (fig. 56) and pictures of the solar corona (fig. 61) were still possible, although focus was poor with iris settings wider than $f/11$. When the camera was operated on the

second lunar day, the above anomalies were absent, but the video signal had extremely low amplitude. This was partially offset by additional amplification of the video signal at the Goldstone tracking station, but overall picture quality was generally low after the first lunar day. (See fig. 60, for example.) It should be emphasized that the spacecraft was never really expected to survive the lunar night, and the acquisition of any spacecraft signal at all after the first lunar night was remarkable.

Improved Mosaics and Cartographic Representation

Raymond M. Batson, Raymond Jordan, and Kathleen B. Larson

The mosaics in this section were compiled for interpretive work from the best negatives available from the Jet Propulsion Laboratory. Each print in each mosaic was custom-processed to reduce edge effects, but it was not possible to eliminate entirely the edge effects caused by shading in the television camera and in the television recording system, particularly in pictures with low contrast.

The compilation of mosaics suitable for this atlas posed some of the same problems encountered in classical cartography. Maps of large areas of Earth are distorted by flattening a section of the sphere; similarly, flat mosaics of large areas of a Surveyor panorama cannot be made without distortion. Narrow-angle pictures taken with cameras like the one on Surveyor 5 can be made into panoramic mosaics on the inside of a spherical surface, however (fig. 3). Flat mosaics of bands of pictures lying along great circles of the sphere can also be made with negligible distortion. The wider the band of pictures, however, the more distorted the mosaic becomes, until images on overlapping pictures cannot be made to match even approximately.

Two different coordinate systems must be considered in dealing with Surveyor pictures because of random camera orientation with respect to the lunar surface. Camera coordinates are expressed in terms of "camera azimuth" and "camera elevation." Camera azimuth is the amount of rotation of the centerline of a picture about the optic axis of the camera with respect to a fixed zero reference. (Bear in mind that the camera optic axis points "upward" and its line of sight is redirected by a mirror that rotates about the optic axis.) Camera elevation is the angle between the centerline of any picture and a plane perpendicular to the optic axis of the camera. Lunar coordinates are expressed in terms of "lunar azimuth" and "vertical angle." Lunar azimuth is an angle clockwise from lunar north. Vertical angle is an angle above or below a level plane (i.e., a plane perpendicular to the lunar radius at the point under consideration). A coordinate system defined by the spacecraft exists but need not be considered here because it has no bearing on the television data.

The image of the horizon in a spherical mosaic is a great circle that coincides with the equator, or 0° camera elevation, only if the camera is level (i.e., if the coordinate systems previously discussed coincide). The Surveyor 5 camera was tilted 31.1° , however; and the image of its horizon is therefore

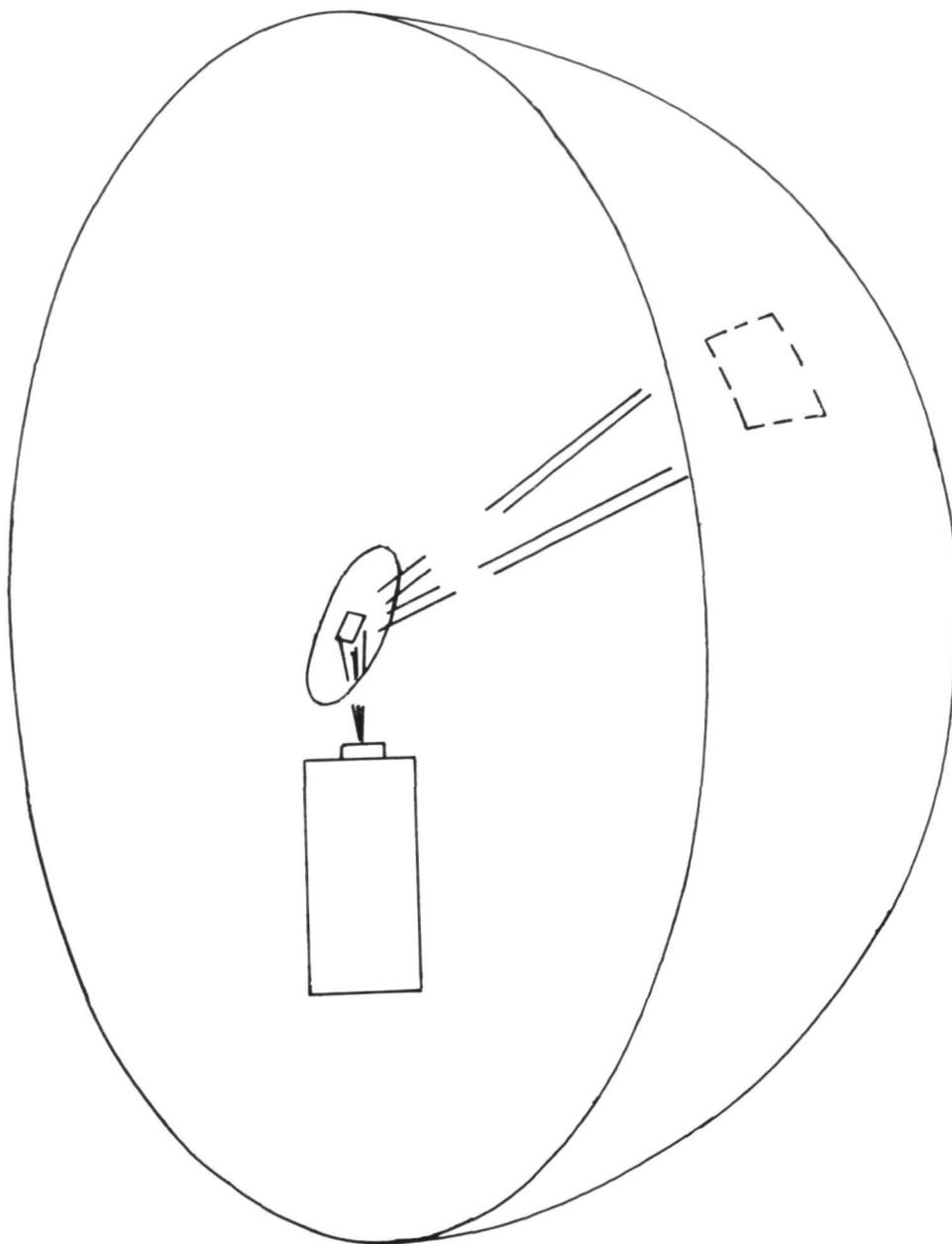


Figure 3.—Diagram of the Surveyor spherical mosaic analog. The field of view of the camera forms a square of constant size on a surface at a constant distance from the camera for a given focal length lens.

a great circle that is rotated 31.1° from the equator of the sphere. The flat mosaics in the next part of this book were made solely with reference to camera coordinates; the horizon in these mosaics is therefore sinusoidal with an amplitude of 31.1° .

The mosaic formats used in this atlas were selected for their usefulness at page size. Mosaics 369-550 through 369-556 are photographs of sections of hemispherical mosaics. Mosaics 369-560 through 369-566 are photographs

of sections of flat mosaics consisting of bands of pictures along the Surveyor 5 horizon.

The hemispherical mosaics were photographed with a 4- by 5-in. camera with a 90-mm $f/8$ lens placed so that its entrance pupil was as near as possible to the center of the hemisphere. The result is approximately the same geometrically as would be produced by using the same camera on the Moon with its lens located at the axis of mirror rotation on the Surveyor 5 television camera. The mosaic copies cannot be joined together exactly to form a panorama because of differential scale variations caused by the point-perspective geometry of the mosaic copies. For this reason, each sector of each hemisphere was copied in such a way that it overlaps at least 50 percent of the adjacent sector. Every part of the surface, therefore, appears in at least two of the mosaics.

Most of the spacecraft parts that appear in the pictures are so close to the camera that the change in perspective caused by rotation of the camera mirror results in pictures with significant image shift due to parallax. When these pictures are placed in their correct location in a mosaic, the images of the nearby structures will not match. The closer the structure to the camera, the greater the mismatch must be. Spacecraft parts appearing in the mosaics therefore appear somewhat disconnected.

Sectors of hemispherical mosaics have been designated as either "near field" or "far field." Far-field sectors are approximately bisected by the horizon. Their horizontal angular coverage is about 49° , and they extend vertically about 35° below the horizon. Near-field mosaics cover an angular field of approximately 49° by 59° .

As an aid to visualizing sizes and spatial relationships of lunar surface features appearing in the mosaics, a physical model of the Surveyor 5 landing site was built and photographed for this atlas (fig. 4). Photographs of appropriate sections of the model accompany most near- and far-field mosaics. The basic horizontal and vertical topographic controls for the model were derived by a method called "focus ranging" in which areas in the television pictures in sharpest focus are assumed to be at the calibrated focus distance. A set of approximately 350 such vectors, each defined by focus settings and camera pointing angles, was assumed to define the lunar topography in the immediate vicinity of Surveyor 5. The model was surfaced with a mixture of crushed volcanic cinders and basalt chips matching the size-frequency distribution observed in the Surveyor 5 pictures. The largest basalt chips in this mixture would be approximately 4 cm in diameter at a scale of 1:1. Observed fragments larger than this were placed in their correct map positions. Craters and other topographic features were mapped if they were larger than 4 cm (at 1:1), but resolution and interpretation of features smaller than this was so difficult that not even a statistical distribution was attempted. The fine structure of the model surface therefore appears abnormally smooth.

Since lunar surface illumination could not be duplicated precisely because of mechanical and photographic problems, the model was illumi-

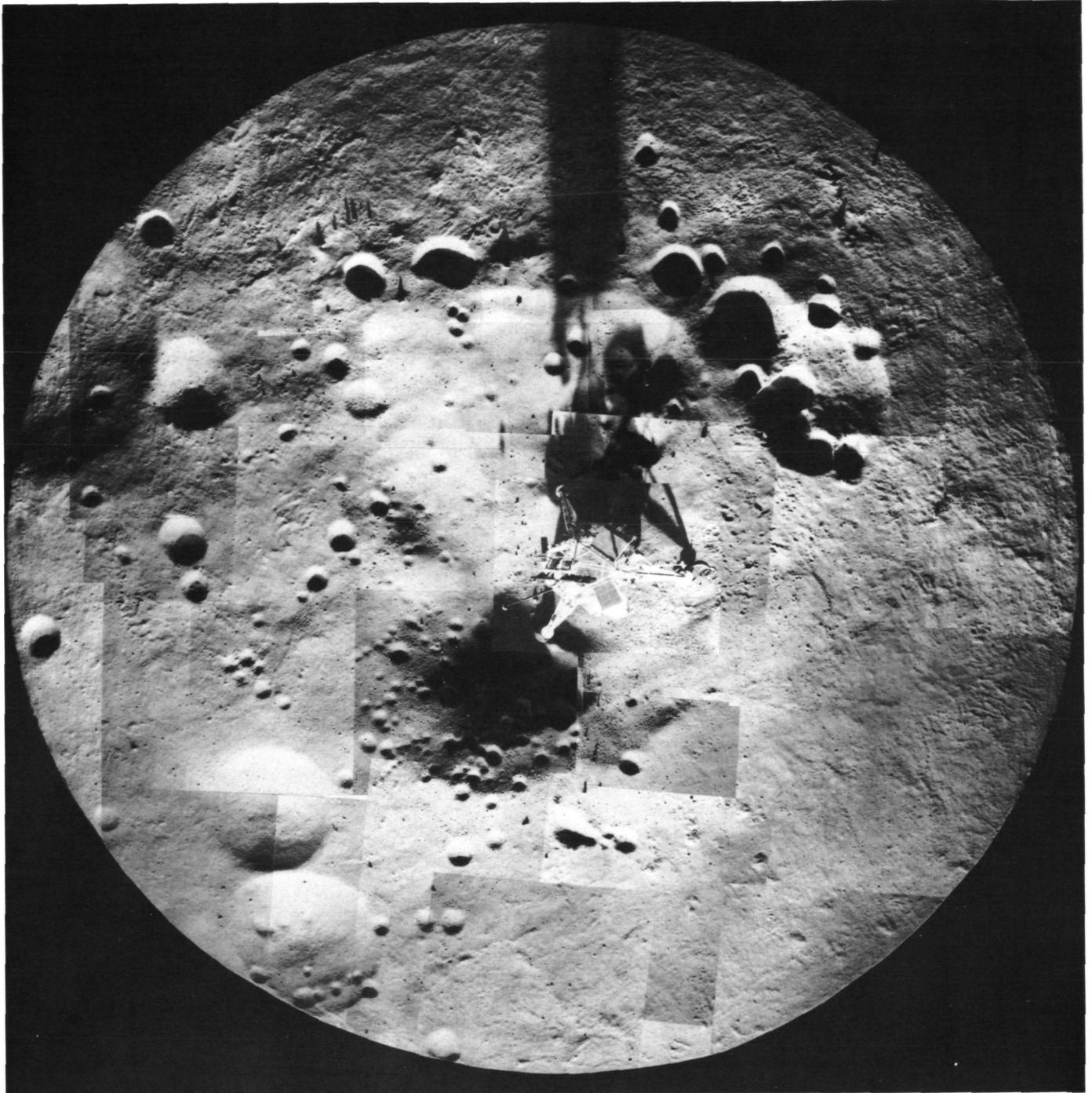


Figure 4.—Physical model of the Surveyor 5 landing site.

nated from a generally westerly direction with optimum delineation of surface detail the primary consideration. As a result, the shadows are similar, but not identical, to those at the landing site on day 265. The spacecraft shadow, in particular, is somewhat south of its correct position.

The television camera is circled in white and indicated by an arrow in the physical model photographs in figures 5 through 55.

Figure 56 contains mosaics created from the best available pictures of the Surveyor horizon.

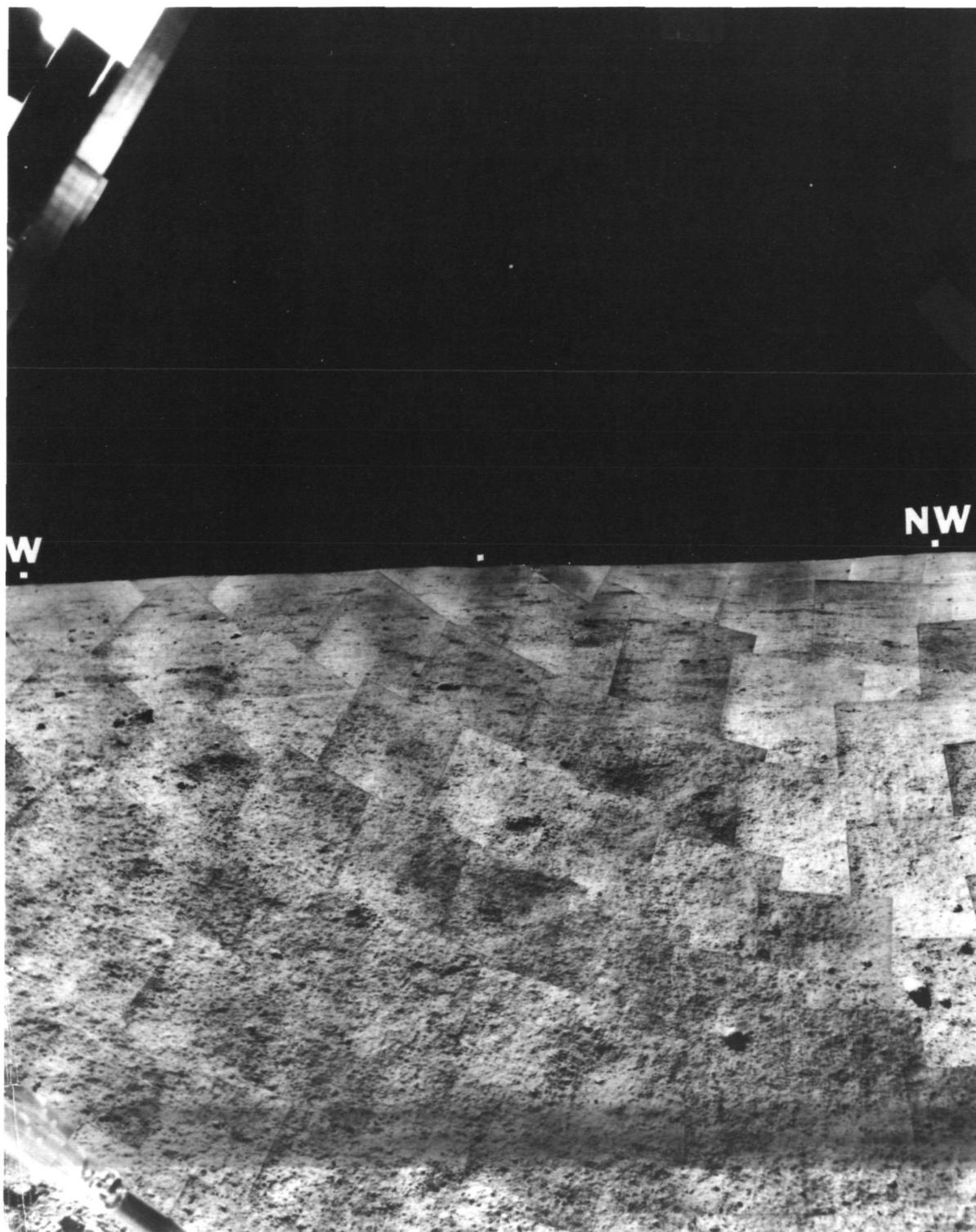


Figure 5(a).—Survey F far-field segment, looking west-northwest. The inner wall of the small crater in which Surveyor 5 landed occupies the lower three-fourths of the picture, accounting for the abrupt change in apparent surface texture. The shock absorber on leg three of the spacecraft appears in the lower left corner, as does part of the skid mark made by footpad three. (USGS 369-501)

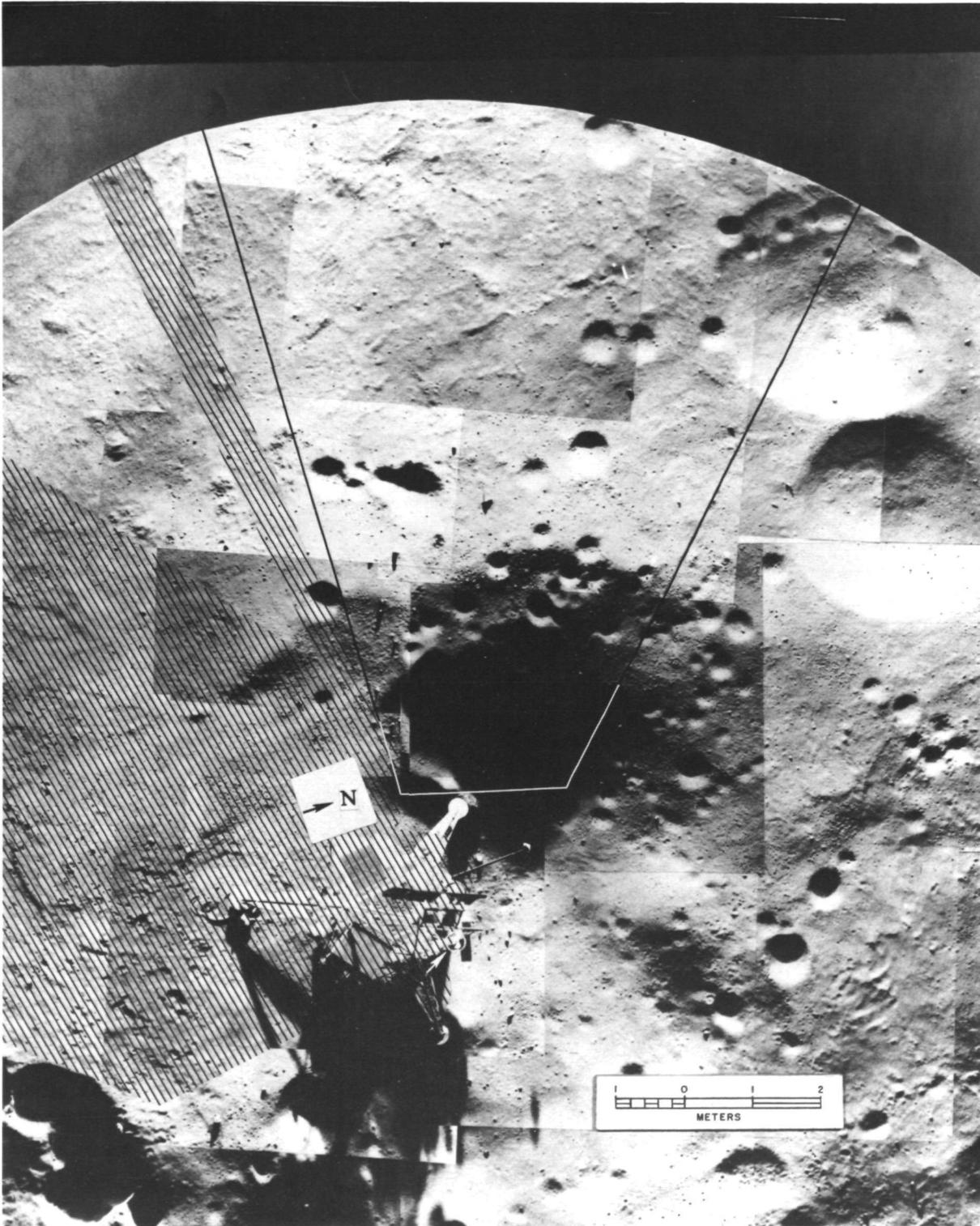


Figure 5(b).—Physical model of the foreground of figure 5(a).

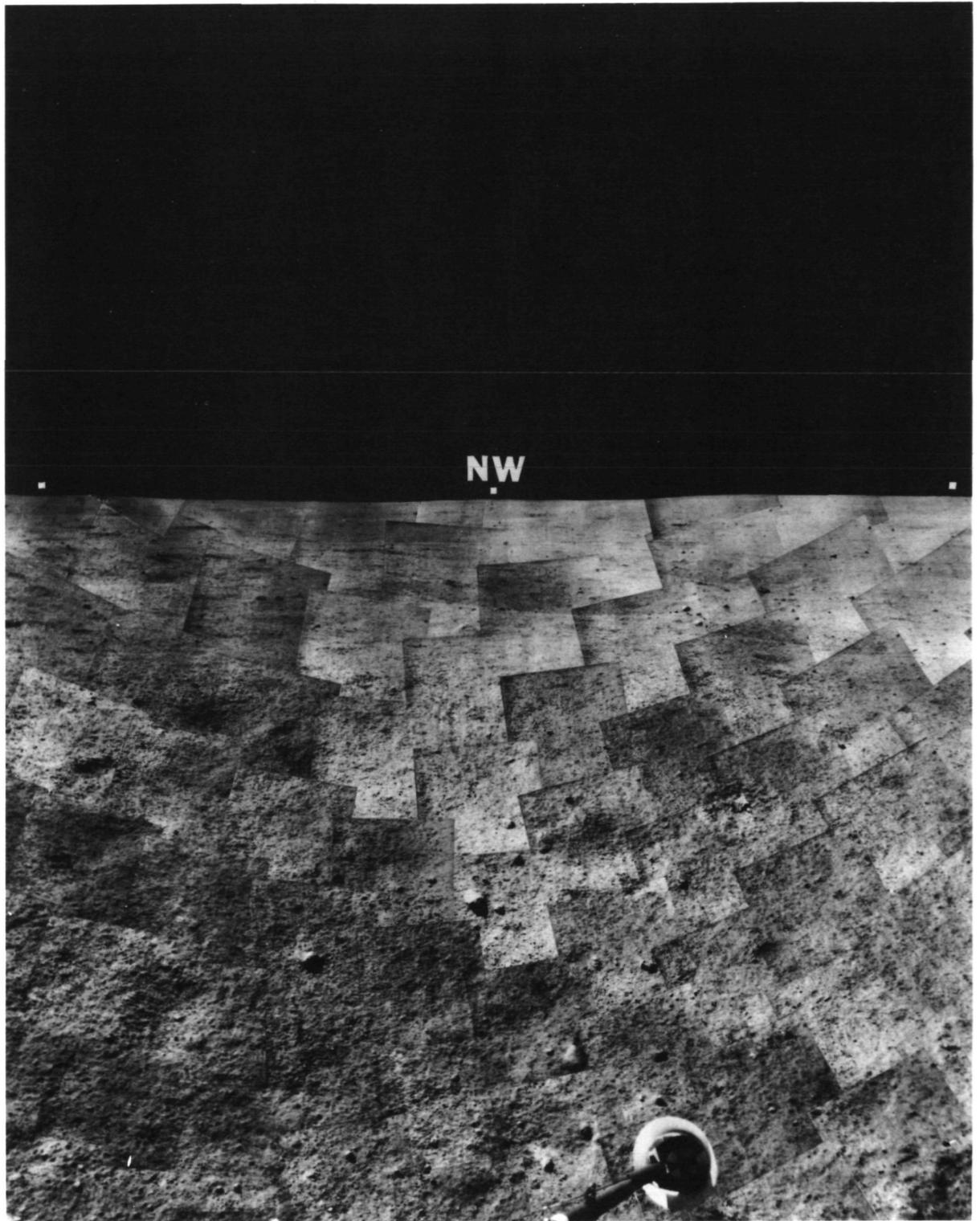


Figure 6(a).—Survey F far-field segment, looking northwest. The inner wall of the small crater in which Surveyor 5 landed occupies the lower three-fourths of the picture, accounting for the abrupt change in apparent surface texture. Omnidirectional antenna B, on which a calibration chart is mounted, is in the lower part of the picture. (USGS 369-502)

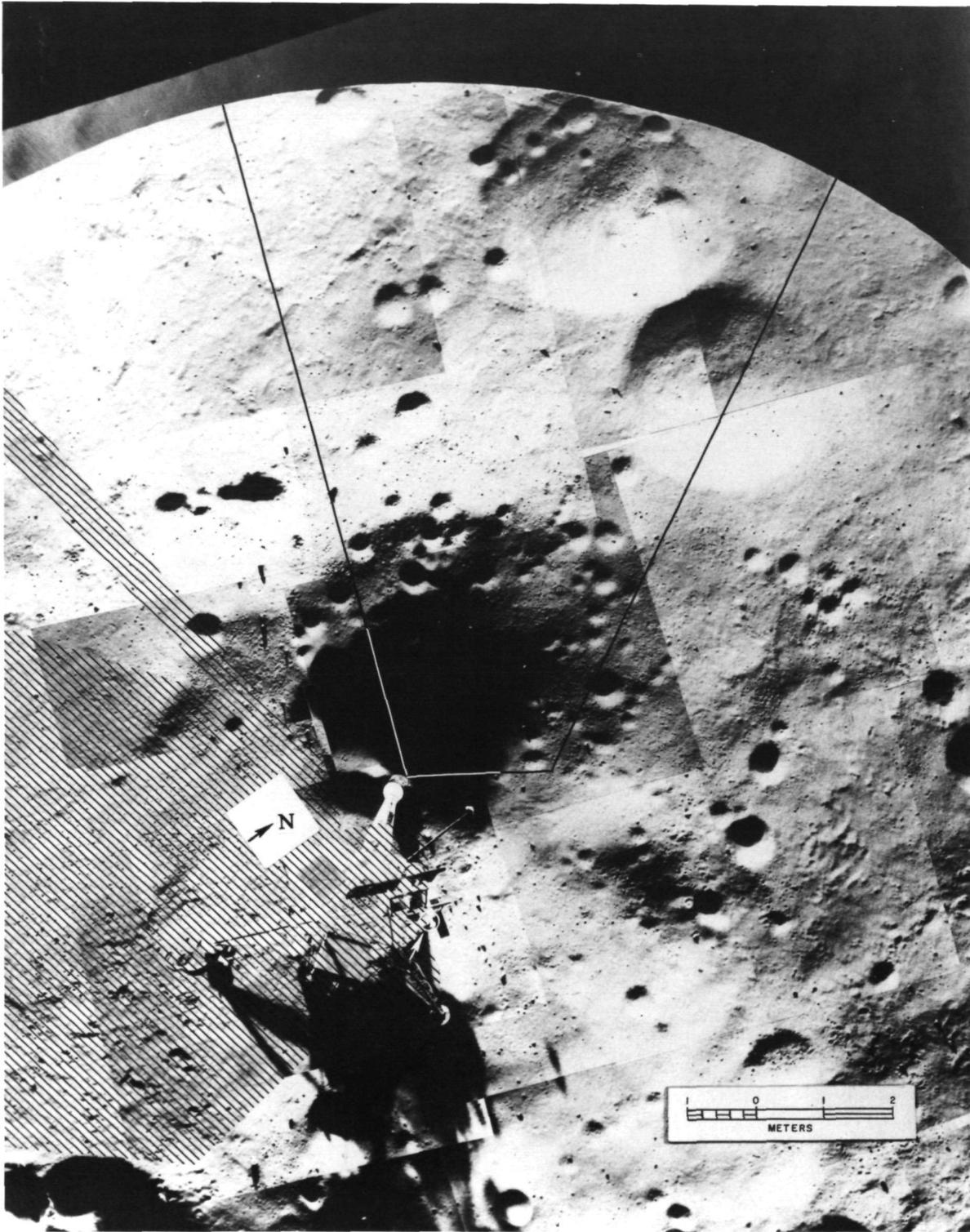


Figure 6(b).—Physical model of the foreground of figure 6(a).

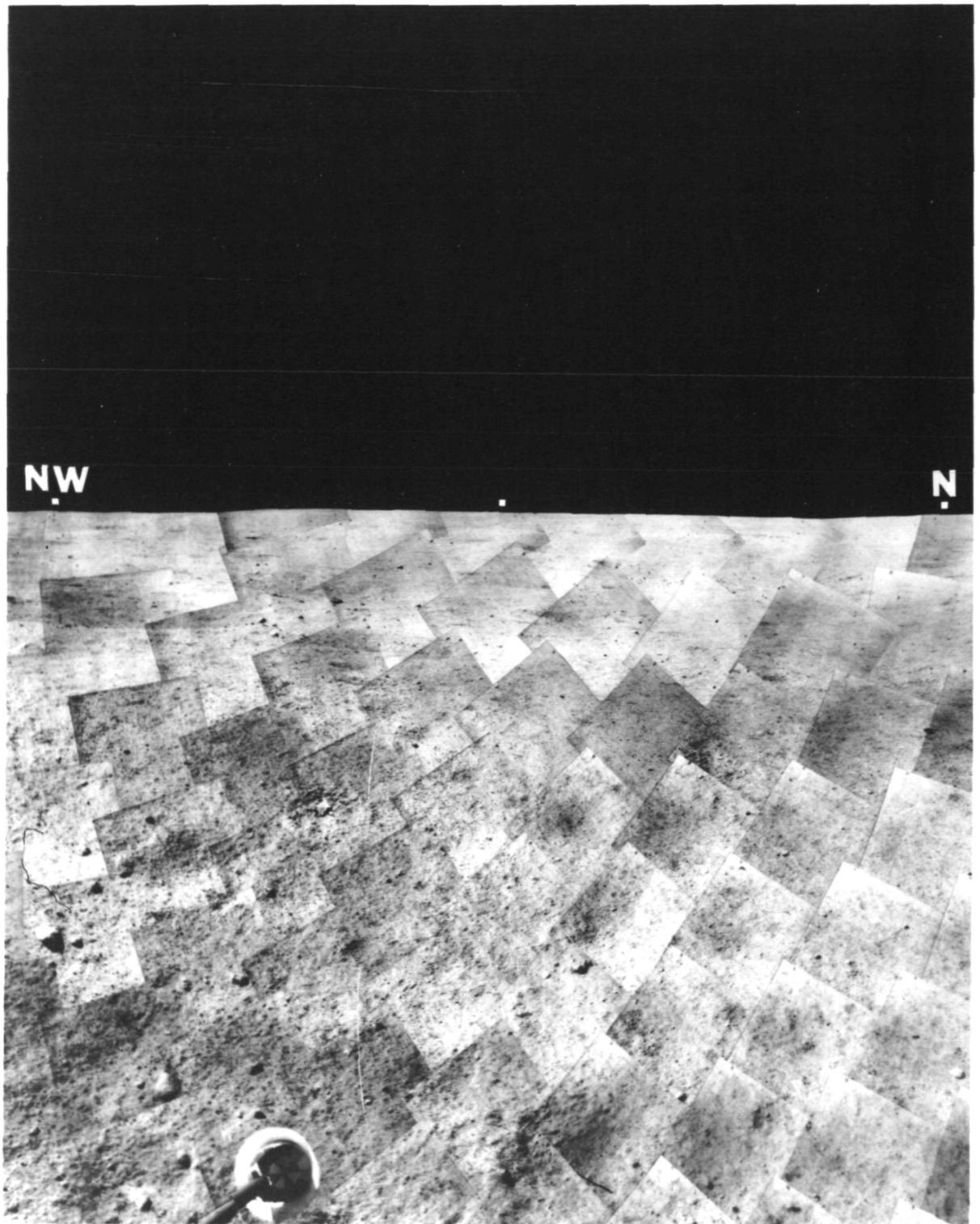


Figure 7(a).—Survey F far-field segment, looking north-northwest. The inner wall of the small crater in which Surveyor 5 landed occupies the lower three-fourths of the picture, accounting for the abrupt change in apparent surface texture. Omnidirectional antenna B, on which a calibration chart is mounted, is in the lower part of the picture. (USGS 369-503)

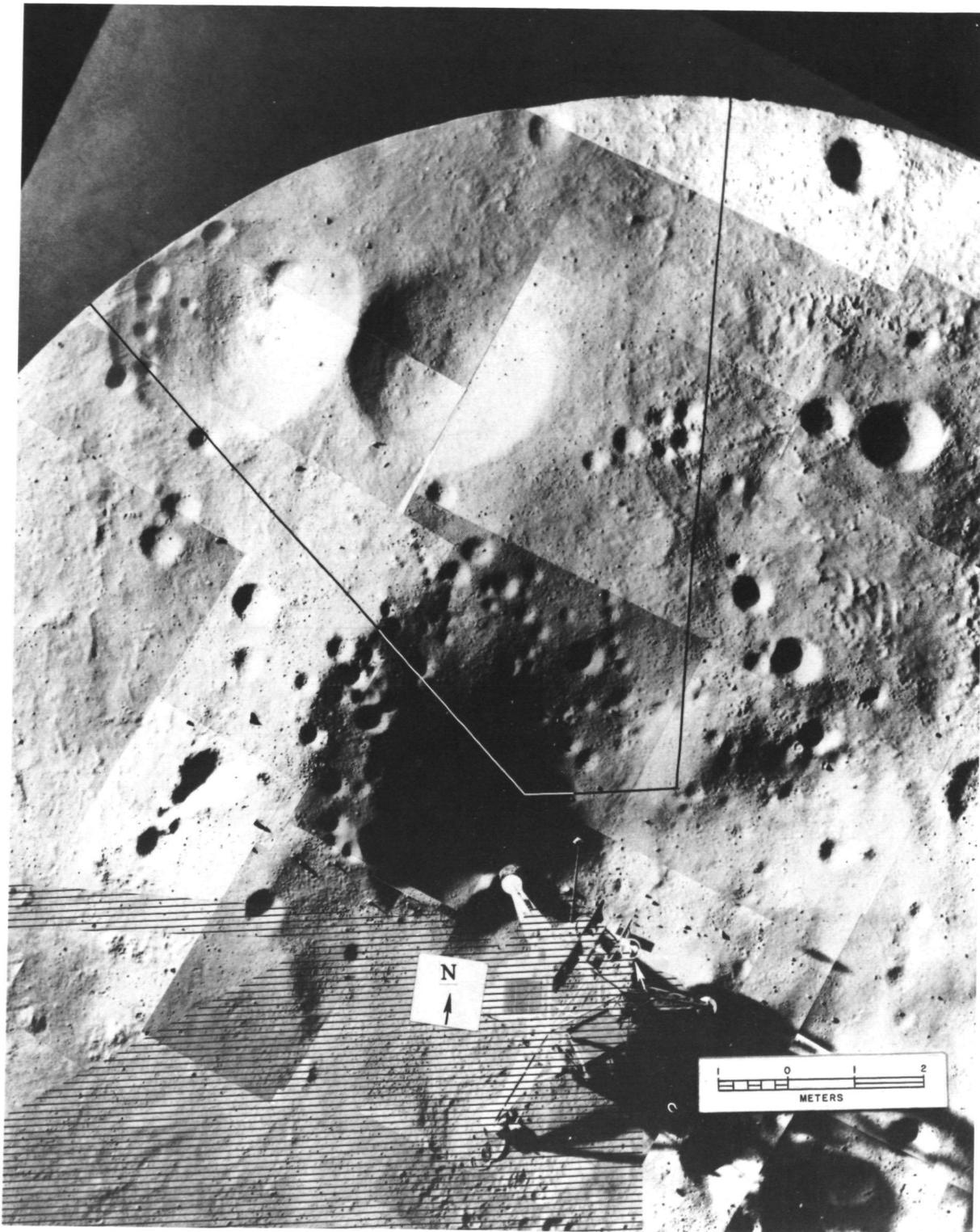


Figure 7(b).—Physical model of the foreground of figure 7(a).

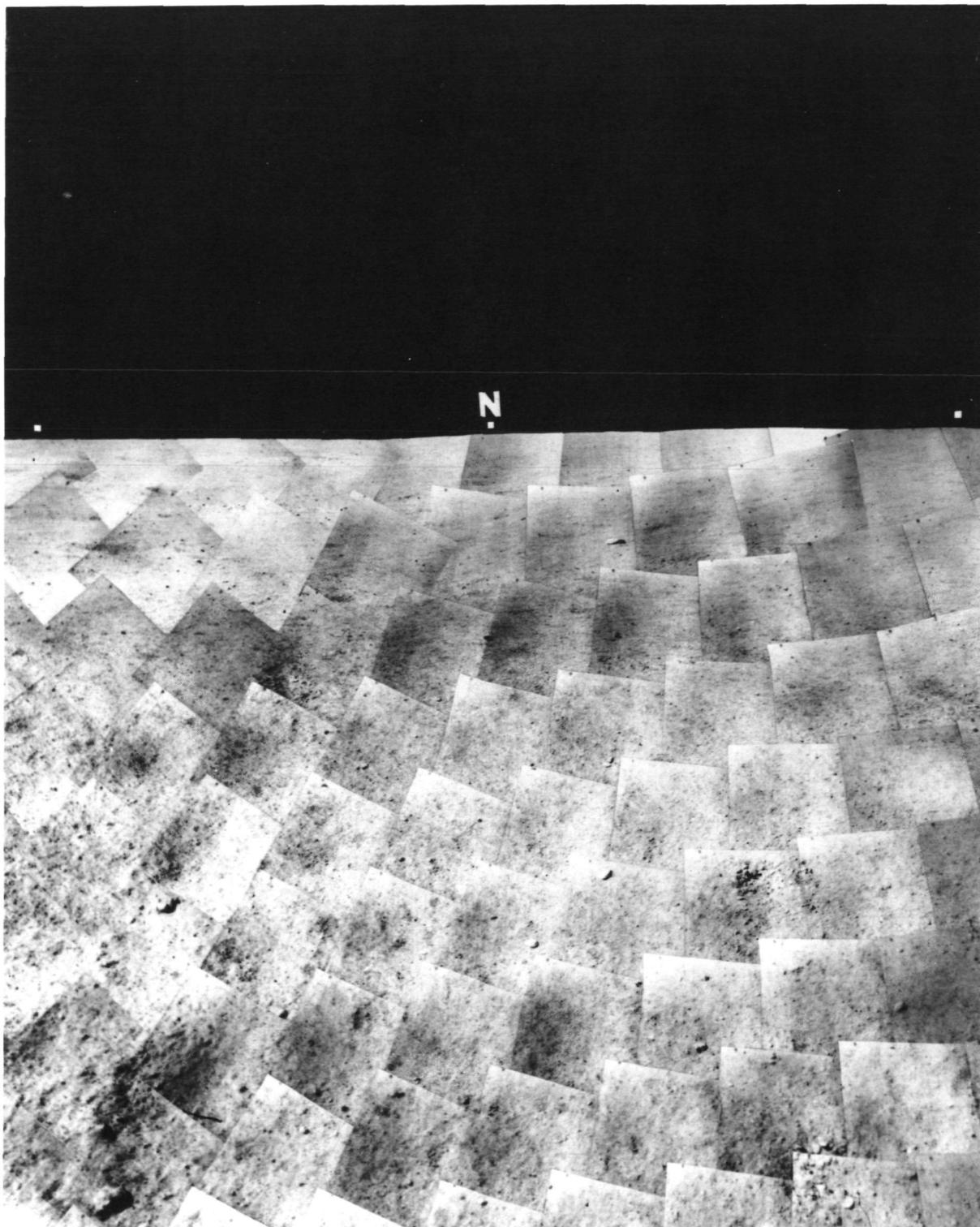


Figure 8(a).—Survey F far-field segment, looking north. The inner wall of the small crater in which Surveyor 5 landed occupies the lower three-fourths of the picture, accounting for the abrupt change in apparent surface texture. (USGS 369-504)

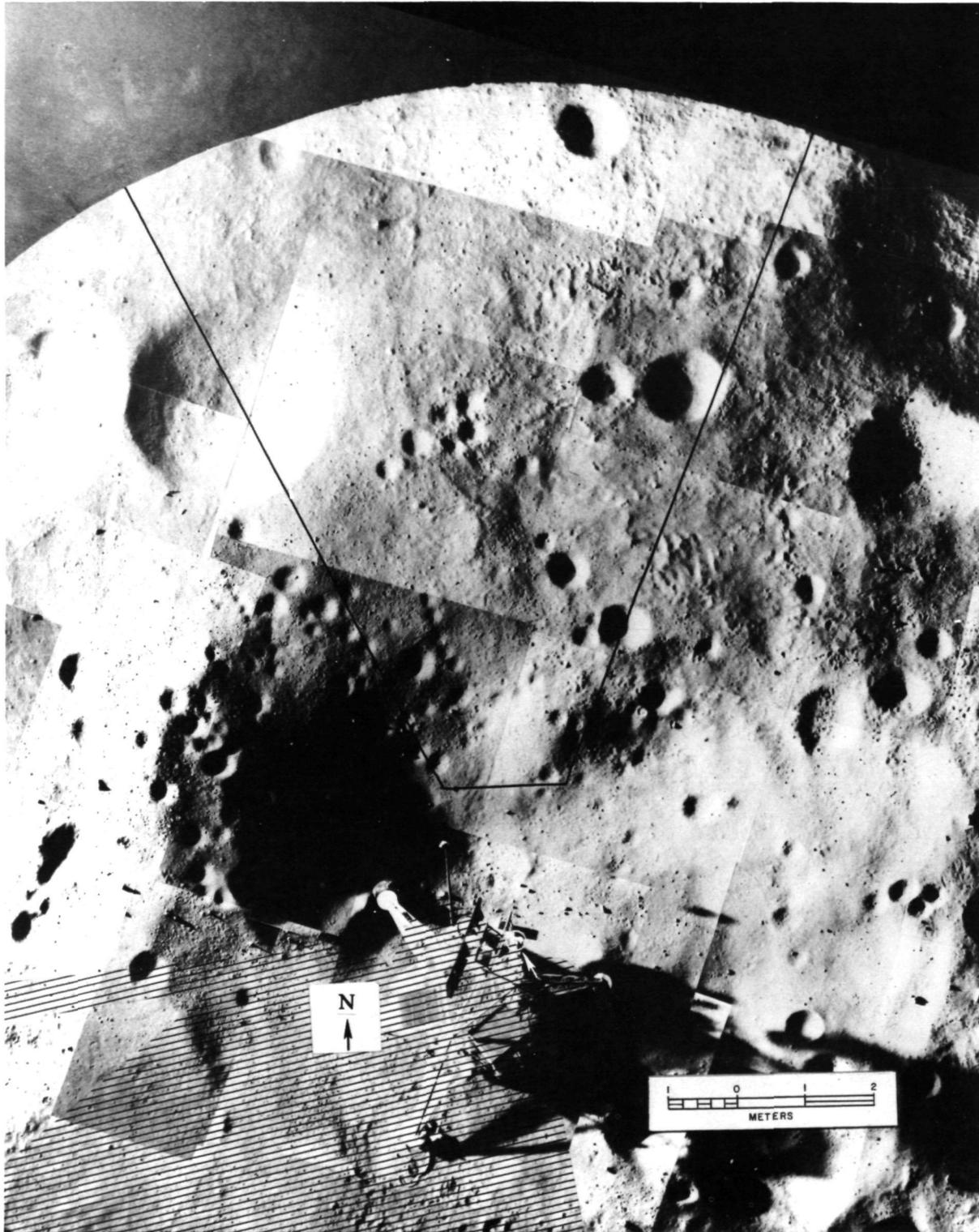


Figure 8(b).—Physical model of the foreground of figure 8(a).

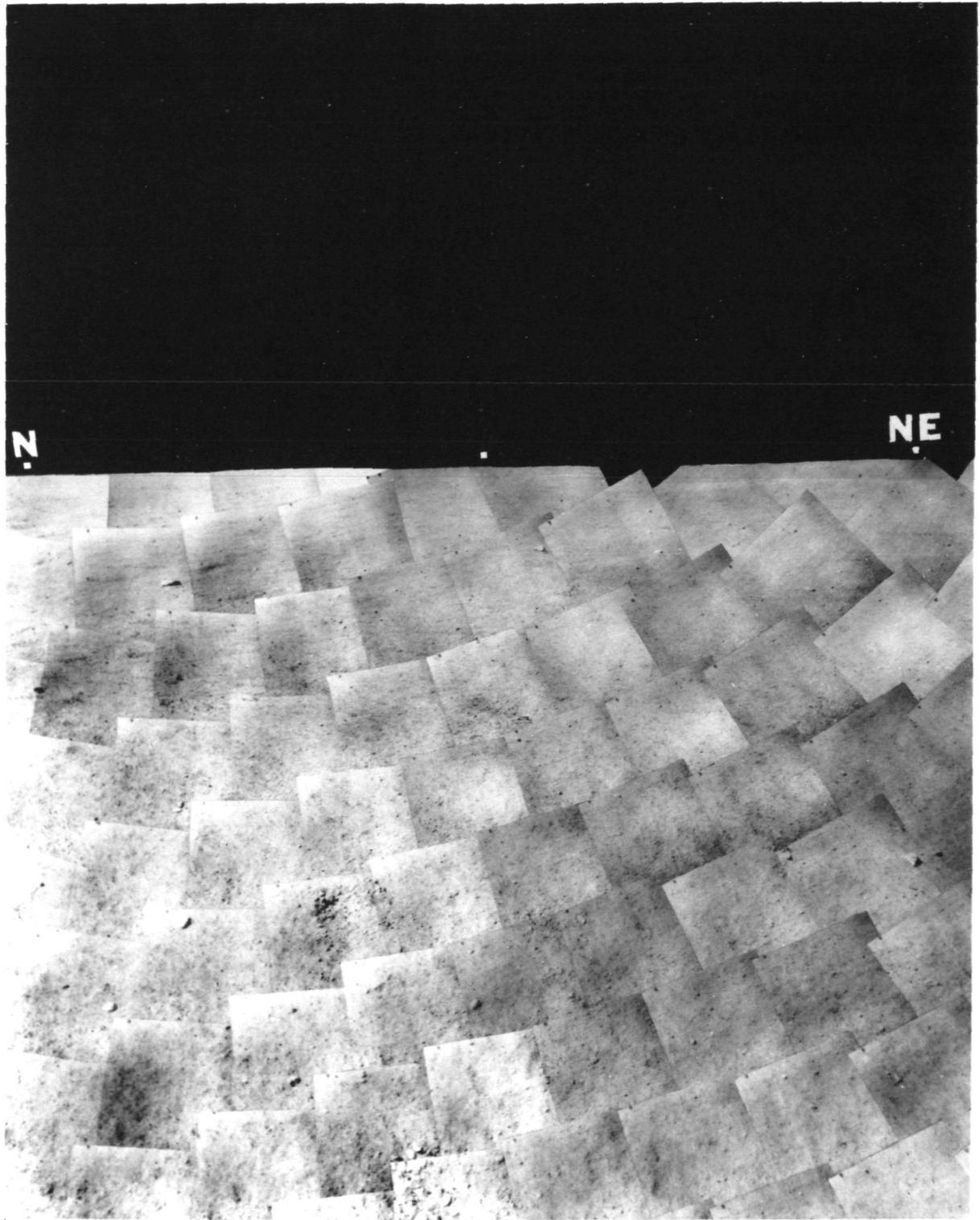


Figure 9(a).—Survey F far-field segment, looking north-northeast. The inner wall of the small crater in which Surveyor 5 landed occupies the lower three-fourths of the picture, accounting for the abrupt change in apparent surface texture. (USGS 369-505)

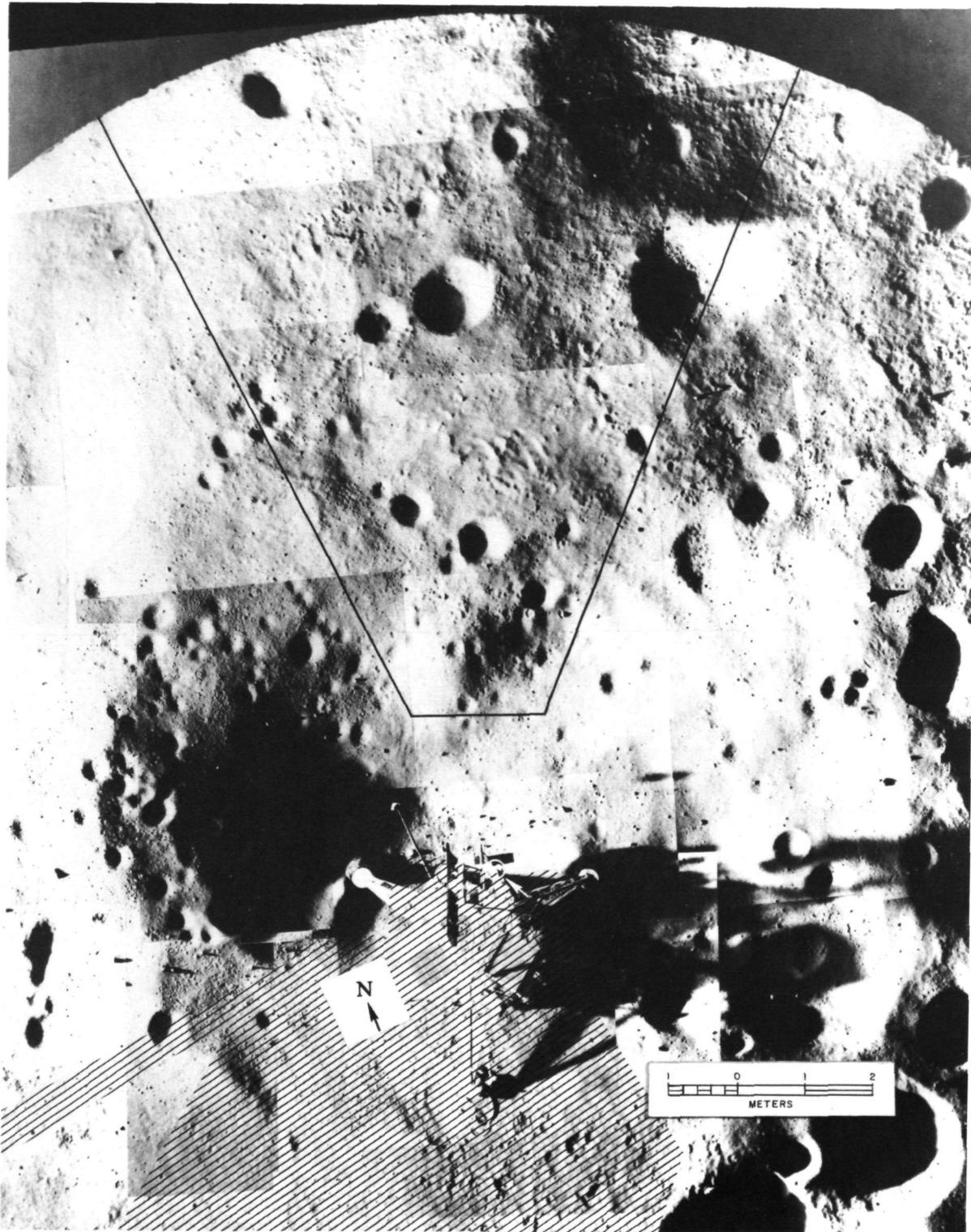


Figure 9(b).—Physical model of the foreground of figure 9(a).

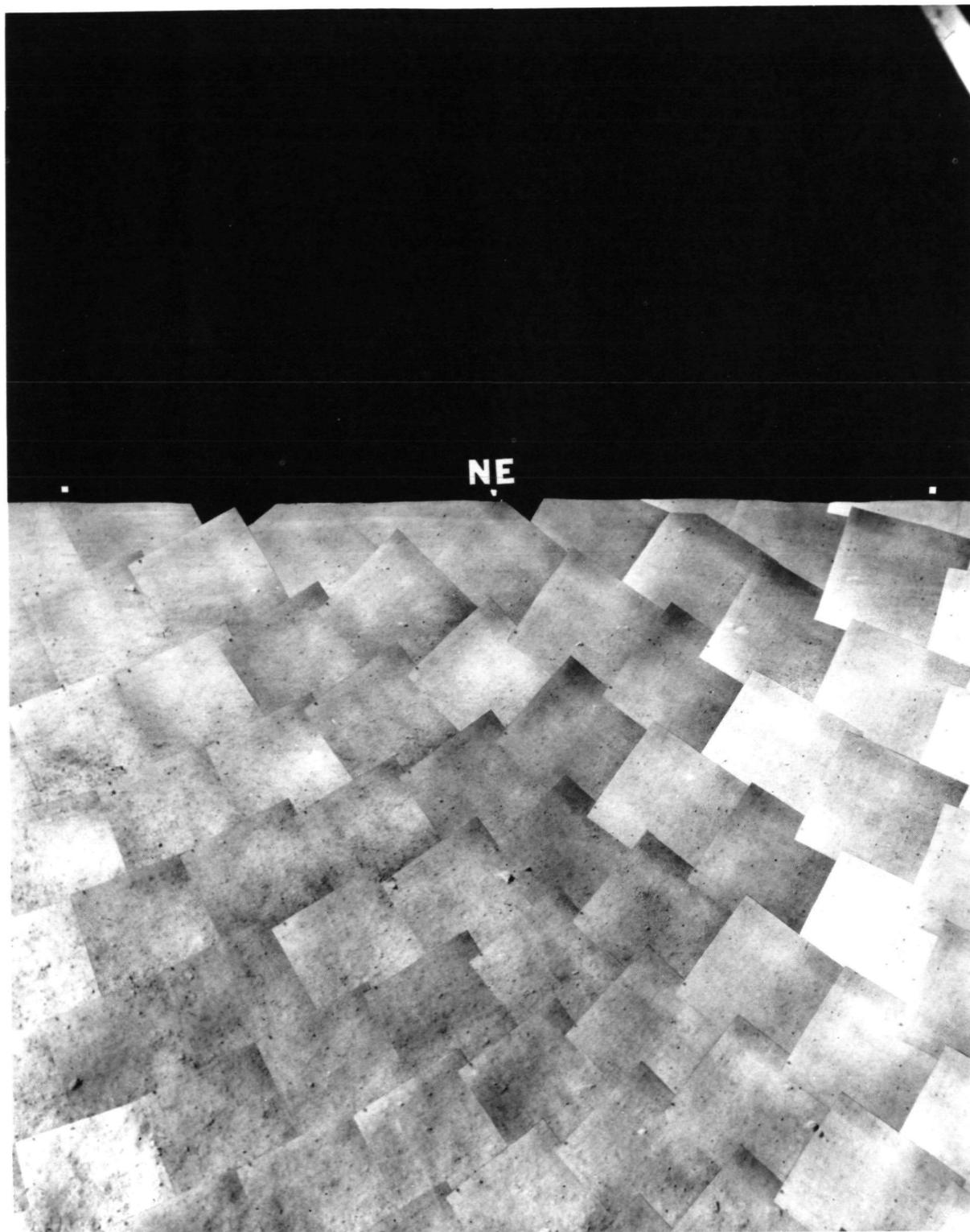


Figure 10(a).—Survey F far-field segment, looking northeast. The inner wall of the small crater in which Surveyor 5 landed occupies the lower three-fourths of the picture. (USGS 369-506)

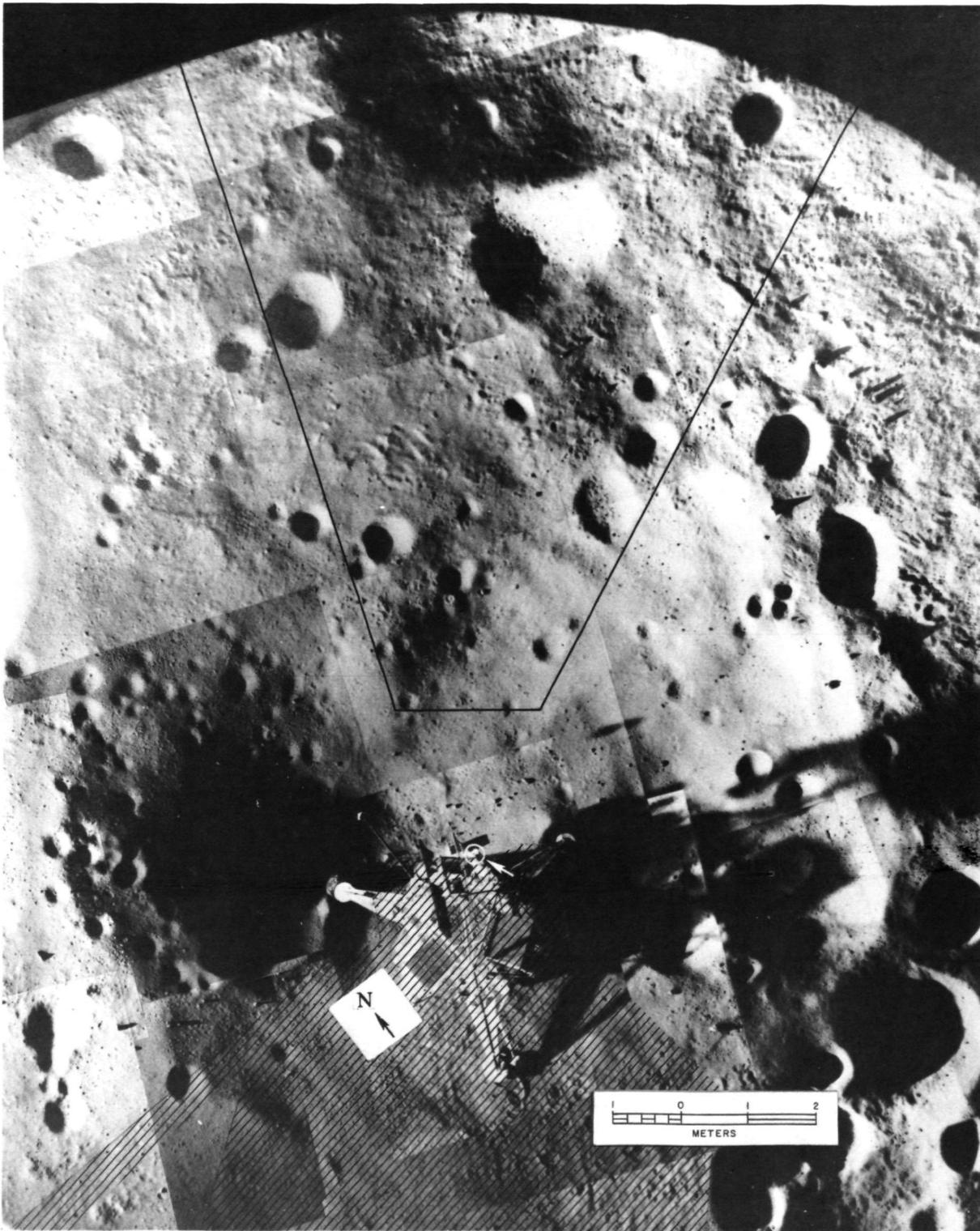


Figure 10(b).—Physical model of the foreground of figure 10(a).

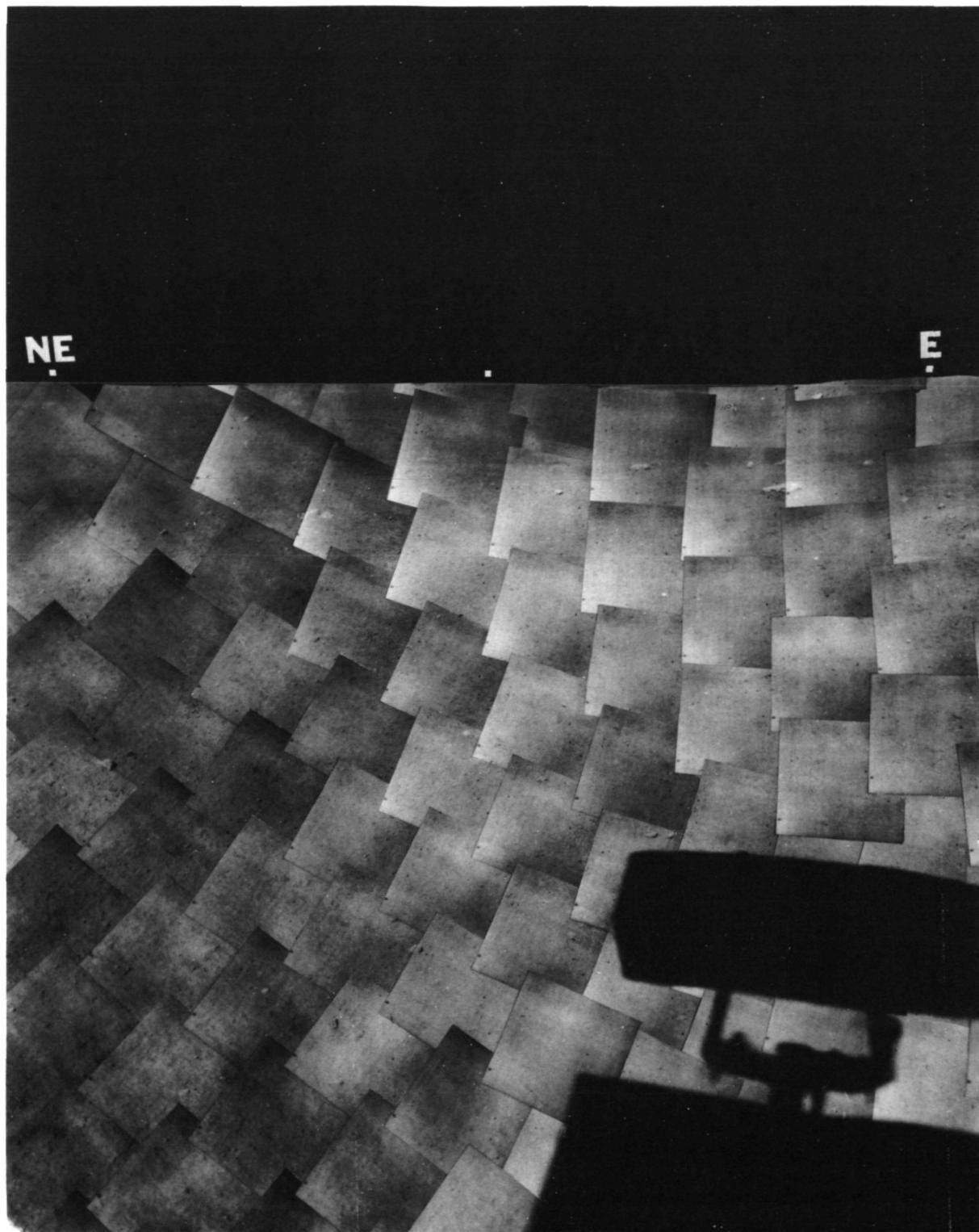


Figure 11(a).—Survey F far-field segment, looking east-northeast. The shadow of the high-gain antenna and the solar panel appears in the lower right part of the picture. Contrast in these pictures is extremely low because the surface is illuminated from above and behind the camera. Under these conditions, most tonal variations not associated with the camera and recording system are surface albedo differences. Rock fragments, which have a higher albedo than the fine-grained surface, are easily located in pictures with this kind of illumination. (USGS 369-513)

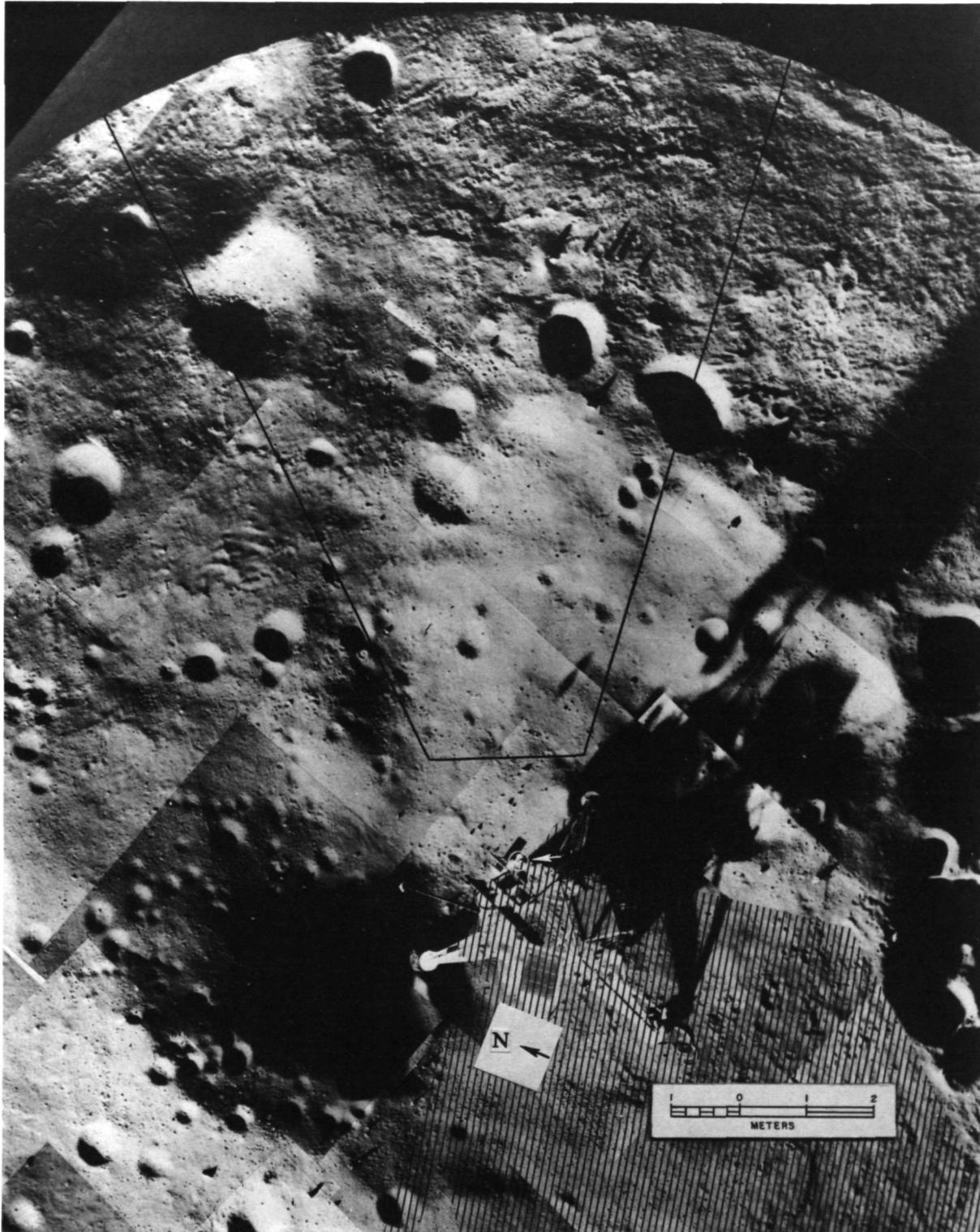


Figure 11(b).—Physical model of the foreground of figure 11(a).

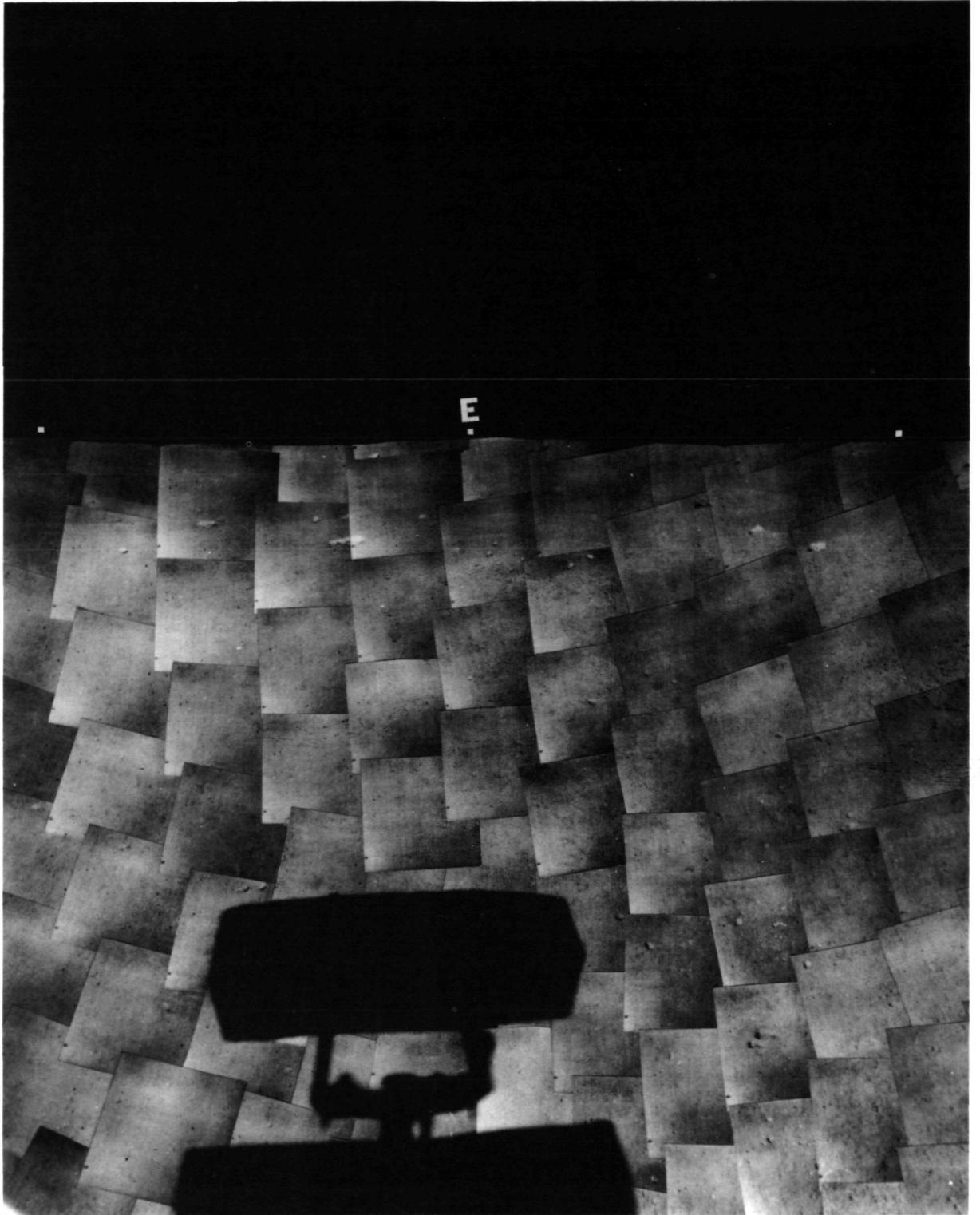


Figure 12(a).—Survey F far-field segment, looking east. The shadow of the high-gain antenna and the solar panel appears in the lower part of the picture. Contrast in these pictures is extremely low because the surface is illuminated from above and behind the camera. Under these conditions, most tonal variations not associated with the camera and recording system are surface albedo differences. Rock fragments, which have a higher albedo than the fine-grained surface, are easily located in pictures with this kind of illumination. (USGS 369-514)

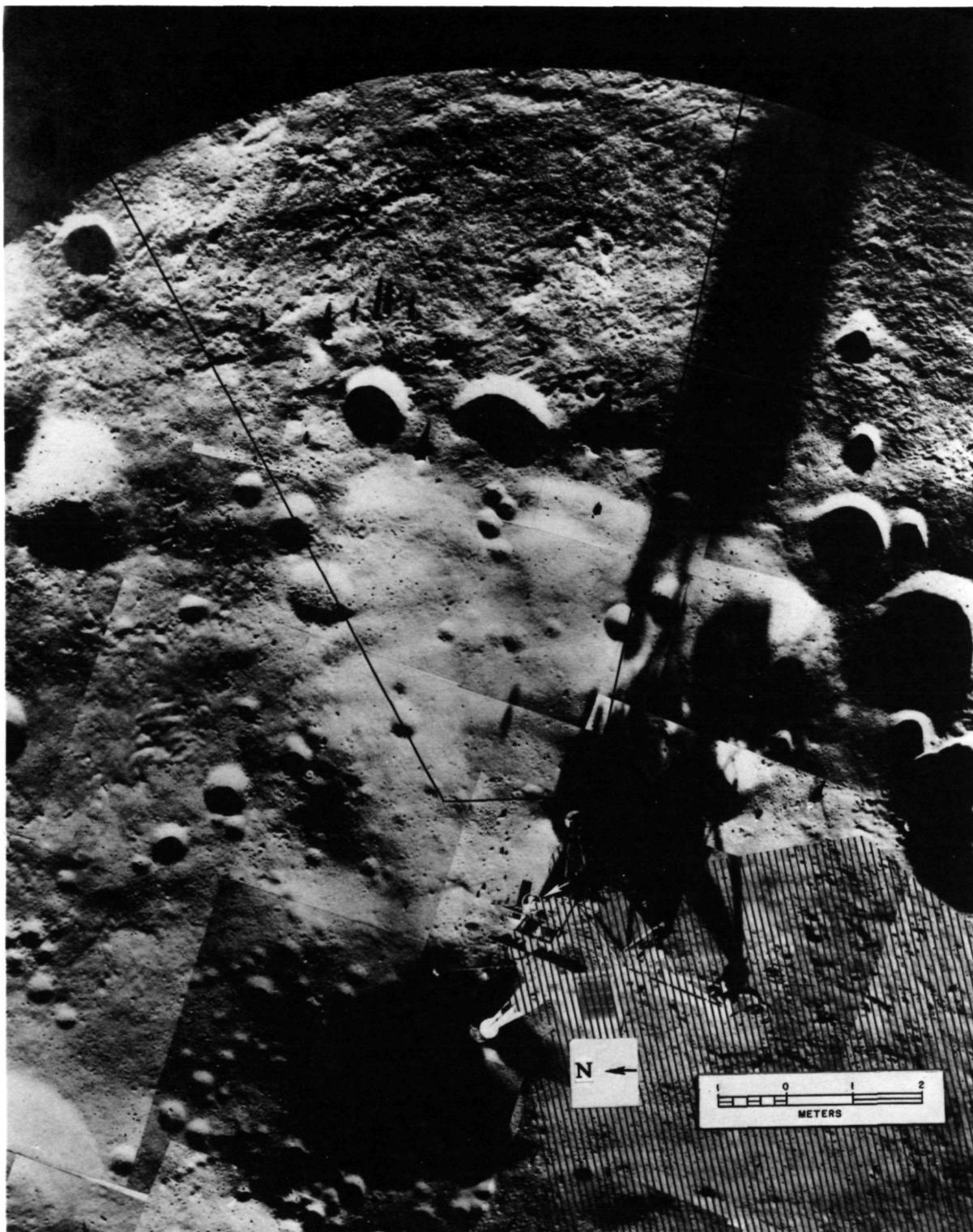


Figure 12(b).—Physical model of the foreground of figure 12(a).

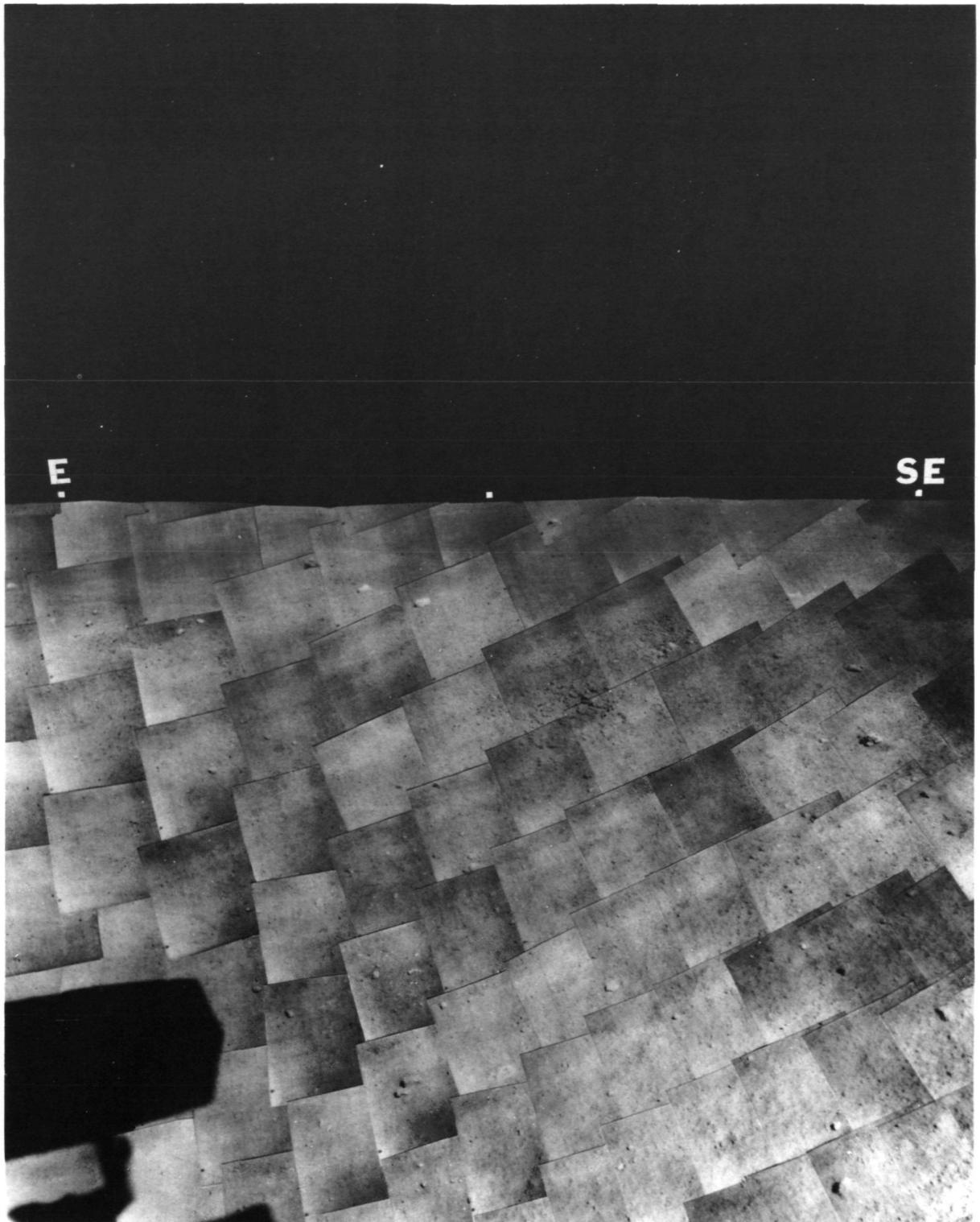


Figure 13(a).—Survey F far-field segment, looking east-southeast. The shadow of the high-gain antenna and the solar panel appears in the lower left part of the picture. Contrast in these pictures is extremely low because the surface is illuminated from above and behind the camera. Under these conditions, most tonal variations not associated with the camera and recording system are surface albedo differences. Rock fragments, which have a higher albedo than the fine-grained surface, are easily located in pictures with this kind of illumination. (USGS 369-515)

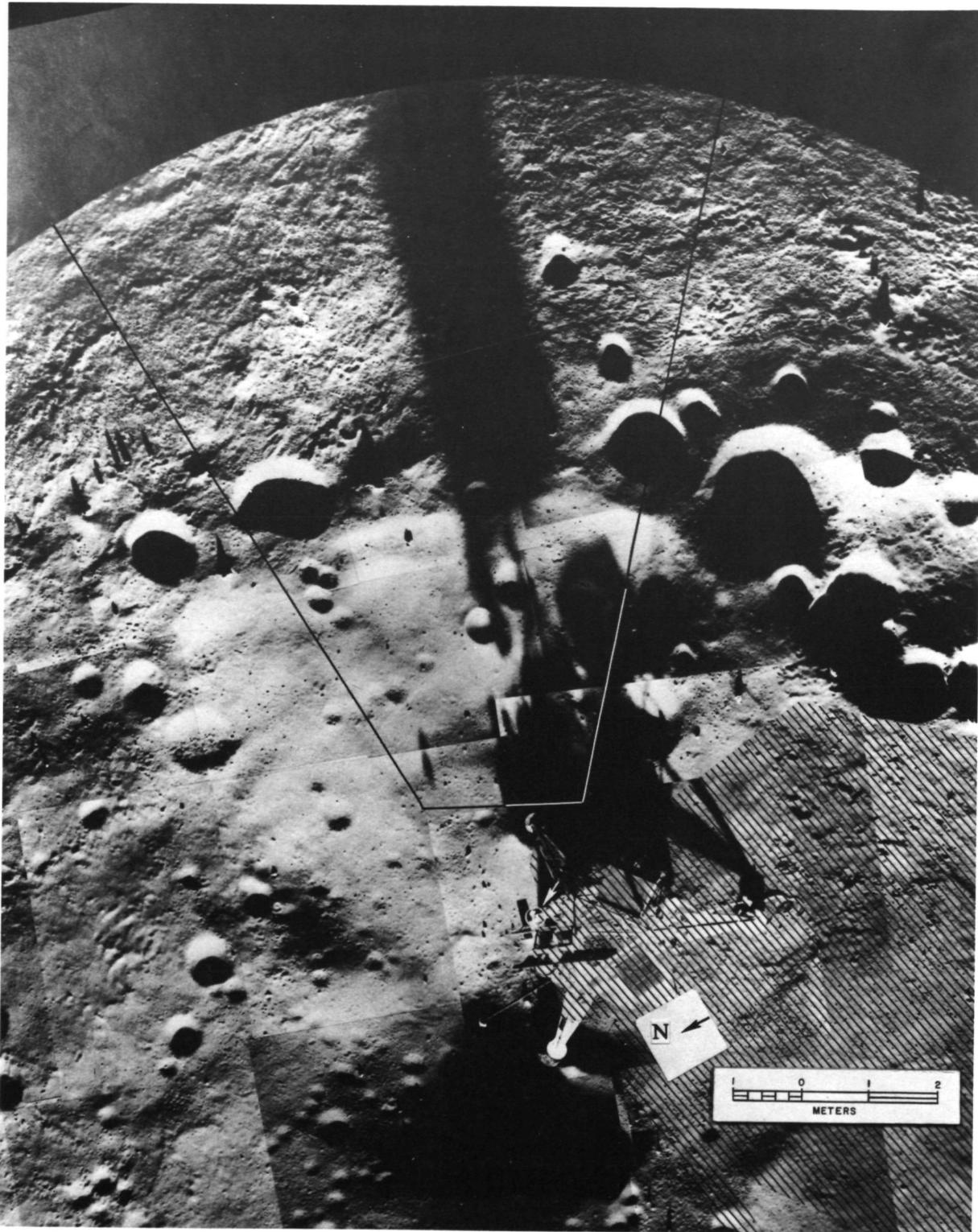


Figure 13(b).—Physical model of the foreground of figure 13(a).

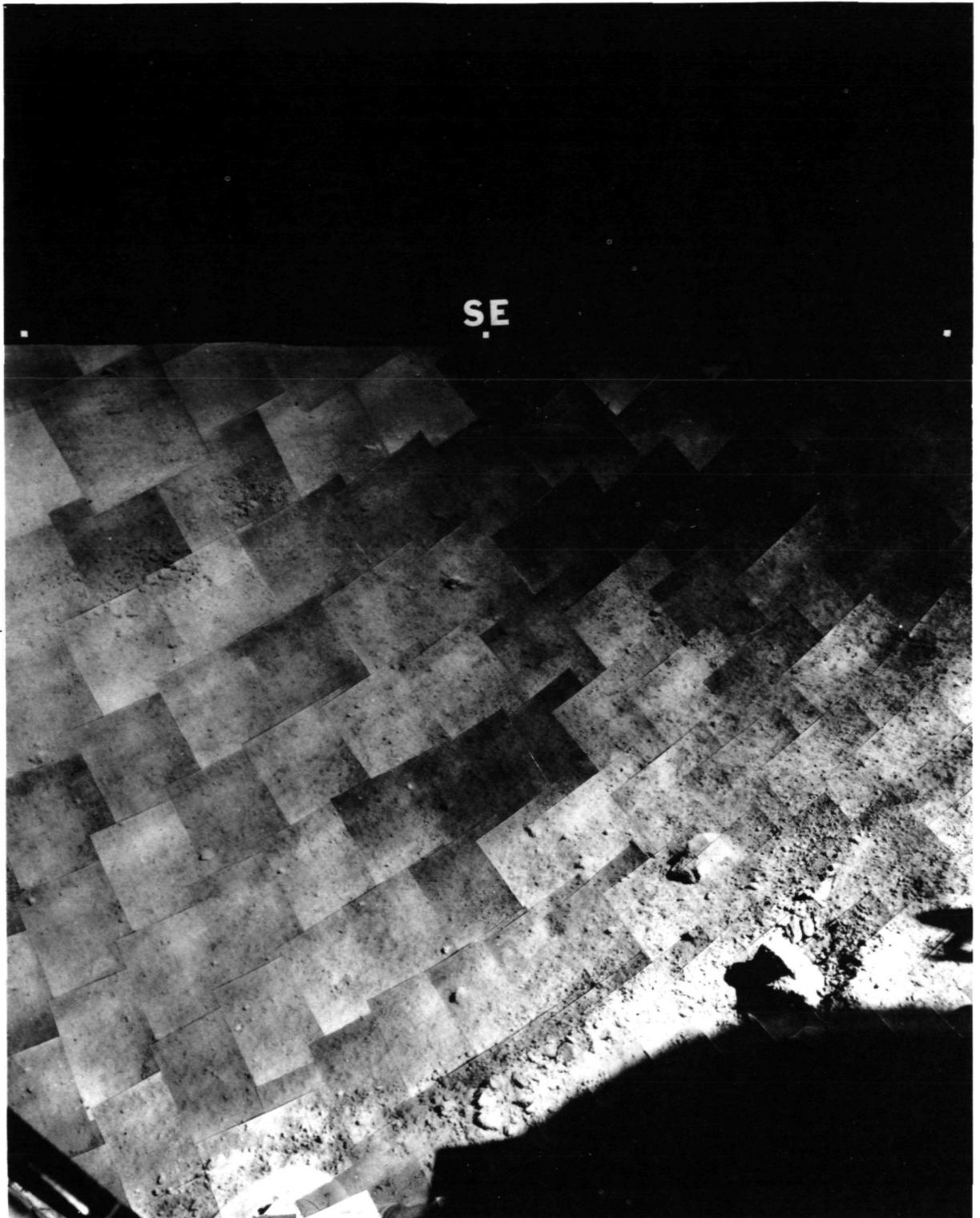


Figure 14(a).—Survey F far-field segment, looking southeast. Lunar surface in the lower right was occulted by the camera structure. Part of footpad two appears on the lower edge of the picture, and its skid mark begins near a conspicuous block on the right and runs along the occulted area to the footpad. (USGS 369-520)

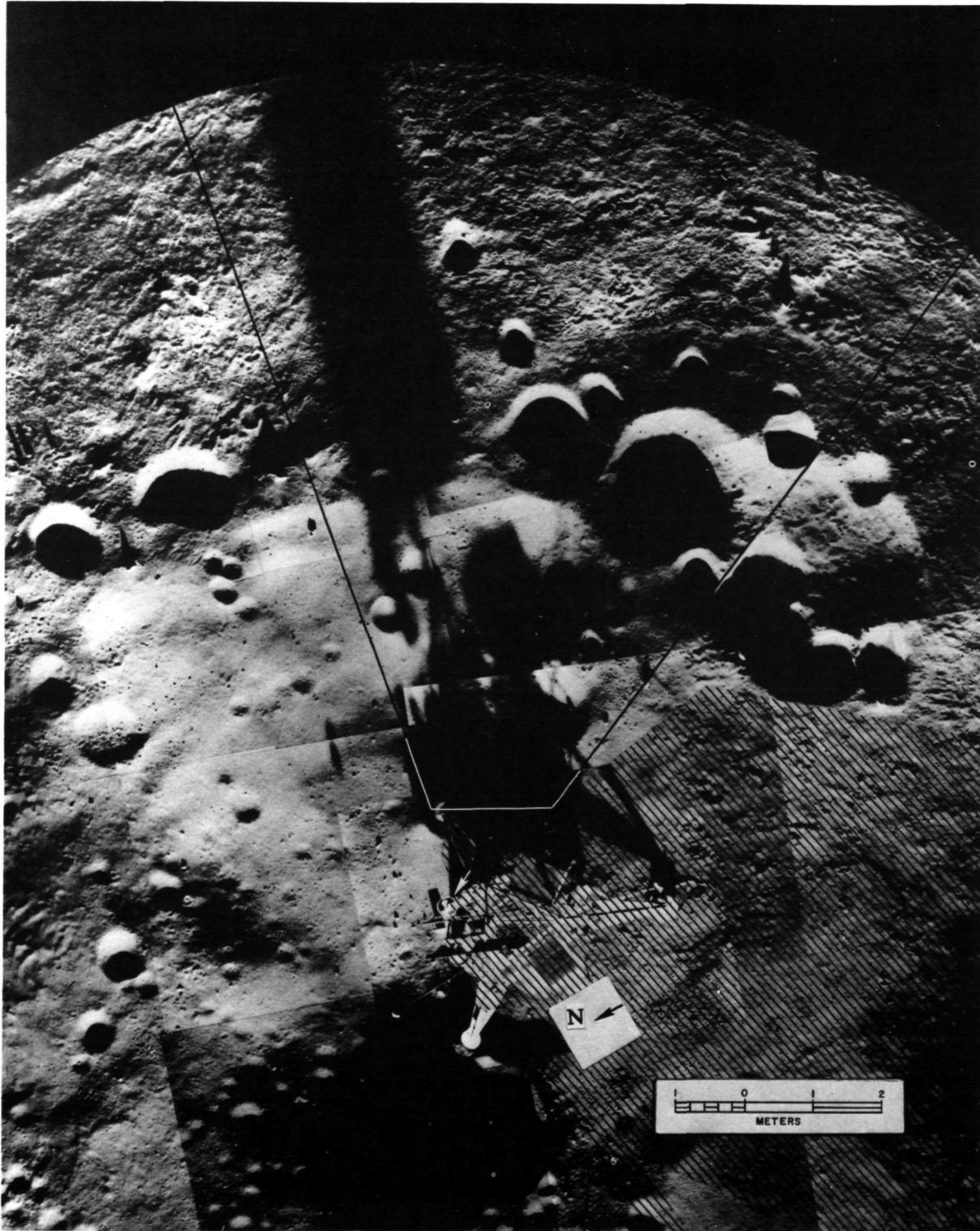


Figure 14(b).—Physical model of the foreground of figure 14(a).



Figure 15(a).—Survey F far-field segment, looking south-southeast. Lunar surface in the bottom of the picture was occulted by the camera structure. Electronics compartment A is on the right. (USGS 369-522)

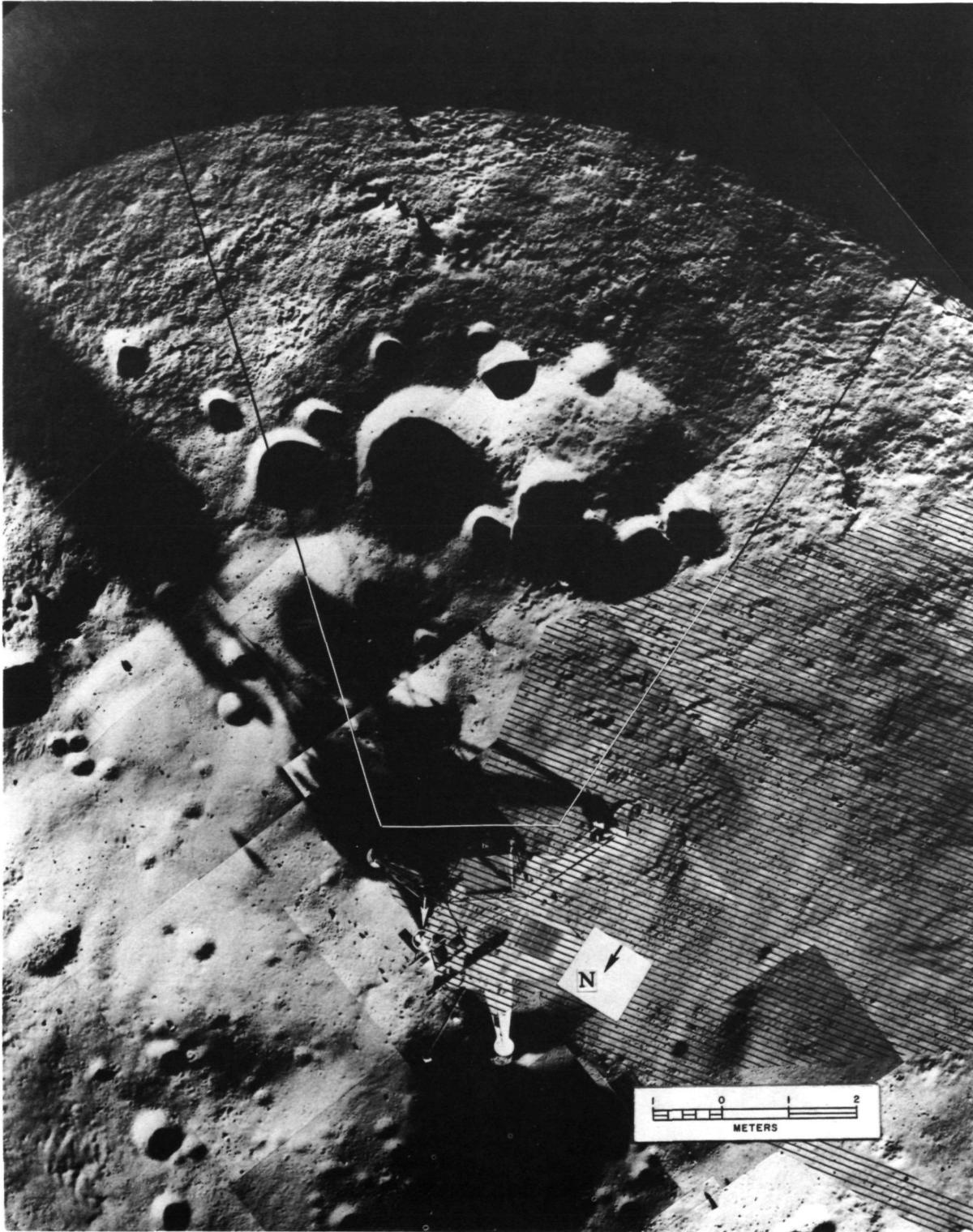


Figure 15(b).—Physical model of the foreground of figure 15(a).

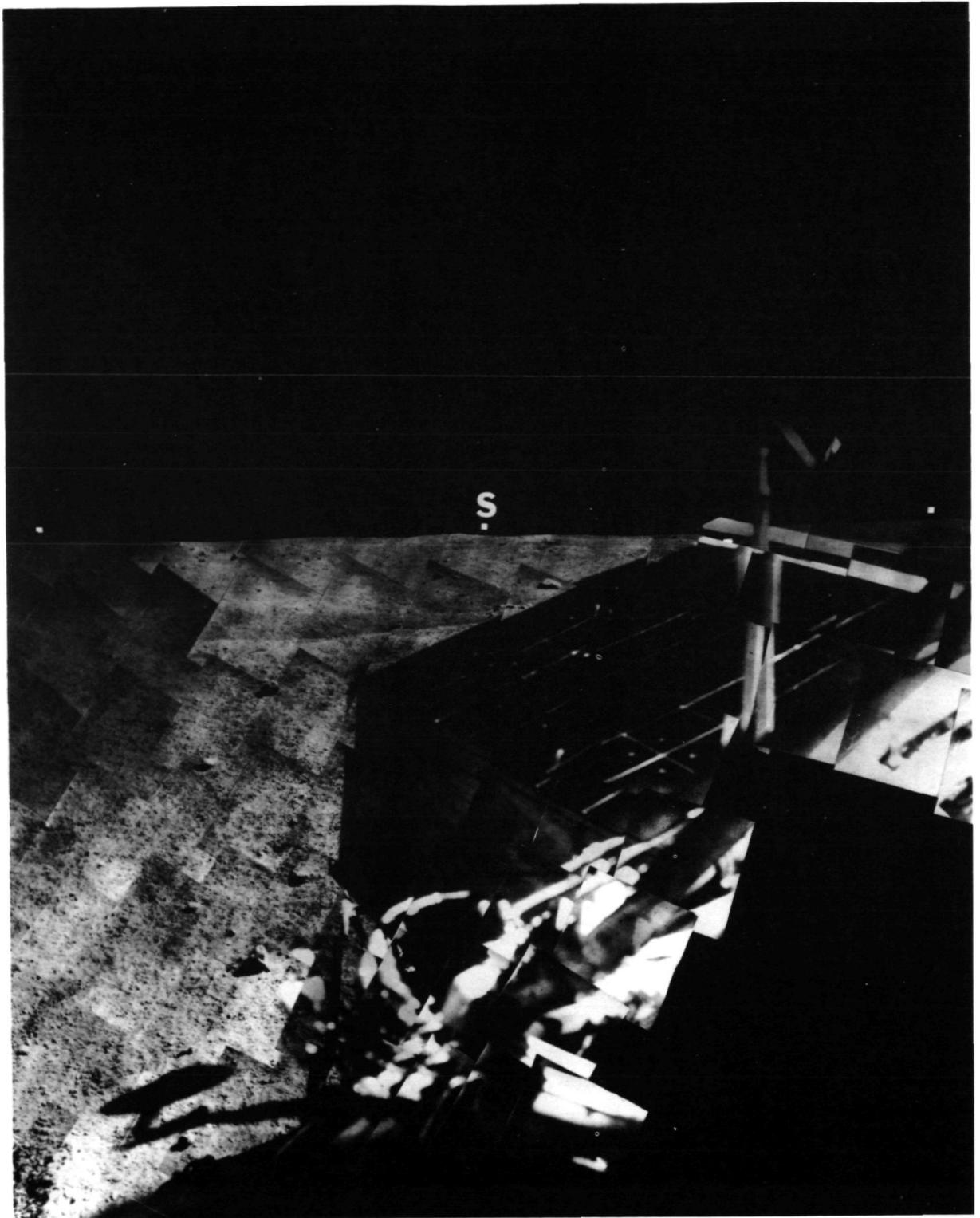


Figure 16(a).—Survey F far-field segment, looking south. Electronics compartment A covers most of the right-hand side of the mosaic. (USGS 369-523)

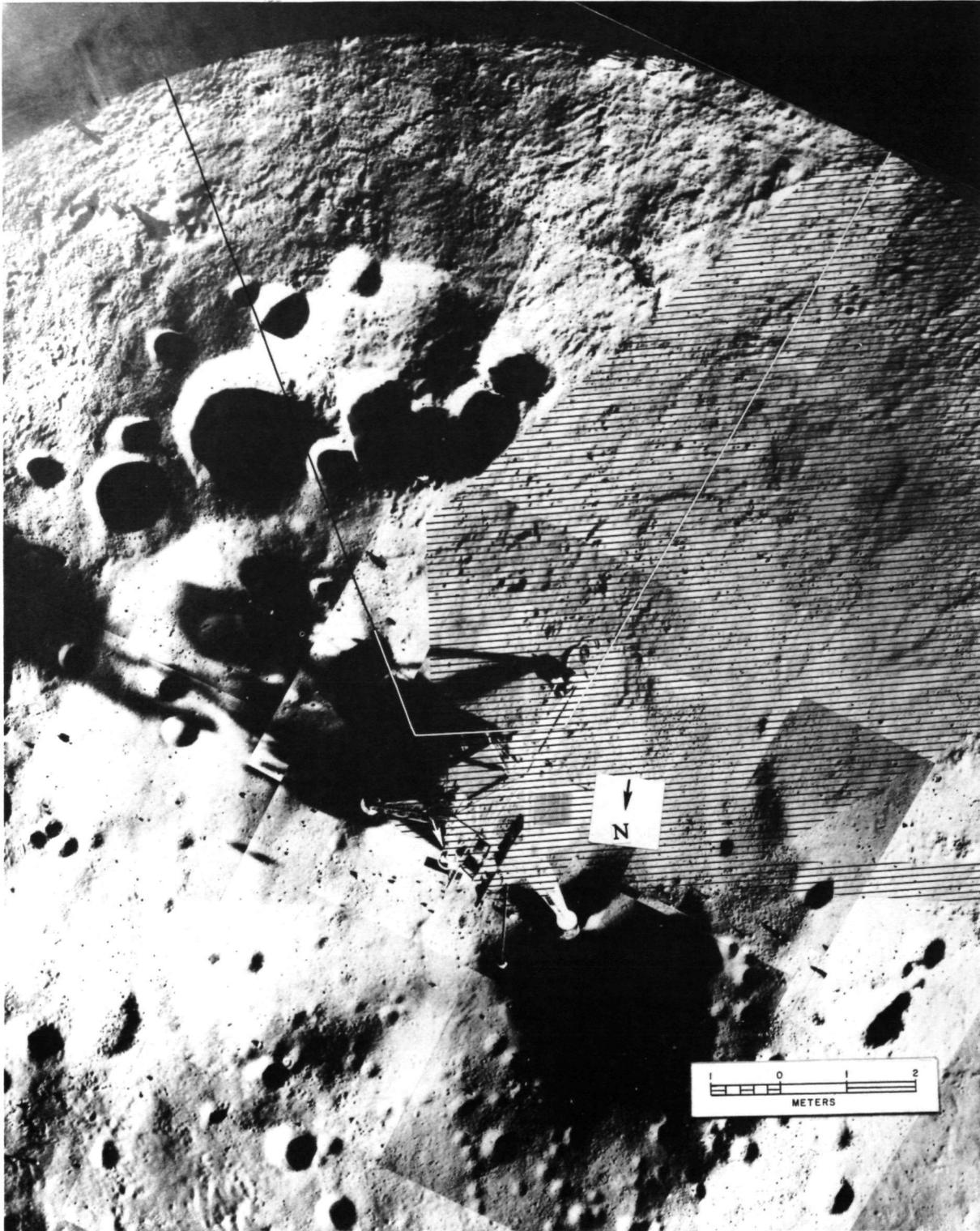


Figure 16(b).—Physical model of the foreground of figure 16(a).



Figure 17.—Survey F, far-field segment, looking south-southwest. Although spacecraft structures block most of the view, important features such as a large crater on the horizon above electronics compartment C are visible. (USGS 369-524)

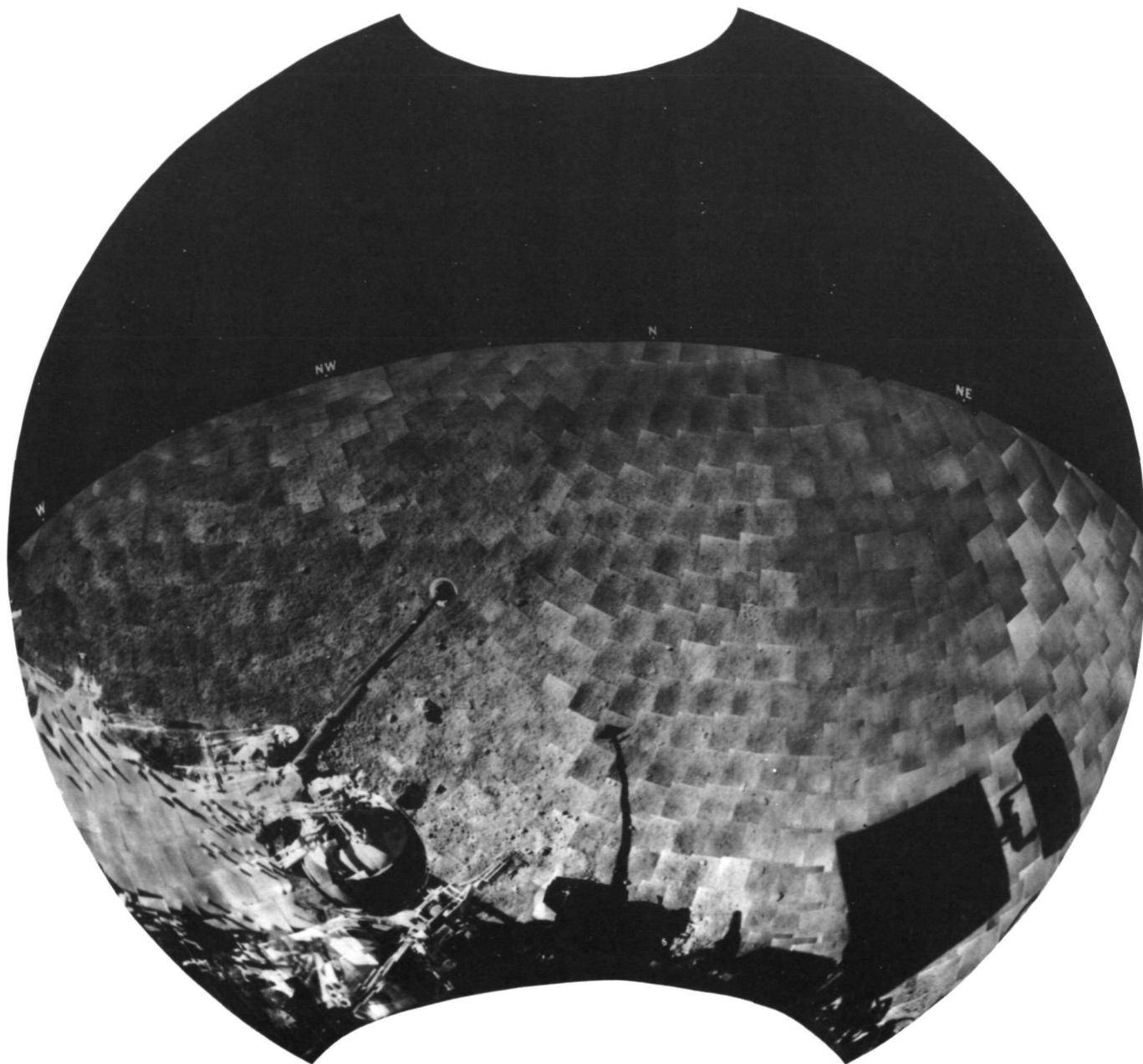


Figure 18.—Spherical mosaic of the northern half of survey F. (USGS 369-550)

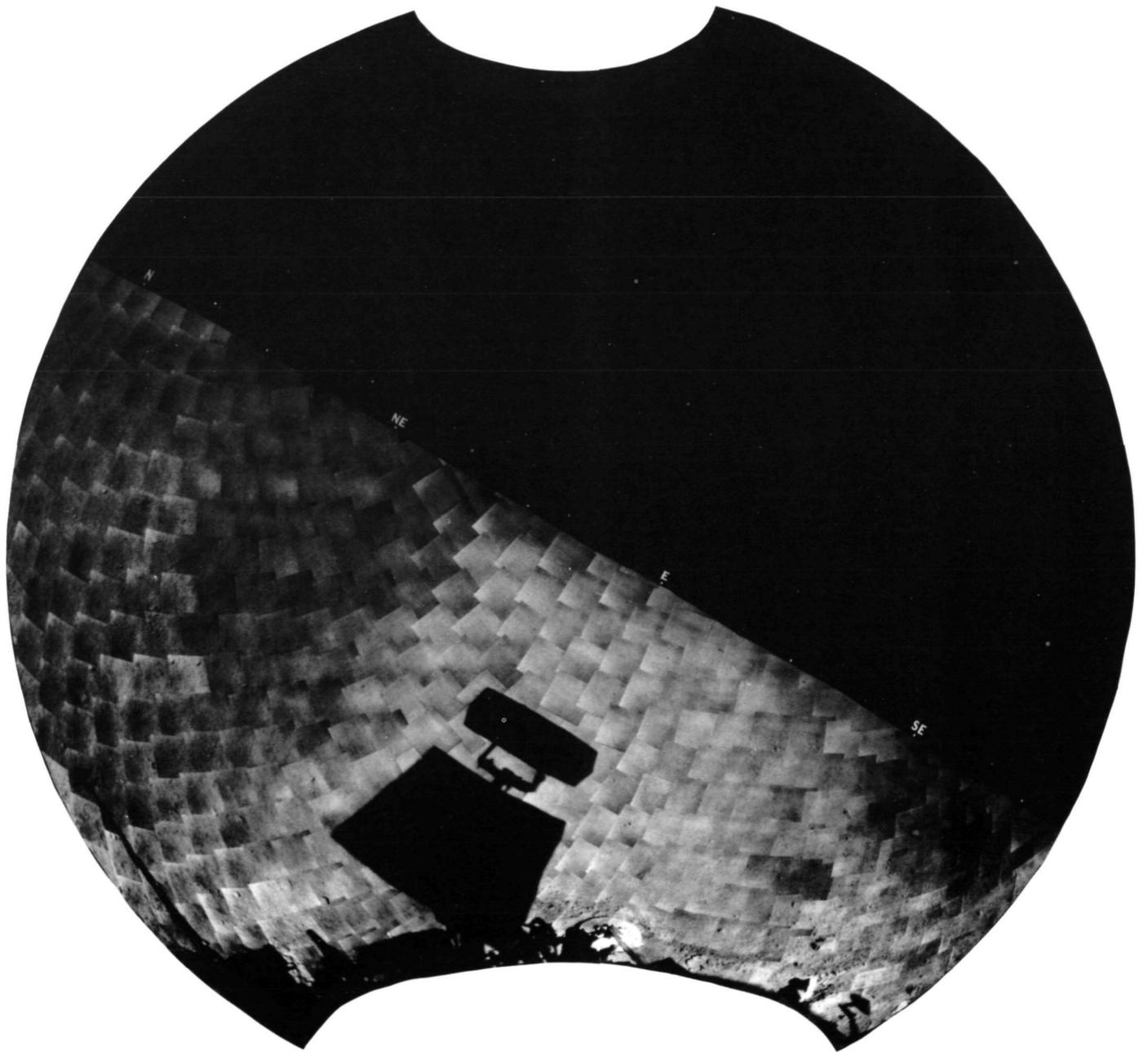


Figure 19.—Spherical mosaic of the eastern half of survey F. (USGS 369-552)



Figure 20.—Spherical mosaic of the southern half of survey F. (USGS 369-551)



Figure 21(a).—Survey F, near-field segment. Spacecraft parts appear on the left side of the mosaic in the following order from top to bottom: footpad three, omnidirectional antenna B, helium tank, the alpha scattering instrument deployment arm, and the alpha scattering instrument. (USGS 369-507)

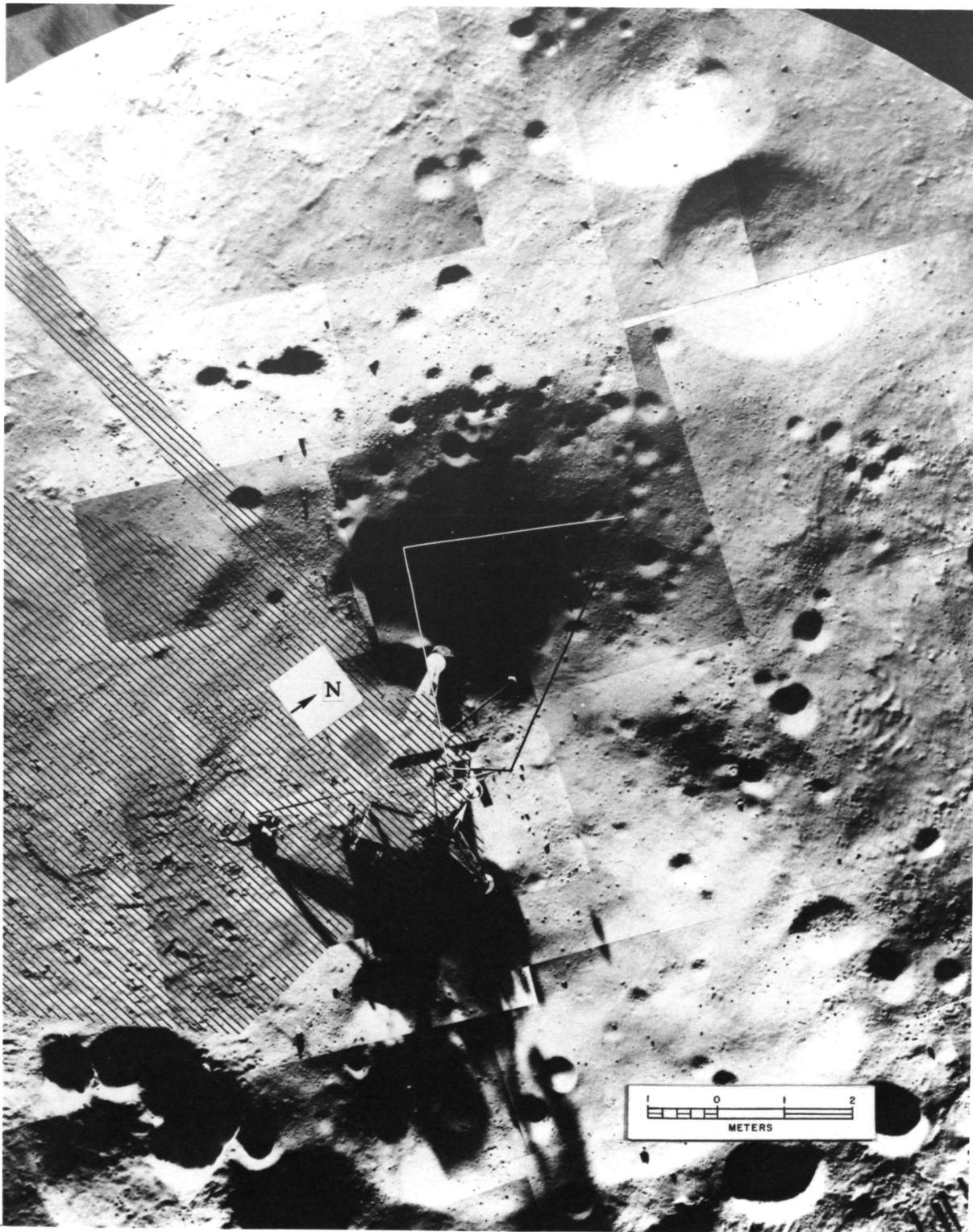


Figure 21(b).—Physical model of the surface of figure 21(a).

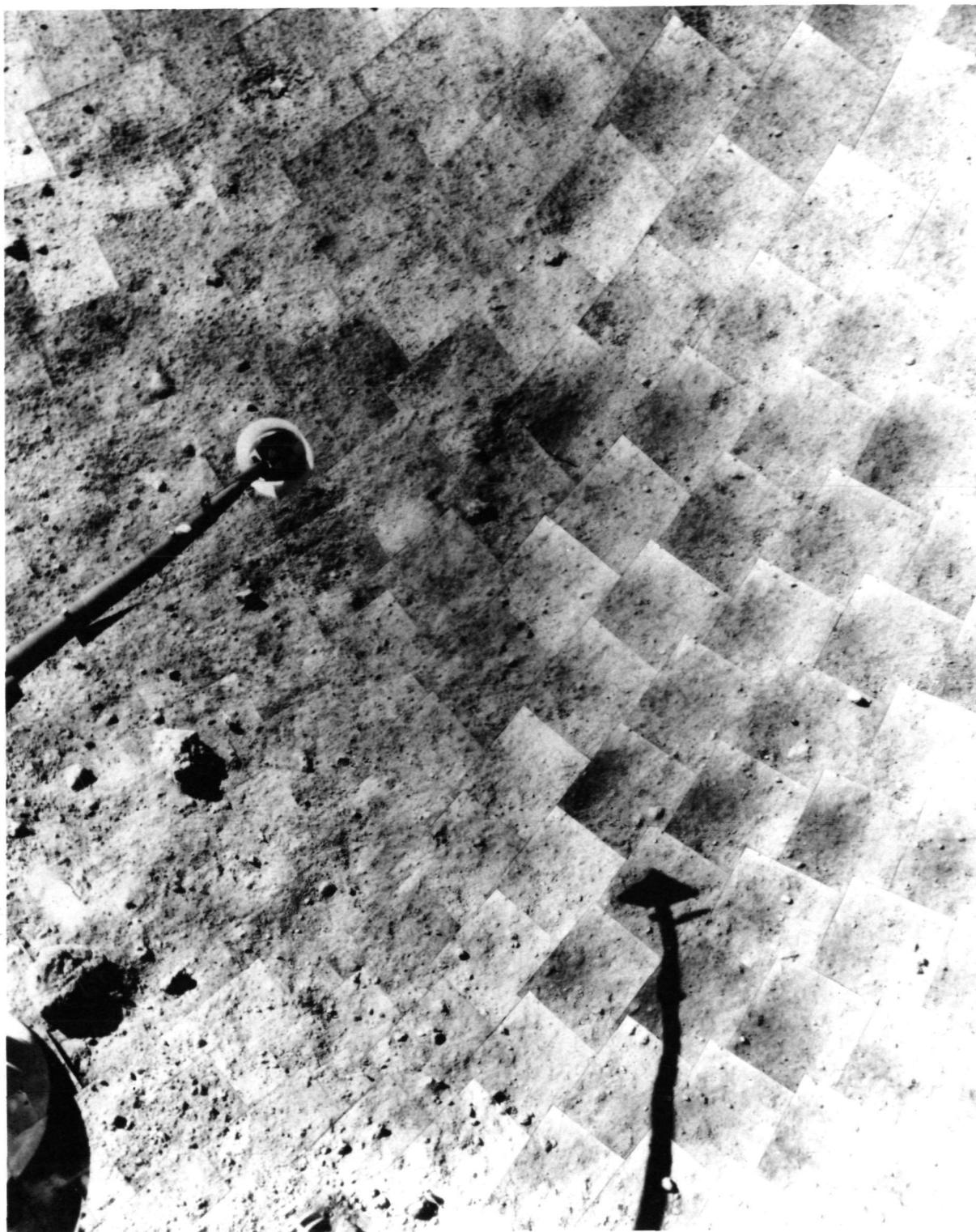


Figure 22(a).—Survey F, near-field segment. Omnidirectional antenna B, with calibration chart attached, appears in the picture, along with part of the helium tank and part of the alpha scattering instrument deployment arm. (USGS 369-508)

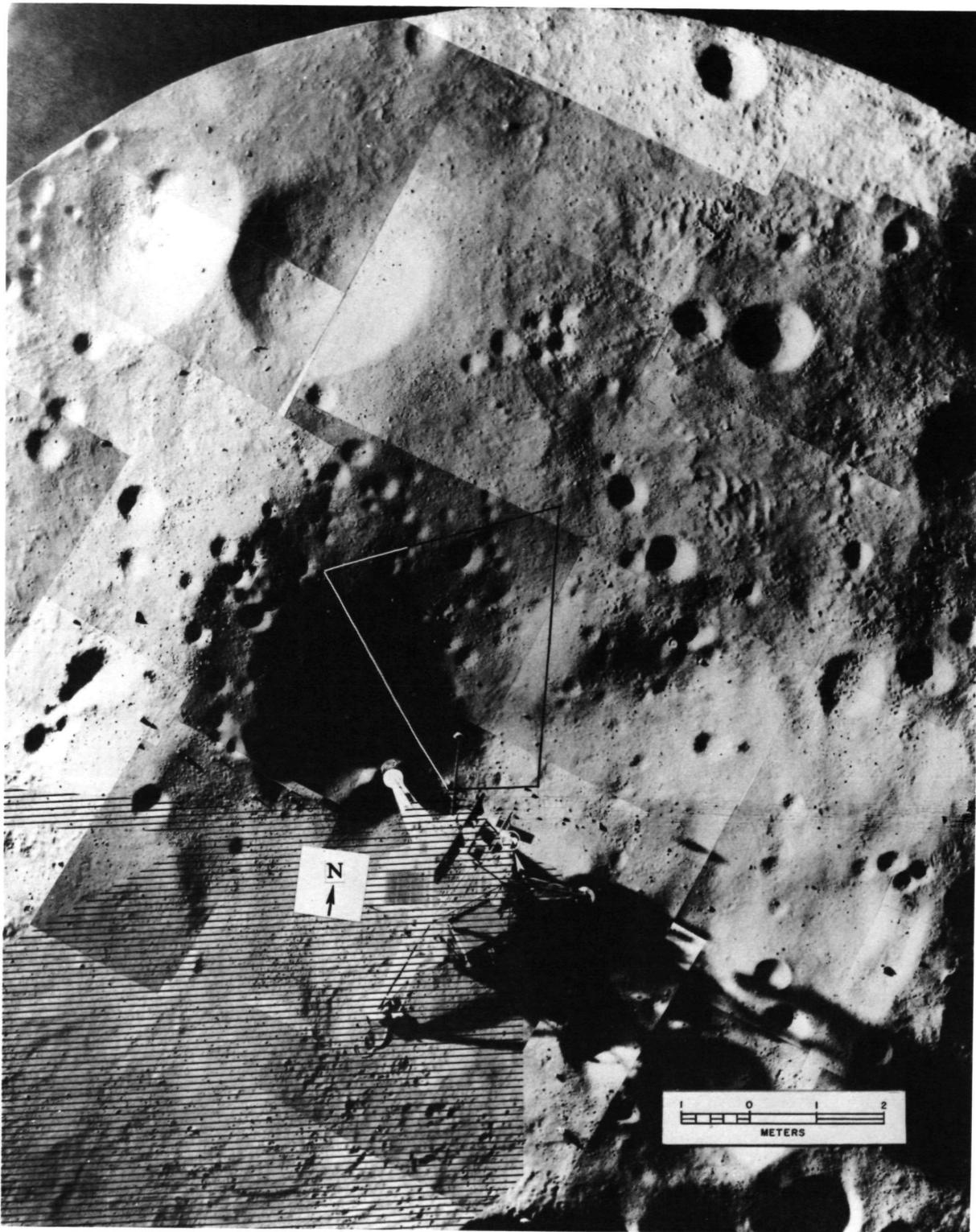


Figure 22(b).—Physical model of the surface of figure 22(a).

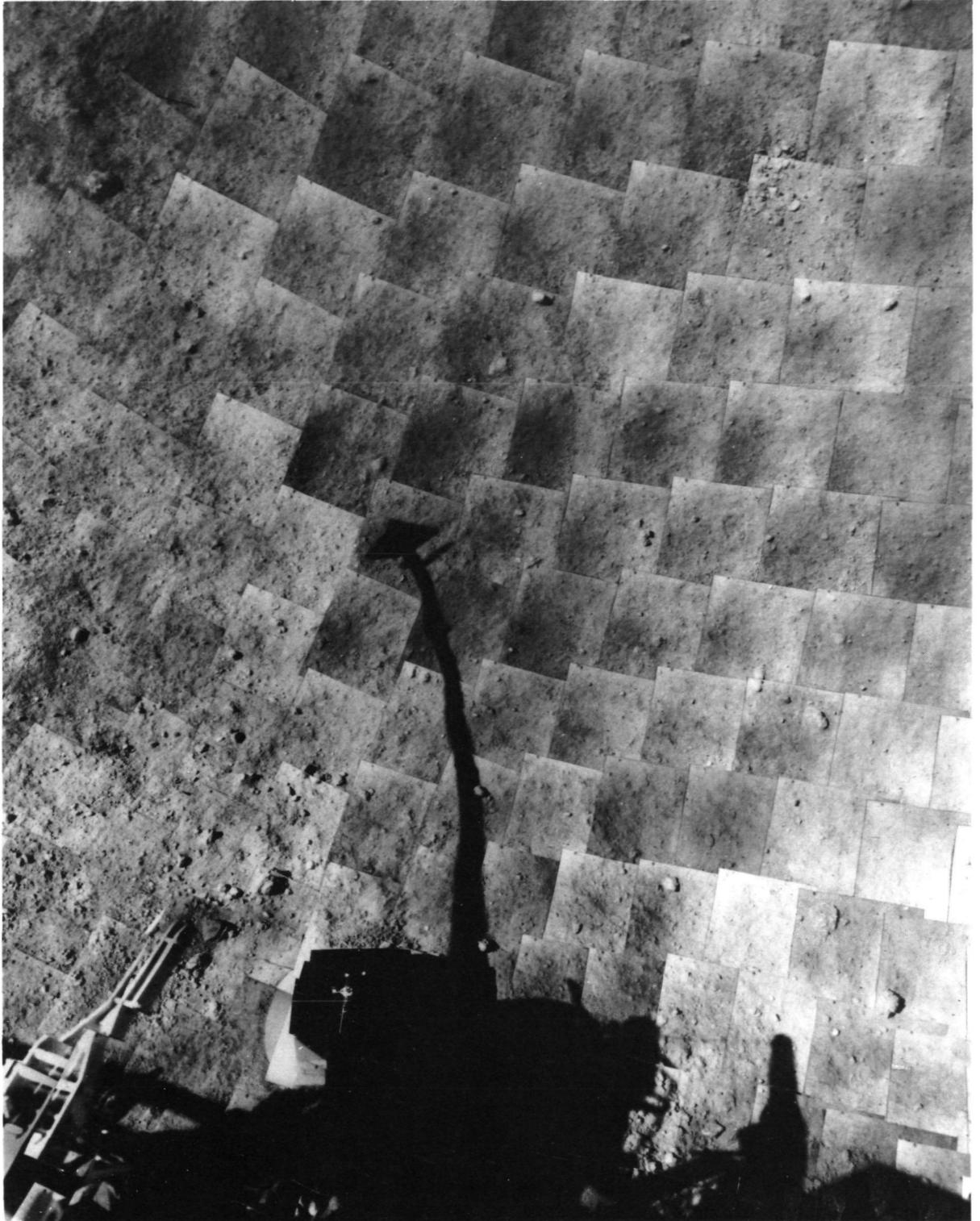


Figure 23(a).—Survey F, near-field segment. The alpha scattering instrument deployment arm appears in the lower left corner of the mosaic. The instrument itself is on the surface, partially shaded. (USGS 369-509)

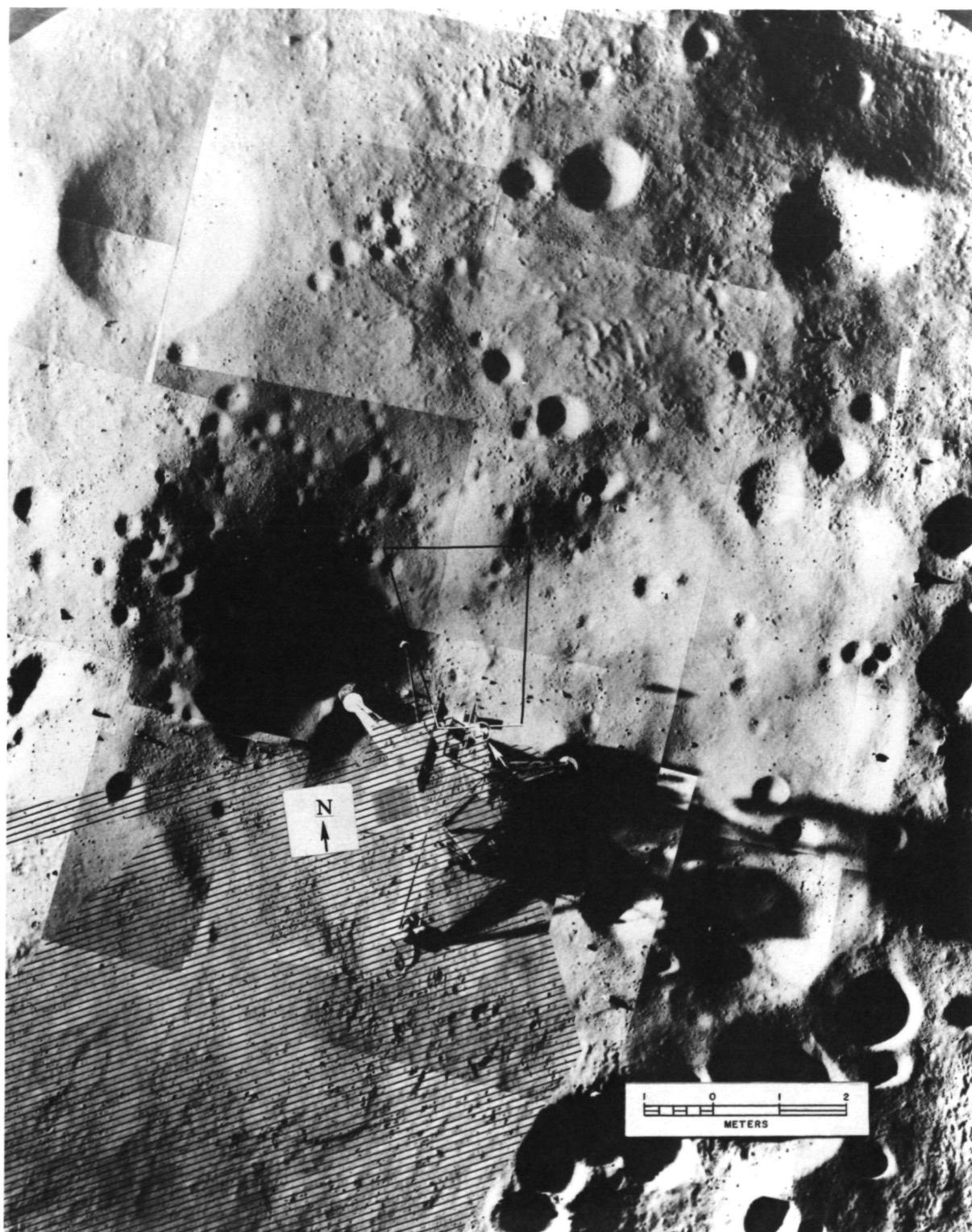


Figure 23(b).—Physical model of the surface of figure 23(a).



Figure 24(a).—Survey F, near-field segment. The alpha scattering instrument deployment arm appears in the lower left corner of the mosaic. The instrument itself is on the surface, partially shaded. (USGS 369-510)

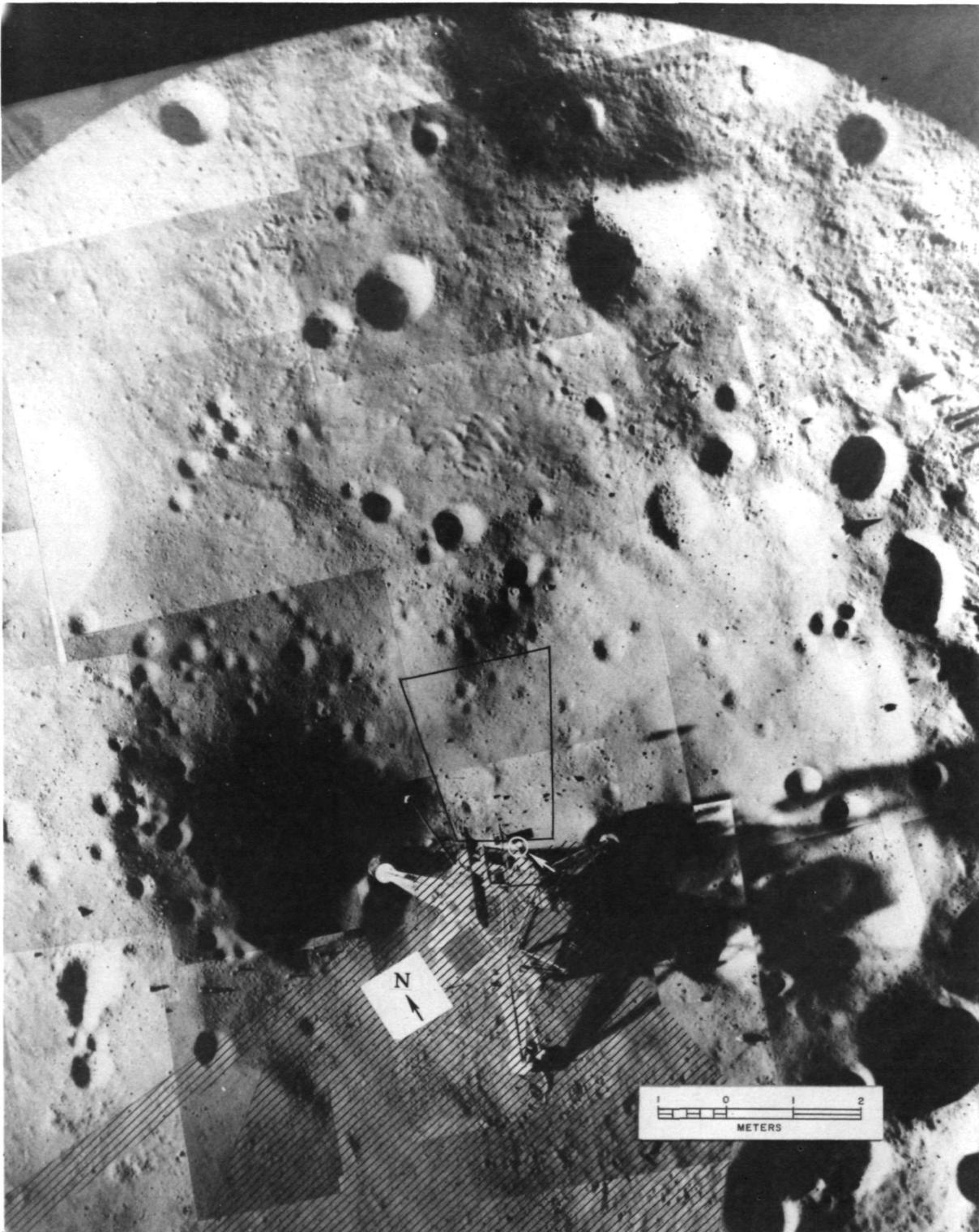


Figure 24(b).—Physical model of the surface of figure 24(a).

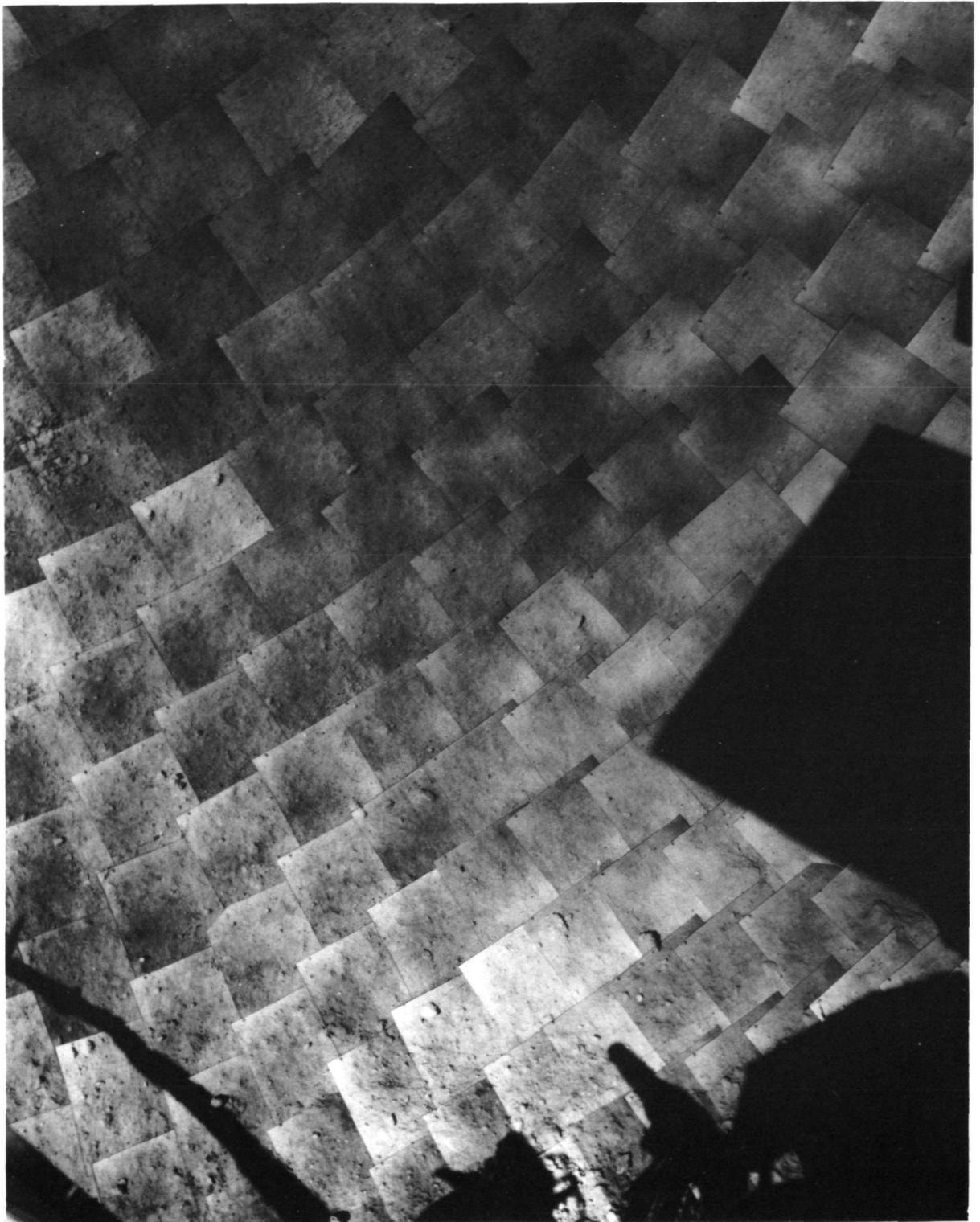


Figure 25(a).—Survey F, near-field segment. The shadow of the solar panel is on the right edge of the mosaic. (USGS 369-516)

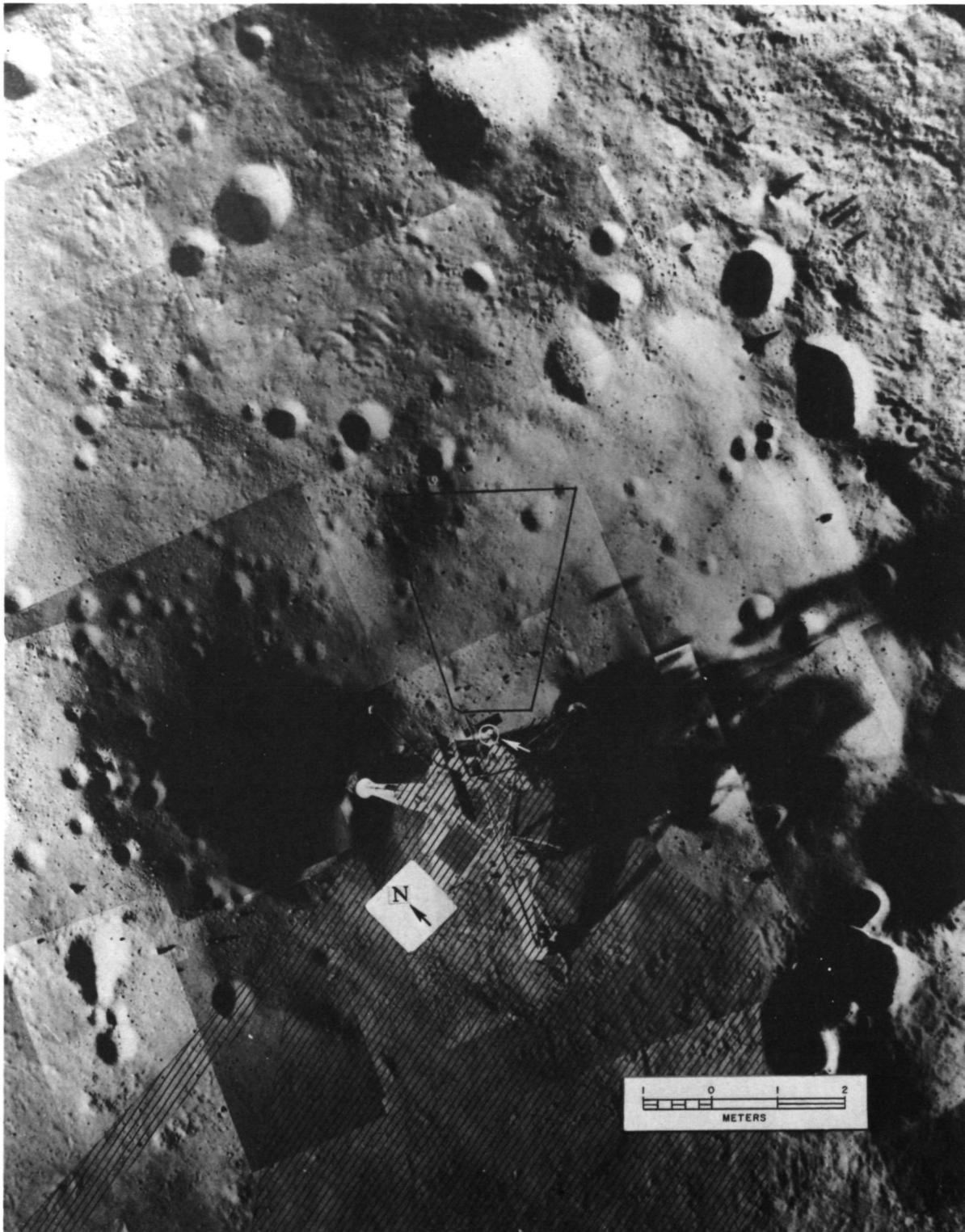


Figure 25(b).—Physical model of the surface of figure 25(a).

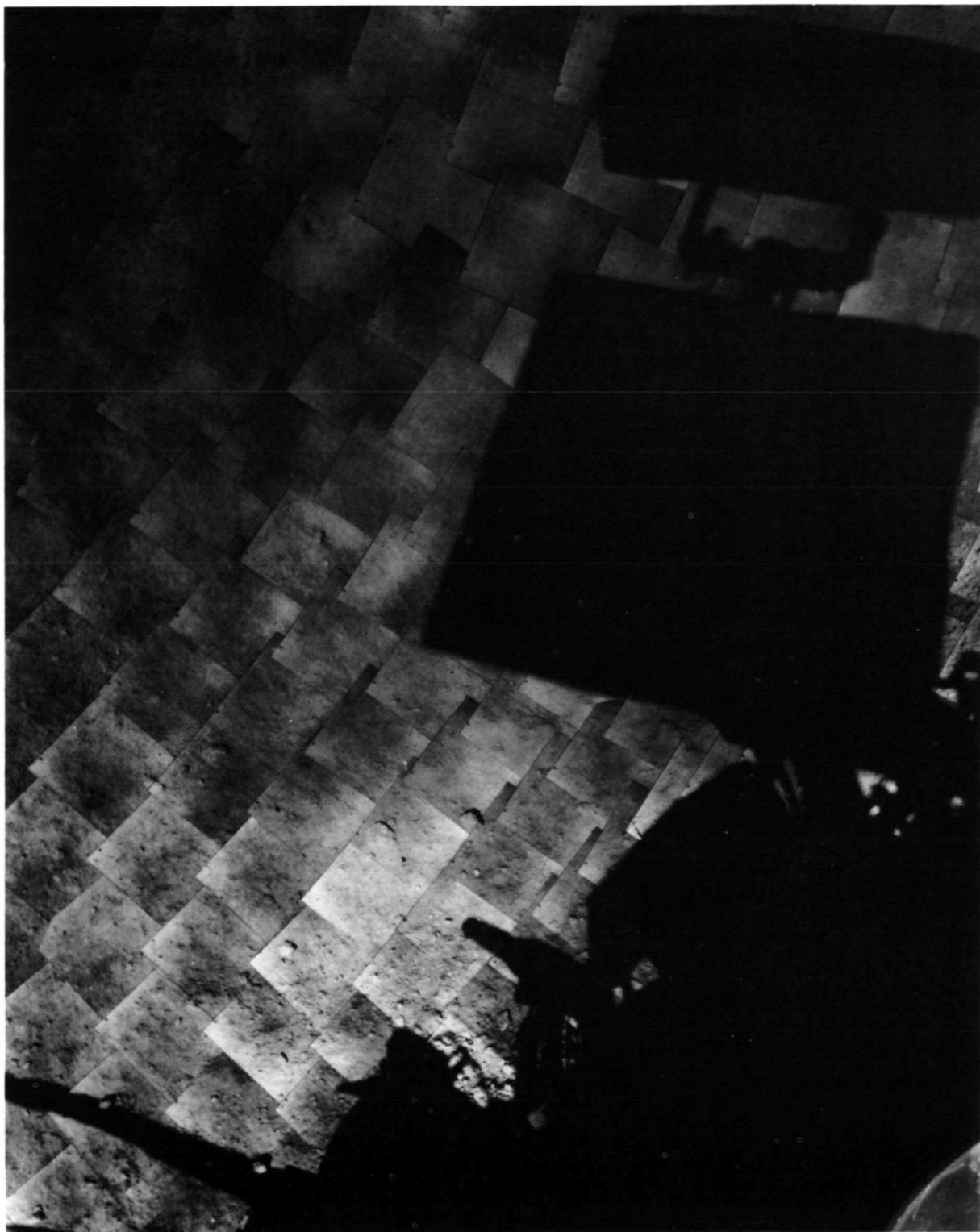


Figure 26(a).—Survey F, near-field segment. The shadow of the high-gain antenna and the solar panel appear in the right half of the mosaic. Lunar surface in the lower right is occulted by the camera structure. (USGS 369-517)

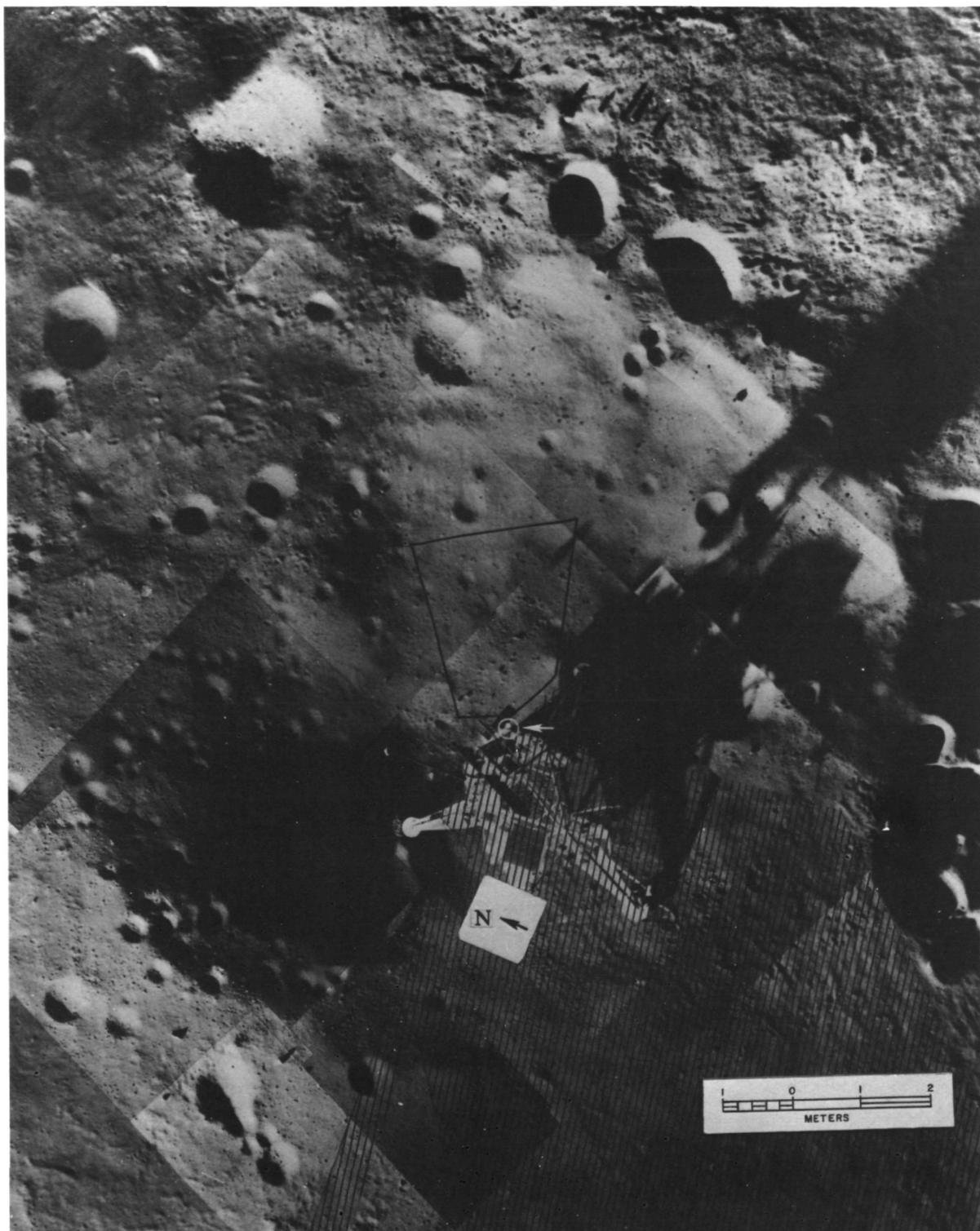


Figure 26(b).—Physical model of the surface of figure 26(a).



Figure 27(a).—Survey F, near-field segment. The shadow of the solar panel and high-gain antenna appears in the center of the picture. Lunar surface in the lower right corner is occulted by camera structure. Footpad two and the calibration chart on leg two are above the vignettted area on the right edge of the picture. (USGS 369-518)

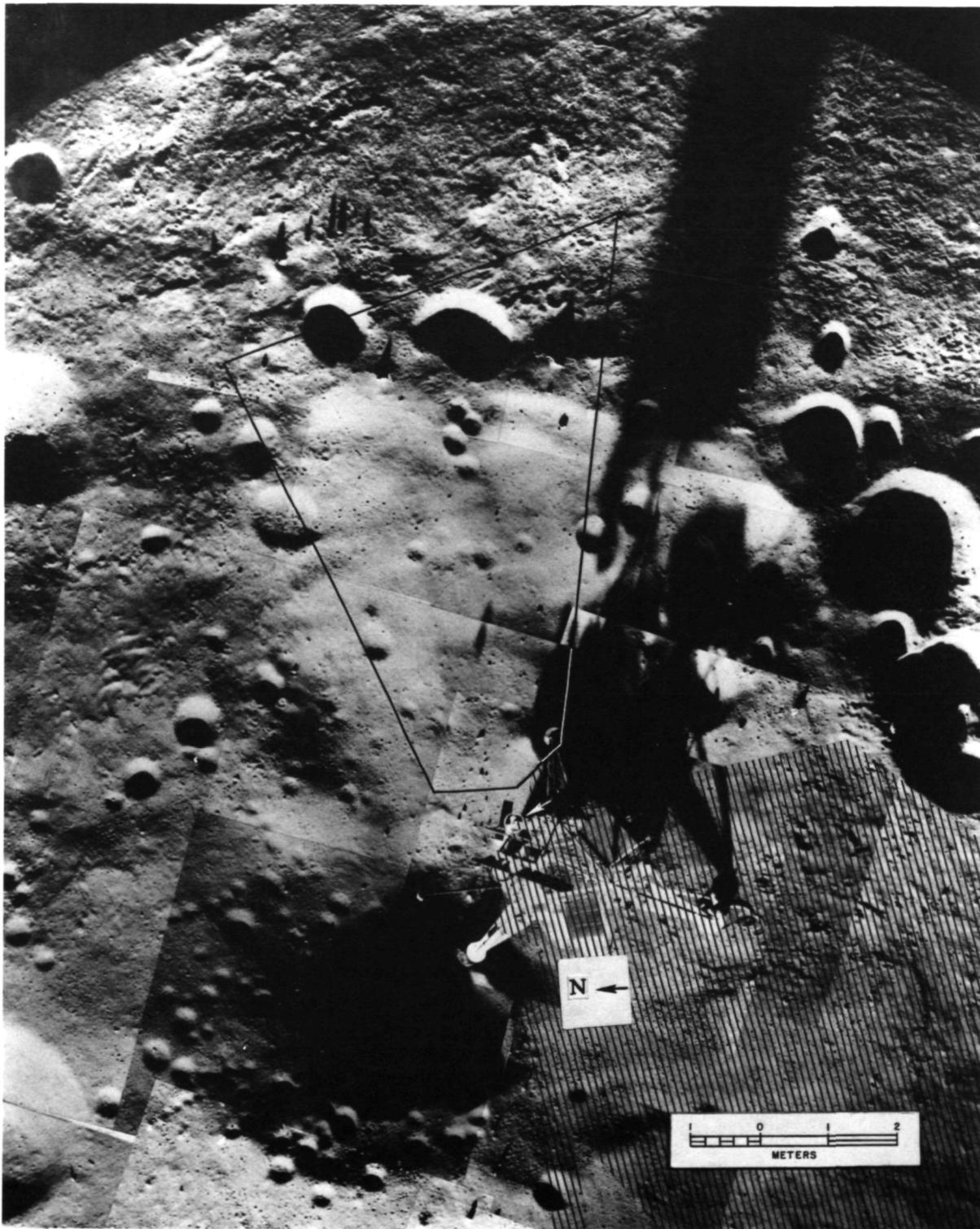


Figure 27(b).—Physical model of the surface of figure 27(a).

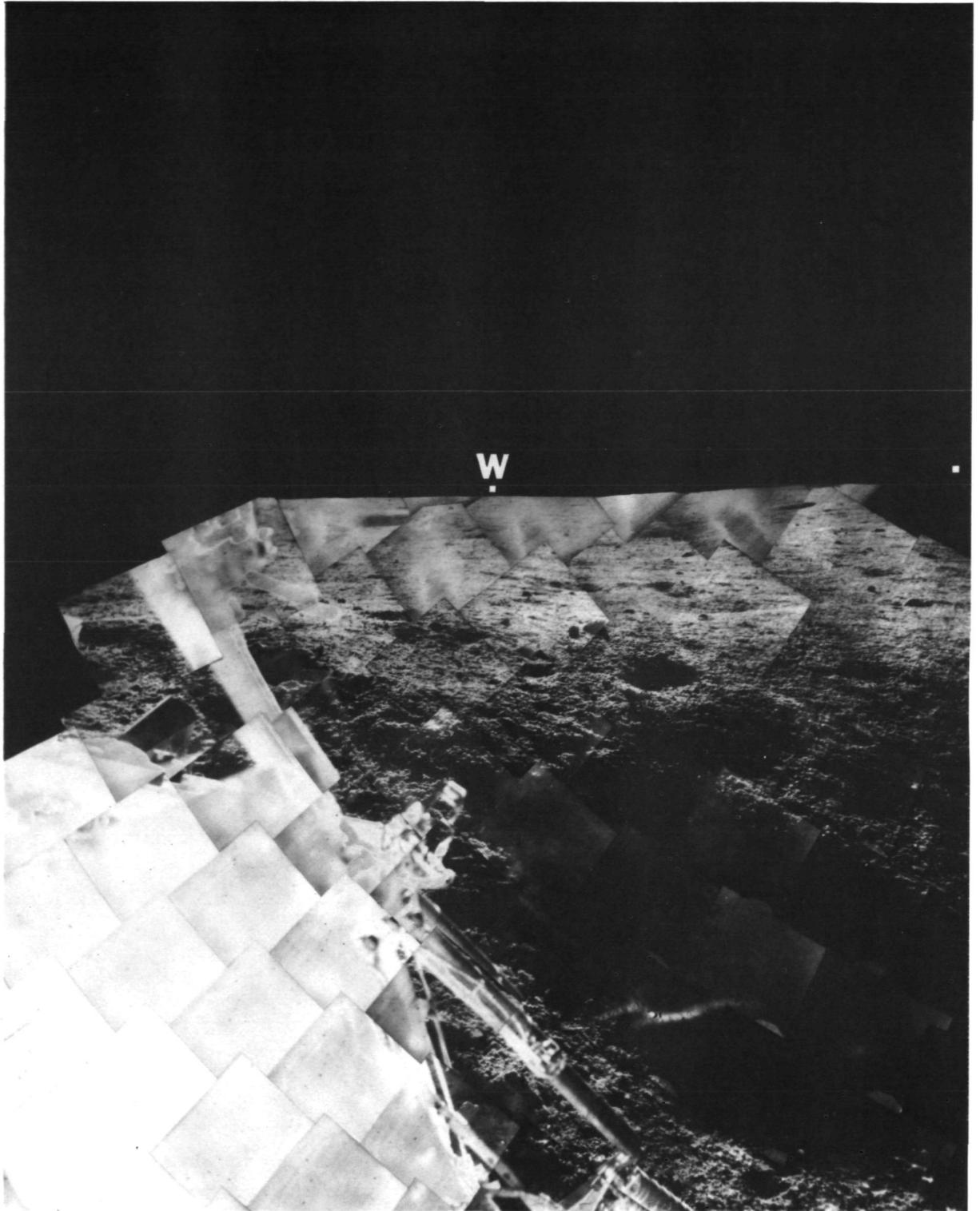


Figure 28(a).—Survey J far-field segment, looking west. The inner wall of the small crater in which Surveyor 5 landed is filling with shadow. The white area in the lower left is electronics compartment C, above which can be seen the dark sunshade of the Canopus sensor. Spacecraft leg three support members are visible in the foreground. Many of the pictures in the mosaic are degraded by veiling glare, caused by sunlight striking the camera lens. (USGS 369-526)

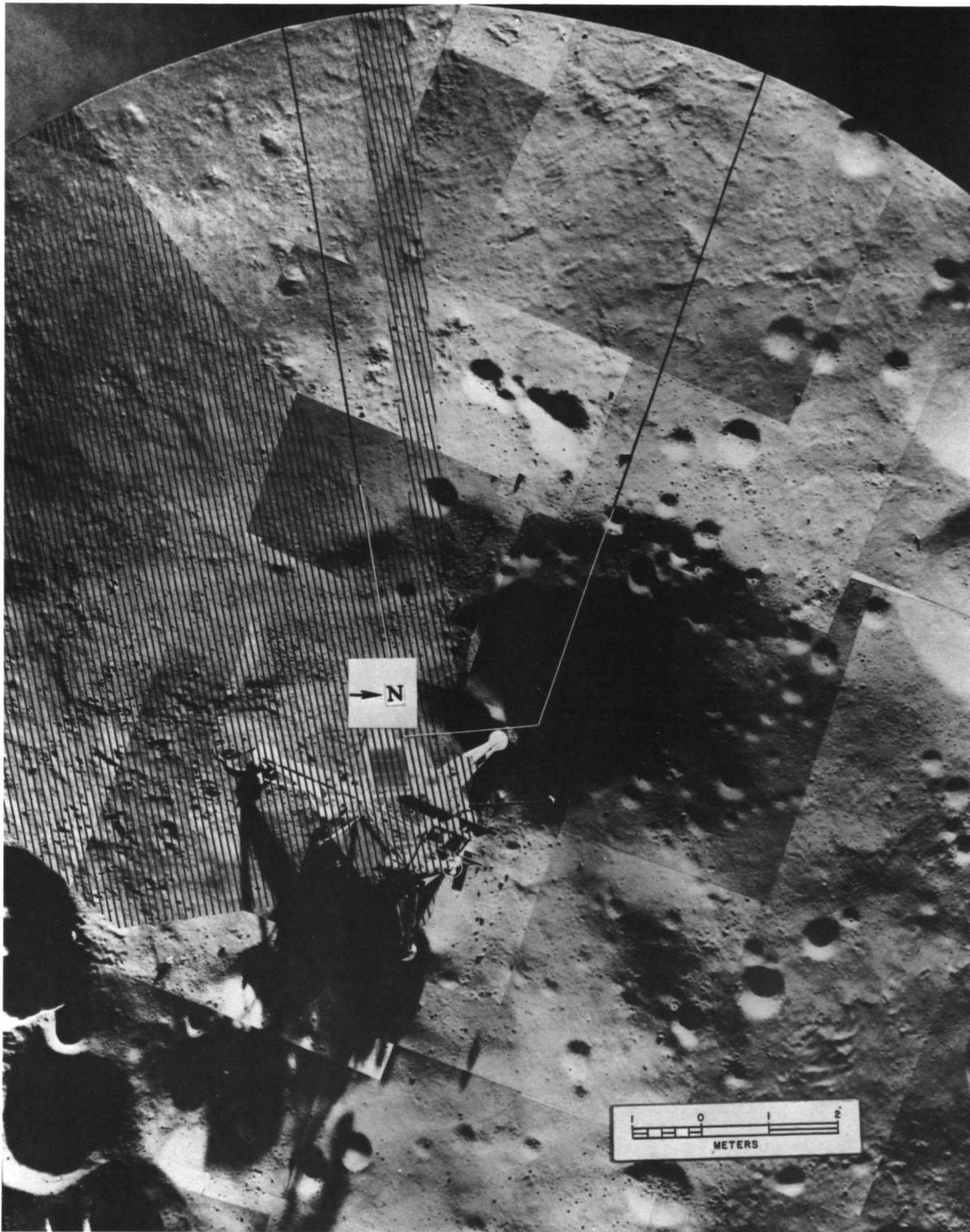


Figure 28(b).—Physical model of the foreground of figure 28(a).

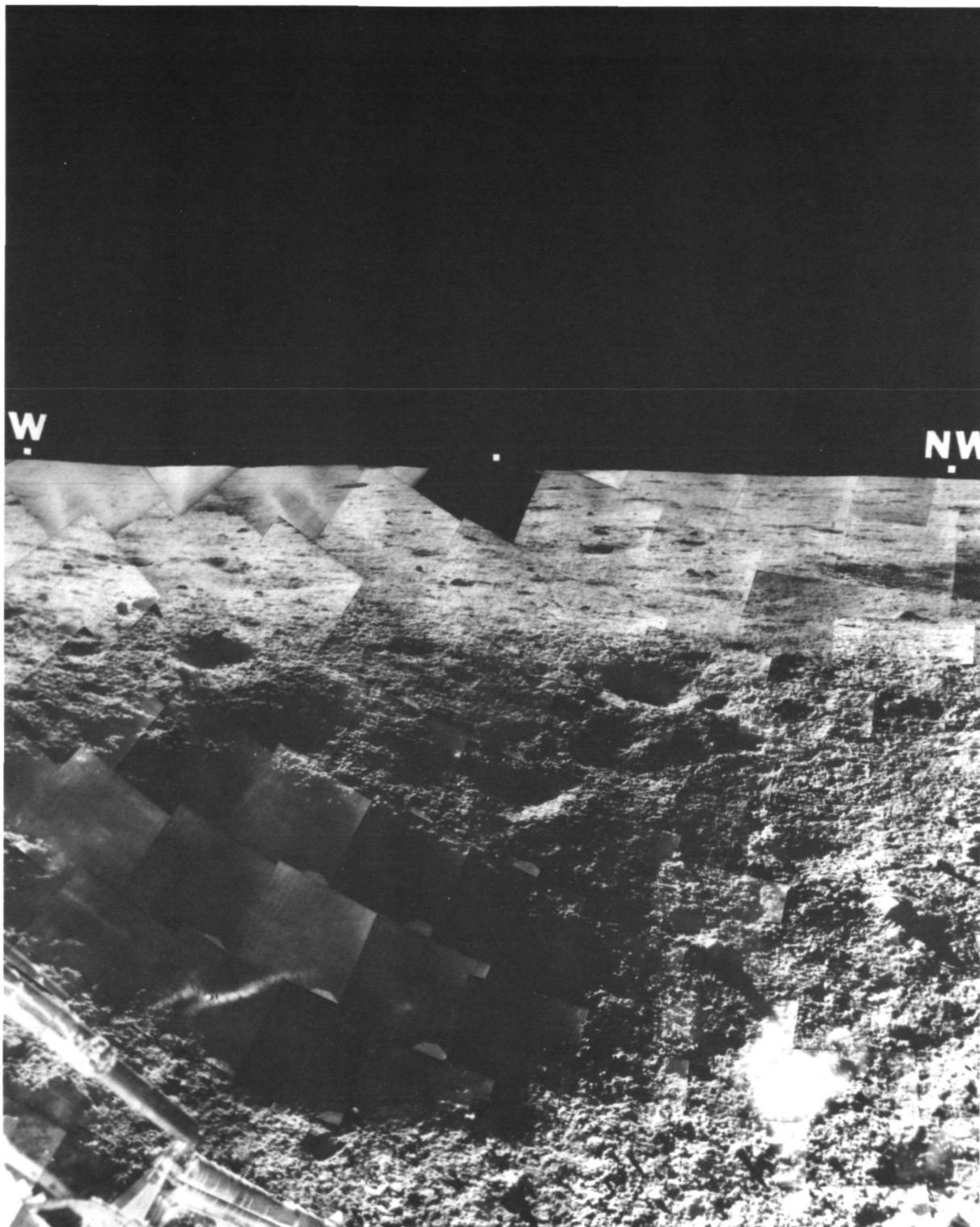


Figure 29(a).—Survey J far-field segment, looking west-northwest. The inner wall of the small crater in which Surveyor 5 landed is filling with shadow. The bright blurry spot in the lower right is a reflection on the surface of a polished spacecraft part. The shock absorber on leg three of the spacecraft appears in the lower left corner, as does part of the skid mark made by footpad three. (USGS 369-527)

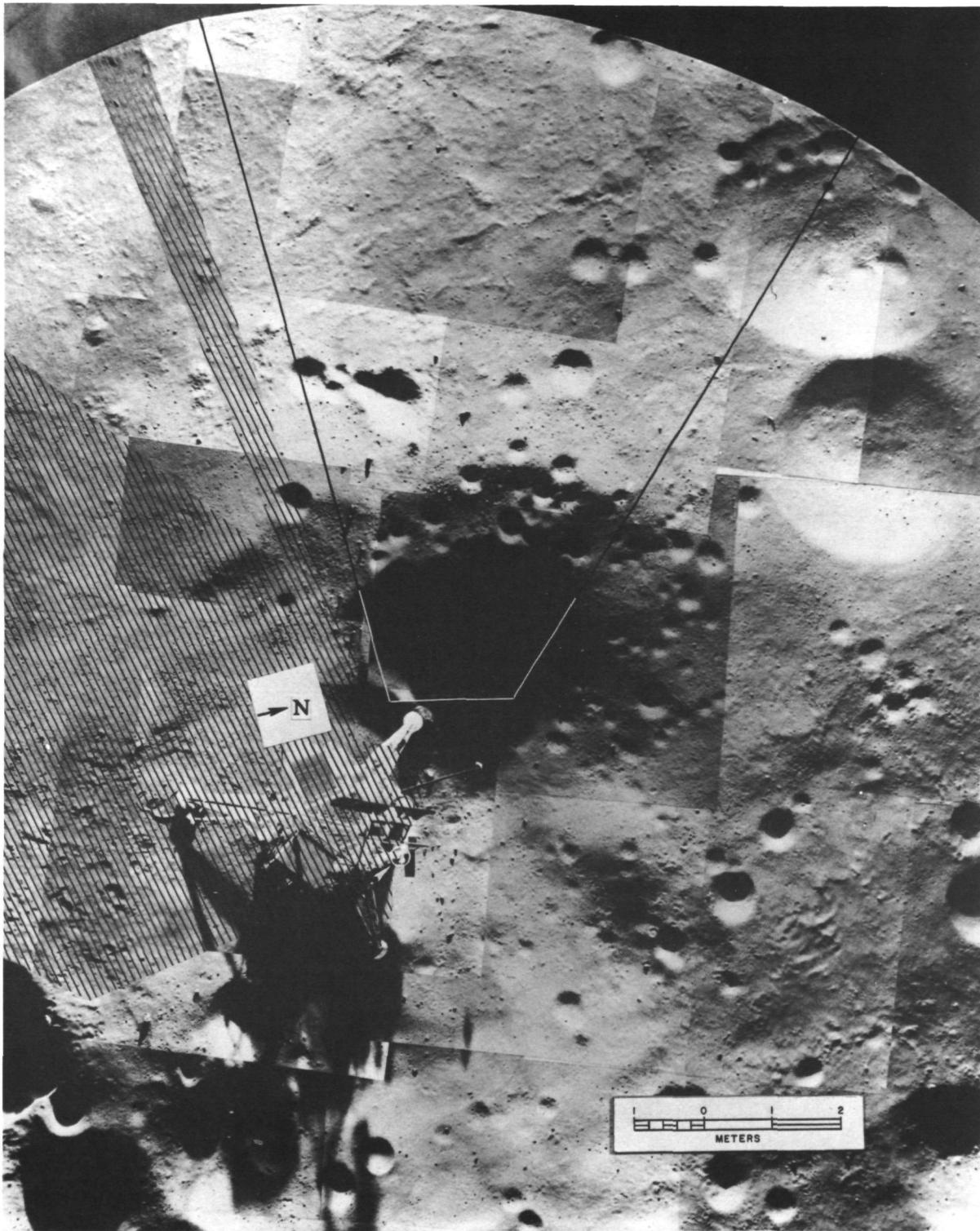


Figure 29(b).—Physical model of the foreground of figure 29(a).

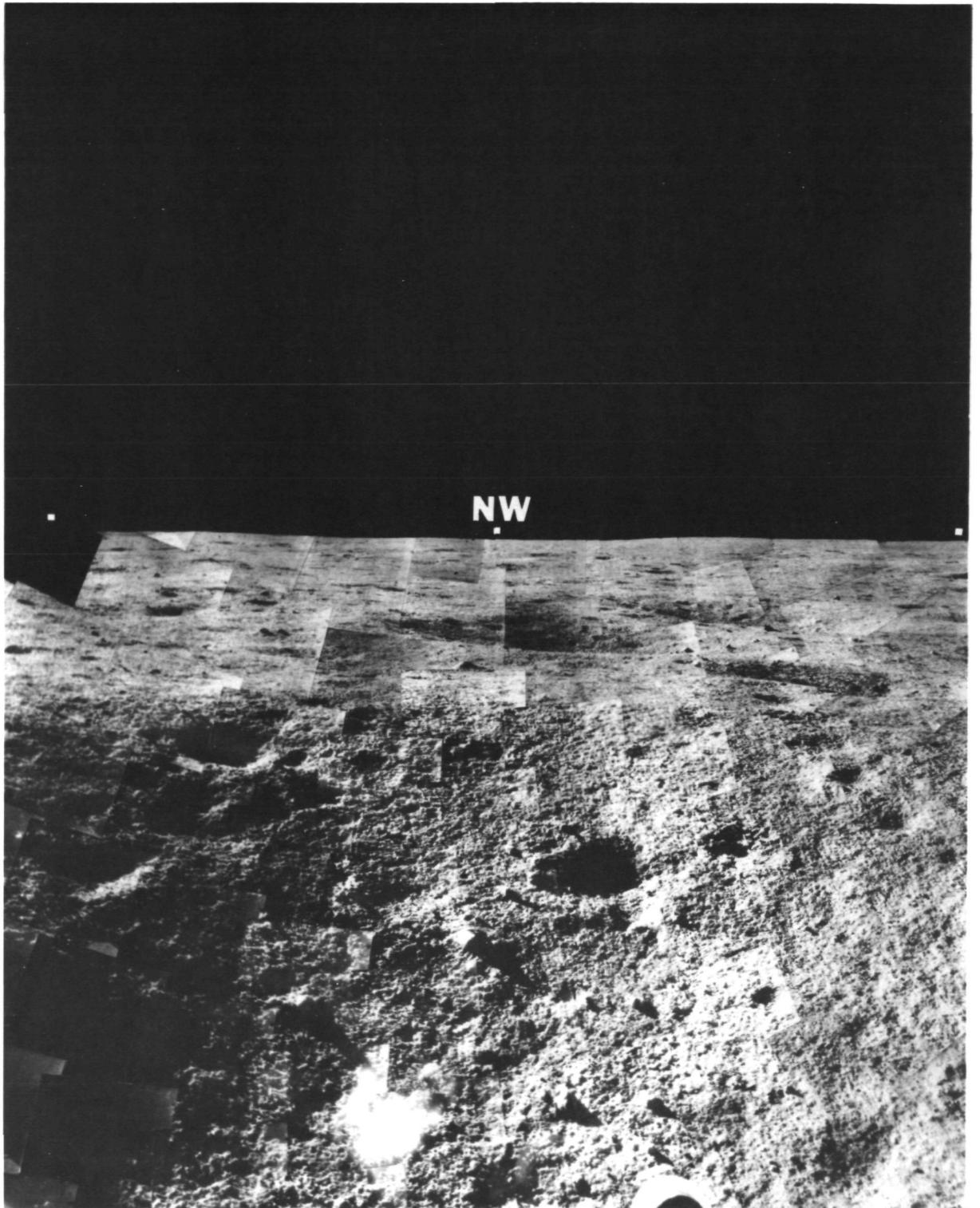


Figure 30(a).—Survey J far-field segment, looking northwest. The inner wall of the small crater in which Surveyor 5 landed occupies the lower three-fourths of the picture, accounting for the abrupt change in apparent surface texture. A bright reflection from the spacecraft appears in the lower part of the picture. (USGS 369-528)

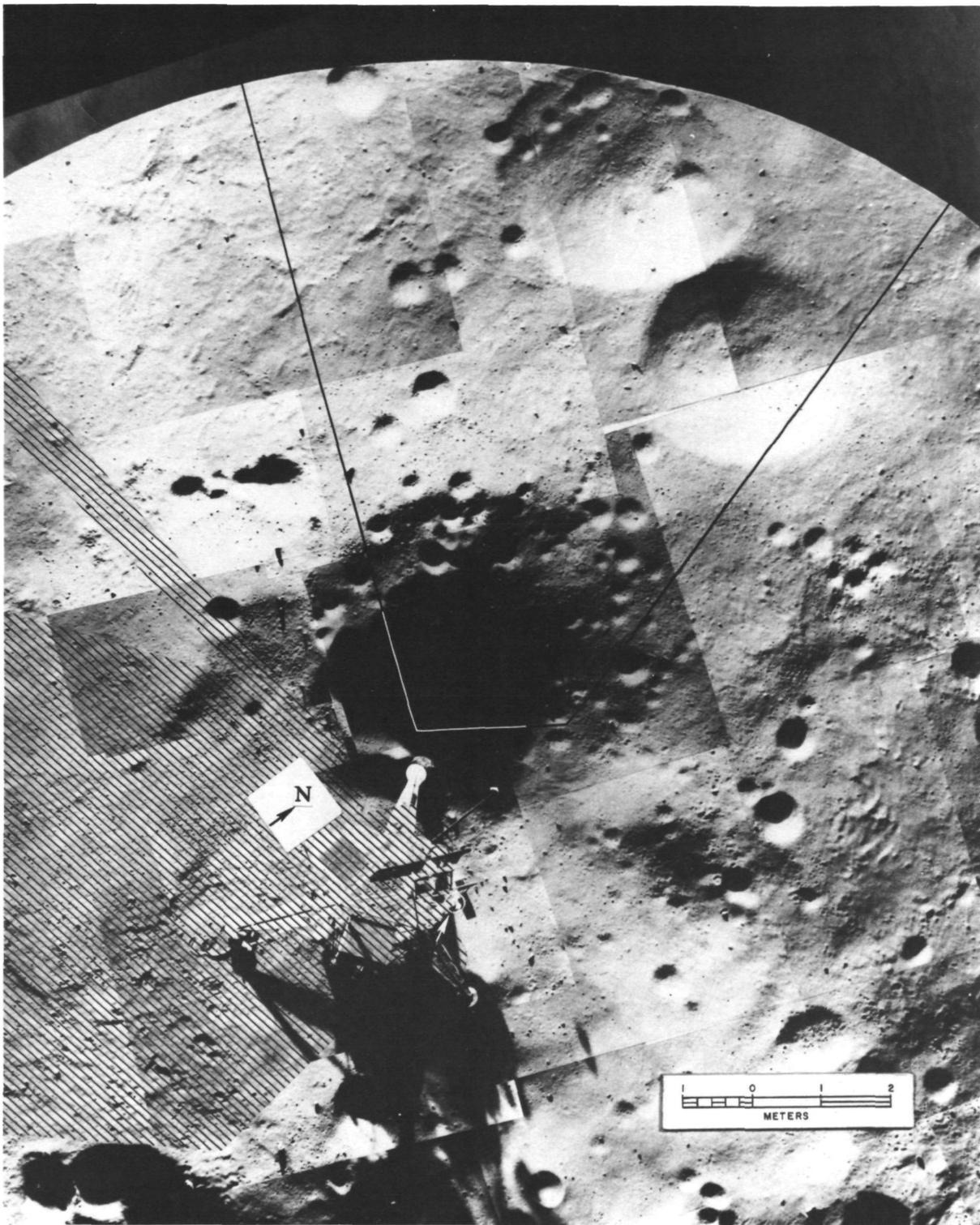


Figure 30(b).—Physical model of the foreground of figure 30(a).

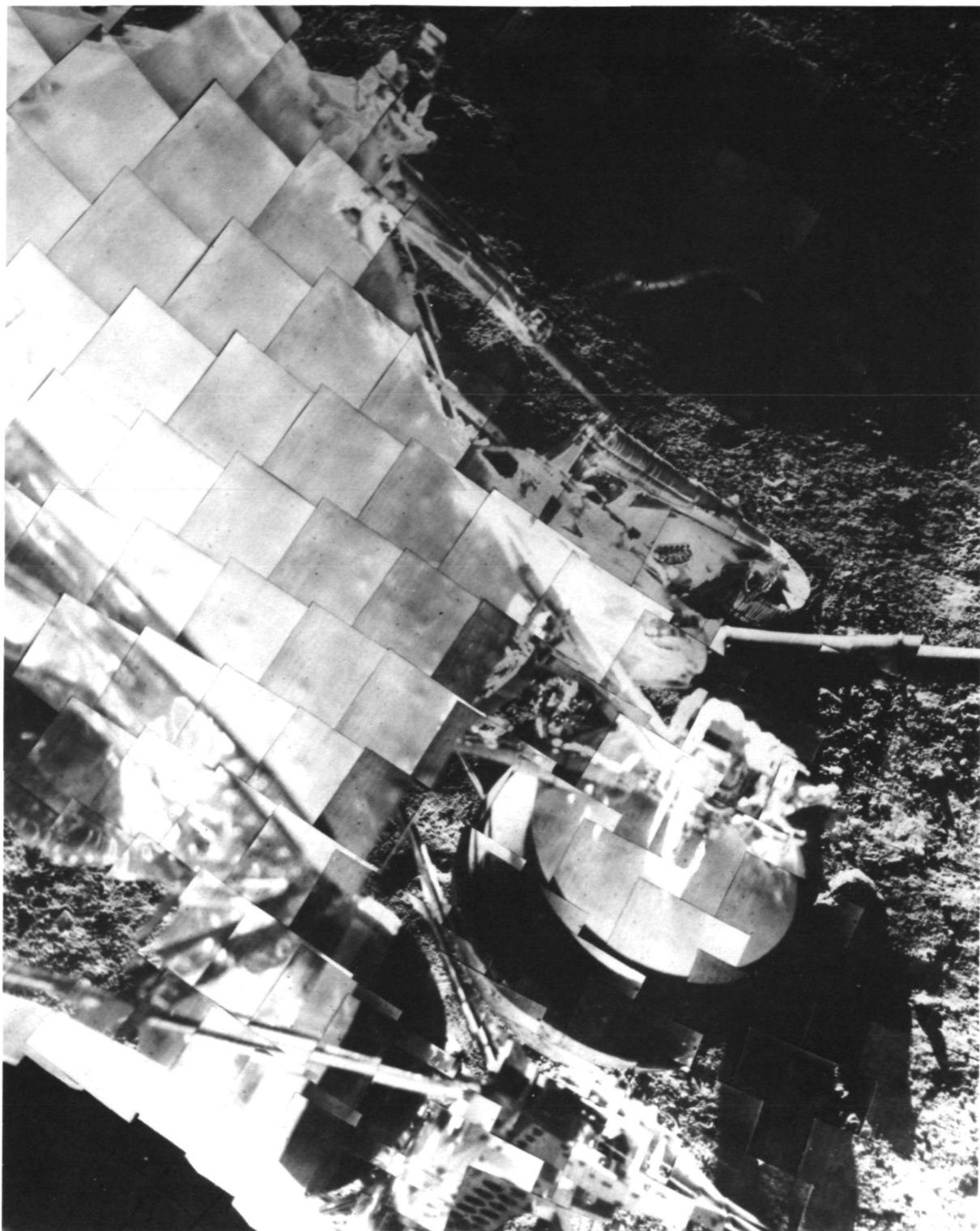


Figure 31(a).—Survey J near-field segment. Spacecraft leg three, the base of omnidirectional antenna B, and the helium tank appear in the picture. A depression in the western inner wall of the crater in which the spacecraft landed is filling with shadow. (USGS 369-529)

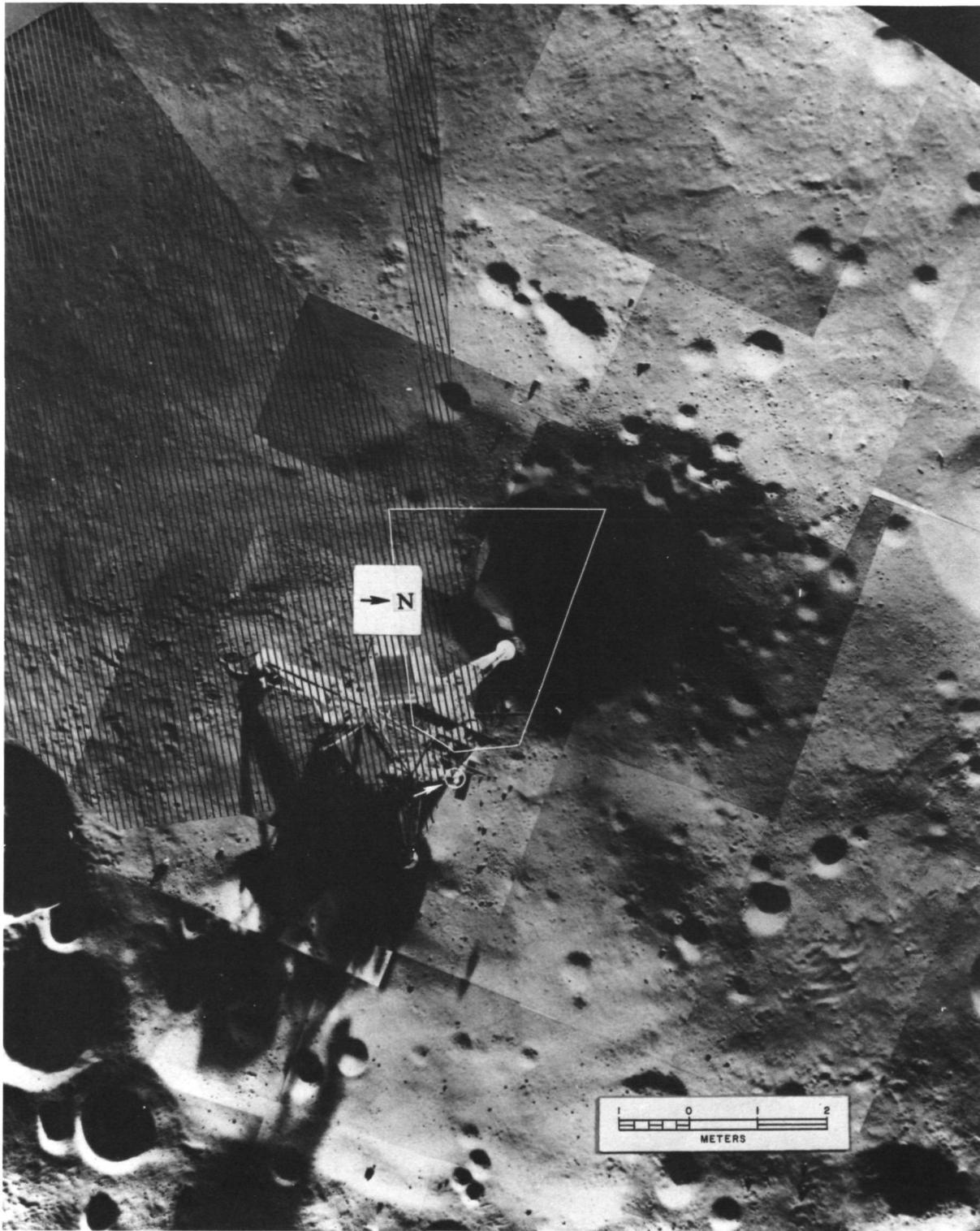


Figure 31(b).—Physical model of the surface of figure 31(a).

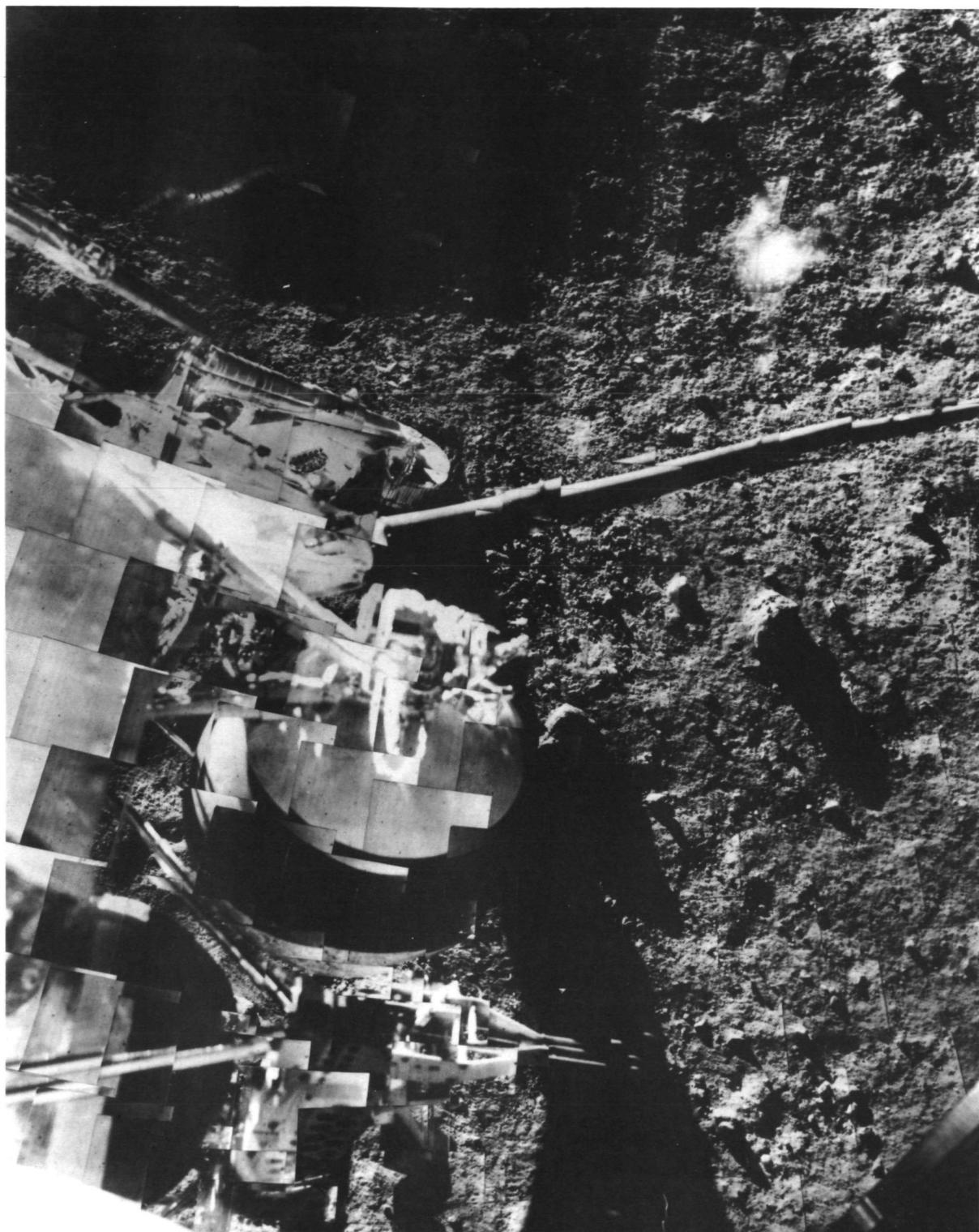


Figure 32(a).—Survey J, near-field segment. Spacecraft parts appear on the left side of the mosaic in the following order from top to bottom: footpad three, omnidirectional antenna B, helium tank, and the alpha scattering instrument deployment arm. The bright blurry spot above the antenna boom is a reflection on the lunar surface of a polished surface on the spacecraft. (USGS 369-530)

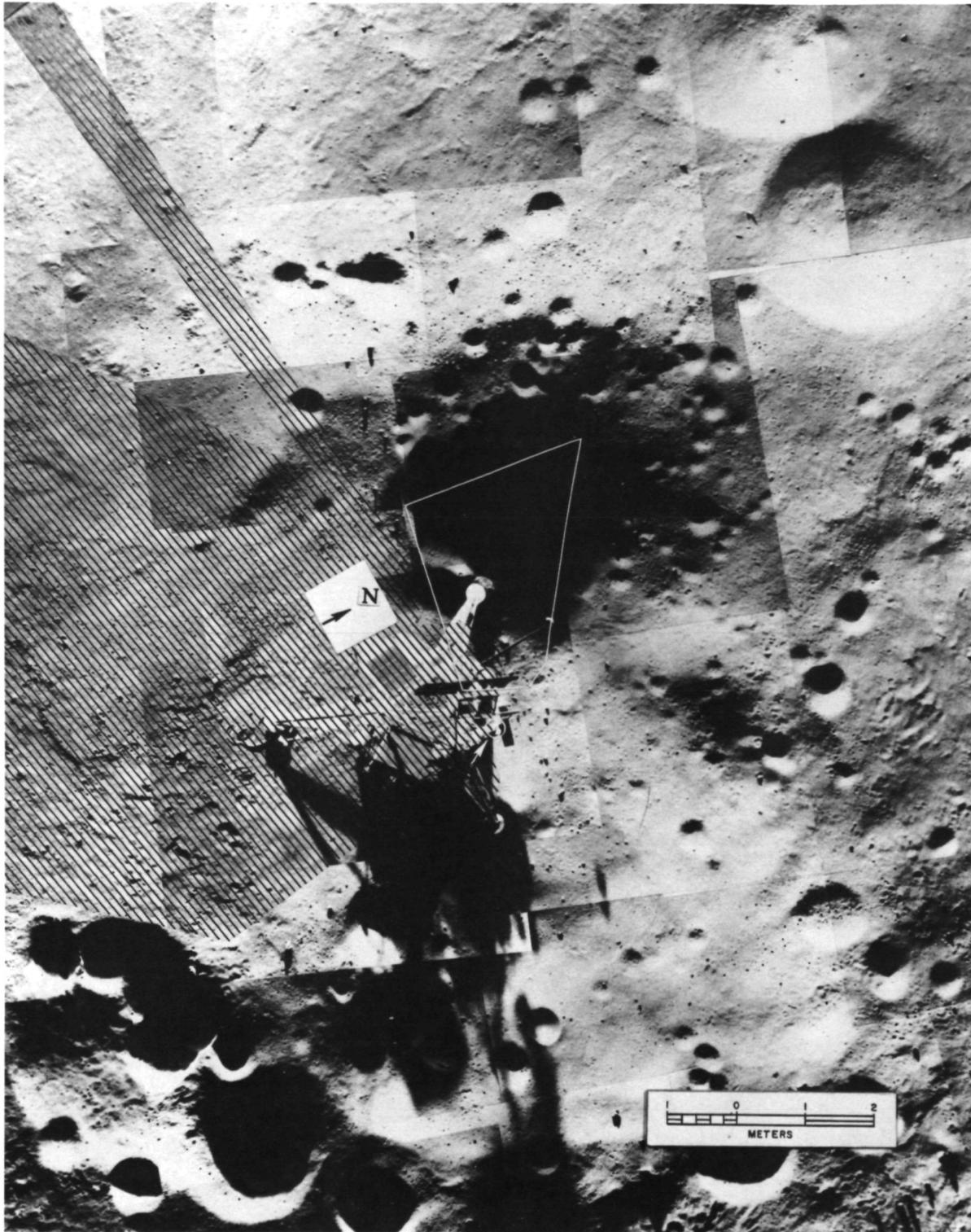


Figure 32(b).—Physical model of the surface of figure 32(b).

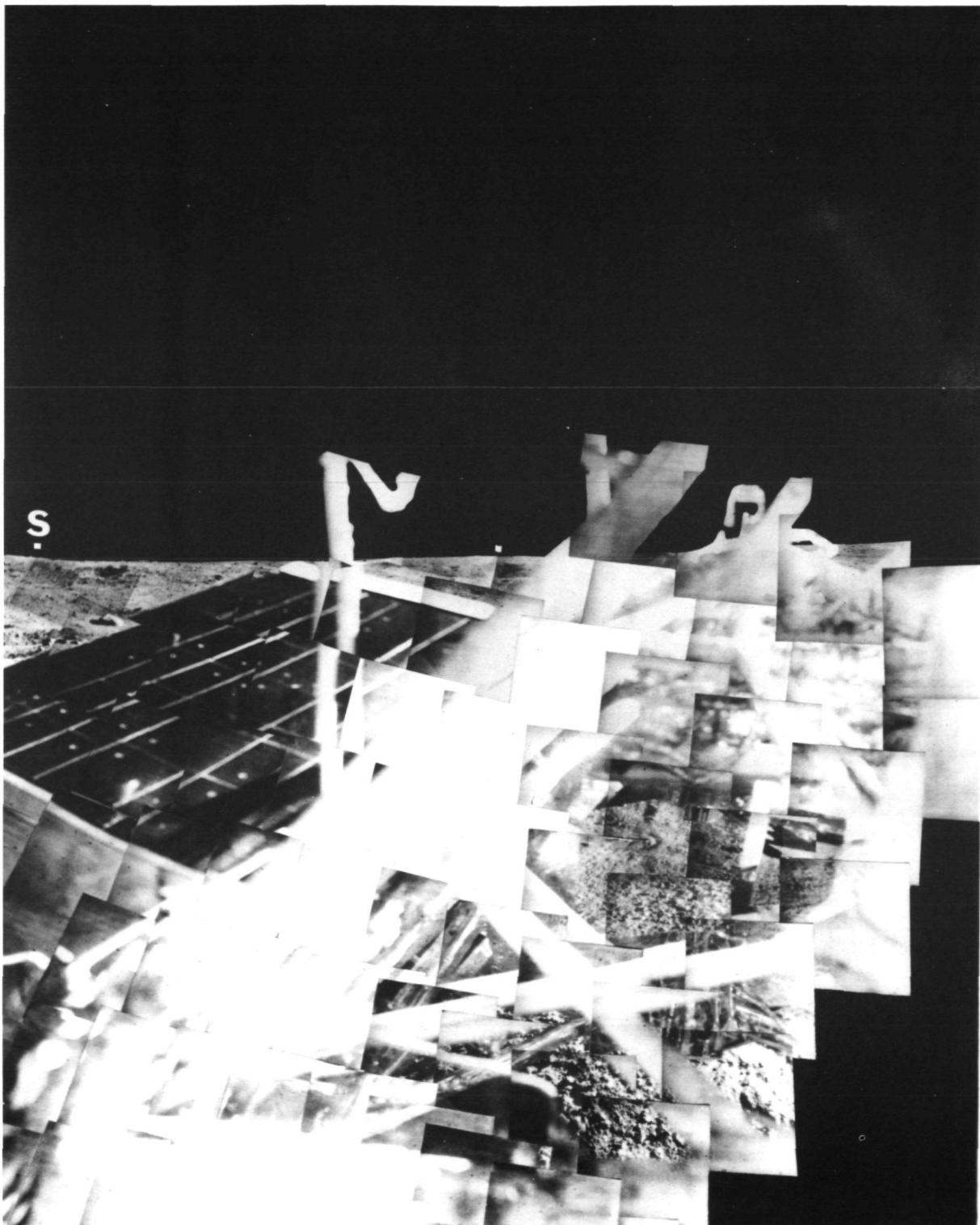


Figure 33.—Survey J, far-field segment, looking south-southwest. Although spacecraft structures block most of the view, important features such as a large crater on the horizon above electronics compartment C are visible. (USGS 369-525)

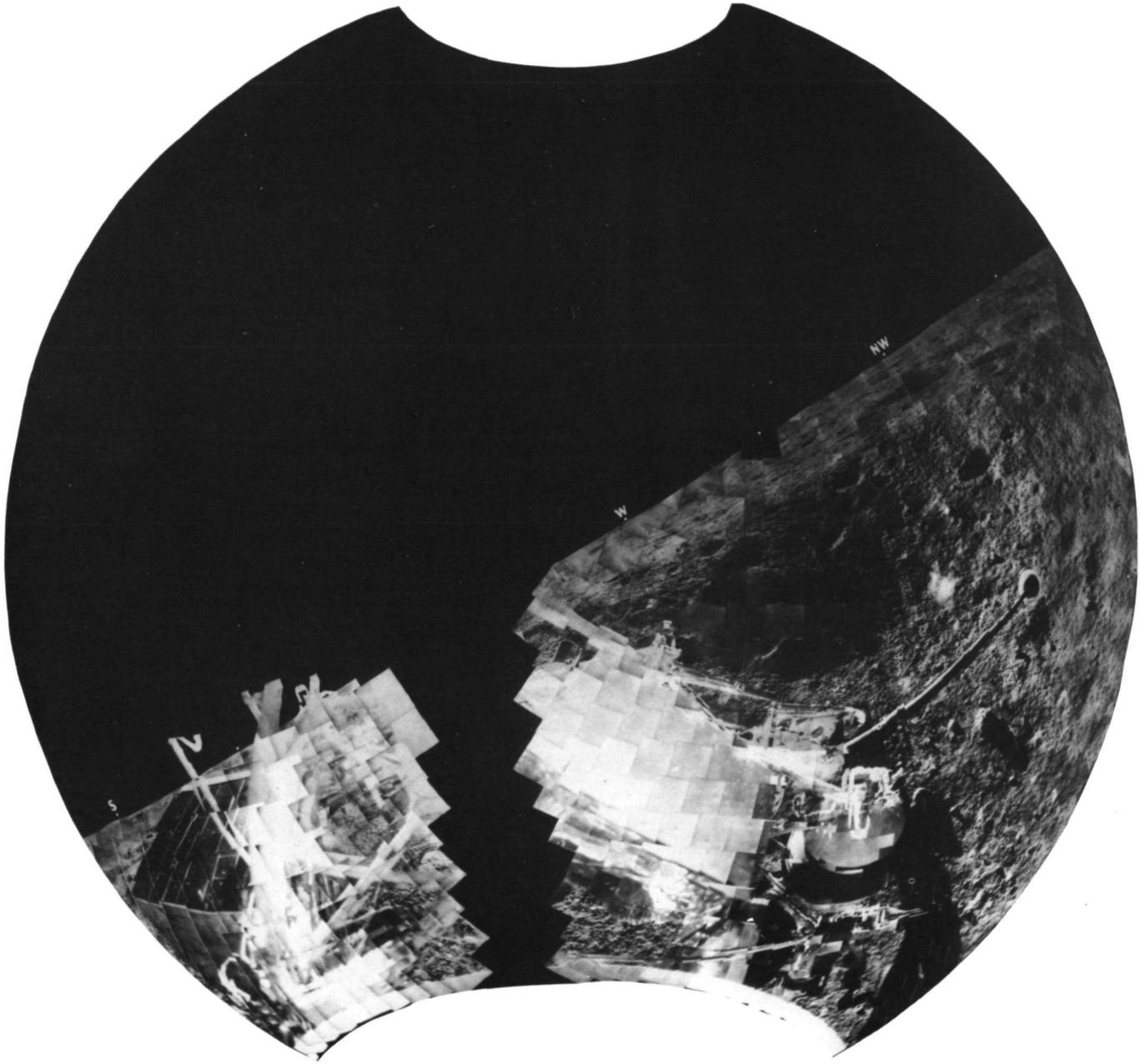


Figure 34.—Spherical mosaic of the western part of survey J. The gap on the left side of the mosaic is a result of the azimuth limit stops on the television camera. No television picture was recorded during survey J for the location at the west-northwest spot on the horizon. (USGS 369-553)

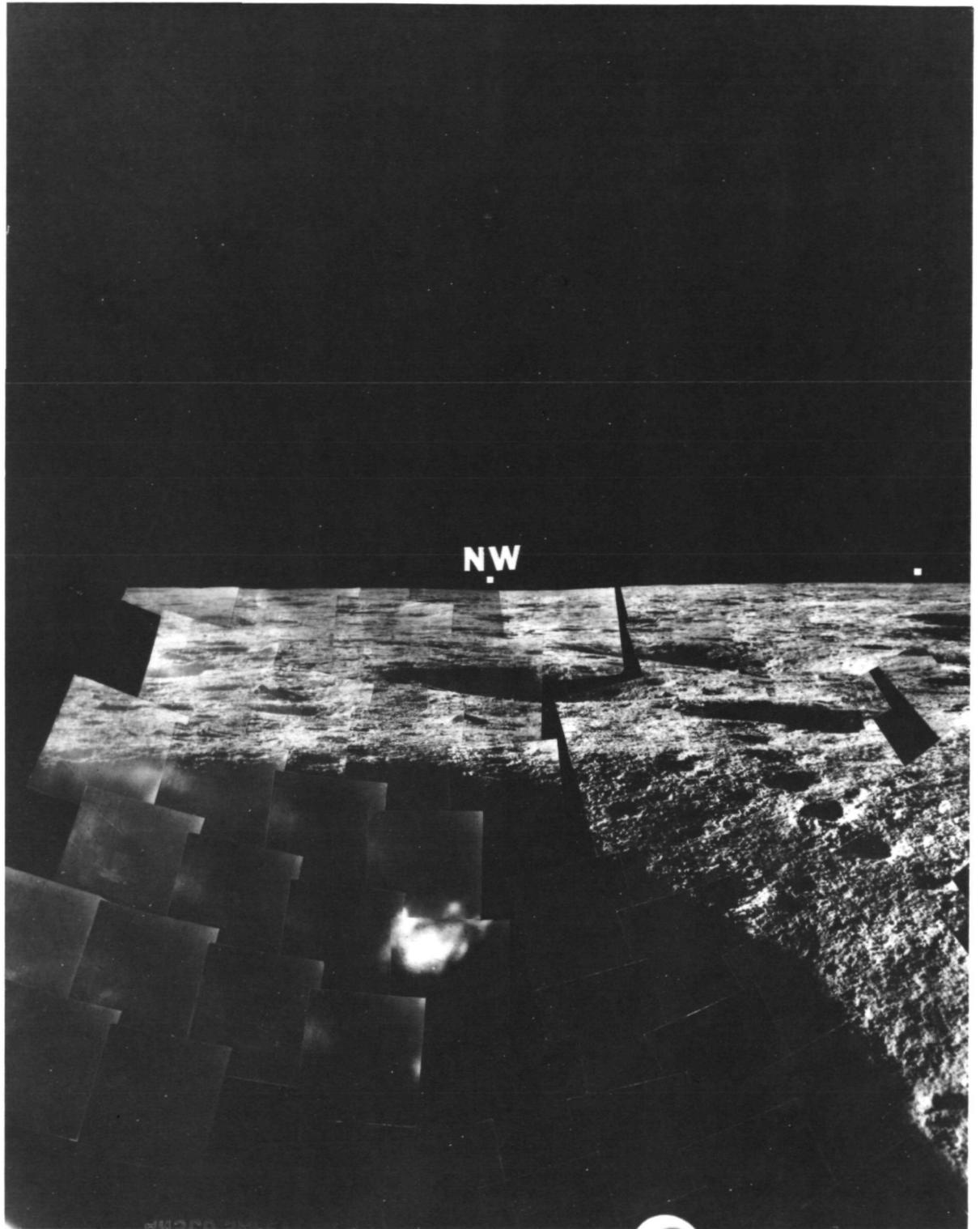


Figure 35(a).—Survey L far-field segment, looking northwest. The small crater in which Surveyor 5 landed occupies the lower three-fourths of the picture and is nearly filled with shadow. A bright blurry spot in the shadow, in which surface detail is visible, is a reflection from a polished spacecraft part. Omnidirectional antenna B is partially visible in the lower part of the picture. The camera occasionally failed to obey commands correctly as the temperature dropped in the lunar evening, resulting in some gaps in picture surveys. (USGS 369-531)

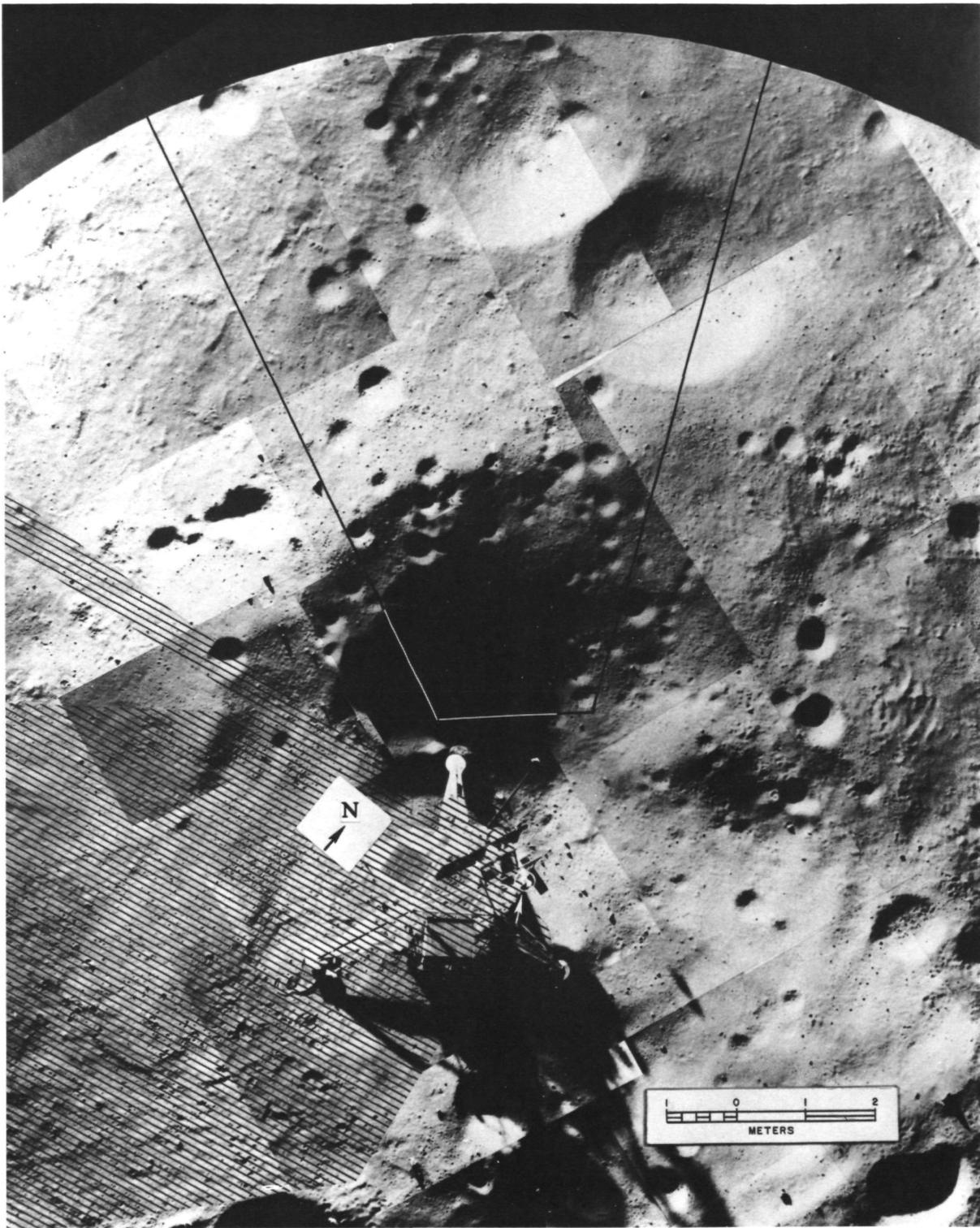


Figure 35(b).—Physical model of the foreground of figure 35(a).

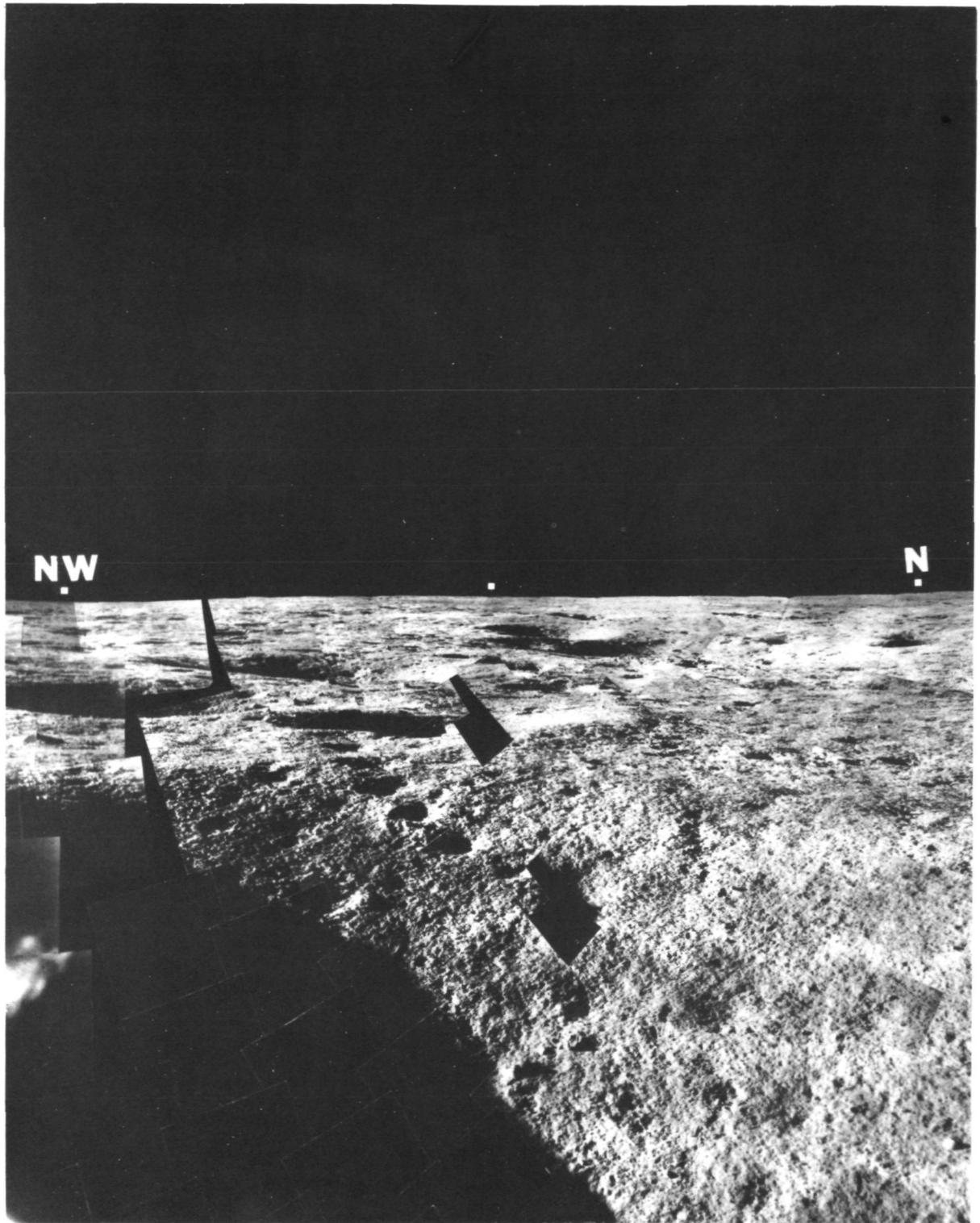


Figure 36(a).—Survey L far-field segment, looking north-northwest. The inner wall of the small crater in which Surveyor 5 landed occupies the lower three-fourths of the picture, accounting for the abrupt change in apparent surface texture on the right and shadow on the left. Rapid cooling during the lunar afternoon resulted in some camera malfunction causing loss of coverage in some parts of the panorama. (USGS 369-532)

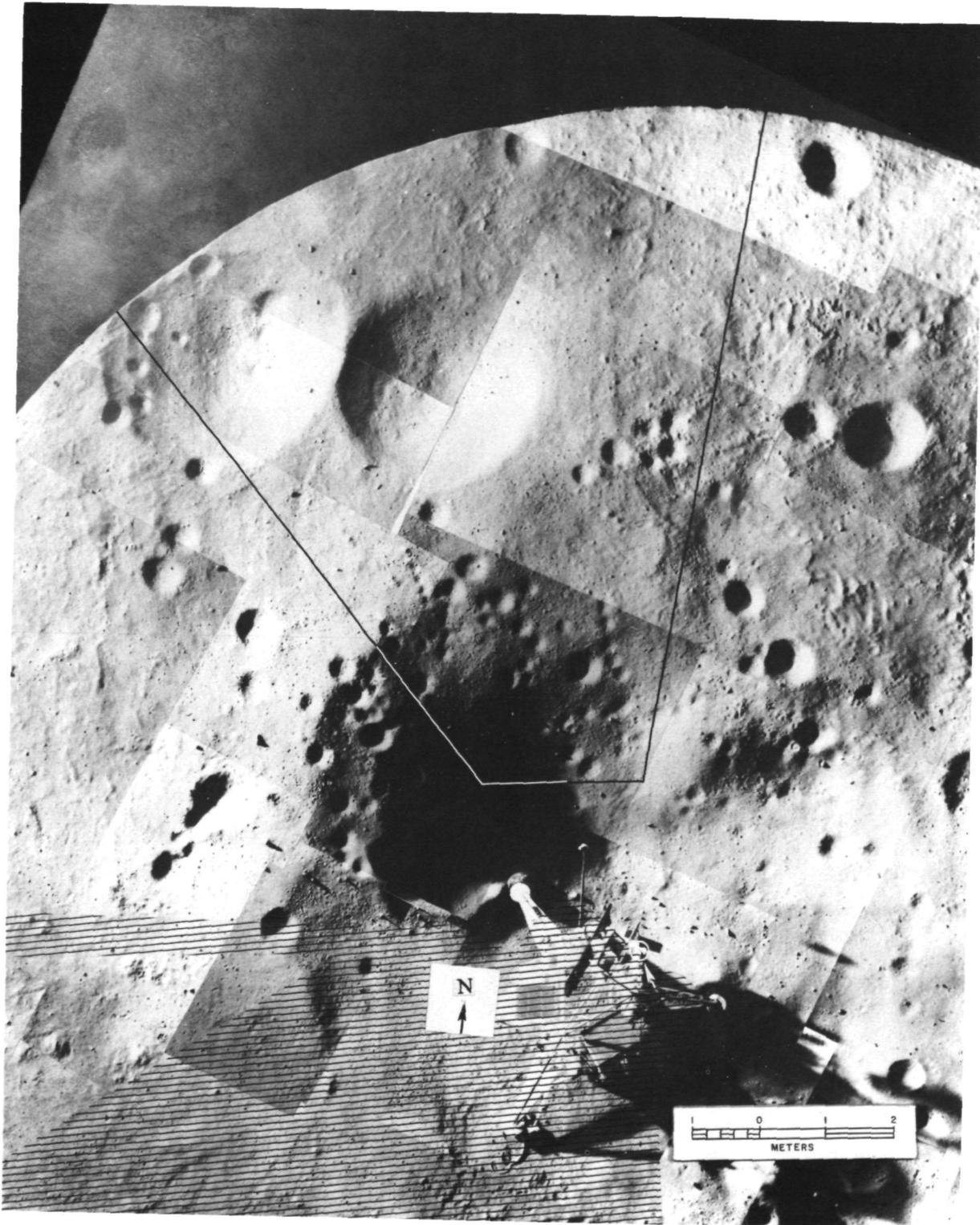


Figure 36(b).—Physical model of the foreground of figure 36(a).

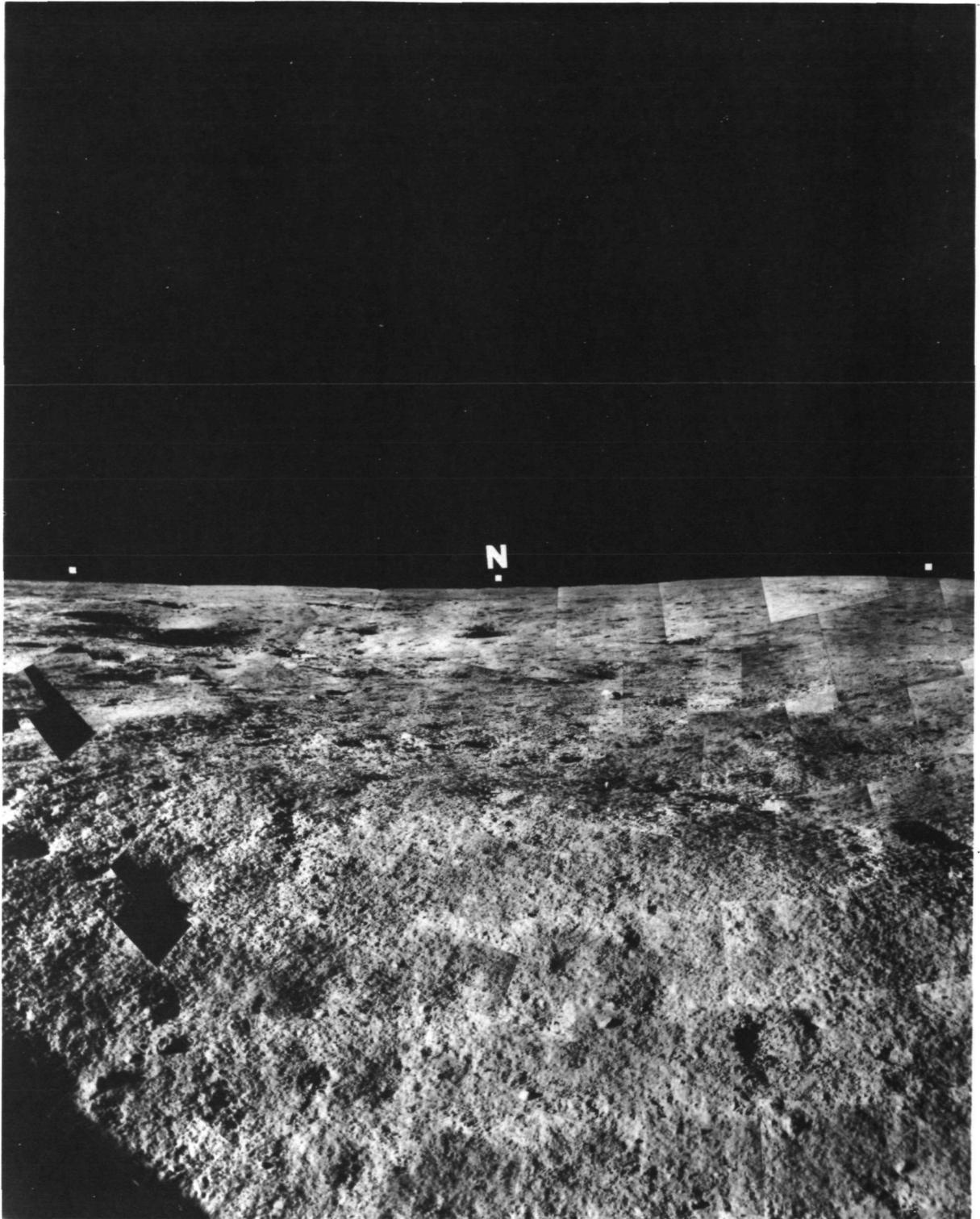


Figure 37(a).—Survey L far-field segment, looking north. The inner wall of the small crater in which Surveyor 5 landed occupies the lower three-fourths of the picture, accounting for the abrupt change in apparent surface texture. (USGS 369-533)

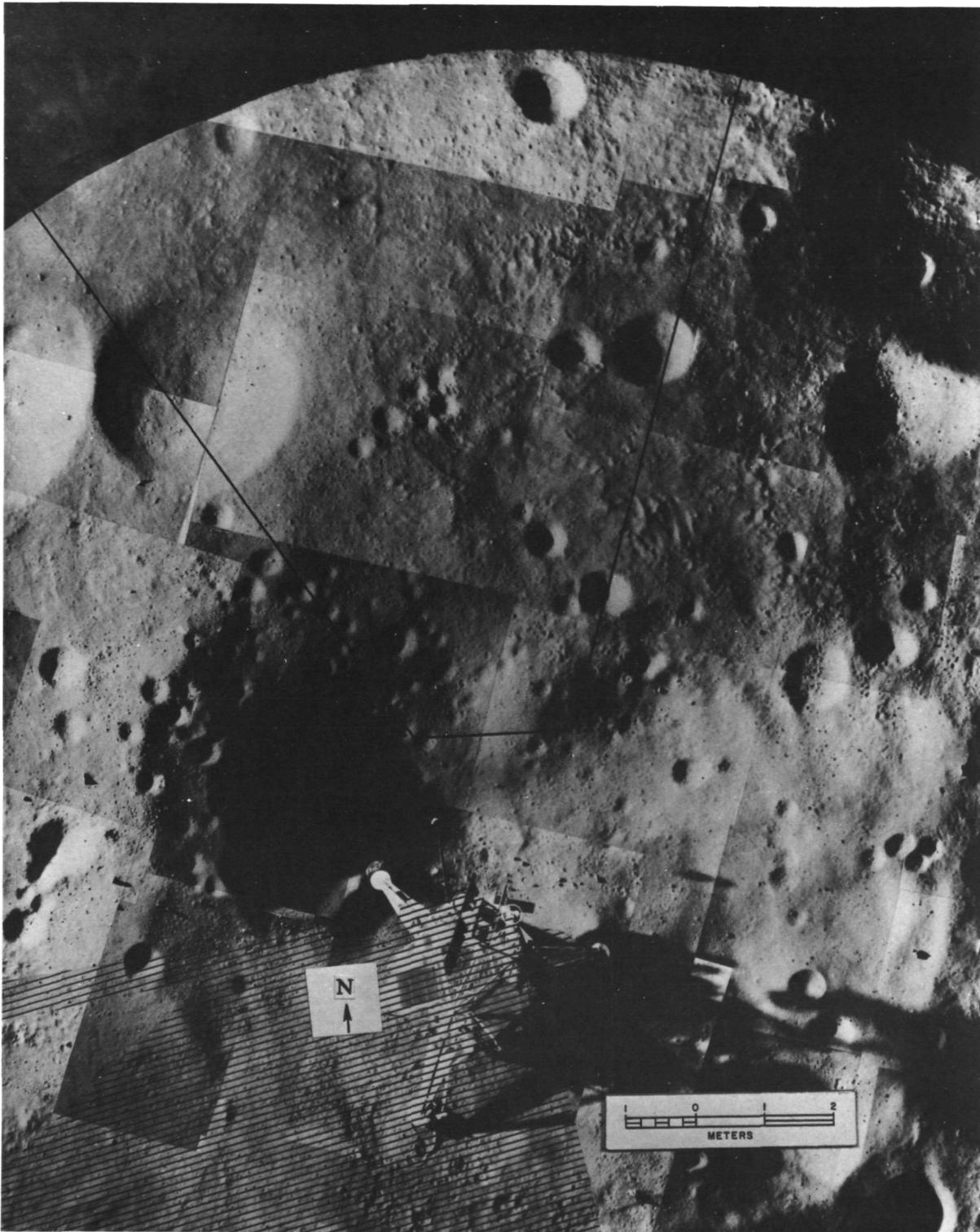


Figure 37(b).—Physical model of the foreground of figure 37(a).

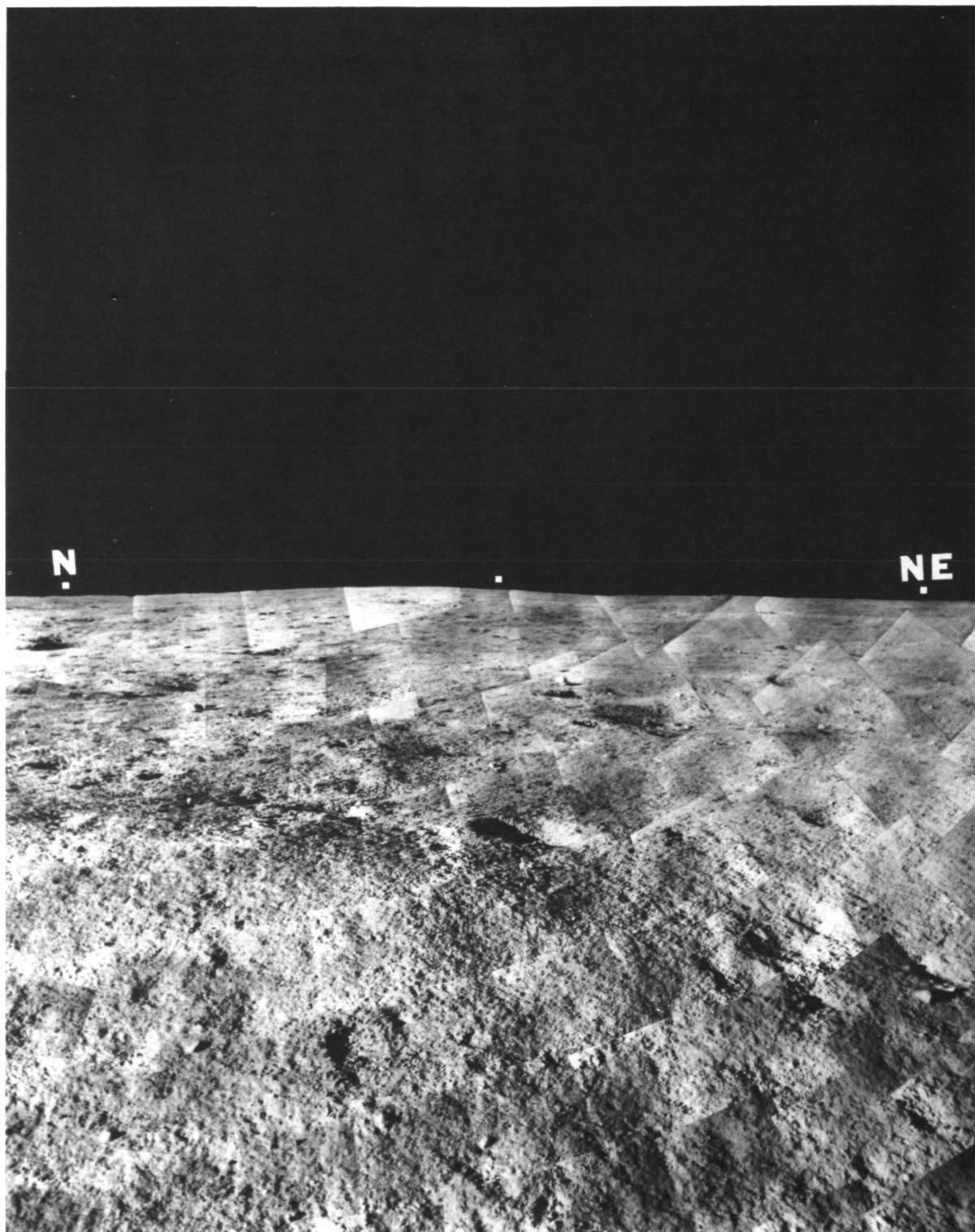


Figure 38(a).—Survey L far-field segment, looking north-northeast. The inner wall of the small crater in which Surveyor 5 landed occupies the lower three-fourths of the picture, accounting for the abrupt change in apparent surface texture. (USGS 369-534)

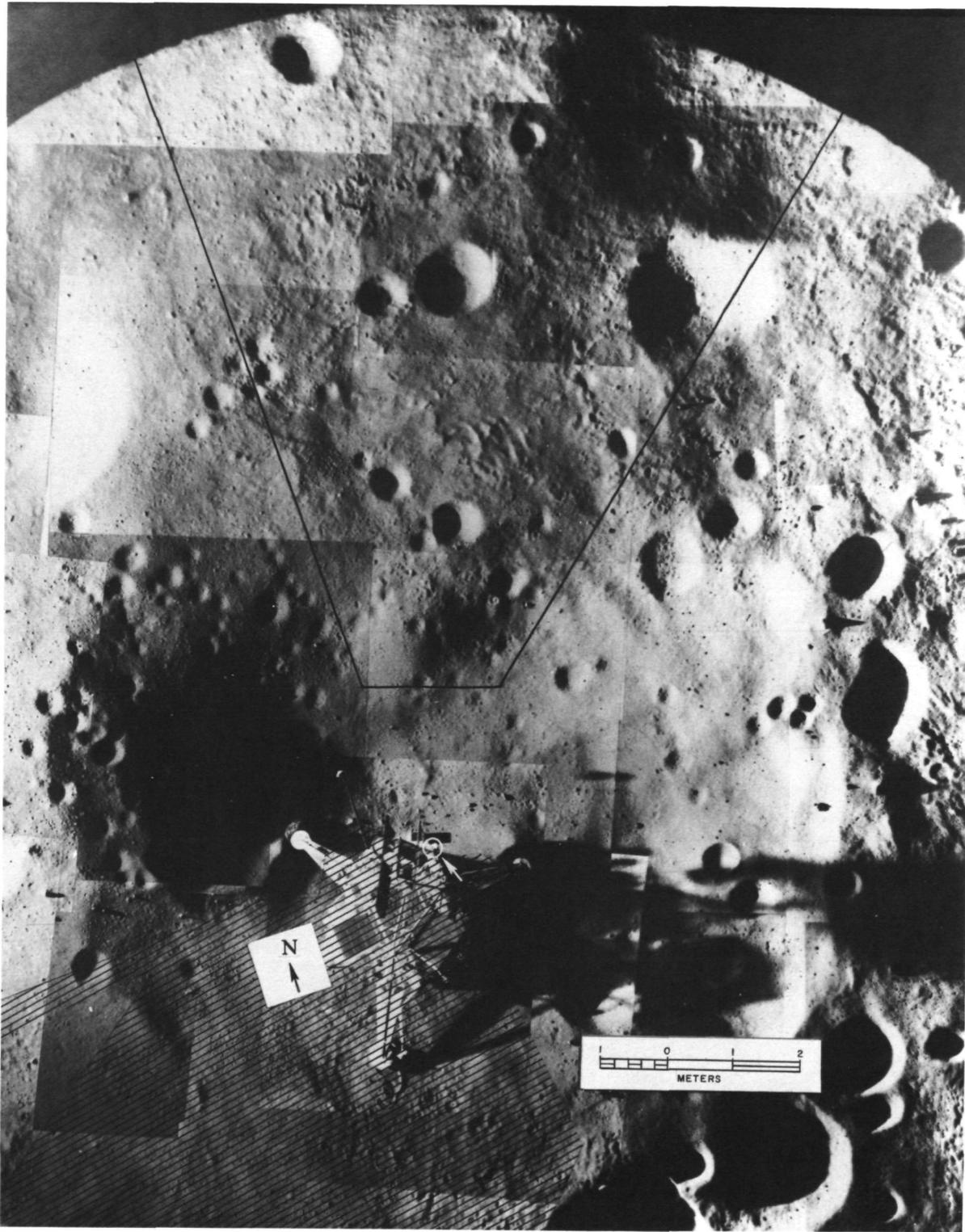


Figure 38(b).—Physical model of the foreground of figure 38(a).

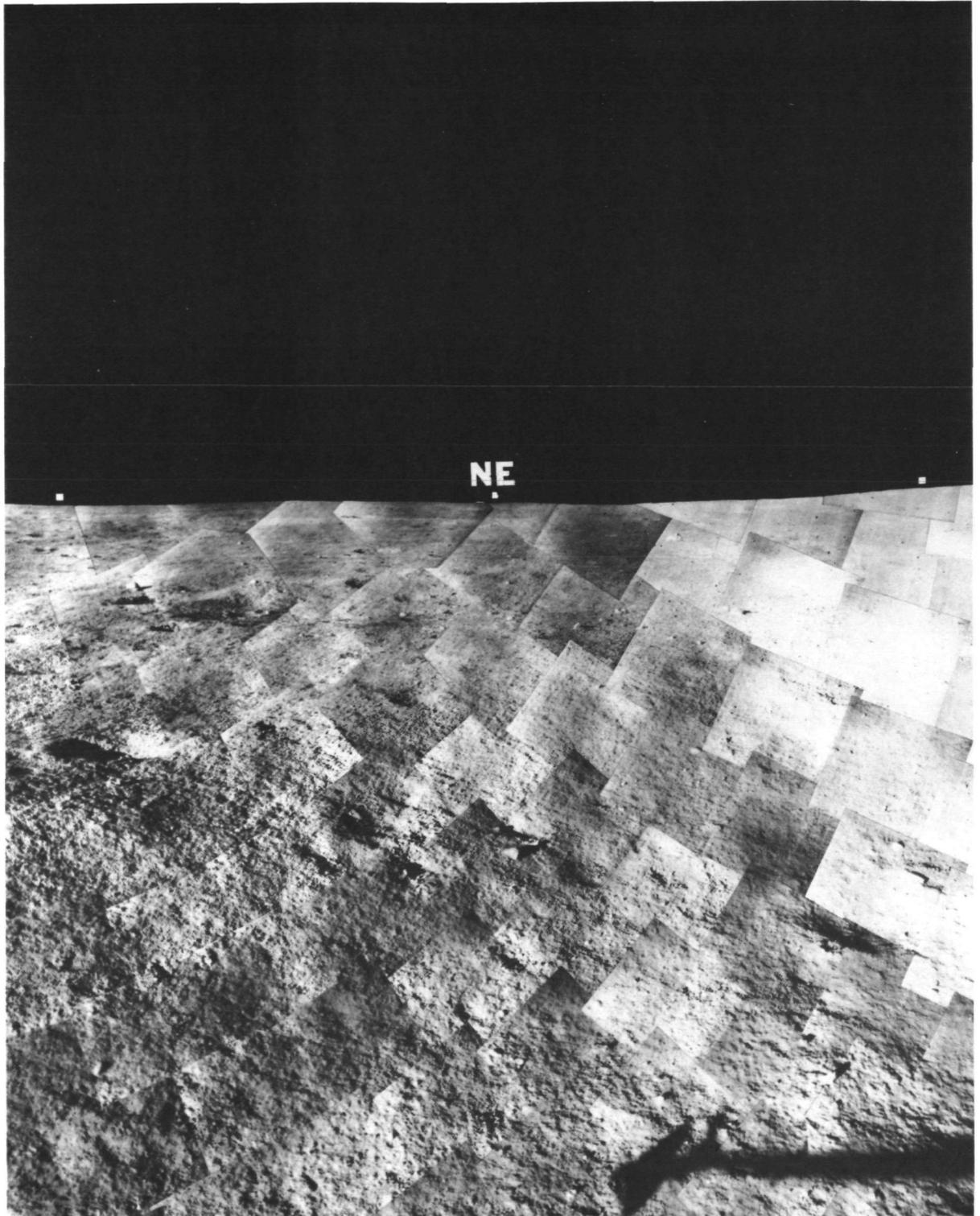


Figure 39(a).—Surveys K and L, combined far-field segment, looking northeast. The shadow of omnidirectional antenna B is in the lower right of the mosaic. (USGS 369-539)

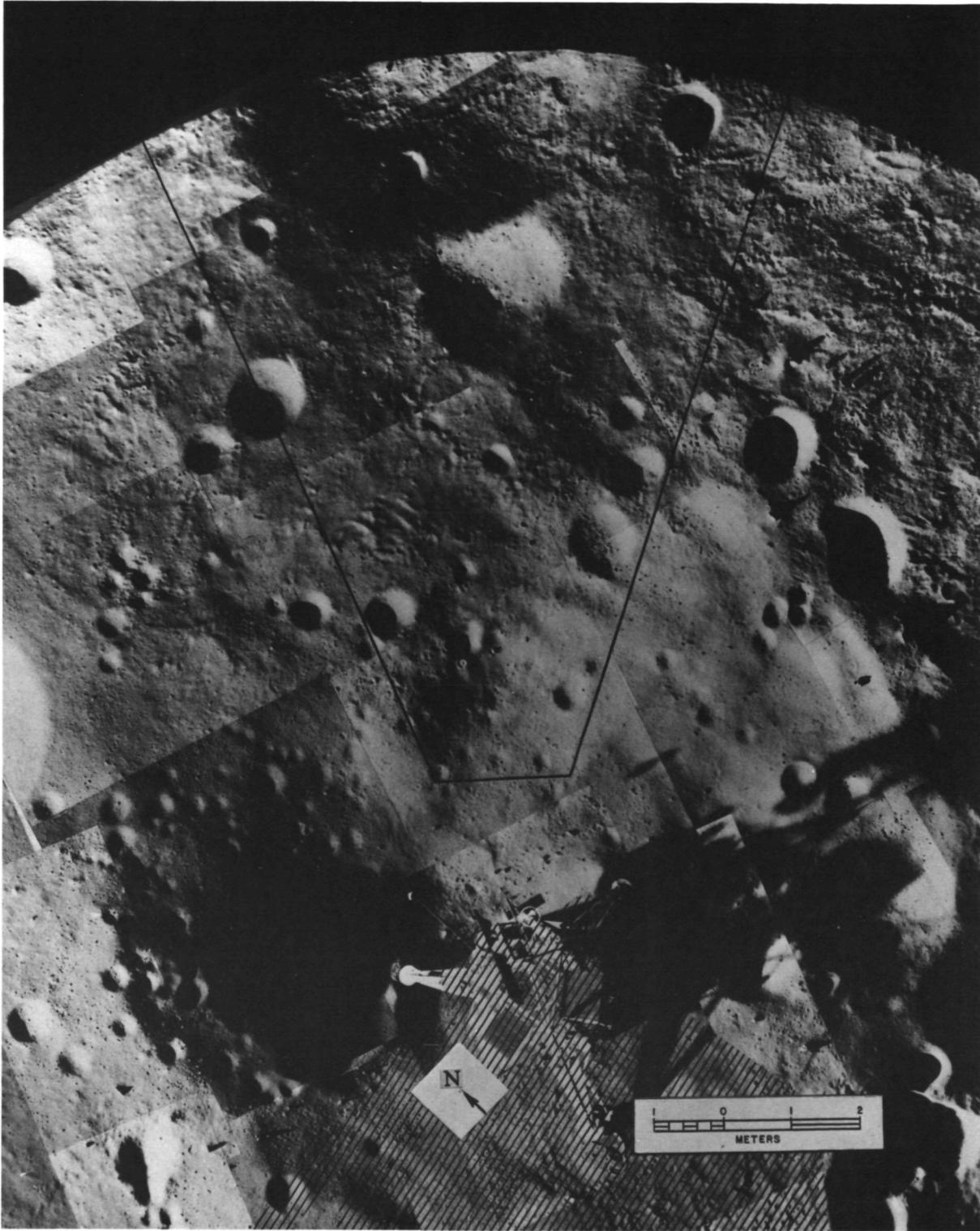


Figure 39(b).—Physical model of the foreground of figure 39(a).

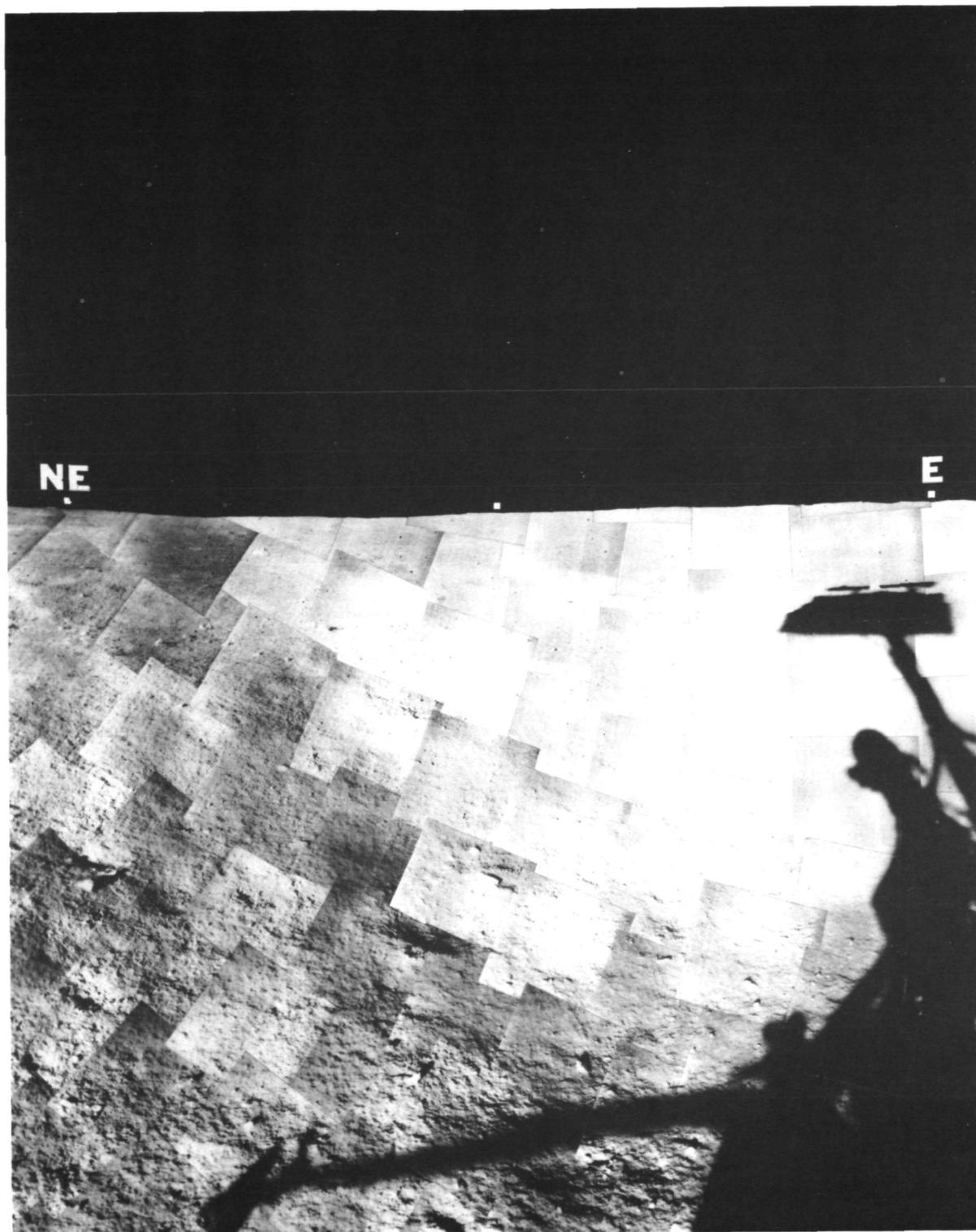


Figure 40(a).—Survey K far-field segment, looking east-northeast. The shadow of the high-gain antenna and the solar panel appears in the right part of the picture, just above the shadow of the camera. Contrast in pictures near or above the camera shadow is extremely low because the surface is illuminated from above and behind the camera. Under these conditions, most tonal variations not associated with the camera and recording system are surface albedo differences. Rock fragments, which have a higher albedo than the fine-grained surface, are easily located in pictures with this kind of illumination. (USGS 369-540)

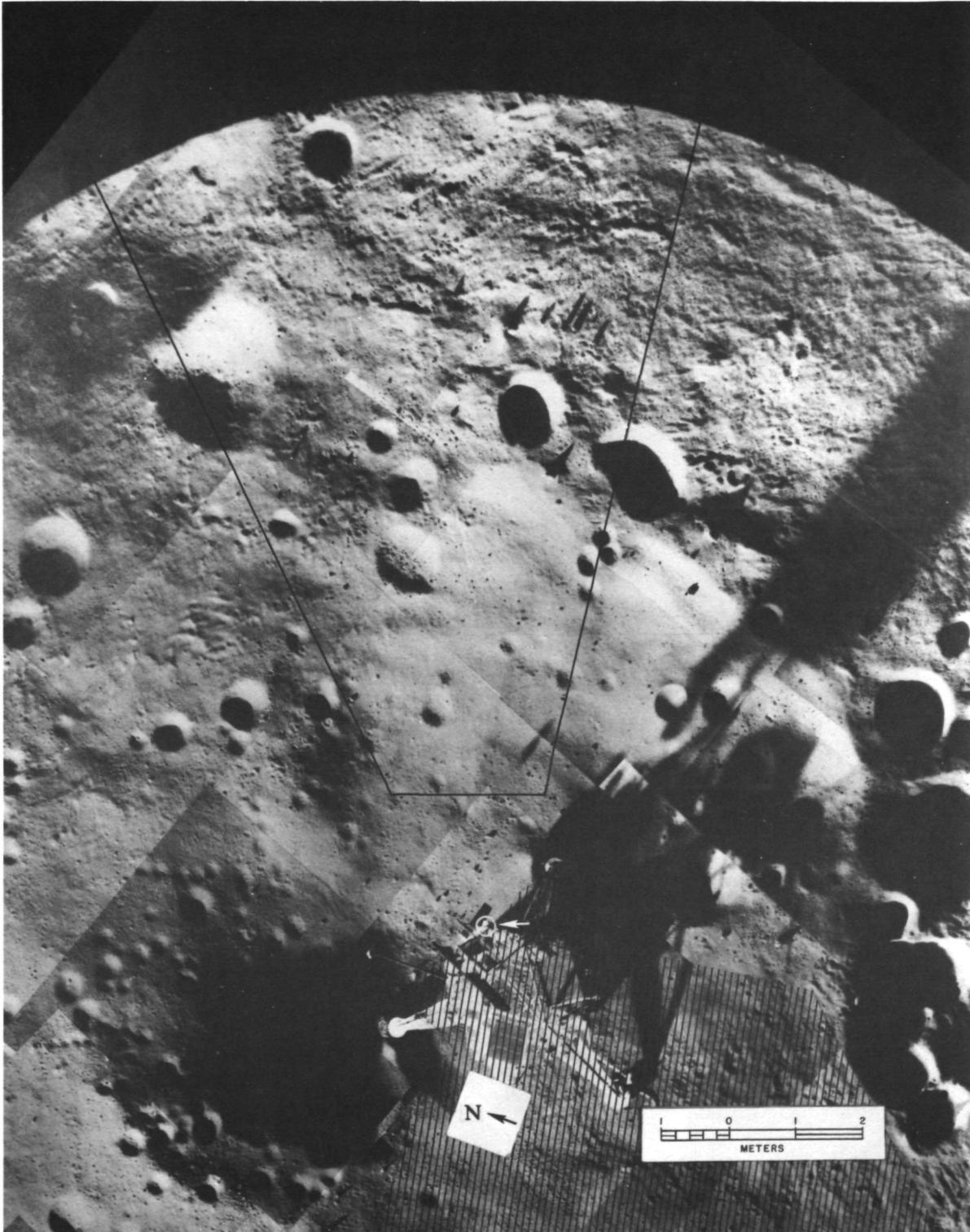


Figure 40(b).—Physical model of the foreground of figure 40(a).

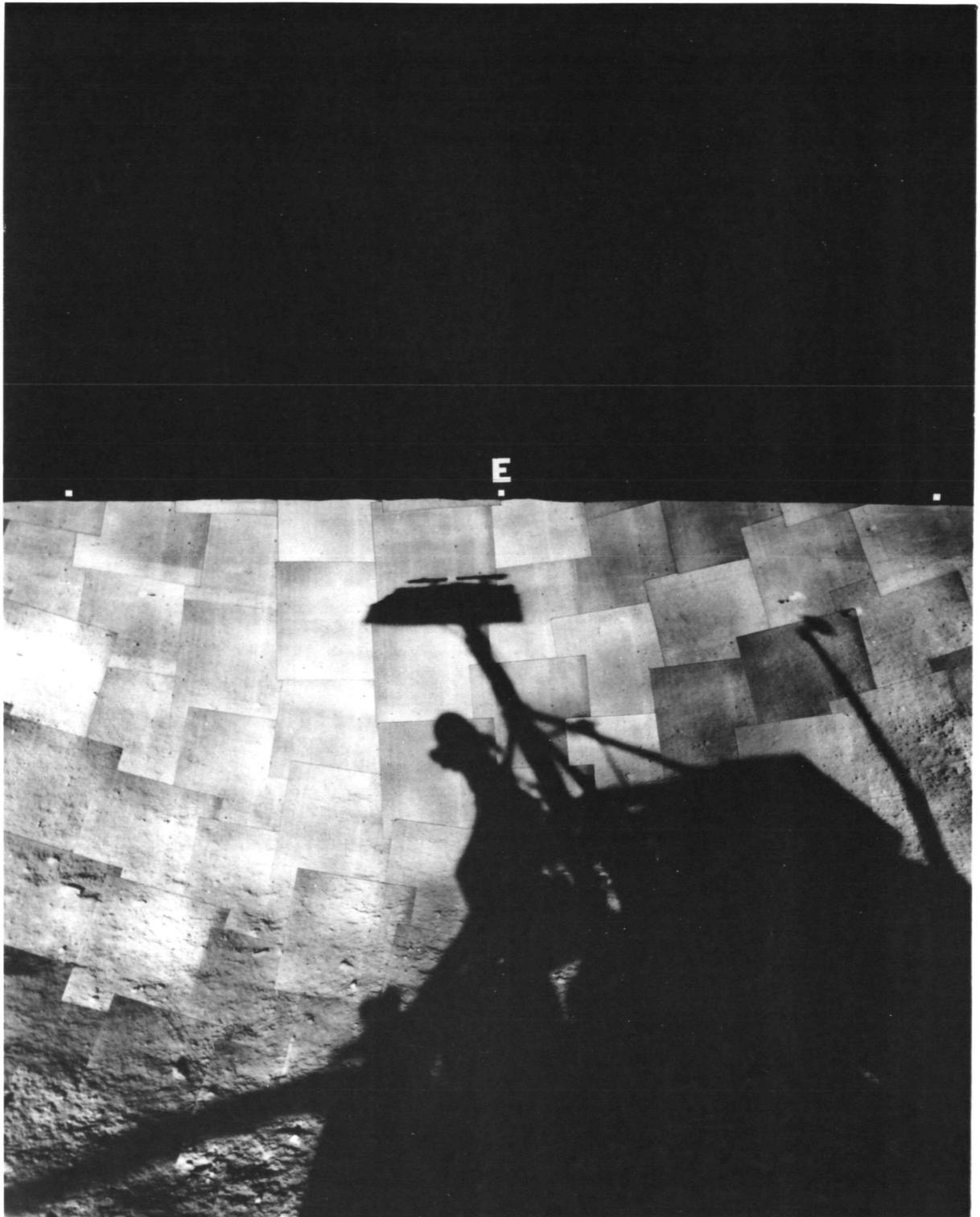


Figure 41(a).—Survey K far-field segment, looking east. The shadows of the high-gain antenna, the solar panel, and television camera appear in the center of the picture. The shadow of omnidirectional antenna A is on the right. Contrast in these pictures is extremely low because most of the visible surface is illuminated from above and behind the camera. (USGS 369-541)

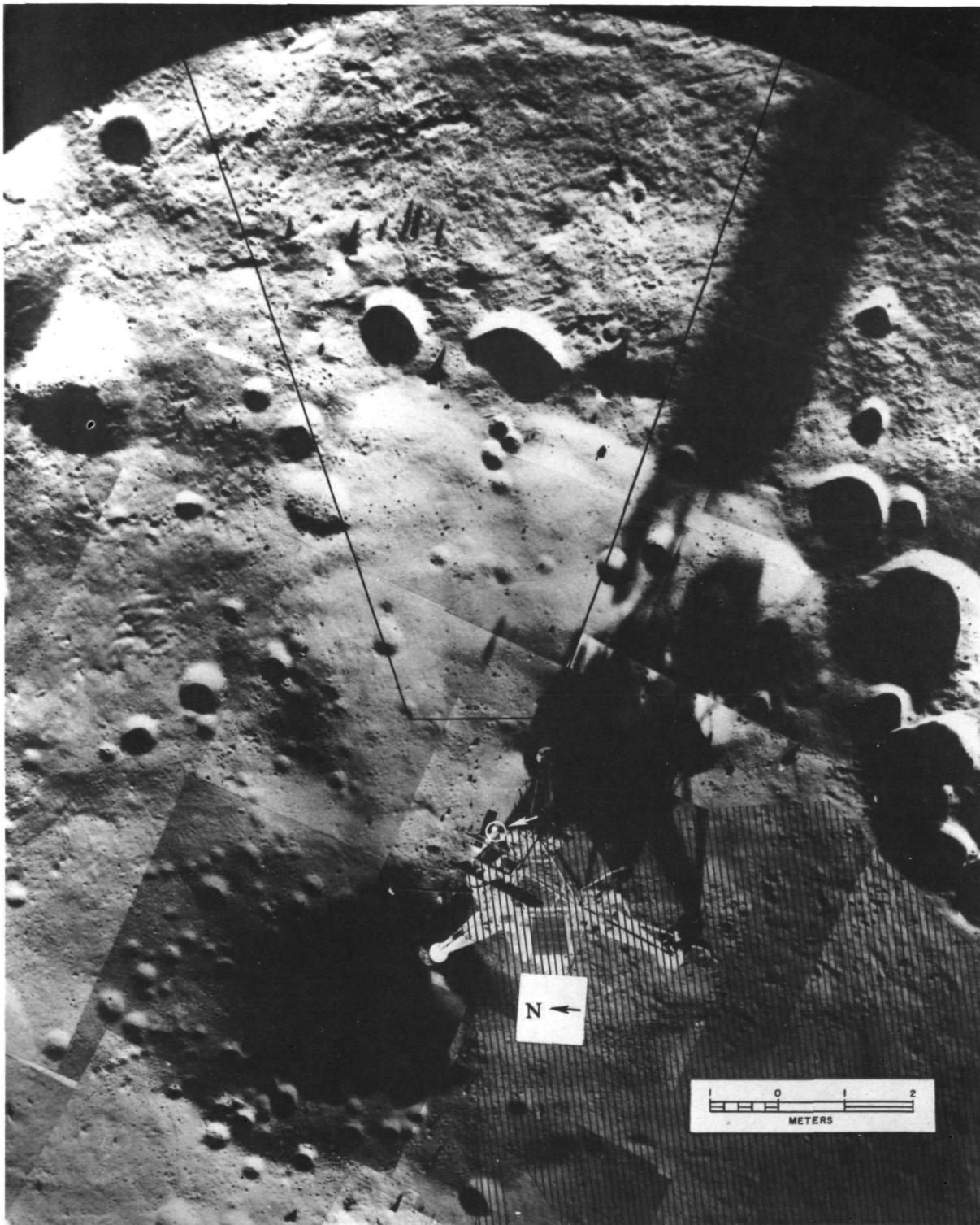


Figure 41(b).—Physical model of the foreground of figure 41(a).

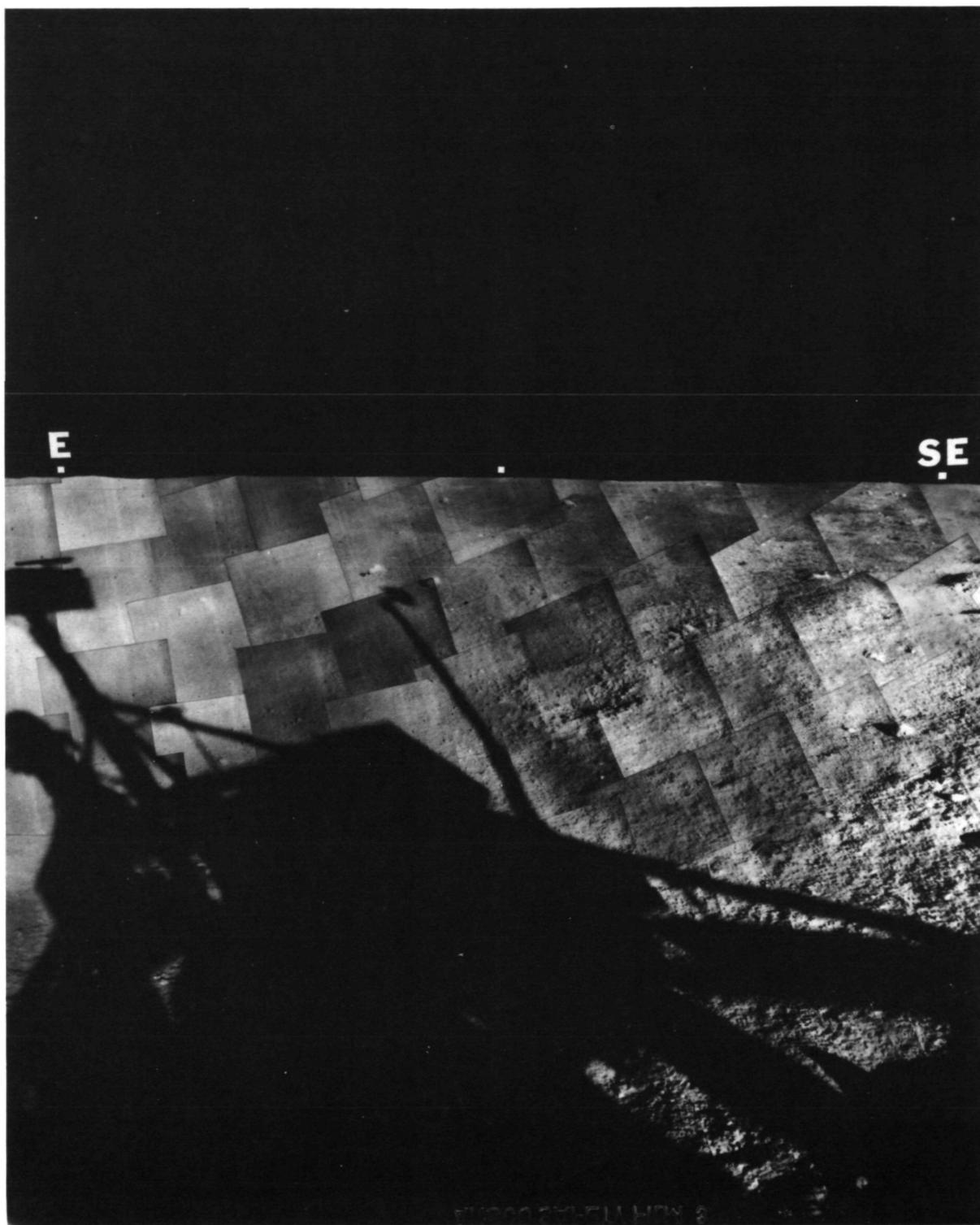


Figure 42(a).—Survey K far-field segment, looking east-southeast. The shadow of the high-gain antenna, the solar panel, and the camera appear in the lower left part of the picture. The shadow of omnidirectional antenna A is in the center of the mosaic. Contrast in the pictures near the shadows is extremely low because the surface is illuminated from above and behind the camera. (USGS 369-542)

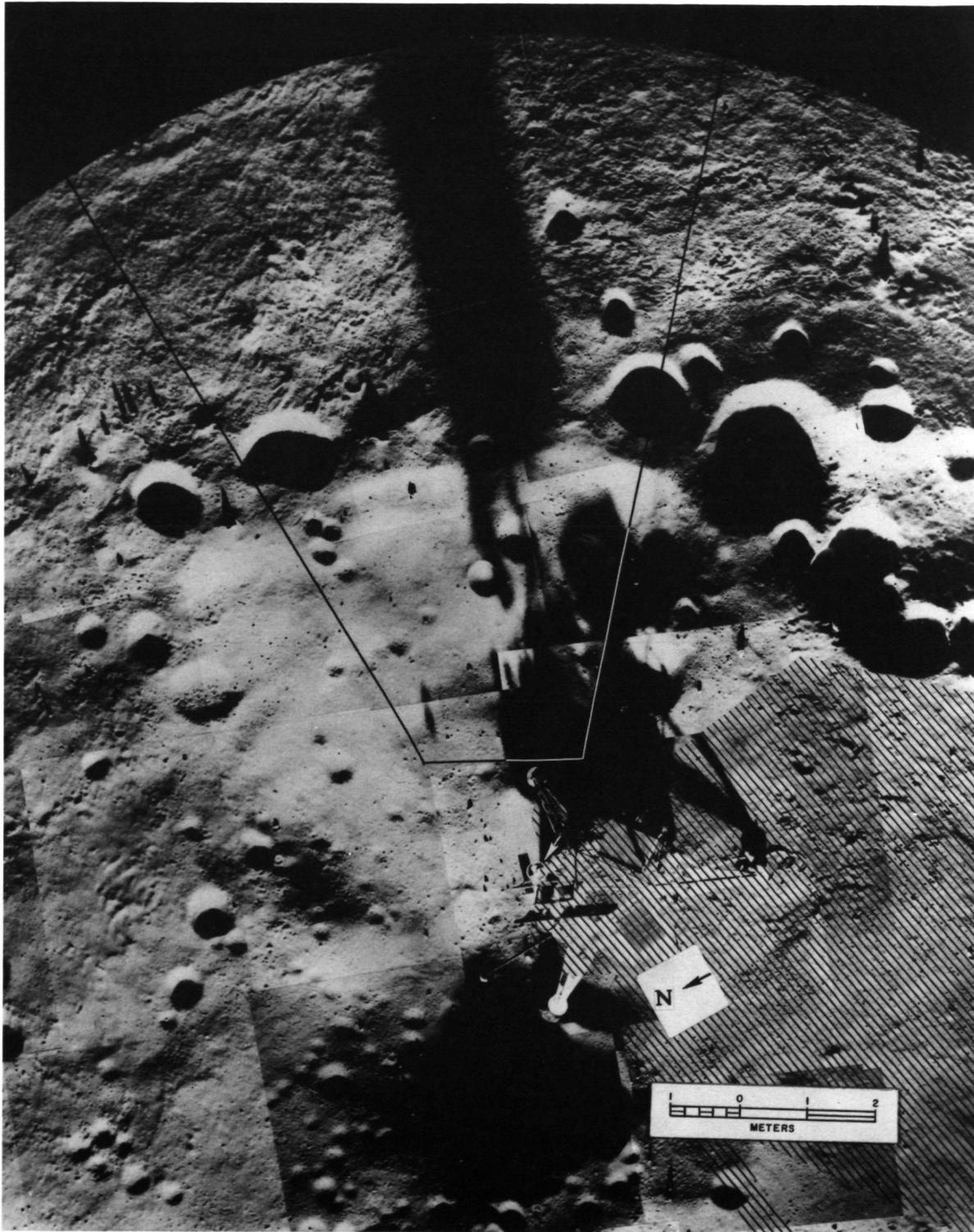


Figure 42(b).—Physical model of the foreground of figure 42(a).

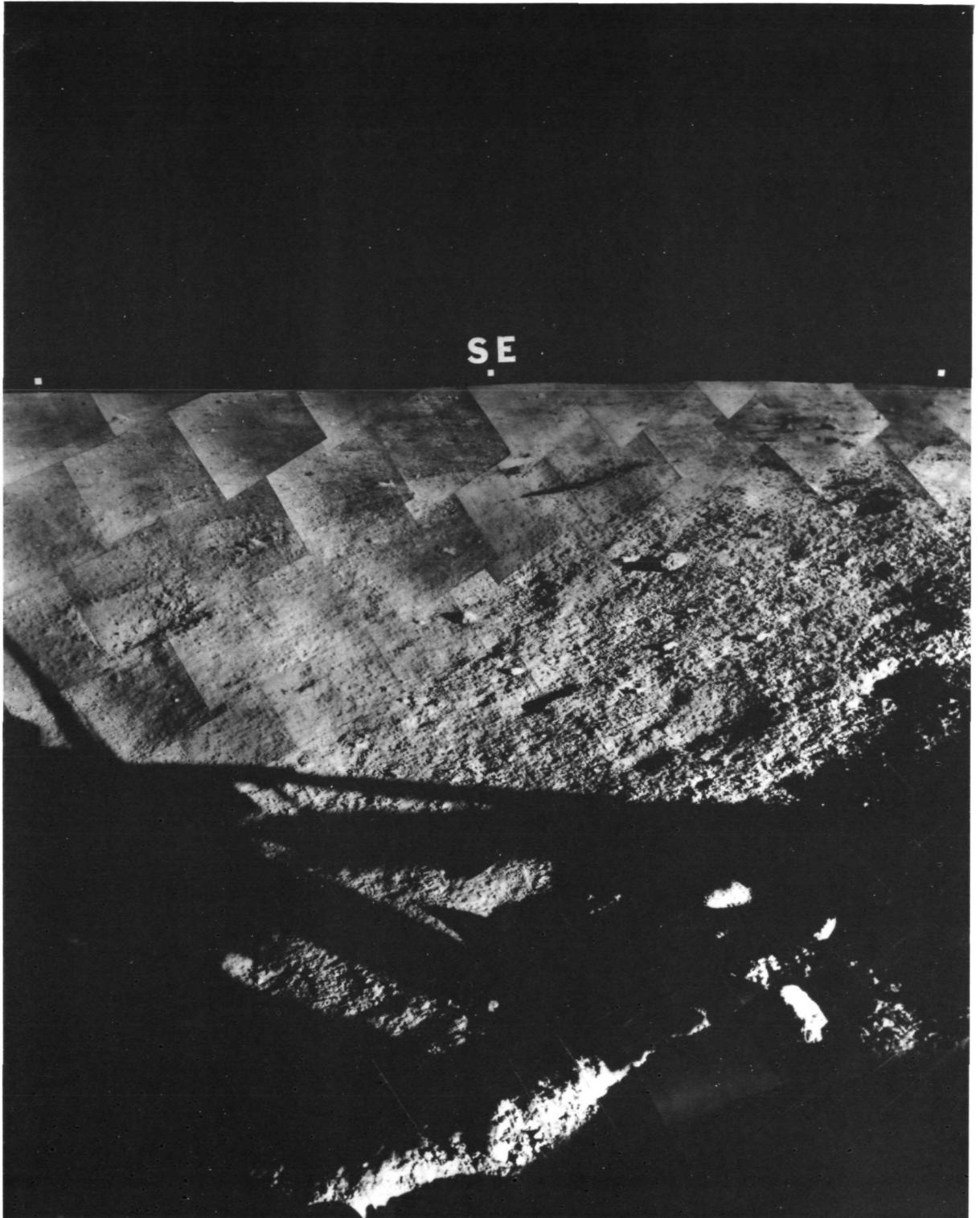


Figure 43(a).—Survey K far-field segment, looking southeast. Lunar surface in the lower right was occulted by the camera structure. Footpad two is in shadow in the lower edge of the mosaic, and its skid mark, which is filling with shadow, begins near a conspicuous block on the right and runs along the occulted area to the footpad. (USGS 369-535)

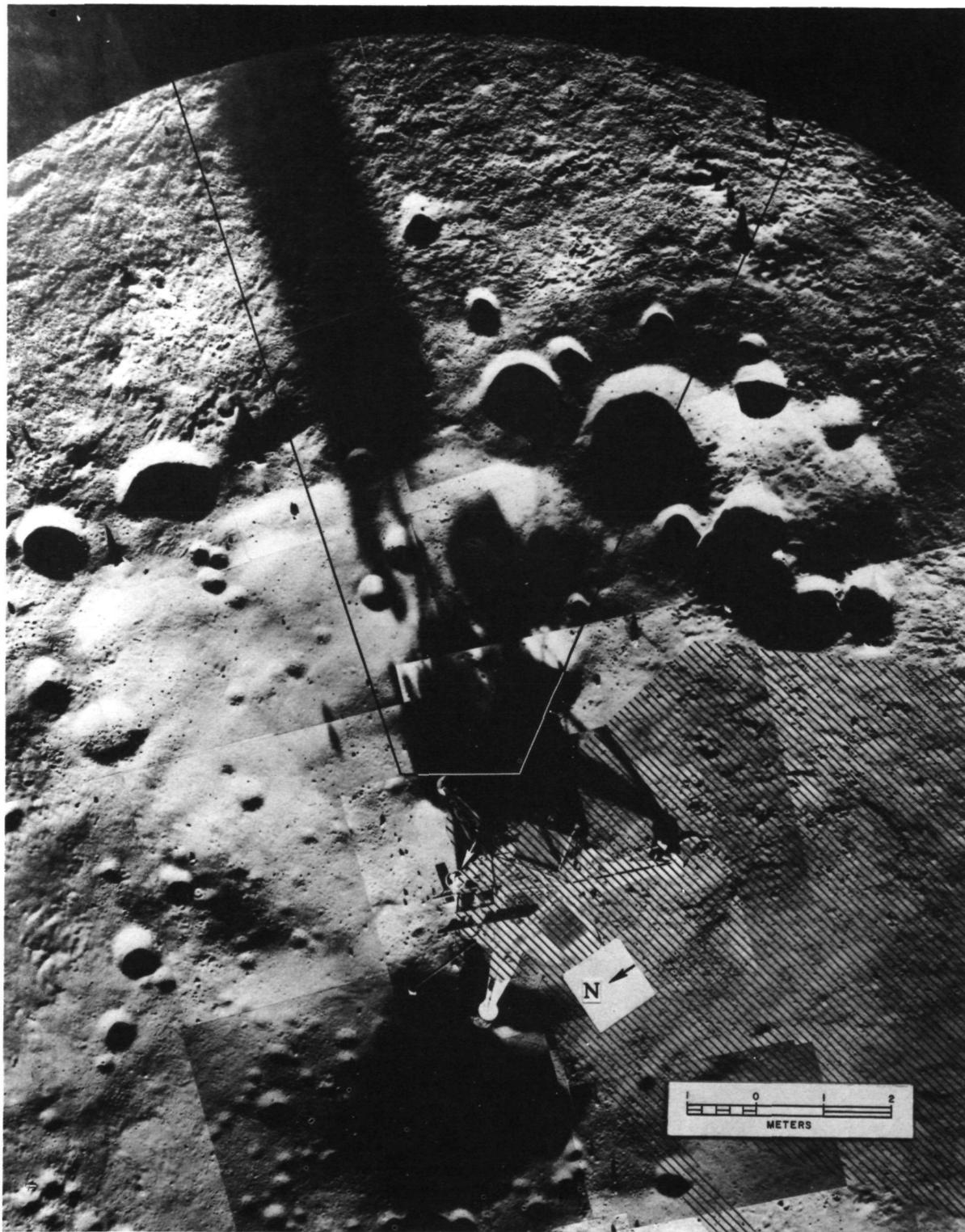


Figure 43(b).—Physical model of the foreground of figure 43(a).

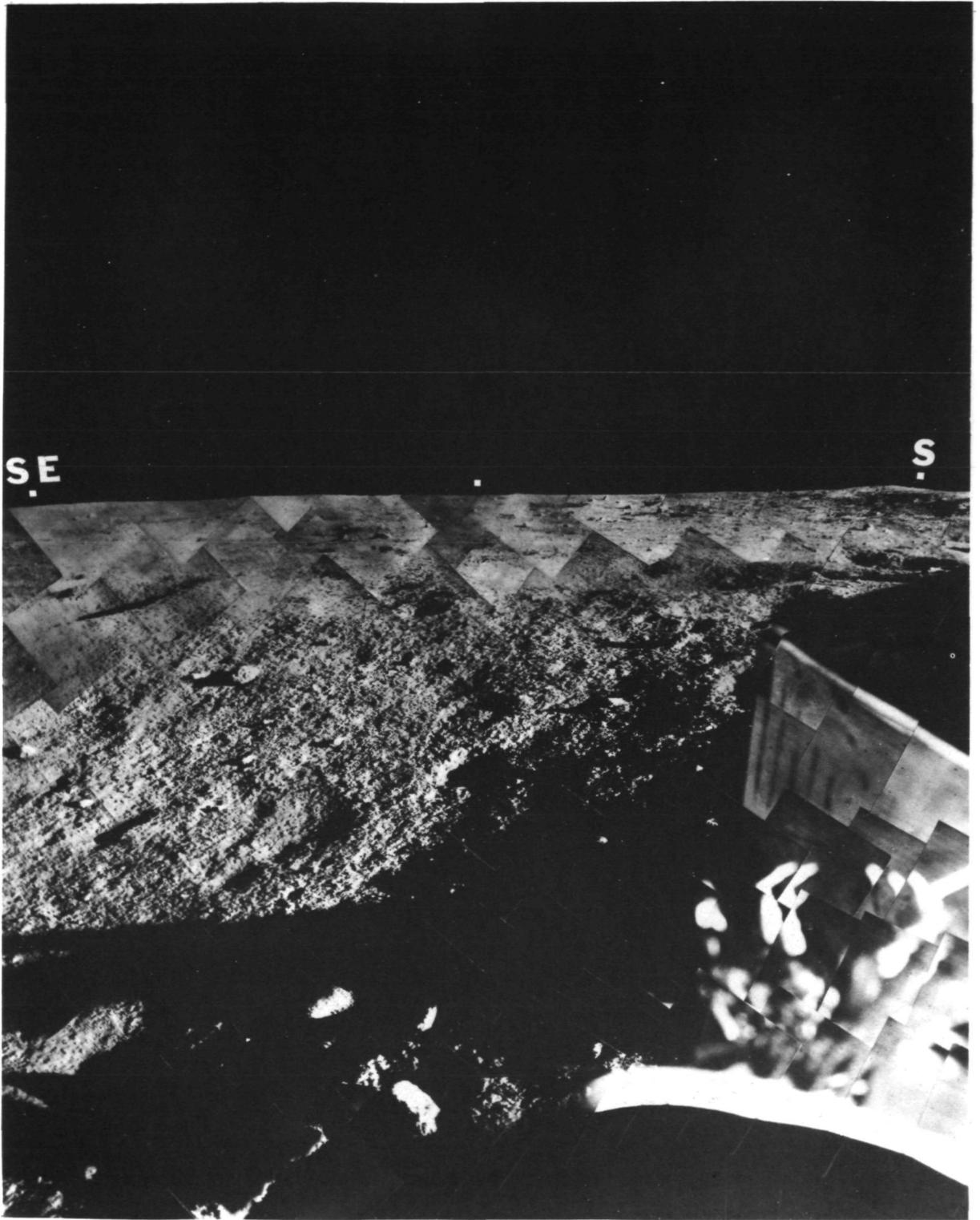


Figure 44(a).—Survey K far-field segment, looking south-southeast. Lunar surface in the bottom of the picture was occulted by the camera structure. Electronics compartment A is on the right. (USGS 369-536)

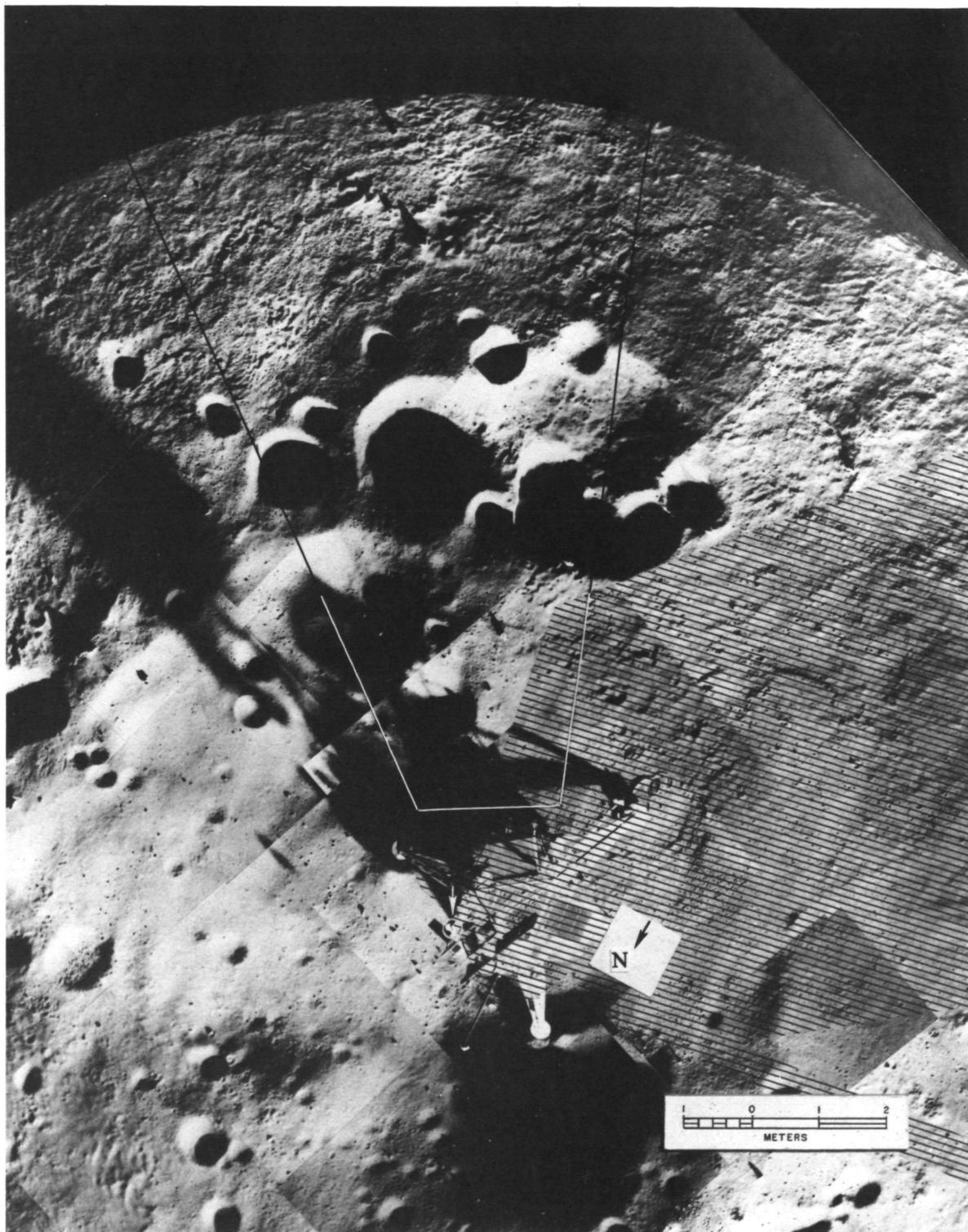


Figure 44(b).—Physical model of the foreground of figure 44(a).

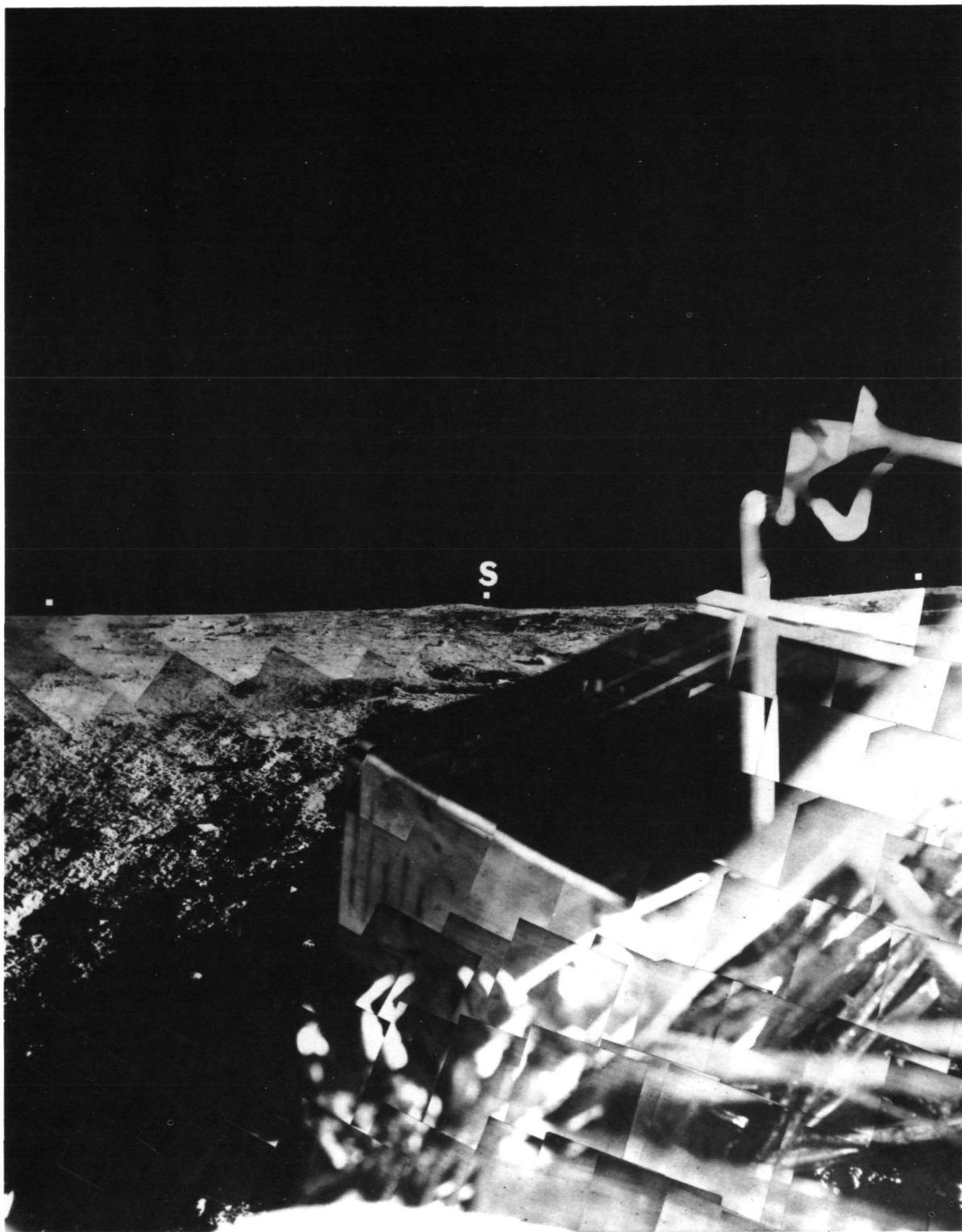


Figure 45(a).—Survey K far-field segment, looking south. Electronics compartment A covers most of the right-hand side of the mosaic. (USGS 369-537)

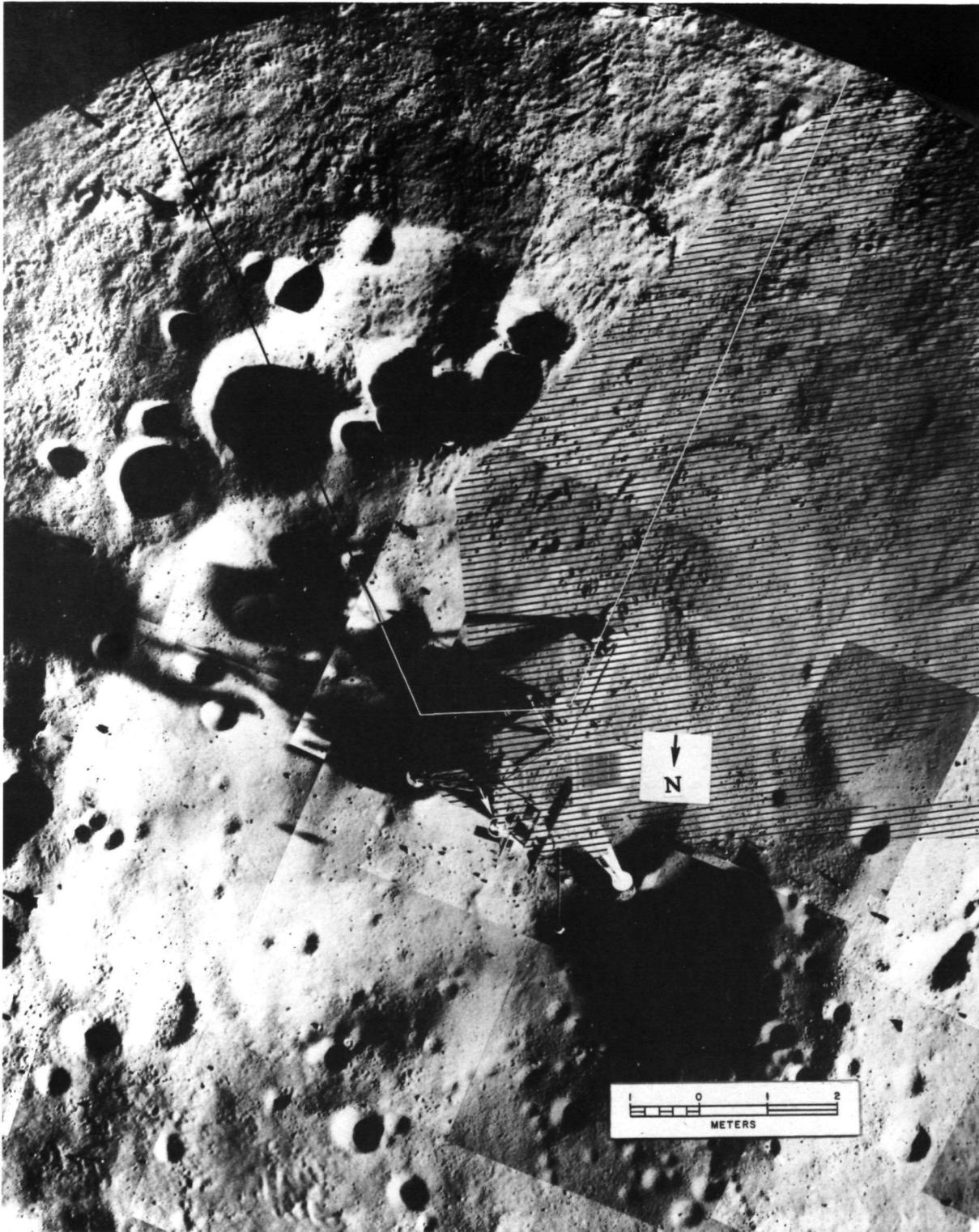


Figure 45(b).—Physical model of the foreground of figure 45(a).

C. J.

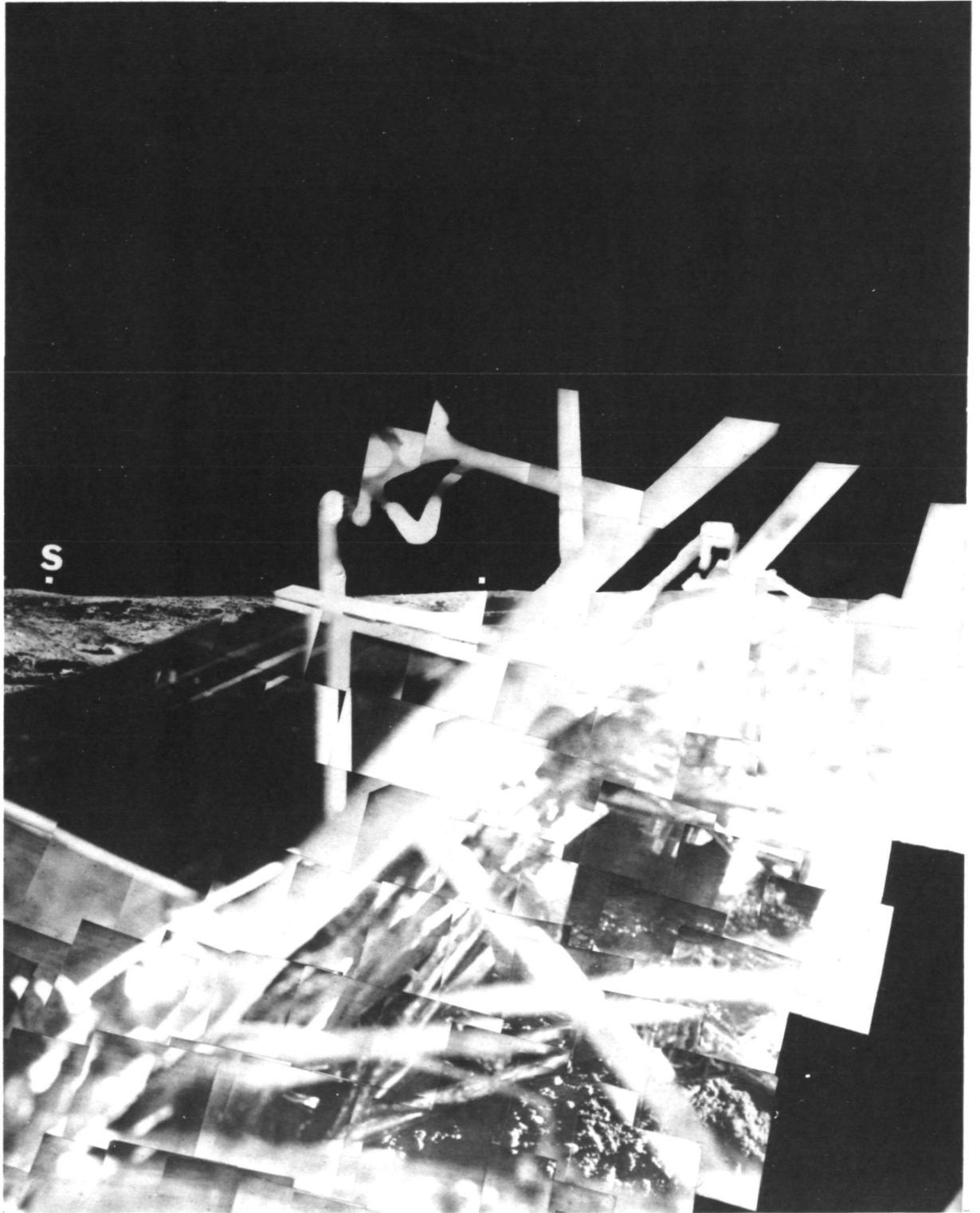


Figure 46.—Survey K, far-field segment, looking south-southwest. Although spacecraft structures block most of the view, important features such as a large crater on the horizon above electronics compartment C are visible. (USGS 369-538)



Figure 47.—Spherical mosaic of the northern part of survey F. (USGS 369-554)

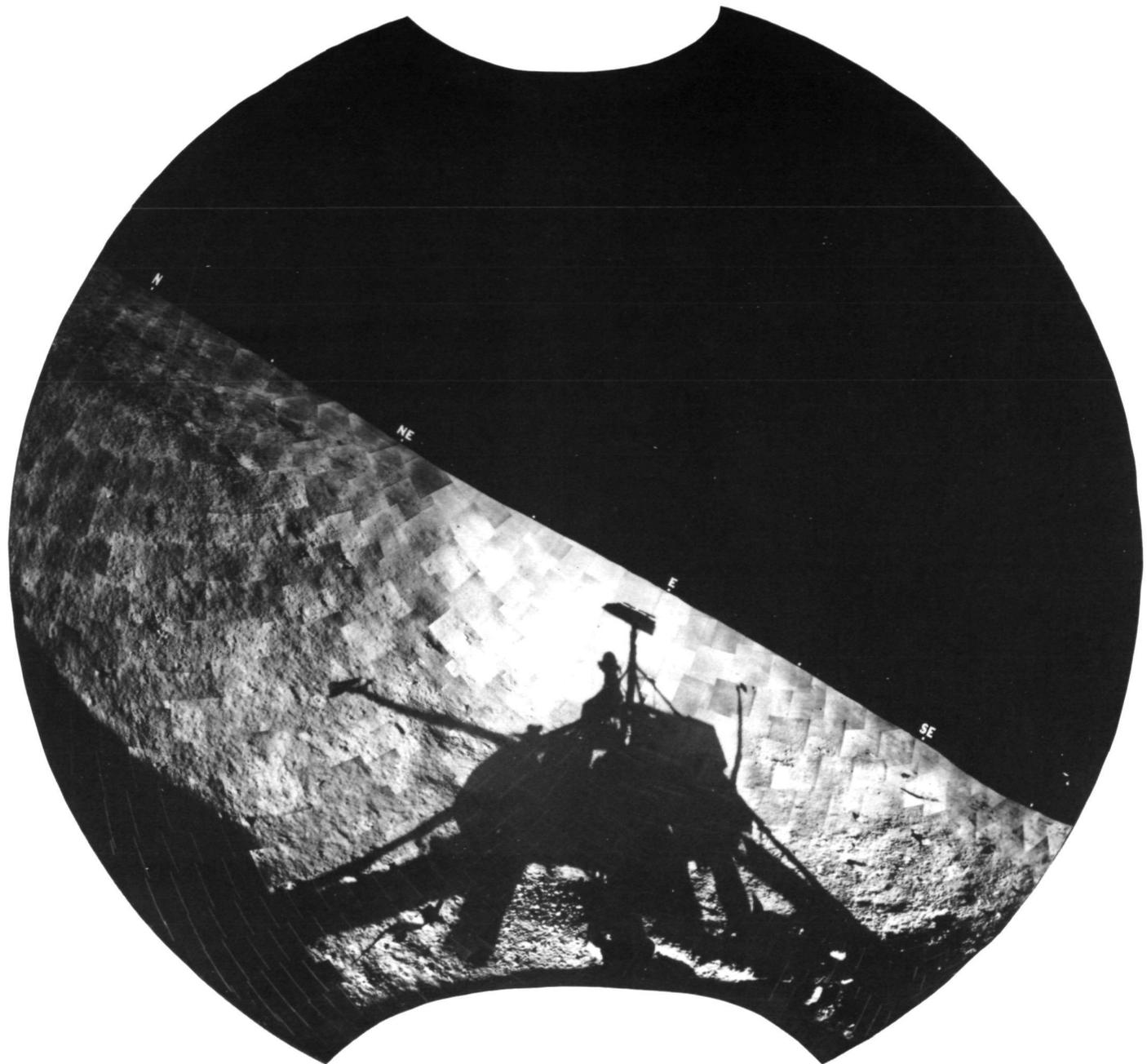


Figure 48.—Spherical mosaic of the eastern part of survey F. (USGS 369-555)

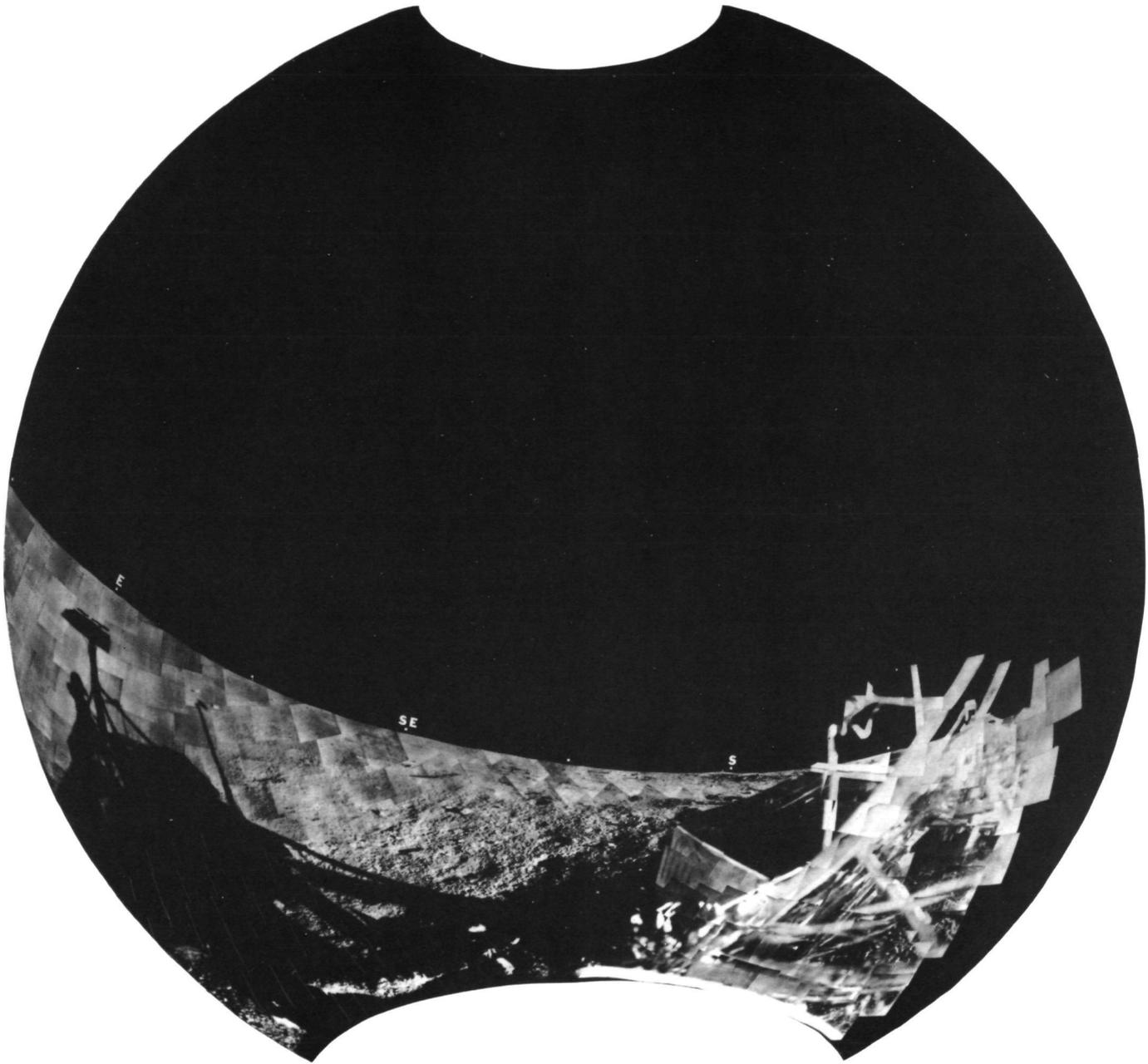


Figure 49.—Spherical mosaic of the southern part of survey F. (USGS 369-556)

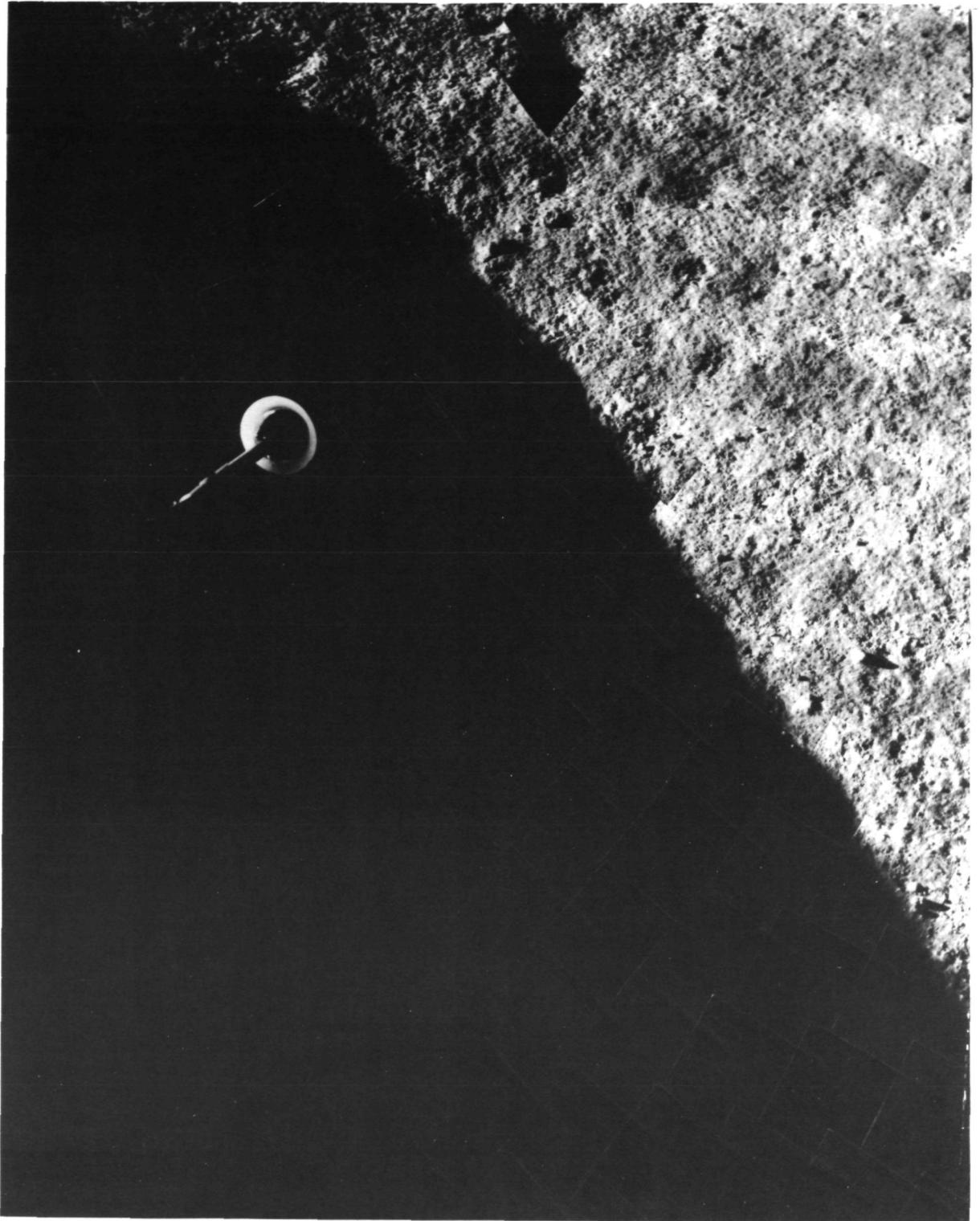


Figure 50(a).—Survey L, near-field segment. Omnidirectional antenna B, with calibration chart attached, protrudes from the shadow in the picture. (USGS 369-548)

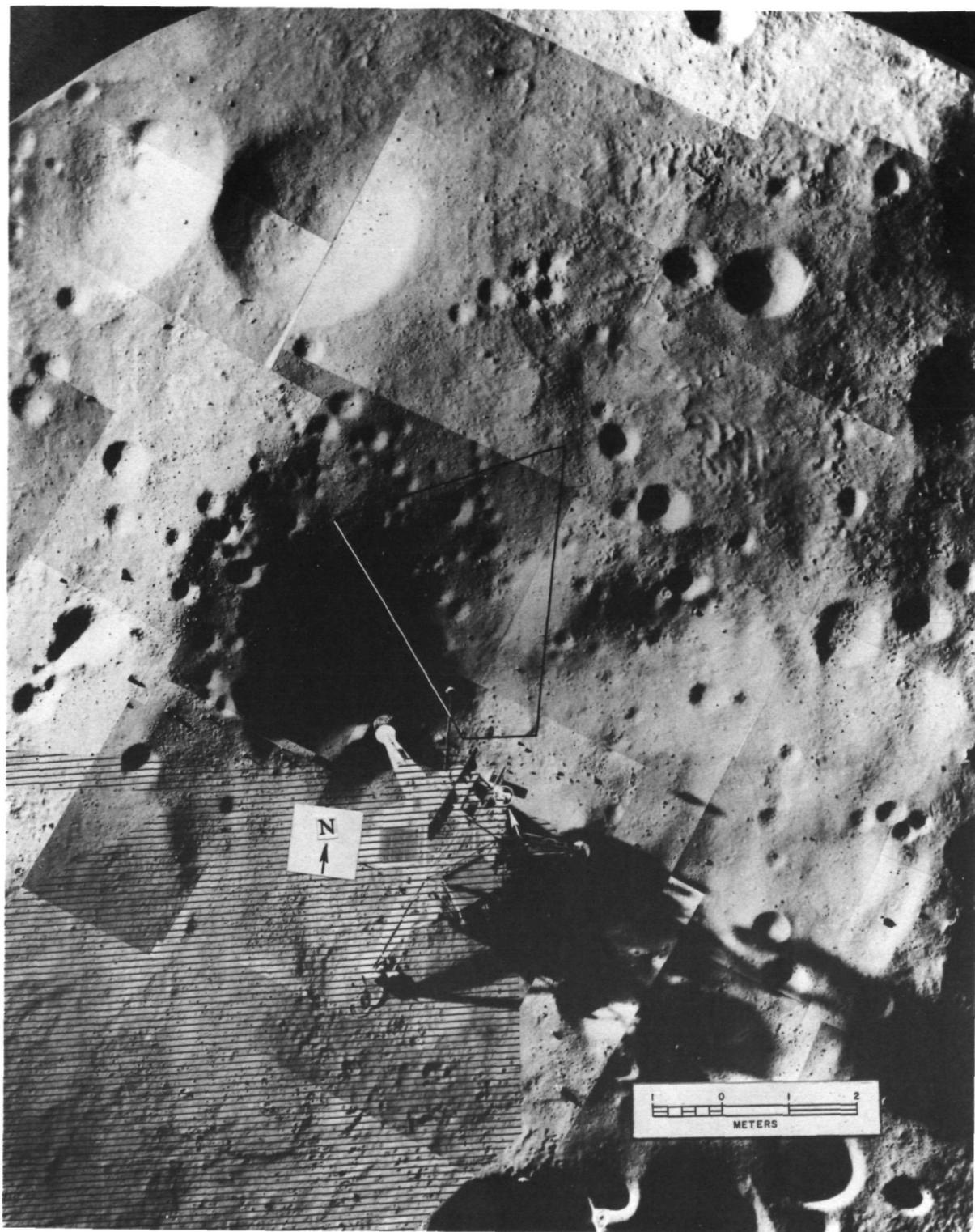


Figure 50(b).—Physical model of the surface of figure 50(a).

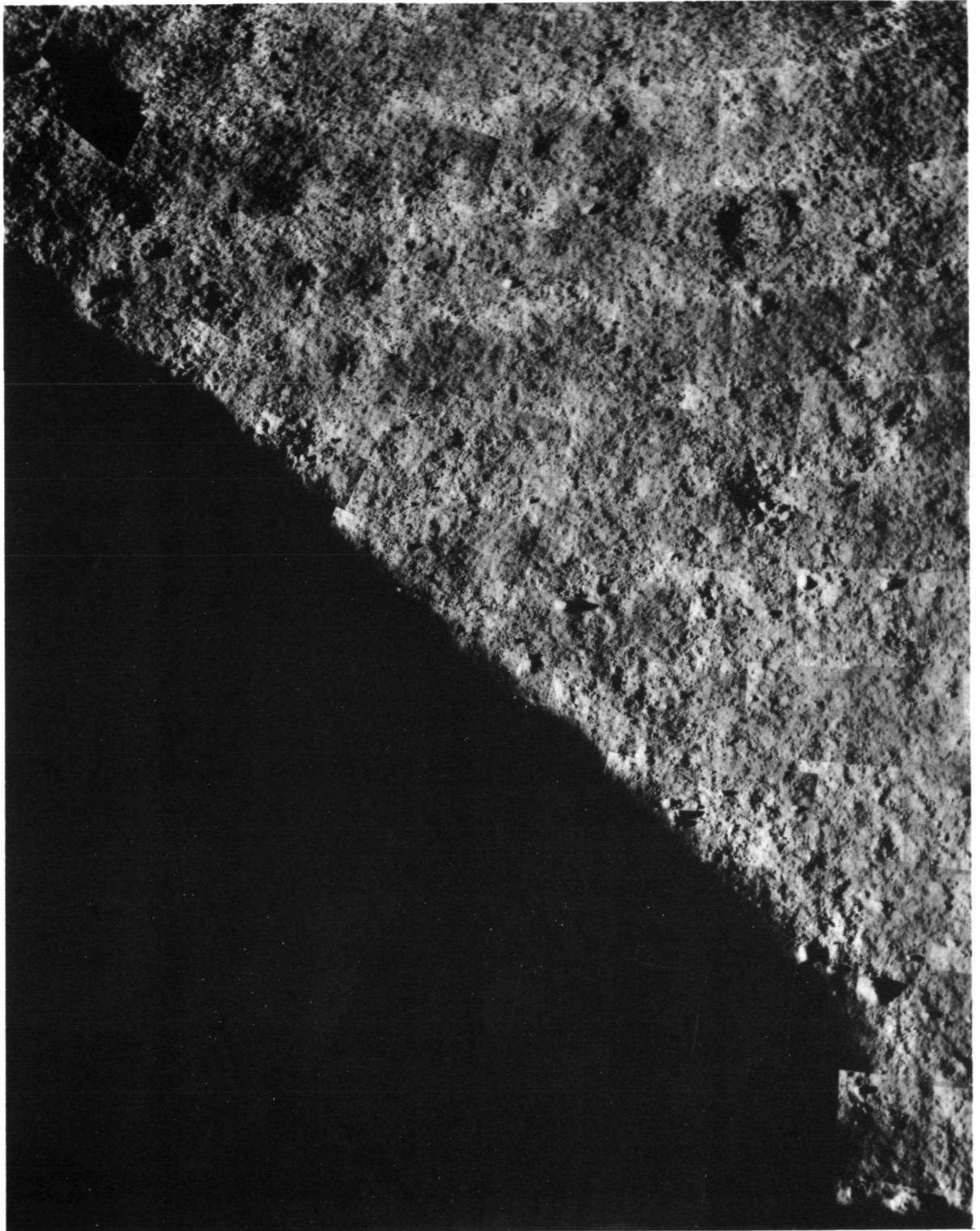


Figure 51(a).—Surveys L and K combined, near-field segment. (USGS 369-544)

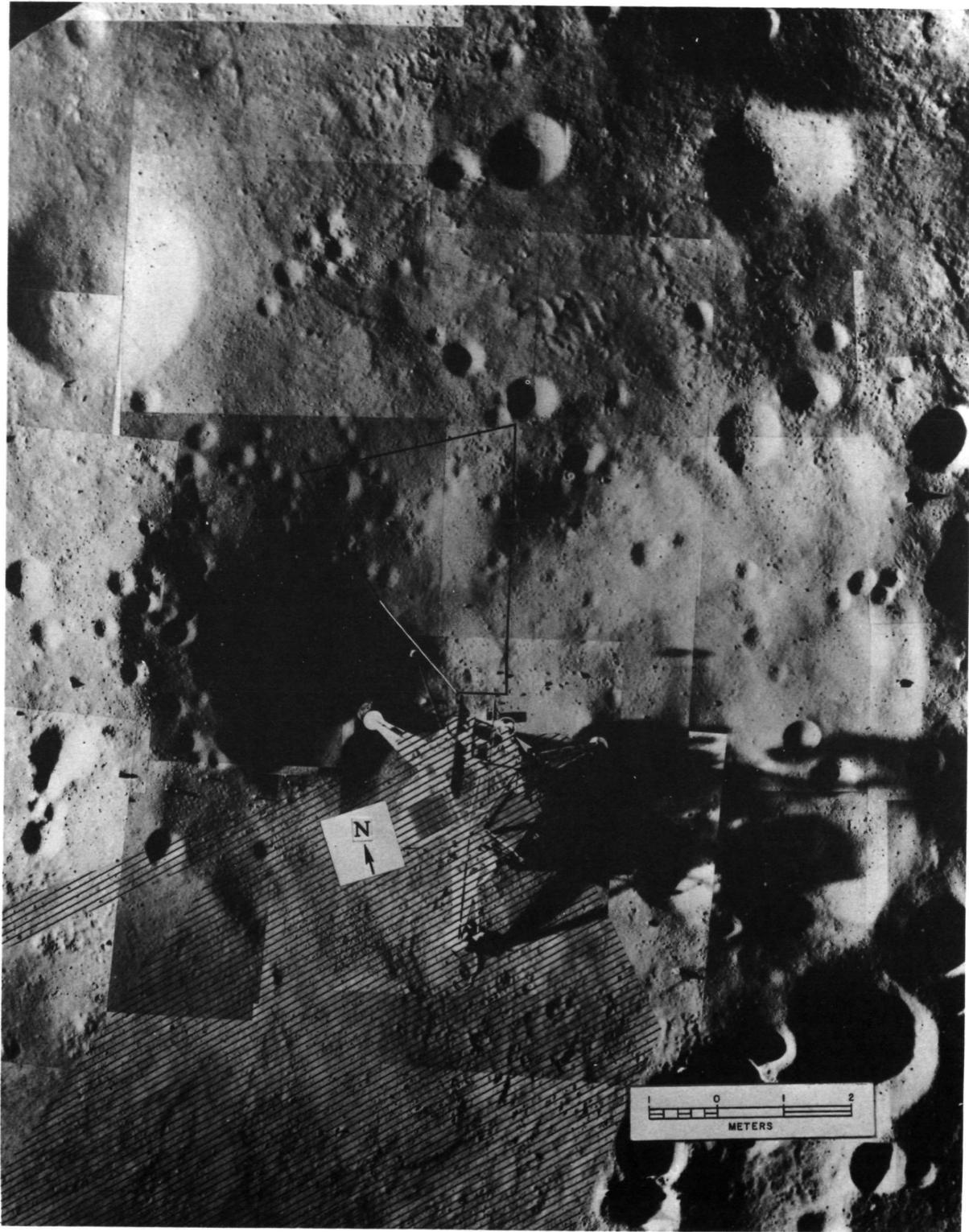


Figure 51(b).—Physical model of the surface of figure 51(a).

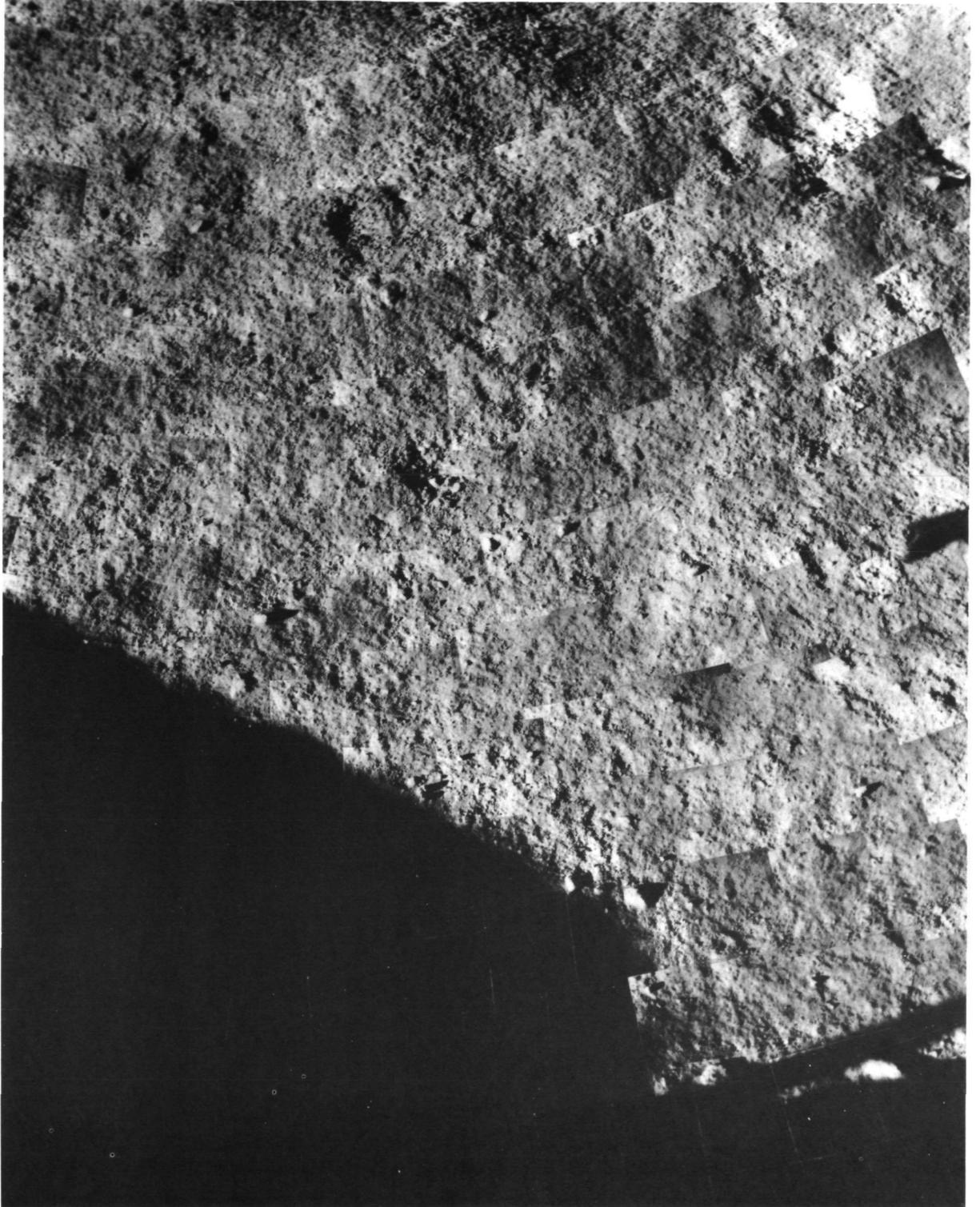


Figure 52(a).—Surveys L and K combined, near-field segment. (USGS 369-549)

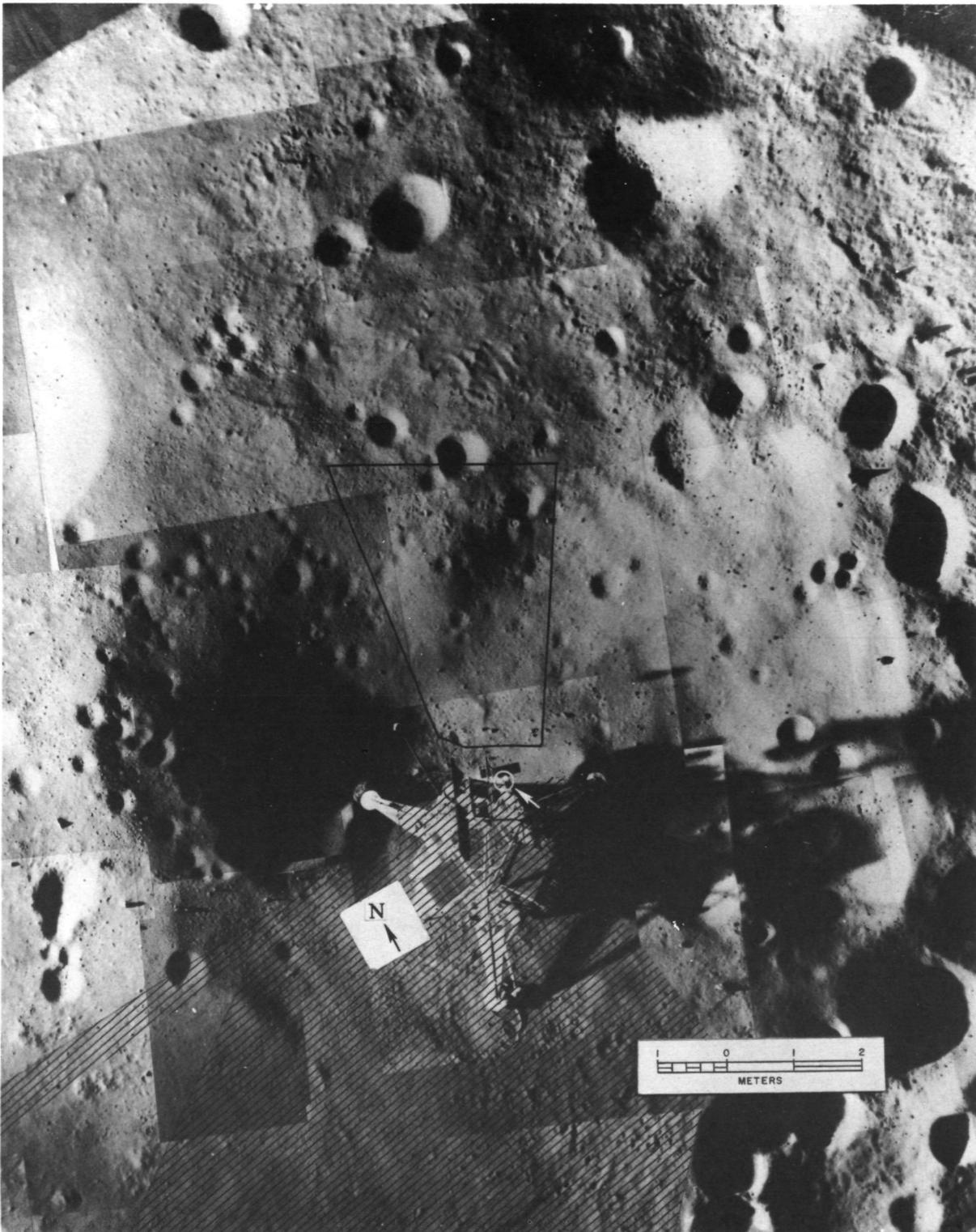


Figure 52(b).—Physical model of the surface of figure 52(a).

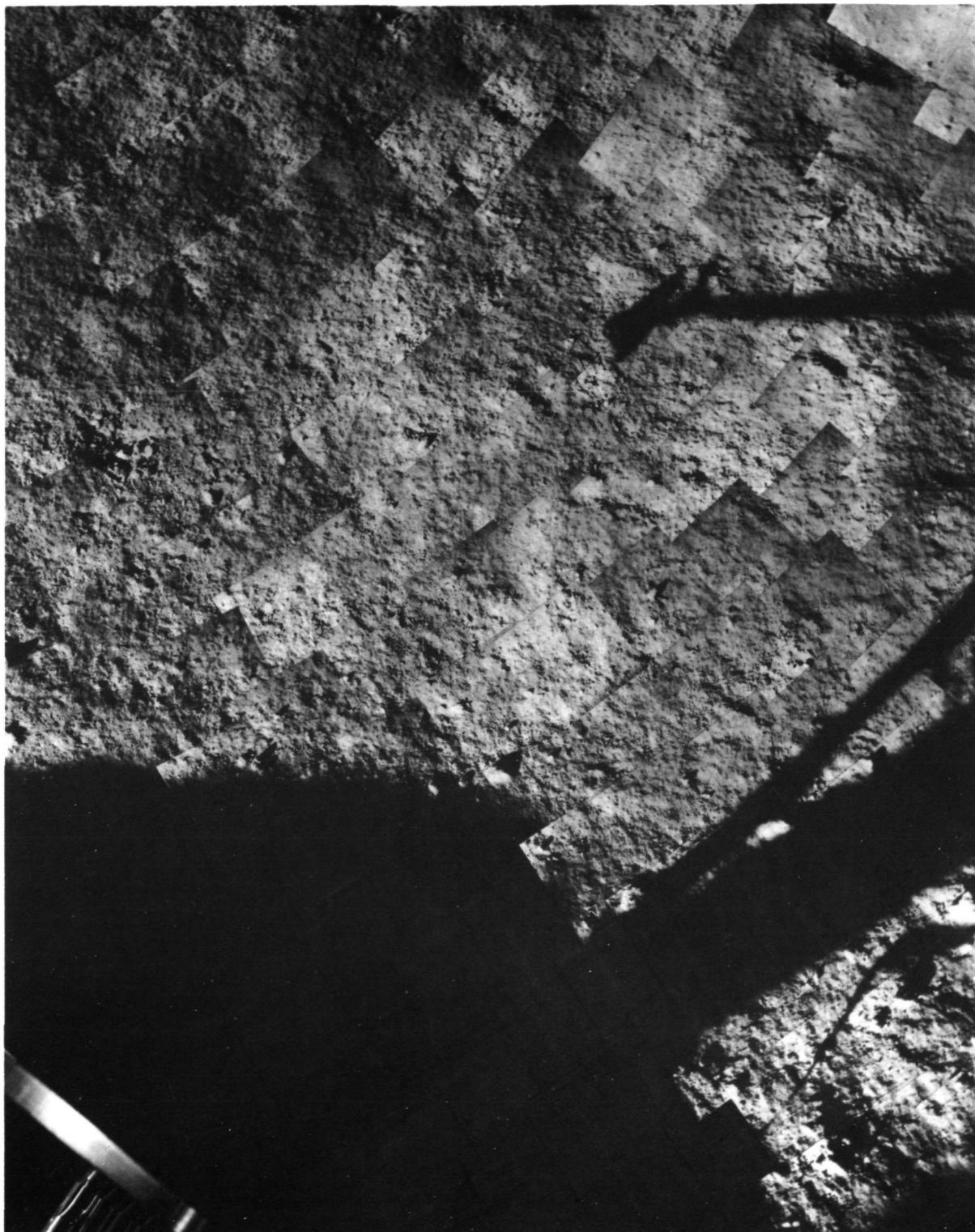


Figure 53(a).—Surveys L and K combined, near-field segment. The shadow of omnidirectional antenna is on the right edge of the mosaic. (USGS 369-545)

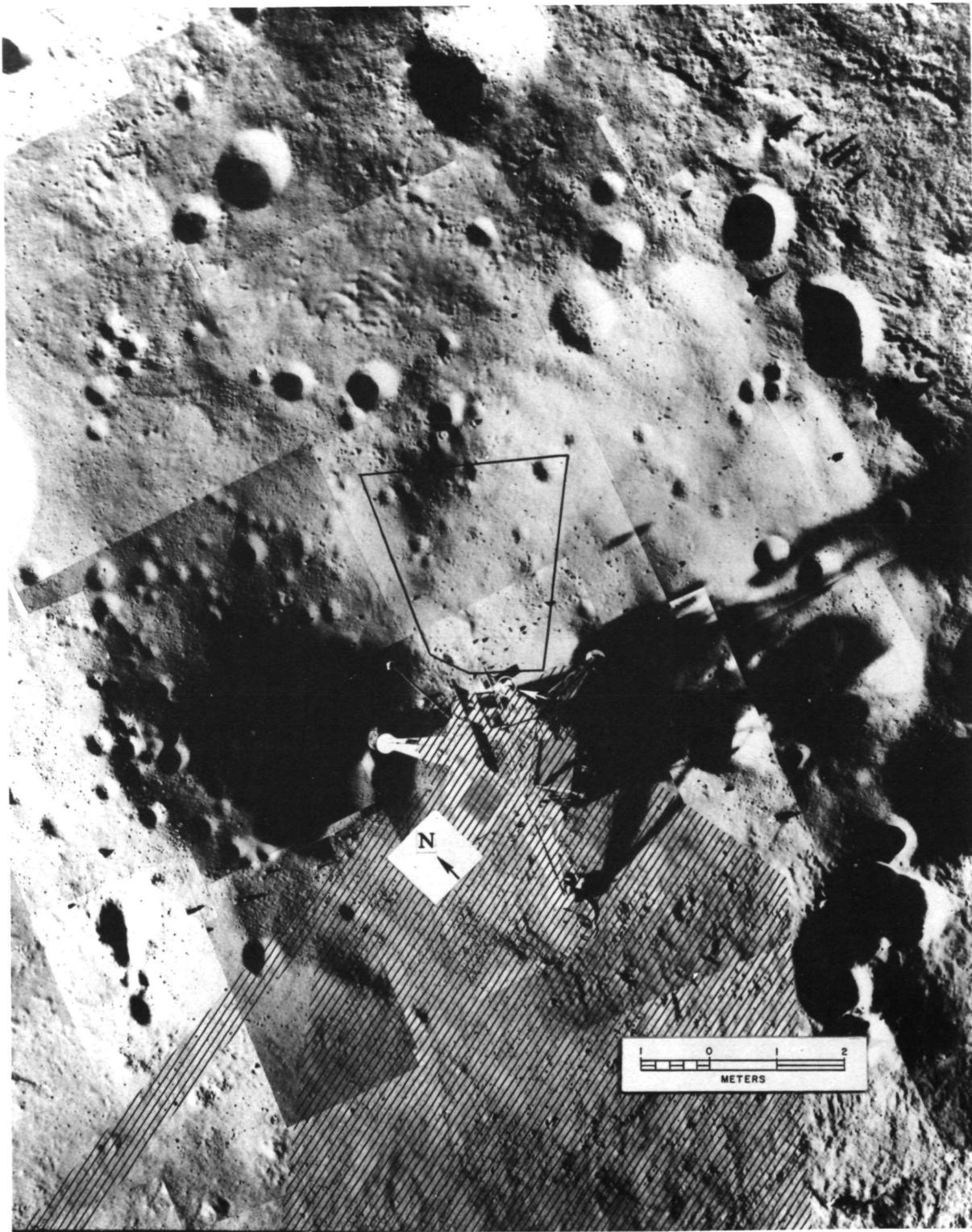


Figure 53(b).—Physical model of the surface of figure 53(a).



Figure 54(a).—Surveys L and K combined, near-field segment. The shadow of the spacecraft appears in the right half of the mosaic. The shadow of omnidirectional antenna B crosses the top of the mosaic. The shadow of crush block three protrudes from the spacecraft shadow on the right edge of the mosaic. Lunar surface in the lower right is occulted by the camera structure. (USGS 369-546)

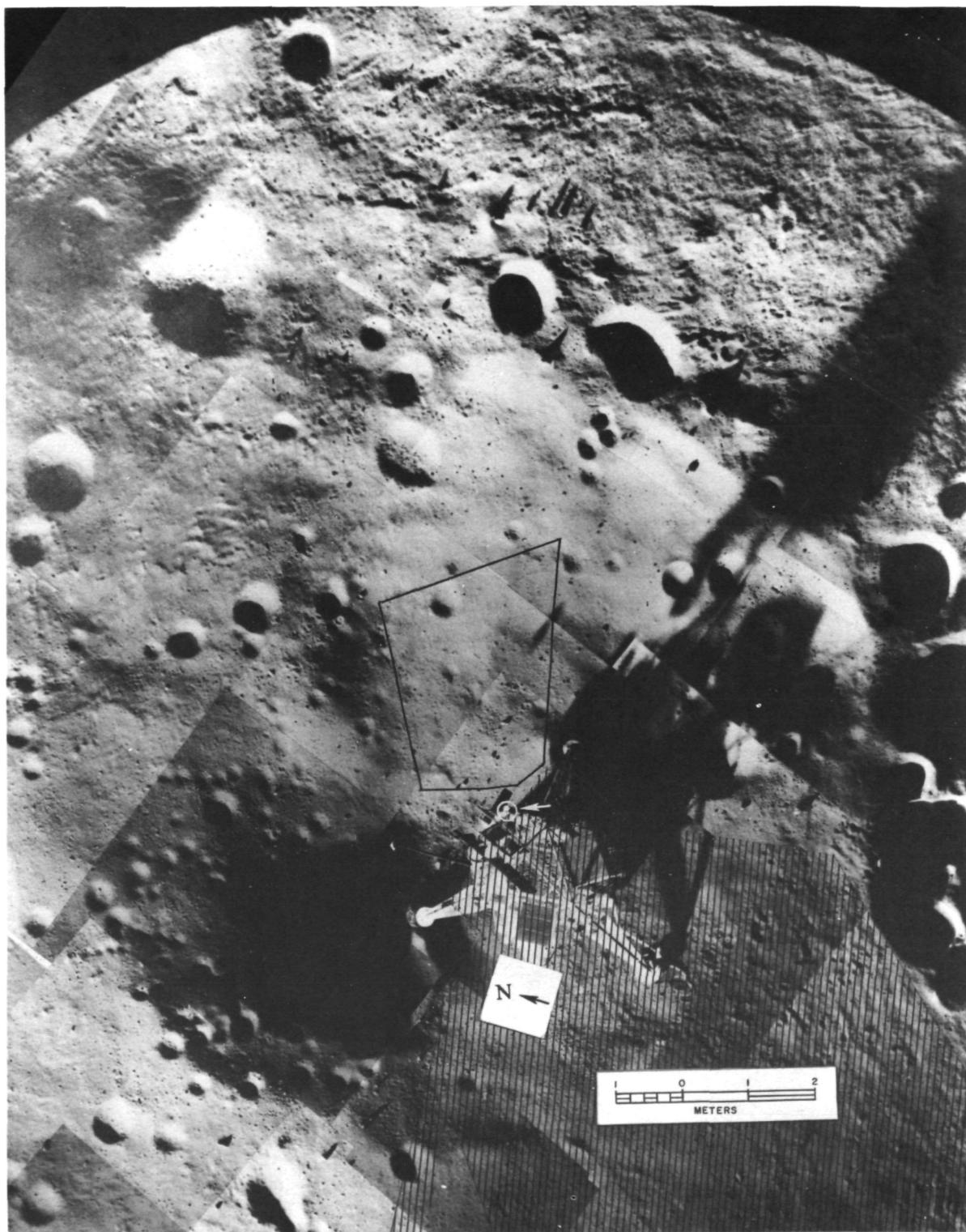


Figure 54(b).—Physical model of the surface of figure 54(a).



Figure 55(a).—Survey K, near-field segment. The shadow of the solar panel and television camera appears in the top mosaic. The shadow of omnidirectional antenna A is in the upper right corner of the mosaic. Lunar surface in the lower right corner is occulted by camera structure. Footpad two is above the vignettted area on the right edge of the picture but is in shadow. (USGS 369-547)

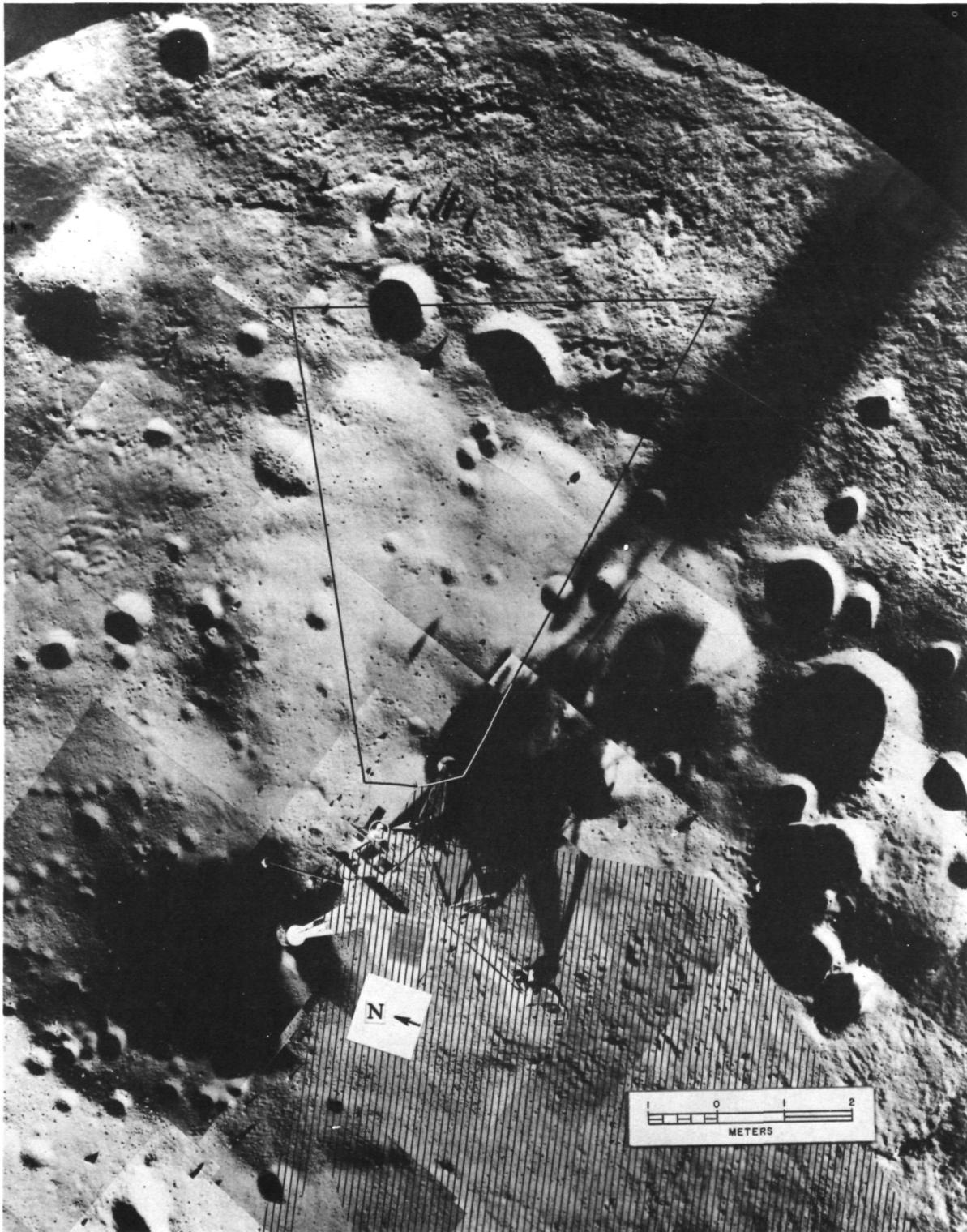


Figure 55(b).—Physical model of the surface of figure 55(a).

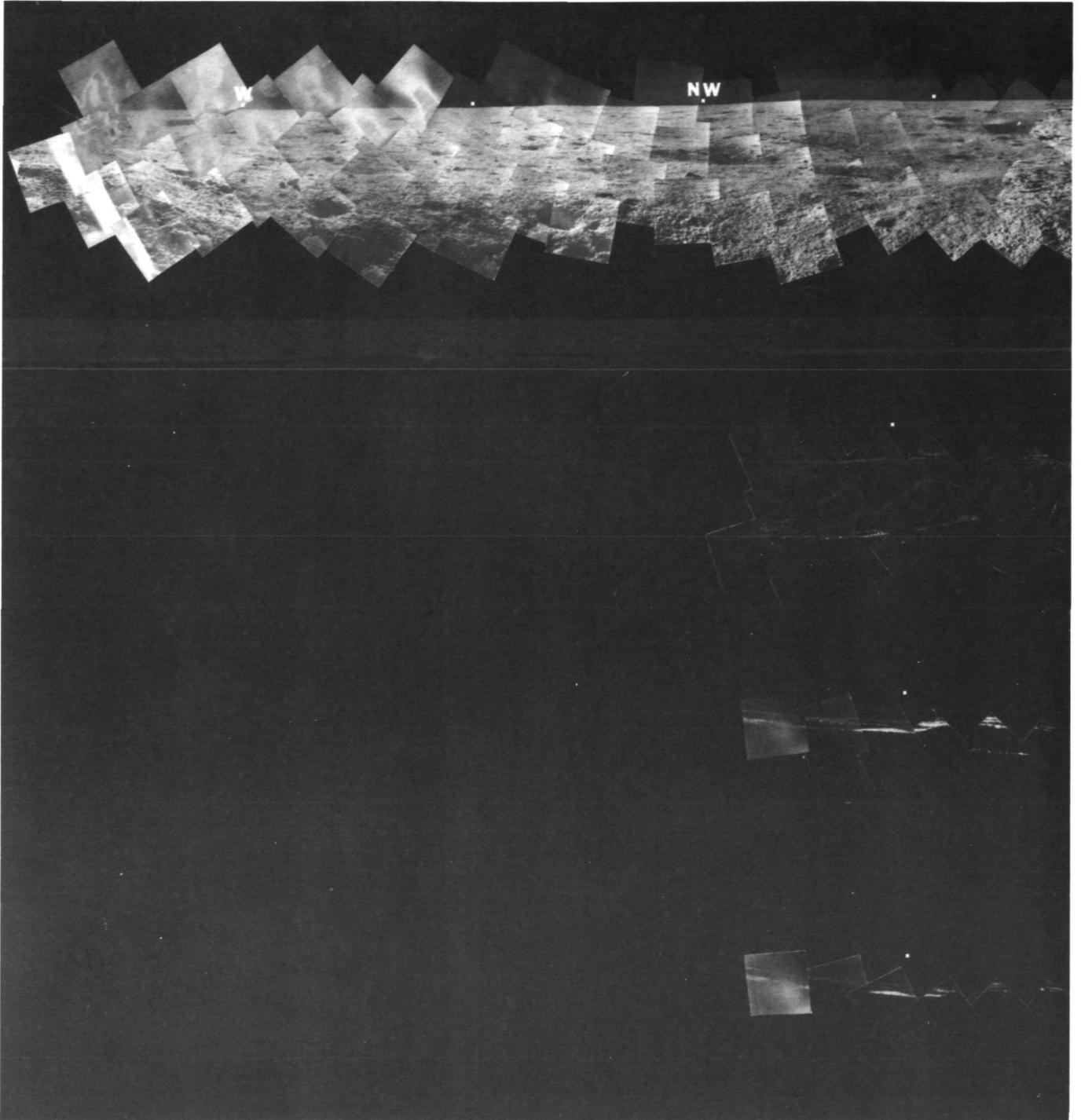


Figure 56.—The Surveyor 5 horizon. The mosaic on the top of the figure is a combination of the best available pictures of the Surveyor 5 horizon. The mosaics below are surveys M (taken $4\frac{1}{2}$ hr before lunar sunset), N (3 hr before sunset), P ($1\frac{1}{2}$ hr before sunset), and Q ($\frac{1}{2}$ hr before sunset). The horizons in surveys M, N, P, and Q are somewhat out of focus, probably owing to the low temperatures of the lunar evening. The low temperatures also caused the gas in the shock absorbers on spacecraft legs two and three to contract, so that the legs collapsed and the spacecraft tilted toward the northeast 1.9° . This slight additional tilt placed part of the horizon above the reach of the camera, resulting in some loss of picture data in parts of the horizon. (a) Looking northwest. (USGS 369-560)

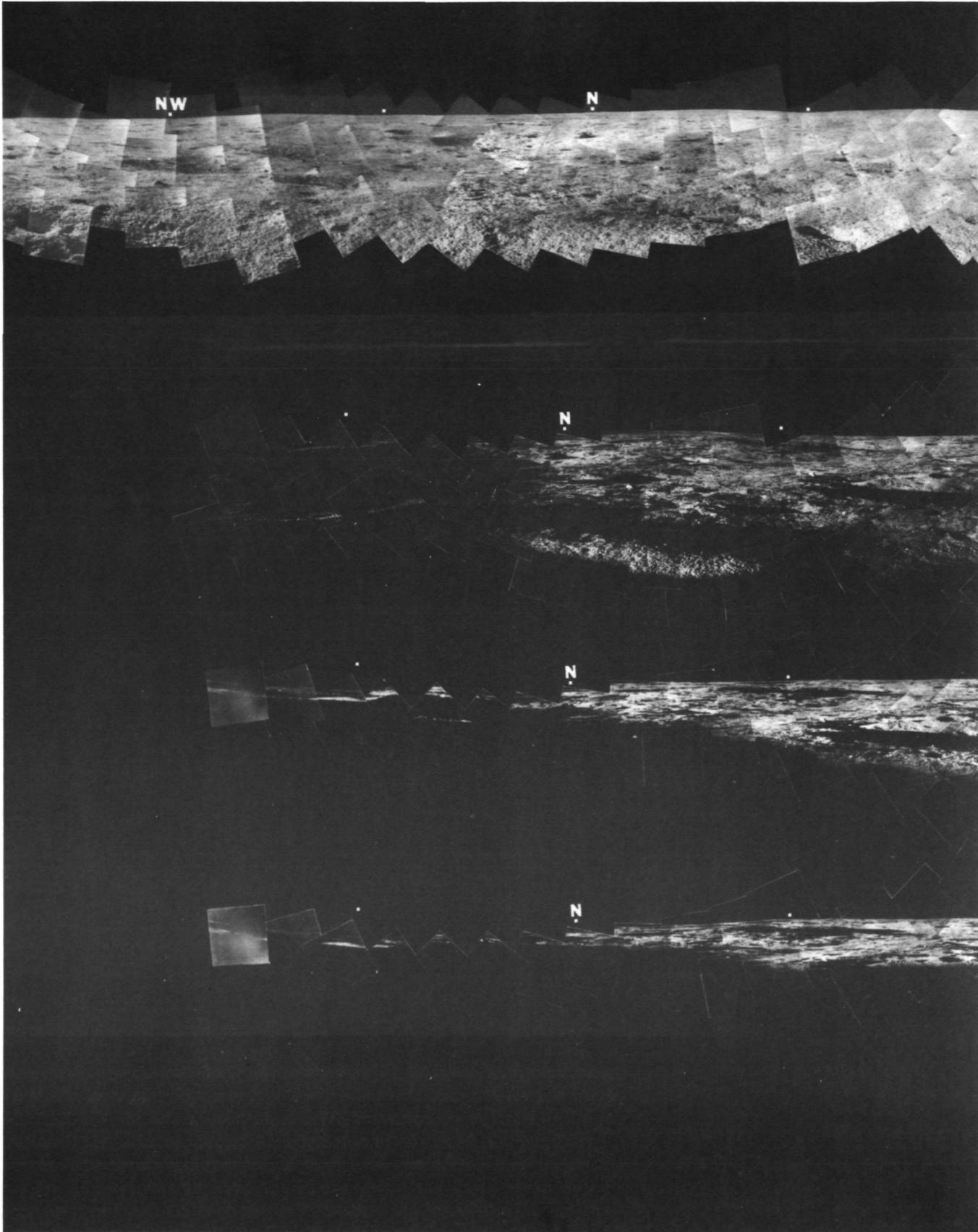


Figure 56 (continued).—(b) Looking north (USGS 369-562)

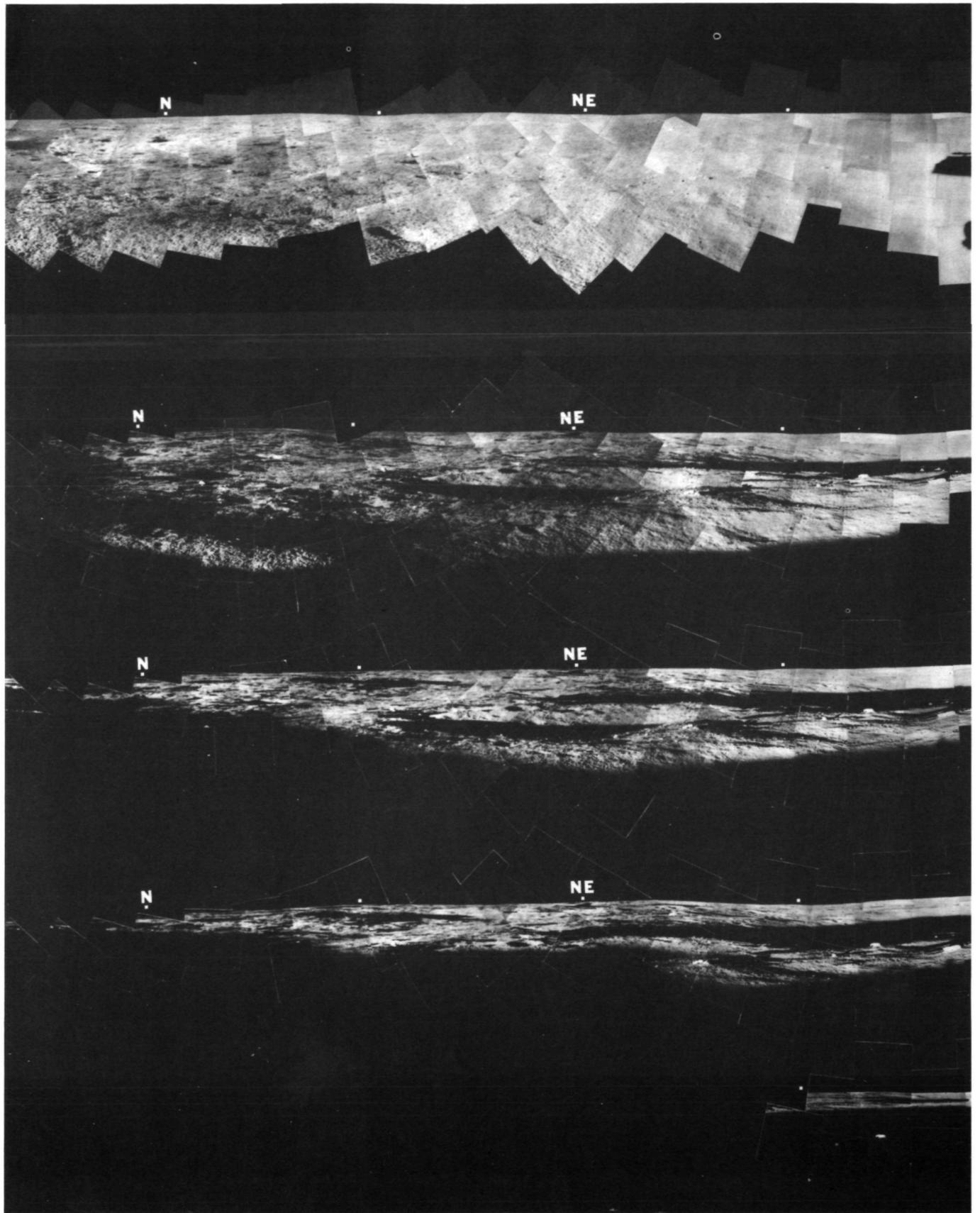


Figure 56 (continued).—(c) Looking northeast. (USGS 369-563)

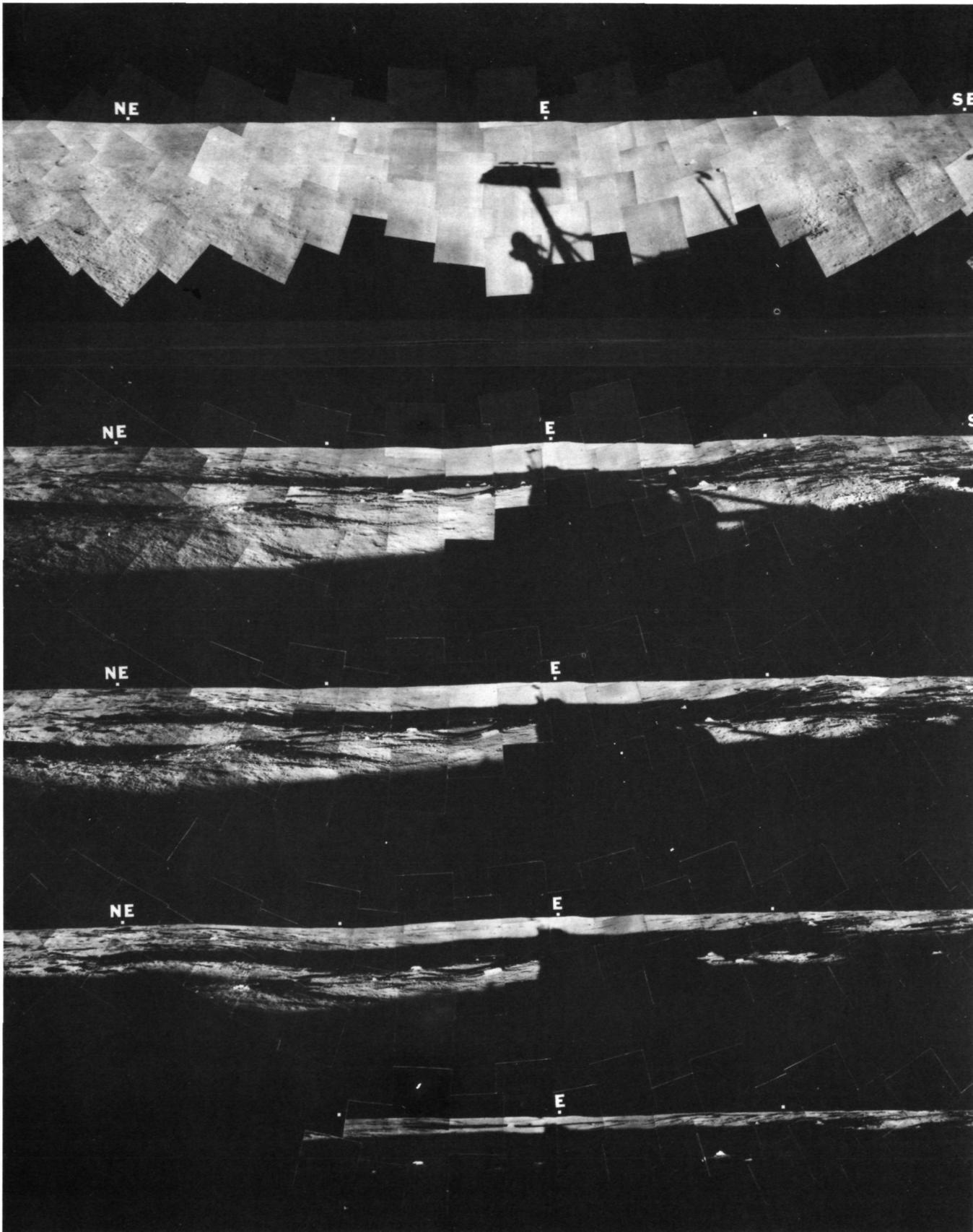


Figure 56 (continued).—(d) Looking east. (USGS 369-564)

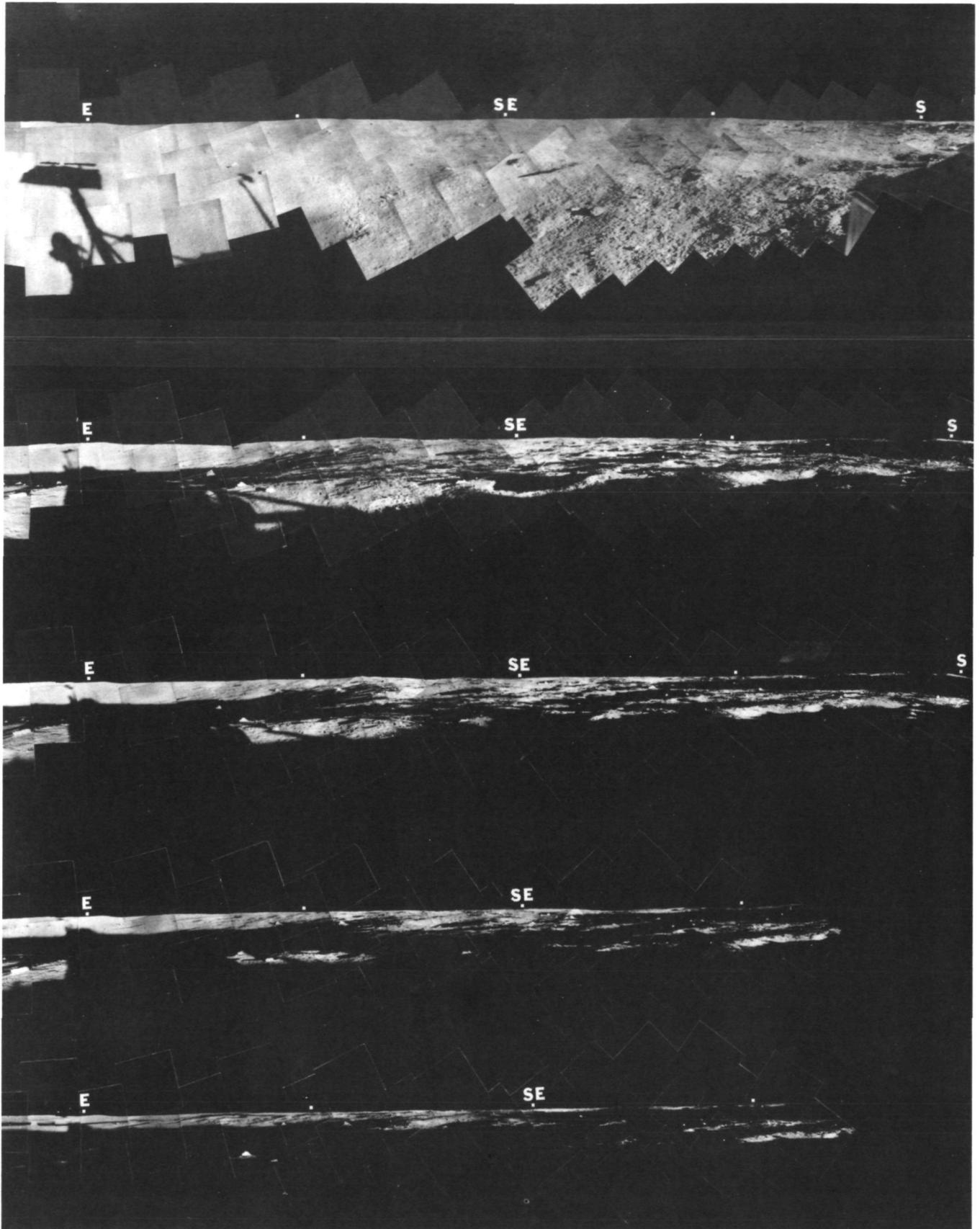


Figure 56 (continued).—(e) Looking southeast. (USGS 369-565)

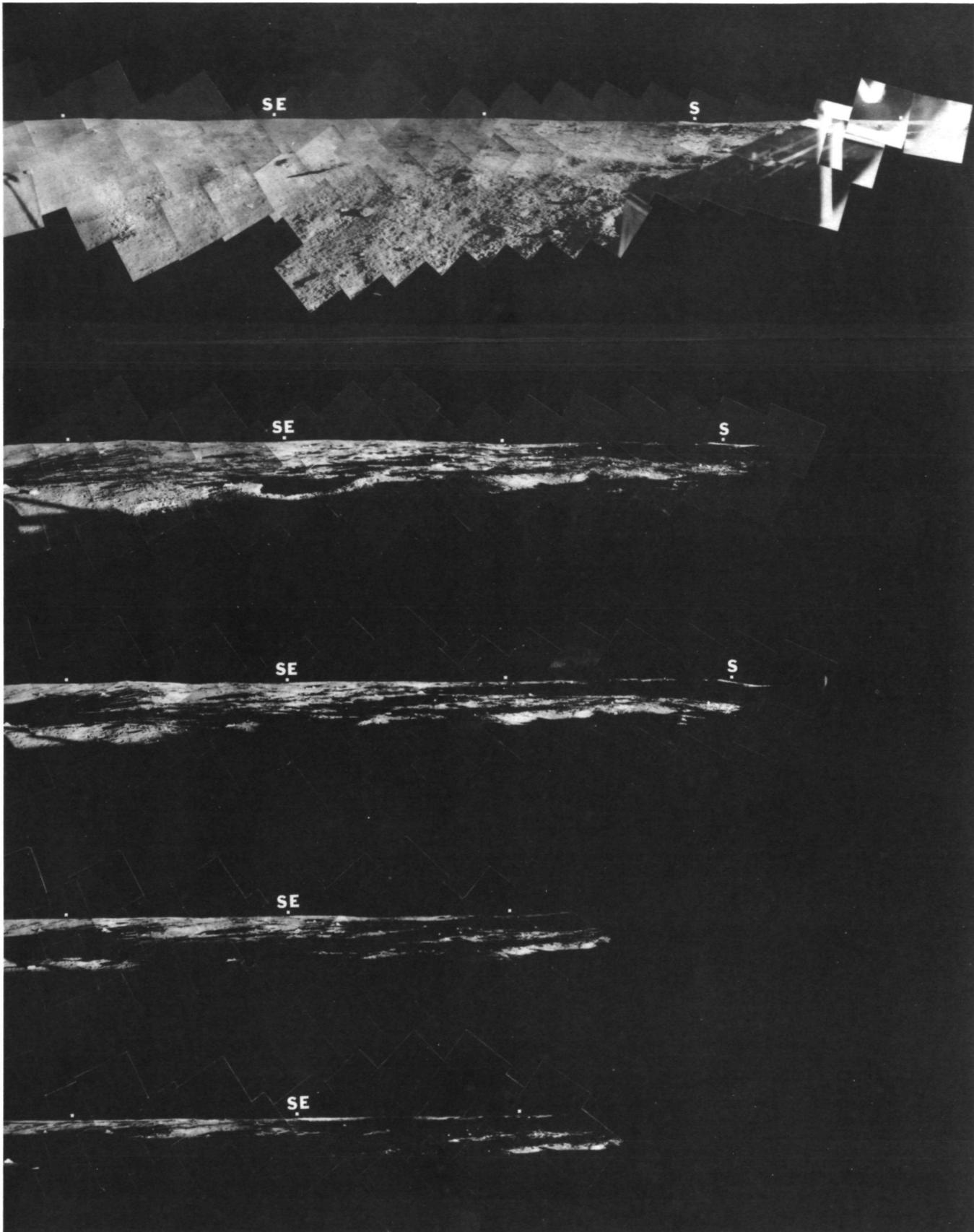


Figure 56 (concluded).—(f) Looking south-southeast. (USGS 369-566)

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Surveyor 5 Television Picture Data

Raymond M. Batson and Kathleen B. Larson

The data in this part of the atlas pertain to individual television pictures. Five kinds of picture data listings are included here: (1) a set of photoindex mosaics of pictures in the television survey panoramas with attendant frame identification data; (2) frame identification data for all other surveys, listed by survey designation; (3) a chronological listing of all pictures taken during the Surveyor 5 mission; (4) a listing of all pictures taken during the Surveyor 5 mission sorted according to camera azimuth and elevation; and (5) a tabulation of true horizontal and vertical angles for every camera azimuth and elevation setting that was used during the mission and, where they could be determined, x , y , and z coordinates of the intercept with the lunar surface of camera azimuth and elevation settings. The next section of this atlas contains a series of special-purpose mosaics assembled by personnel at the Jet Propulsion Laboratory.

CATEGORIES OF PICTURES

Surveyor 5 television pictures were taken in sequences called panoramic surveys and in other sequences designed to obtain optimum photographic coverage of areas of special interest. Panoramic surveys cover the area from 65° below the camera horizontal to the horizon. A mechanical stop 132° counterclockwise and 225° clockwise from the 0° camera azimuth prevented picture taking in a very small sector. During the Surveyor 5 mission, no pictures were taken to the left of the 126° azimuth or to the right of the -213° azimuth because of the possibility that the camera mirror might stick on one of the end stops. Panoramic surveys were taken in both wide- and narrow-angle lens modes.

Narrow-angle panoramas were taken to record surface detail with the highest resolution possible. A full panorama in the narrow-angle mode consists of 912 pictures. The pictures were taken every 6° horizontally and every 4.96° vertically until the entire area visible to the camera was photographed. Successive horizontal rows of pictures were offset 3° from each previous row to avoid gaps in coverage. Iris and focus were set at their optimum values for recording lunar surface detail. Figure 57 is a diagrammatic representation of survey panorama sequences in the narrow-angle mode.

Panoramas could be taken in the wide-angle mode in about one-tenth the time and with about one-tenth the number of pictures as are required for a panorama of narrow-angle pictures. Although wide-angle Surveyor pictures

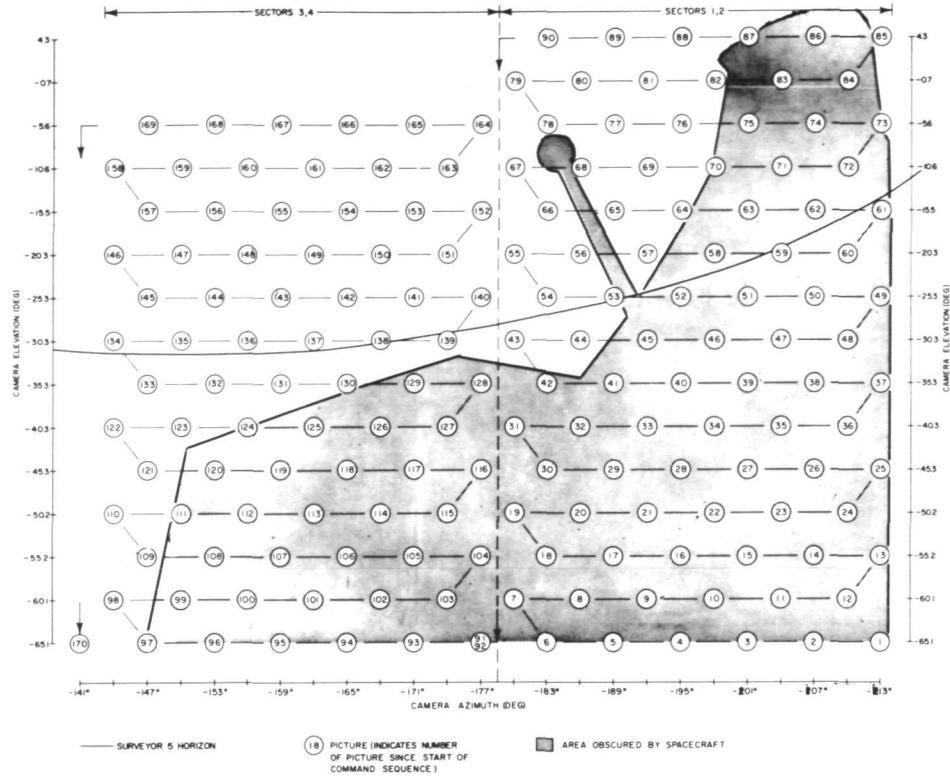


Figure 57.—Narrow-angle mode survey panorama sequence. Pictures in each segment were taken in the order shown by the circled numbers, at the camera azimuths and elevations shown. The location of the horizon is a function of camera tilt. (a) Segment 1, sectors 1 through 4.

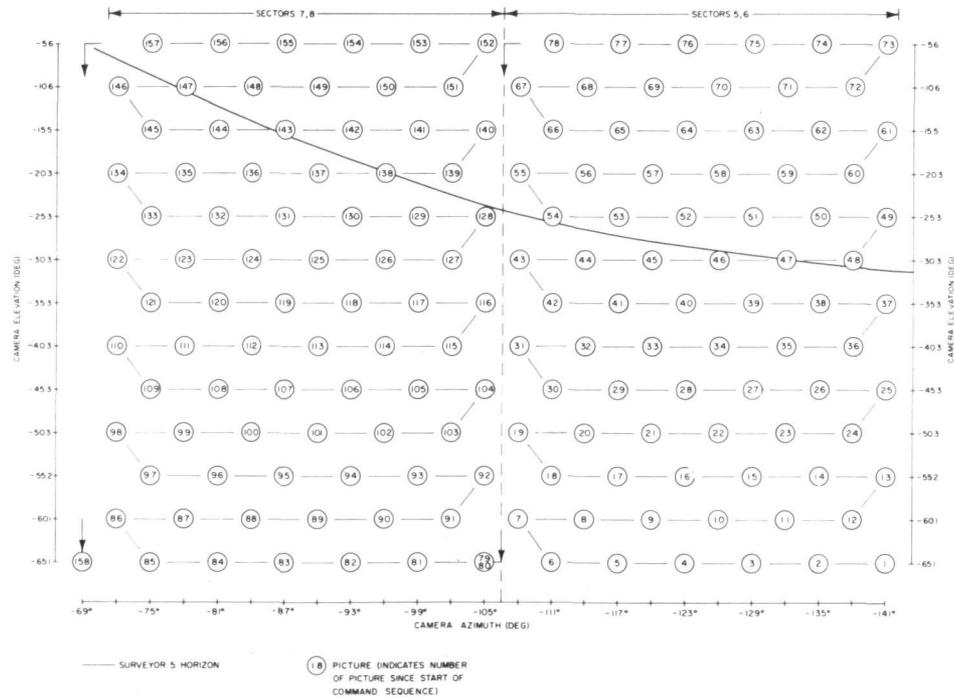


Figure 57 (continued).—(b) Segment 3, sectors 5 through 8.

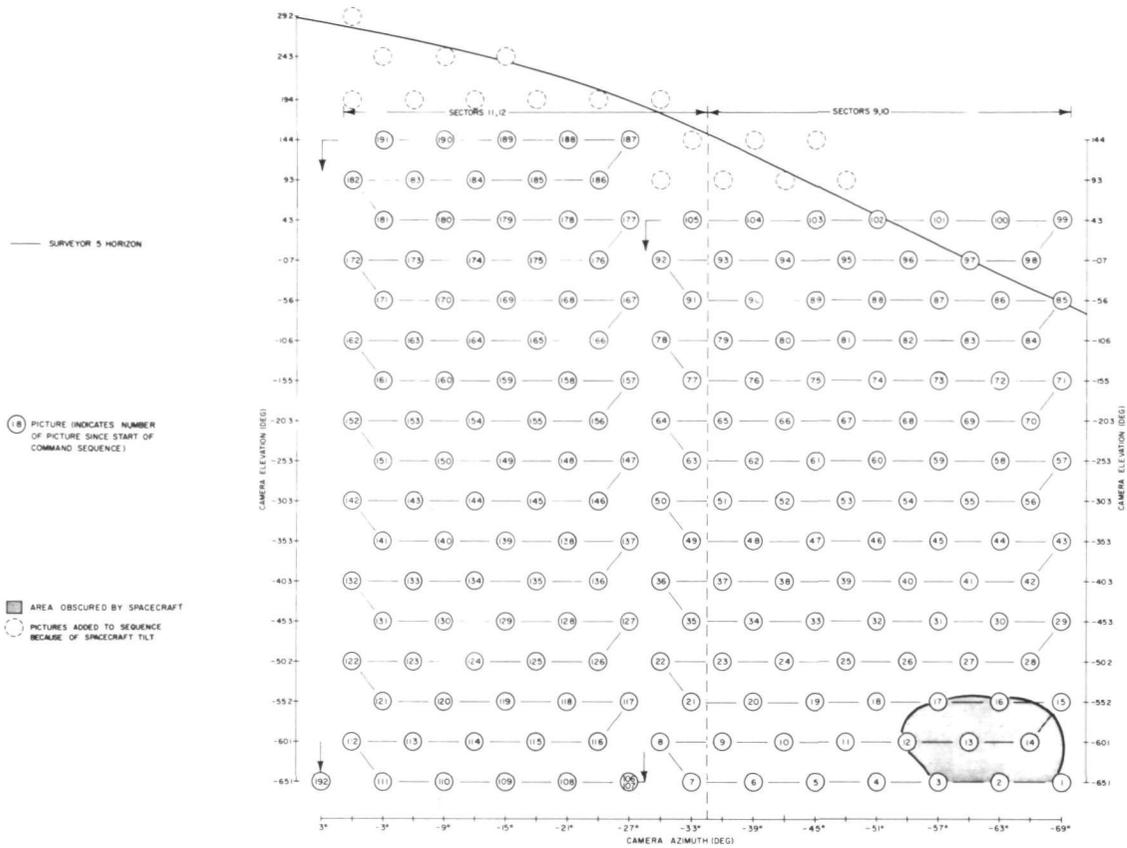


Figure 57 (continued).-(c) Segment 3, sectors 9 through 12.

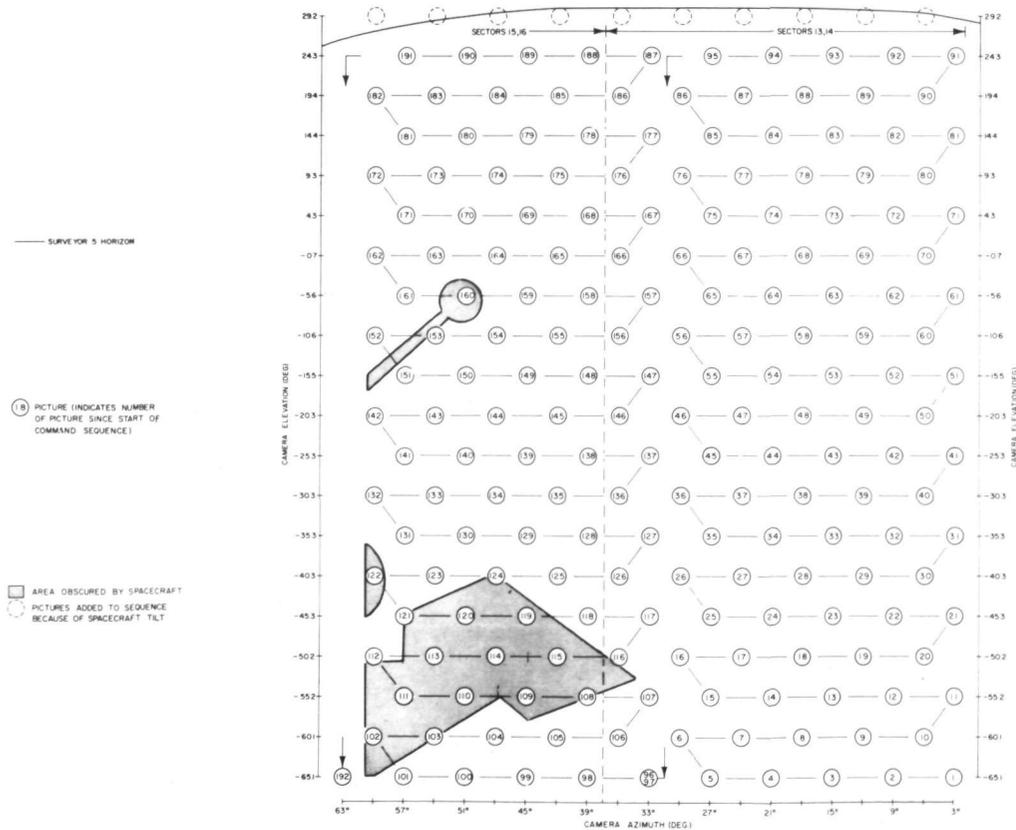


Figure 57 (continued).-(d) Segment 4, sectors 13 through 15.

ATLAS OF SURVEYOR 5 TELEVISION DATA

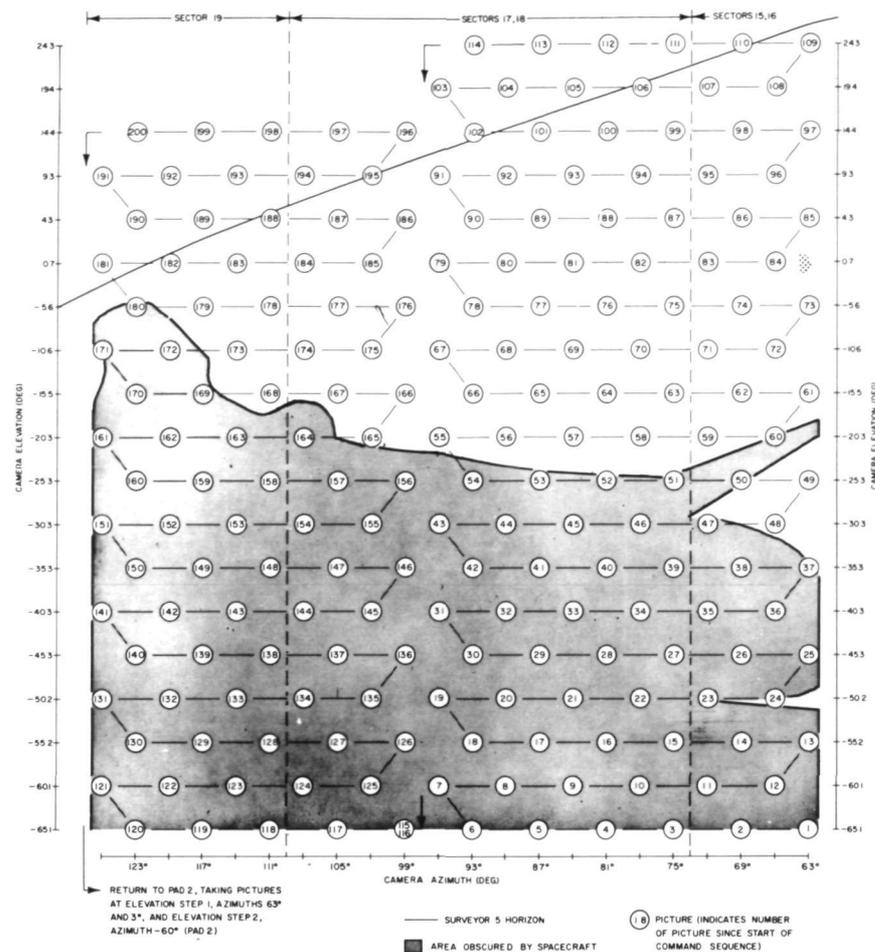


Figure 57 (concluded).—(e) Segment 5, sectors 16 through 19.

have only one-fourth the angular resolution of the narrow-angle pictures, wide-angle survey panoramas were useful for reconnaissance examination of the landing site when high resolution was not essential or when time did not permit taking narrow-angle survey panoramas. Figure 58 is a diagrammatic representation of the survey panorama sequences for the wide-angle mode. The first survey taken after landing was a partial panorama taken in the 200 television line wide-angle mode. This survey was designated the “standard sequence.”

Colorimetric surveys were taken by repeating surveys at each filter setting. Some were taken in the wide-angle mode, according to standard panoramic survey sequences; others of small areas of special interest were taken in the narrow-angle mode and consisted of only a few frames in each filter position. Colorimetric surveys are included under “photometry” surveys in the tabulations except for those taken specifically of the alpha scattering instrument.

Photometric surveys were taken, primarily in the narrow-angle mode, to record changes in scene luminance as a function of the angle between the Sun and the surface and the camera and the surface. Pictures in photometric

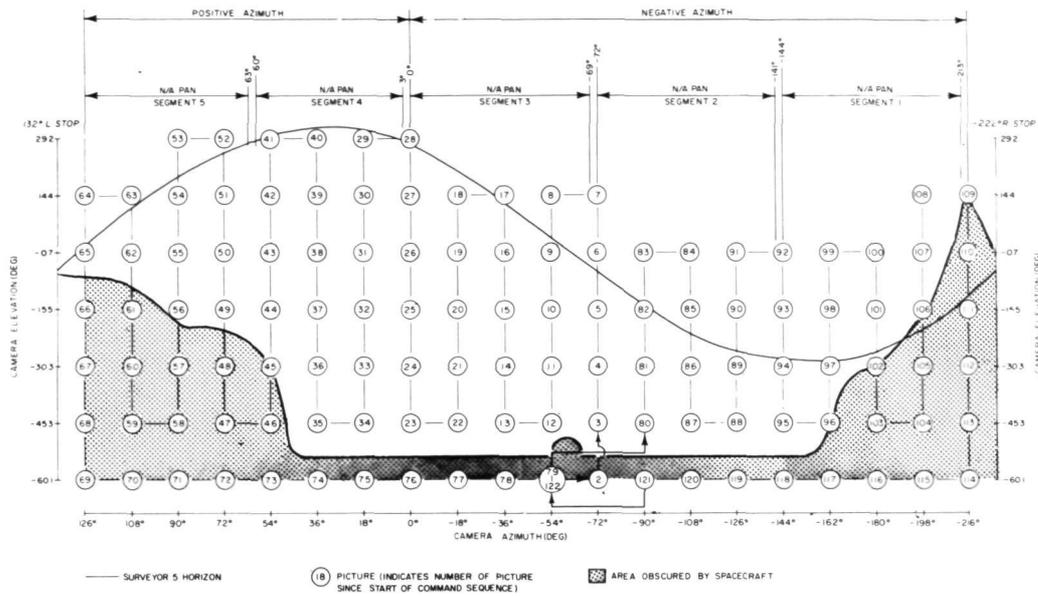


Figure 58.—Wide-angle mode survey panorama sequence. Pictures were taken in the order shown by the circled numbers, at the camera azimuths and elevations shown. The amplitude of the sinusoidal horizon curve is a function of camera tilt. (N/A = narrow angle.)

surveys were taken of the camera shadow and surrounding surface ("0 phase" in the tabulations) and at selected intervals along lines extending east, west, north, and south from the camera. Special areas of suspected photometric anomalies were also photographed systematically.

Photometric and colorimetric data were not measured on pictures taken during panoramic surveys because the photometric response of the camera changed nonuniformly with time. It was necessary to stop periodically during photometric and colorimetric surveys to take control pictures of calibrated color and photometric targets mounted on the spacecraft.

Pictures of stars were taken in the narrow-angle mode to measure the orientation of the camera with respect to the lunar surface.

Focus-ranging surveys were taken to measure the topography of the near field at the landing sites. Nine or more narrow-angle pictures were taken at successive focus steps at each elevation along given azimuths to determine the points of best focus for each focus setting. Focus-ranging surveys contain an average of 50 to 100 pictures per azimuth.

Topographic computations were also made by measuring the images of shadows on the television pictures. These surveys consisted of 1 to 24 wide- and narrow-angle pictures of the shadow of the spacecraft as it moved across the eastern terrain during the lunar afternoon.

Special area surveys consisted of a series of small surveys in wide- and narrow-angle modes of spacecraft parts, spacecraft/surface contact areas, images in specially located mirrors of spacecraft/surface contact areas, and other areas of special interest. These were taken to examine parts of the spacecraft for possible damage and to examine the interaction of spacecraft

parts with the lunar surface. When panoramic surveys were taken, the camera iris and focus were set at values appropriate for the lunar surface; during the special area surveys, they were set at values appropriate for the area being photographed. "Specials," "mirror," "special misc.," "solar glare test," "rock," "W/A at el -70," "second lunar day," "fourth lunar day," and "misc." are all special area surveys. Figure 59 is a wide-angle picture taken as part of a mirror survey, and figure 60 is a picture of footpad three taken on the second lunar day. Figures 198 through 222 are mosaics of other pictures in some of the special area surveys.

The solar corona was photographed after lunar sunset on the Surveyor 5 mission. These surveys, which consisted of a series of wide- and narrow-angle pictures taken along the western horizon immediately after sunset, were repeated at regular intervals for several hours after sunset (fig. 61). Pictures of the lunar surface illuminated by earthshine were also taken after lunar sunset.

The alpha scattering instrument required only minor support from the television camera. Short predeployment surveys and periodic postdeployment surveys (fig. 62) were taken to examine the instrument itself for change or damage. Some of these surveys were taken with color filters, and some were taken of a special mirror placed on the spacecraft in such a way as to view parts of the instrument not directly visible to the camera. Surveyor 5 carried small bar magnets attached to the spacecraft footpads. These were surveyed under varying illuminations to examine for accumulations of magnetic material (fig. 63).

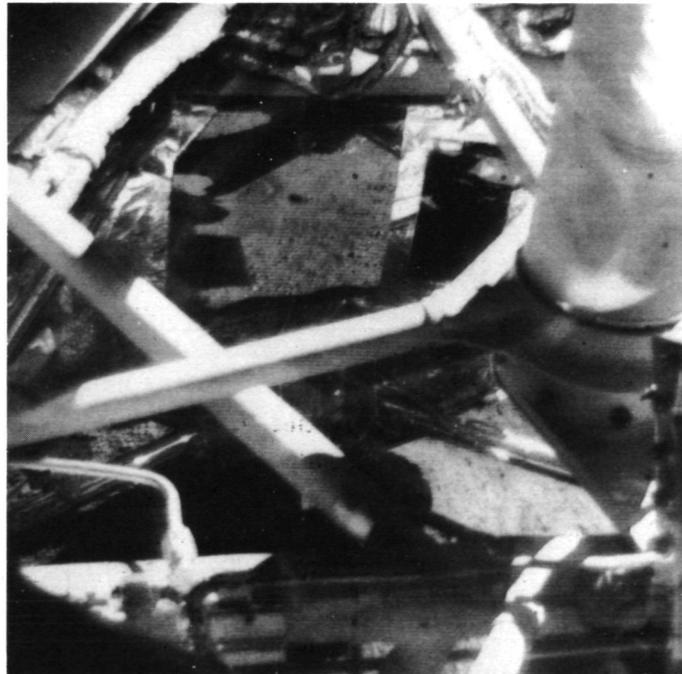


Figure 59.—Wide-angle picture of a special mirror used to view the lunar surface under crush block three. (GMT 263 11:46:49)

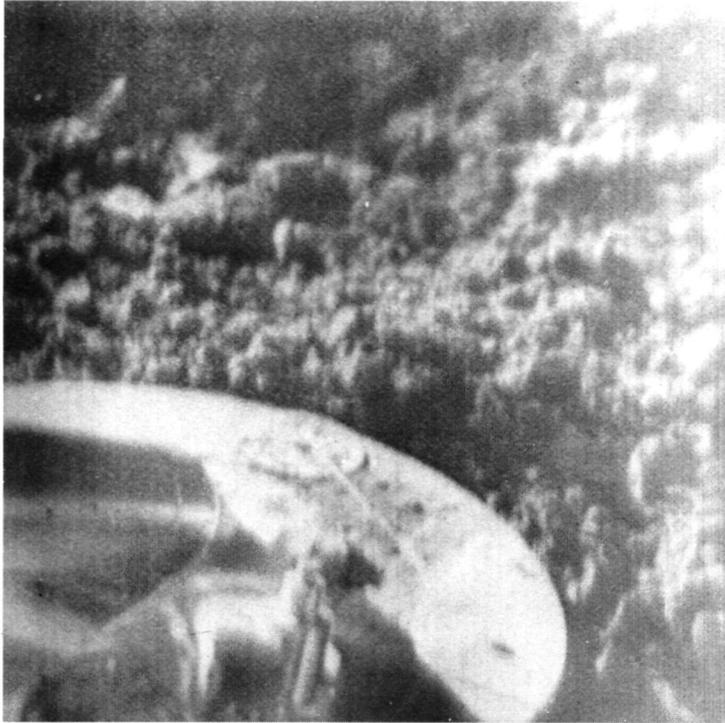


Figure 60.—Footpad three, second lunar day. (GMT 295
96:34:12)



Figure 61.—Solar corona from Surveyor 5. (GMT 267
11:08:32)

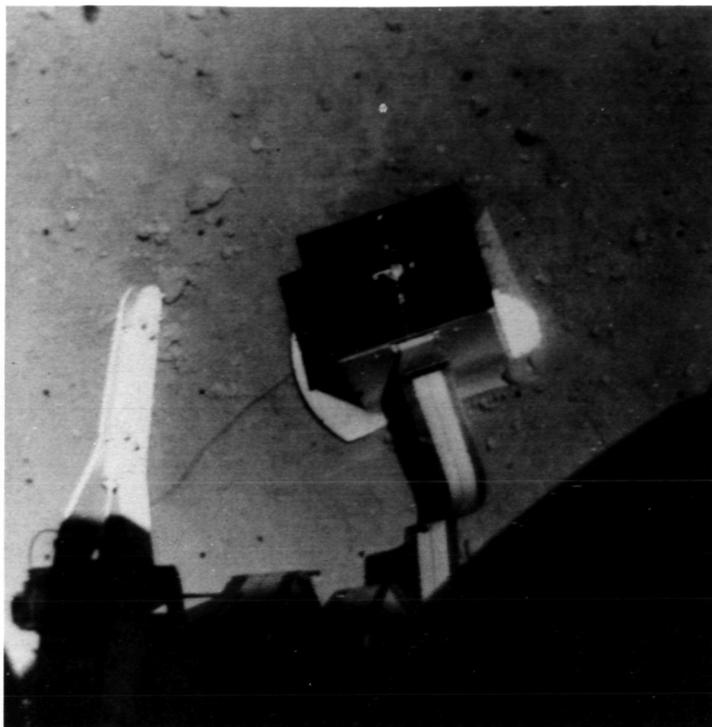


Figure 62.—The Surveyor 5 alpha scattering instrument. (GMT 258 09:32:55)

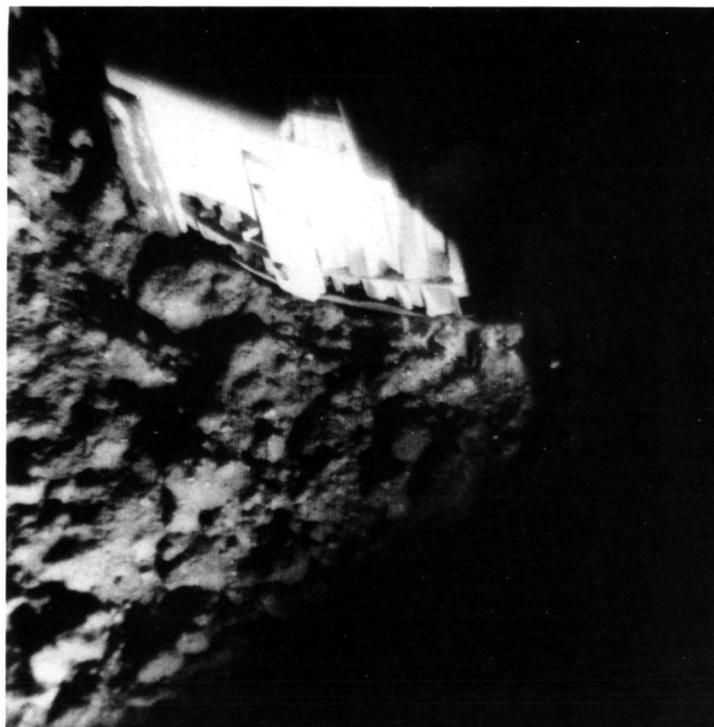


Figure 63.—Bar magnet on footpad two with accumulation of material. As a control, a second bar, identical in appearance but nonmagnetic, was placed on the footpad. (GMT 266 09:54:20)

Table I.—*Categories of Surveyor 5 Pictures*^a

Category	Number of pictures			
	1st lunar day	2d lunar day	4th lunar day	Total
Narrow-angle panoramas	^b 6 608			6 608
Wide-angle panoramas	^c 2 512			2 512
Photometric surveys	^b 2 034			2 034
Focus-ranging surveys	2 777			2 777
Alpha scattering instrument support	30			30
Special area surveys, magnets, and miscellaneous	2 683	1015	^d 63	3 761
Stars and planets	182			182
Shadow progression	895			895
Solar corona	74			74
Total	17 795	1015	63	18 873

^aThe number of pictures listed represents the total number of picture identification data entries received by the U.S. Geological Survey from the Jet Propulsion Laboratory. Calibration frames, spurious entries, and duplicate entries, such as those for the same picture recorded at two deep-space stations, have not been included in the count. Differences between the totals given in this table and those given in other reports probably are due to differences in counting methods.

^bIncludes pictures taken through color filters.

^cIncludes 200-line pictures and pictures taken through color filters.

^d200-line television pictures.

Some pictures, such as those designated "SPAC TV gain margin test" and "camera interrogation" were taken primarily for engineering purposes.

Table I lists categories and number of pictures taken with the Surveyor 5 camera.

PHOTOINDEX MOSAICS

The photoindex mosaics in the following sections were made on control grids designed for the purpose. Mosaic grids for narrow-angle pictures are modified cylindrical projections of meridians and parallels (representing camera azimuth and elevation, respectively) in which the central meridian of the grid is tangent to a meridian on a sphere. Meridians are projected at 3° intervals to 18° either side of the central meridian. Parallels are drawn at 4.96° intervals across the grid. Images on adjacent narrow-angle pictures match fairly well, vertically and horizontally, on such grids. Any attempt to make flat mosaics of narrow-angle pictures much wider than 36° in azimuth, however, results in distortion in the mosaic and difficulty in matching images in adjacent pictures. Mosaic grids for wide-angle pictures are also modified cylindrical projections, but in this case the line of tangency to the sphere is the equator, or the 0° camera elevation line. The meridians are all vertical on this kind of grid. The spacing of the parallels is compressed vertically to match the camera field of view, so that images in pictures taken along a given camera azimuth (or meridian) will match when the picture center is placed

on the correct parallel (or camera elevation). Images in pictures taken along adjacent camera azimuths, however, will match closely only along the 0° camera elevation line. The wide-angle mosaic grid is primarily useful for displaying the pointing directions of pictures in camera coordinates, not for photointerpretation.

The pictures taken by Surveyor 5 are rotated with respect to vertical as a function of camera azimuth because of the mirror that was used to direct the camera line of sight. For example, a picture taken along the 0° camera azimuth will be “right side up,” whereas one taken along on azimuth 90° right or left of 0° will be “sideways,” and one taken 180° from 0° will be “upside down.” The automatic printing of frame numbers on the photoindex mosaics was therefore not practical, and hand-lettering each frame was necessary.

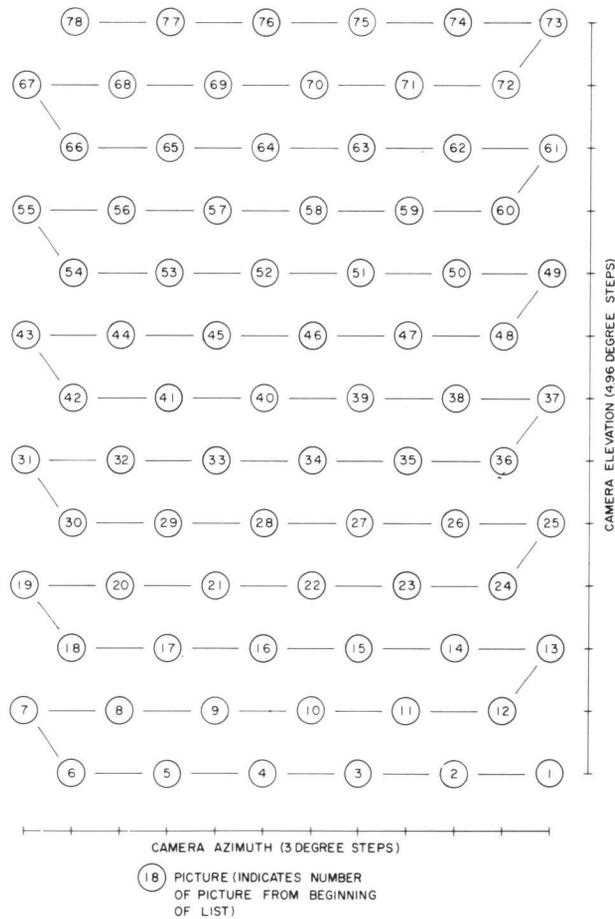


Figure 64.—Frame listing order in photoindexes of narrow-angle pictures.

Figure 64 shows the order of the photoindex mosaics (figs. 65 to 185). The frame data tabulations facing each photoindex contain listings for pictures in the photoindex mosaic only.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
254 020056	78	-20.3	2.7	15.9	2	DUPLICATE
254 020236	78	-20.3	2.7	11.0	2	DUPLICATE
254 020415	78	-20.3	2.7	7.8	2	
254 020535	57	-20.3	2.7	10.0	2	
254 020714	57	-0.7	2.7	9.4	2	
254 020854	57	14.4	2.7	9.4	2	
254 021054	36	-20.3	2.7	7.8	2	DUPLICATE
254 021233	36	-20.3	2.7	8.8	1	
254 021413	15	-20.3	2.7	8.3	1	
254 021634	-6	-20.3	2.7	7.8	1	
254 021753	-27	-20.3	2.7	4.9	1	
254 021914	-48	-20.3	2.7	7.7	1	
254 022033	-63	-20.3	2.7	7.8	1	
254 022253	-63	-40.3	2.7	7.9	1	
254 022433	-63	-55.2	2.7	6.2	1	
254 022714	-60	-55.2	2.2	4.9	1	
254 022934	-60	-55.2	2.2	15.8	1	
254 023115	-63	-55.2	2.2	15.8	1	DUPLICATE OF 022433

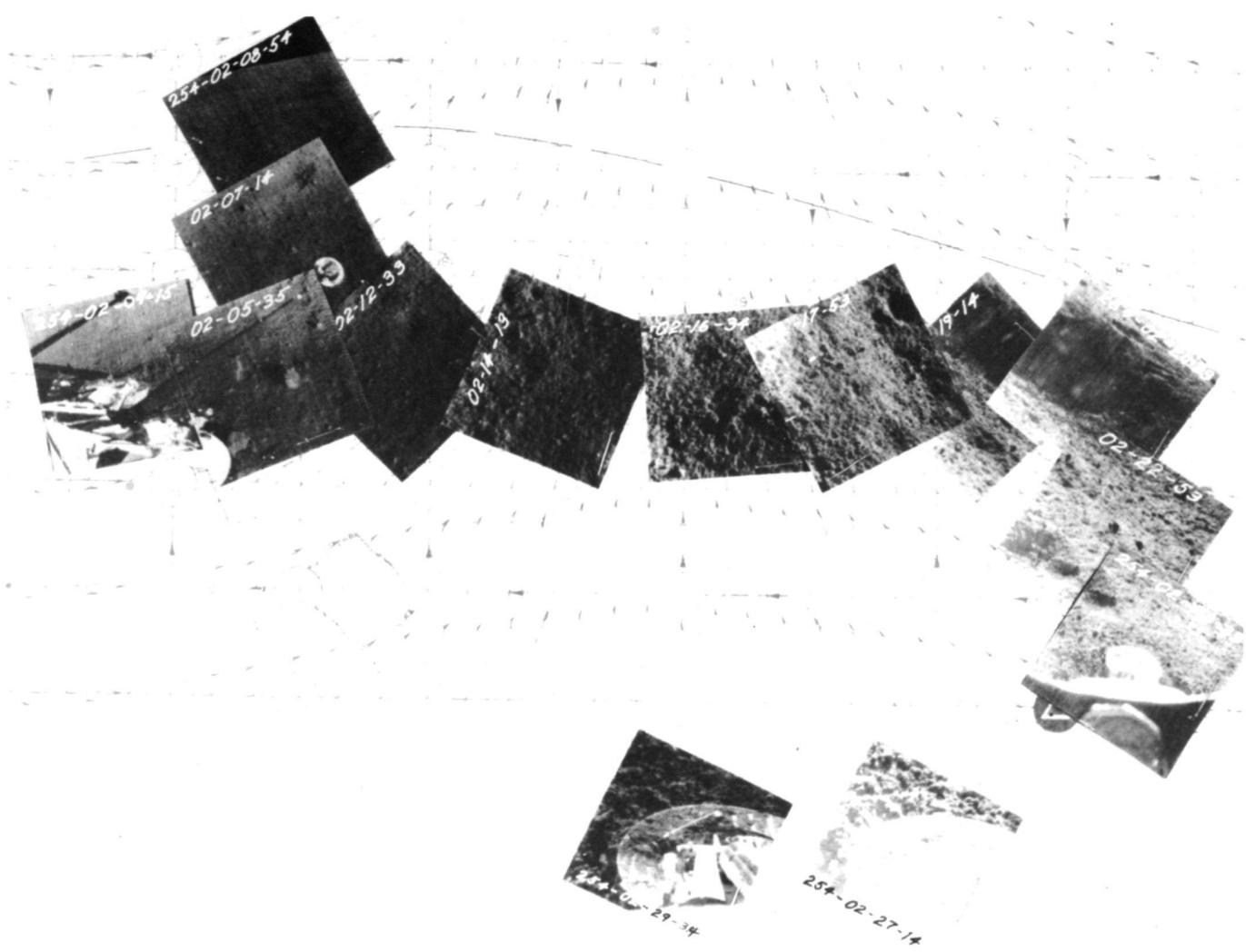


Figure 65.—Day 254 standard sequence. These pictures were taken in the 200-line low-resolution mode and transmitted through an omnidirectional antenna less than 3 hr after Surveyor 5 landed. (USGS 868-315)

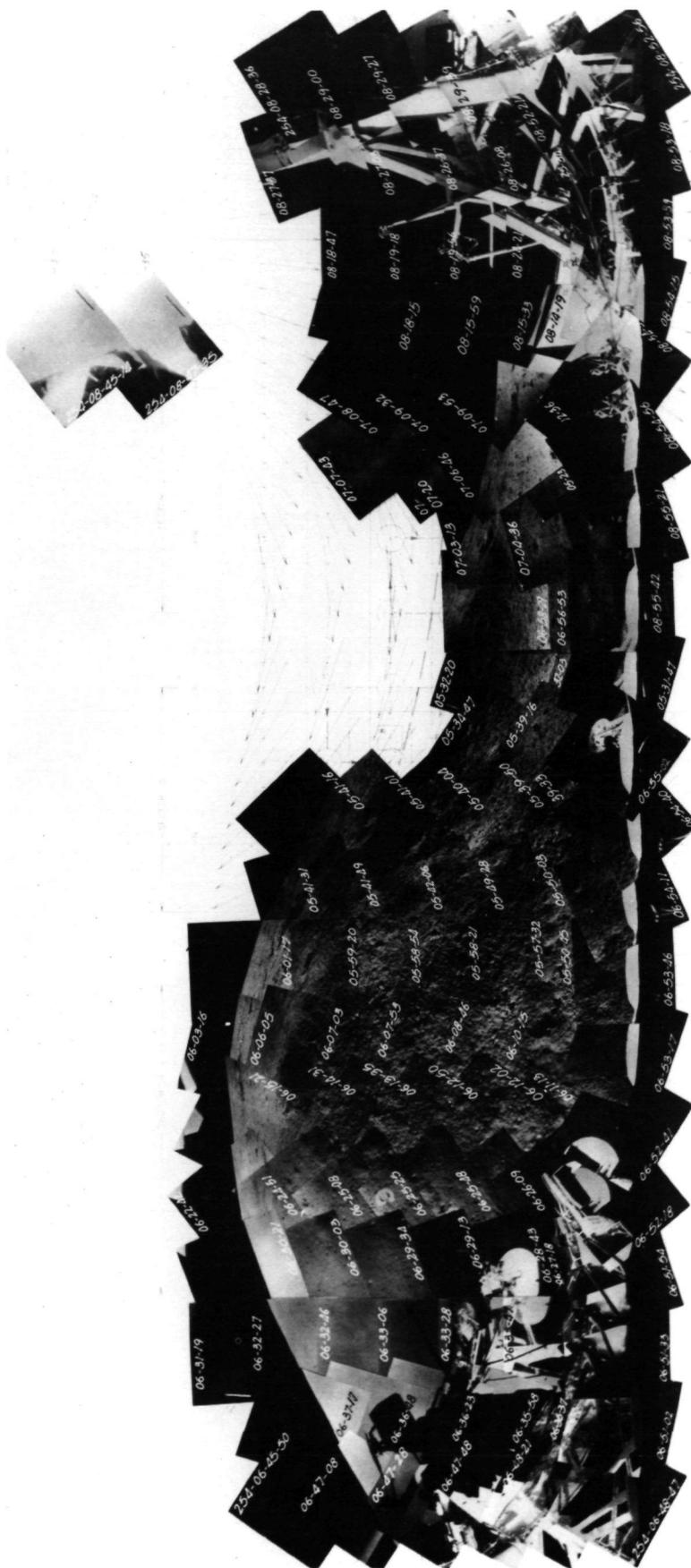


Figure 66.—Day 254 survey W-A. Some of the pictures to the east were not taken to avoid damage to the camera from direct sunlight. (USGS 868-233)

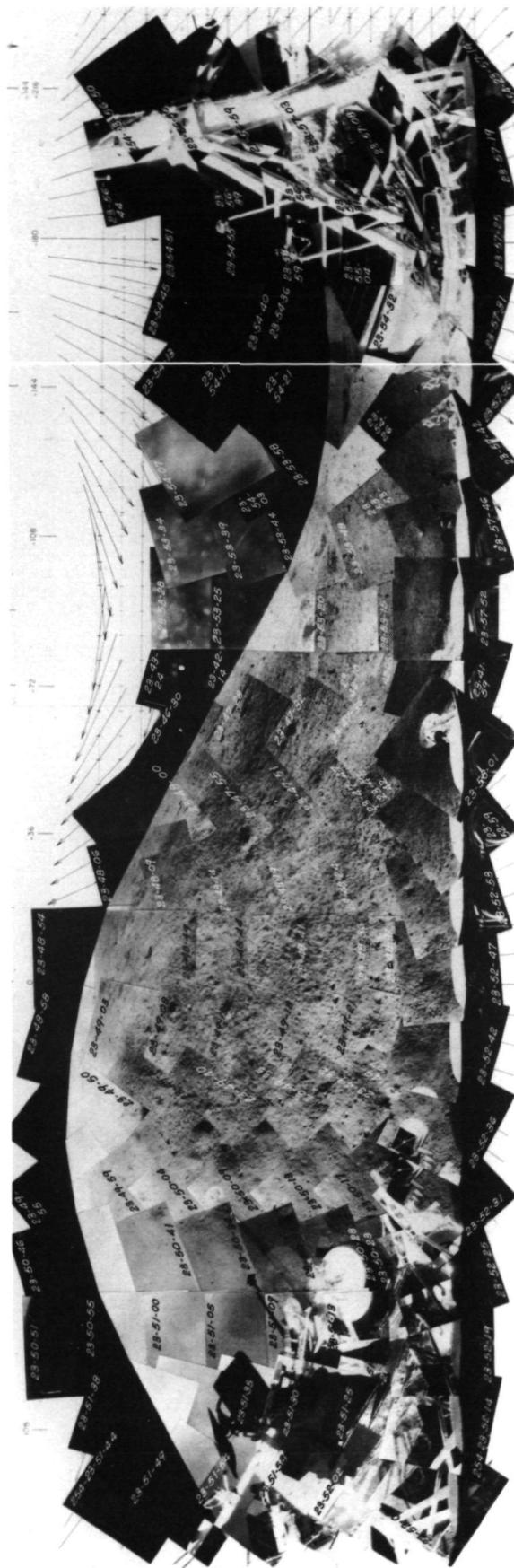


Figure 67.—Day 254, survey W-B. (USGS 868-260)

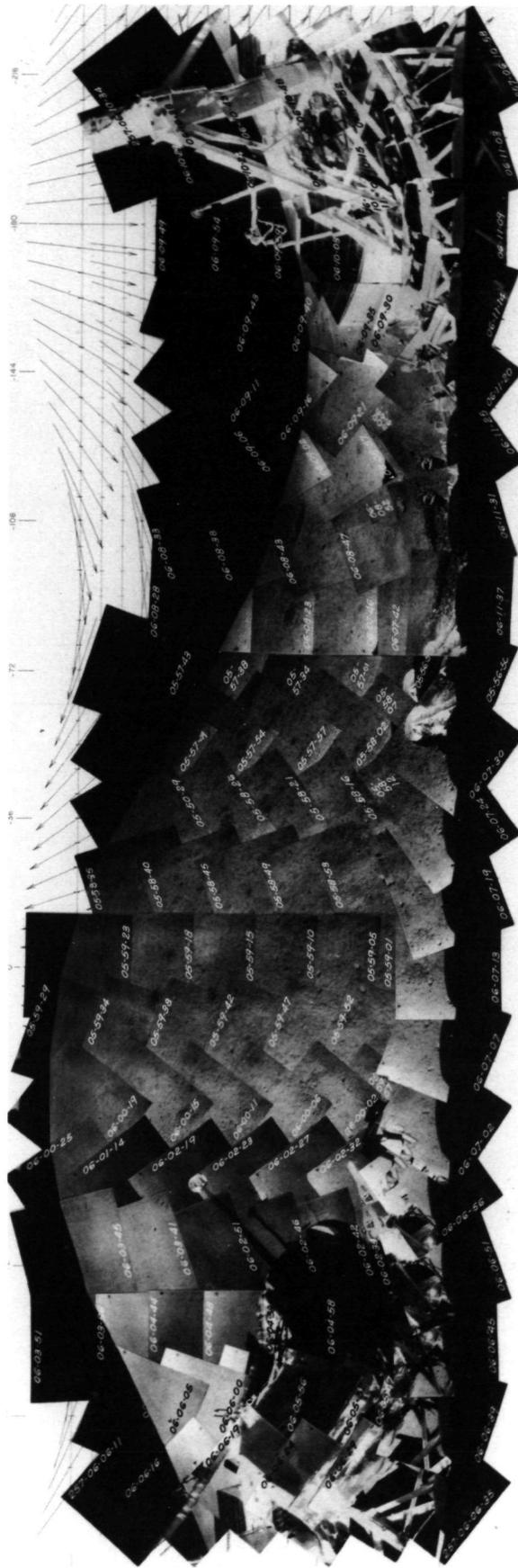


Figure 69.—Day 257, survey W-D. (USGS 868-302)

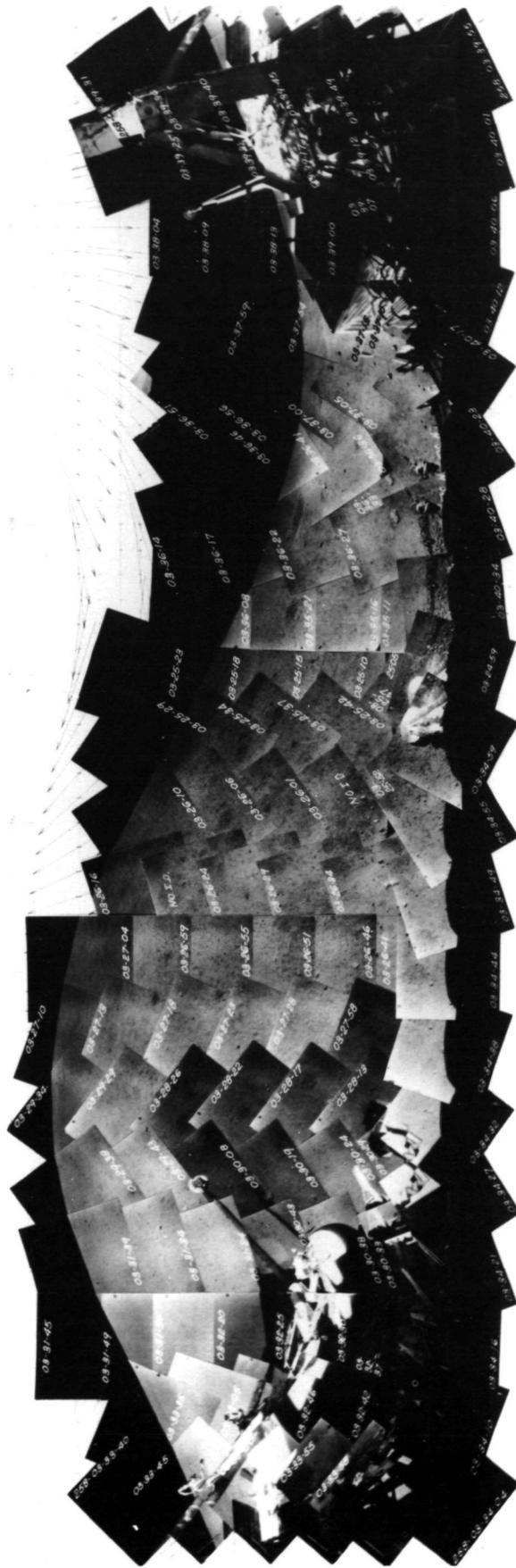


Figure 70.—Day 258, survey W-E. (USGS 868-218)

TIME (GMT)	AZ	EL	FCC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FCC	IRIS	FIL	REMARKS
259 161917	-54	-65.1	1.94	8.1	2		259 163048	54	34.1	1.94	8.1	2	
259 162400	-54	-55.2	1.94	8.1	2		259 163052	54	19.4	1.94	8.1	3	
259 162538	-72	-55.2	1.94	8.1	2		259 163057	54	4.3	1.94	8.1	1	
259 162544	-72	-40.3	1.94	8.1	2		259 163102	54	-10.5	1.94	8.1	1	
259 162549	-72	-25.3	1.94	8.1	2		259 163105	54	-25.3	1.94	8.1	2	
259 162554	-72	-10.5	1.94	8.1	2		259 163110	54	-40.3	1.94	8.1	2	
259 162559	-72	4.3	1.94	8.1	2		259 163132	54	-40.3	1.94	8.1	2	DUPLICATE
259 162602	-72	19.4	1.94	8.1	2		259 163202	72	-40.3	1.94	8.1	2	
259 162608	-54	19.4	1.94	8.1	2		259 163205	72	-25.3	1.94	8.1	2	
259 162613	-54	4.3	1.94	8.1	2		259 163210	72	-10.5	1.94	8.1	2	
259 162617	-54	-10.5	1.94	8.1	2		259 163215	72	4.3	1.94	8.1	2	
259 162622	-54	-25.3	1.94	8.1	2		259 163220	72	19.4	1.94	8.1	2	
259 162626	-54	-40.3	1.94	8.1	2		259 163223	72	34.1	1.94	8.1	2	
259 162631	-36	-40.3	1.94	8.1	2		259 163229	90	34.1	1.94	8.1	2	
259 162636	-36	-25.3	1.94	8.1	2		259 163234	90	19.4	1.94	8.1	2	
259 162641	-36	-10.5	1.94	8.1	2		259 163238	90	4.3	1.94	8.1	2	
259 162646	-36	4.3	1.94	8.1	2		259 163243	90	-10.5	1.94	8.1	2	
259 162649	-36	19.4	1.94	8.1	2		259 163247	90	-25.3	1.94	8.1	2	
259 162655	-18	19.4	1.94	8.1	2		259 163252	90	-40.3	1.94	8.1	2	
259 162700	-18	4.3	1.94	8.1	2		259 163259	108	-40.3	1.94	8.1	2	
259 162705	-18	-10.5	1.94	8.1	2		259 163304	108	-25.3	1.94	8.1	2	
259 162708	-18	-25.3	1.94	8.1	2		259 163308	108	-10.5	1.94	8.1	2	
259 162713	-18	-40.3	1.94	8.1	2		259 163313	108	4.3	1.94	8.1	2	
259 162720	0	-40.3	1.94	8.1	2		259 163317	108	19.4	1.94	8.1	2	
259 162725	0	-25.3	1.94	8.1	2		259 163322	126	19.4	1.94	8.1	2	
259 162730	0	-10.5	1.94	8.1	2		259 163327	126	4.3	1.94	8.1	2	
259 162734	0	4.3	1.94	8.1	2		259 163332	126	-10.5	1.94	8.1	2	
259 162739	0	19.4	1.94	8.1	2		259 163337	126	-25.3	1.94	8.1	2	
259 162743	0	34.1	1.94	8.1	2		259 163340	126	-40.3	1.94	8.1	2	
259 162749	18	34.1	1.94	8.1	2		259 163346	126	-55.2	1.94	8.1	2	
259 162754	18	19.4	1.94	8.1	2	NO I D, G&T EST	259 163352	108	-55.2	1.94	8.1	2	
259 162758	18	4.3	1.94	8.1	2		259 163358	90	-55.2	1.94	8.1	2	
259 162803	18	-10.5	1.94	8.1	2		259 163403	72	-55.2	1.94	8.1	2	
259 162807	18	-25.3	1.94	8.1	2		259 163409	54	-55.2	1.94	8.1	2	
259 162811	18	-40.3	1.94	8.1	2		259 163414	36	-55.2	1.94	8.1	2	
259 162817	36	-40.3	1.94	8.1	2		259 163420	18	-55.2	1.94	8.1	2	
259 162901	36	-40.3	1.94	8.1	2	DUPLICATE	259 163425	0	-55.2	1.94	8.1	2	
259 163024	36	-25.3	1.94	8.1	2		259 163431	-18	-55.2	1.94	8.1	2	
259 163029	36	-10.5	1.94	8.1	2		259 163437	-36	-55.2	1.94	8.1	2	
259 163033	36	4.3	1.94	8.1	2		259 163442	-54	-55.2	1.94	8.1	2	DUPLICATE OF 162400
259 163038	36	19.4	1.94	8.1	2		259 163507	-54	-55.2	1.94	8.1	2	DUPLICATE OF 162400
259 163042	36	34.1	1.94	8.1	2								



Figure 72.—Day 259, survey W-G. (USGS 868-264)

TIME (GMT)	AZ	EL	FCC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FCC	IRIS	FIL	REMARKS
259 163702	-54	-55.2	1.94	8.1	3	DUPLICATE OF 164501	259 164153	54	29.2	1.94	8.1	3	
259 163847	-72	-55.2	1.94	8.1	3		259 164156	54	19.4	1.94	8.1	3	
259 163853	-72	-40.3	1.94	8.1	3		259 164201	54	4.3	1.94	8.1	3	
259 163856	-72	-25.3	1.94	8.1	3		259 164206	54	-10.5	1.94	8.1	3	
259 163901	-42	-10.5	1.94	8.1	3		259 164211	54	-25.3	1.94	8.1	3	
259 163906	-42	4.3	1.94	8.1	3		259 164214	54	-40.3	1.94	8.1	3	
259 163911	-72	19.4	1.94	8.1	3		259 164220	72	-40.3	1.94	8.1	3	
259 163915	-54	19.4	1.94	8.1	3		259 164225	72	-25.3	1.94	8.1	3	
259 163920	-54	4.3	1.94	8.1	3		259 164229	72	-10.5	1.94	8.1	3	
259 163925	-54	-10.5	1.94	8.1	3		259 164234	72	4.3	1.94	8.1	3	
259 163930	-54	-25.3	1.94	8.1	3		259 164238	72	19.4	1.94	8.1	3	
259 163933	-54	-40.3	1.94	8.1	3		259 164243	72	29.2	1.94	8.1	3	
259 163939	-36	-40.3	1.94	8.1	3		259 164248	90	29.2	1.94	8.1	3	
259 163944	-36	-25.3	1.94	8.1	3		259 164253	90	19.4	1.94	8.1	3	
259 163948	-36	-10.5	1.94	8.1	3		259 164258	90	4.3	1.94	8.1	3	
259 163953	-36	4.3	1.94	8.1	3		259 164302	90	-10.5	1.94	8.1	3	
259 163958	-36	19.4	1.94	8.1	3		259 164306	90	-25.3	1.94	8.1	3	
259 164002	-18	19.4	1.94	8.1	3		259 164311	90	-40.3	1.94	8.1	3	
259 164007	-18	4.3	1.94	8.1	3		259 164318	108	-40.3	1.94	8.1	3	
259 164012	-18	-10.5	1.94	8.1	3		259 164323	108	-25.3	1.94	8.1	3	
259 164017	-18	-25.3	1.94	8.1	3		259 164328	108	-10.5	1.94	8.1	3	
259 164020	-18	-40.3	1.94	8.1	3		259 164332	108	4.3	1.94	8.1	3	
259 164029	0	-40.3	1.94	8.1	3		259 164336	108	19.4	1.94	8.1	3	
259 164032	0	-25.3	1.94	8.1	3		259 164342	126	19.4	1.94	8.1	3	
259 164037	0	-10.5	1.94	8.1	3		259 164347	126	4.3	1.94	8.1	3	
259 164042	0	4.3	1.94	8.1	3		259 164350	126	-10.5	1.94	8.1	3	
259 164047	0	19.4	1.94	8.1	3		259 164355	126	-25.3	1.94	8.1	3	
259 164050	0	29.2	1.94	8.1	3		259 164400	126	-40.3	1.94	8.1	3	
259 164056	18	29.2	1.94	8.1	3		259 164406	126	-55.2	1.94	8.1	3	
259 164101	18	19.4	1.94	8.1	3		259 164411	108	-55.2	1.94	8.1	3	
259 164105	18	4.3	1.94	8.1	3		259 164417	90	-55.2	1.94	8.1	3	
259 164110	18	-10.5	1.94	8.1	3		259 164423	72	-55.2	1.94	8.1	3	
259 164114	18	-25.3	1.94	8.1	3		259 164428	54	-55.2	1.94	8.1	3	
259 164119	18	-40.3	1.94	8.1	3		259 164434	36	-55.2	1.94	8.1	3	
259 164124	36	-40.3	1.94	8.1	3		259 164439	18	-55.2	1.94	8.1	3	
259 164129	36	-25.3	1.94	8.1	3		259 164445	0	-55.2	1.94	8.1	3	
259 164134	36	-10.5	1.94	8.1	3		259 164449	-18	-55.2	1.94	8.1	3	
259 164138	36	4.3	1.94	8.1	3		259 164455	-36	-55.2	1.94	8.1	3	
259 164142	36	19.4	1.94	8.1	3		259 164501	-54	-55.2	1.94	8.1	3	
259 164147	36	29.2	1.94	8.1	3								

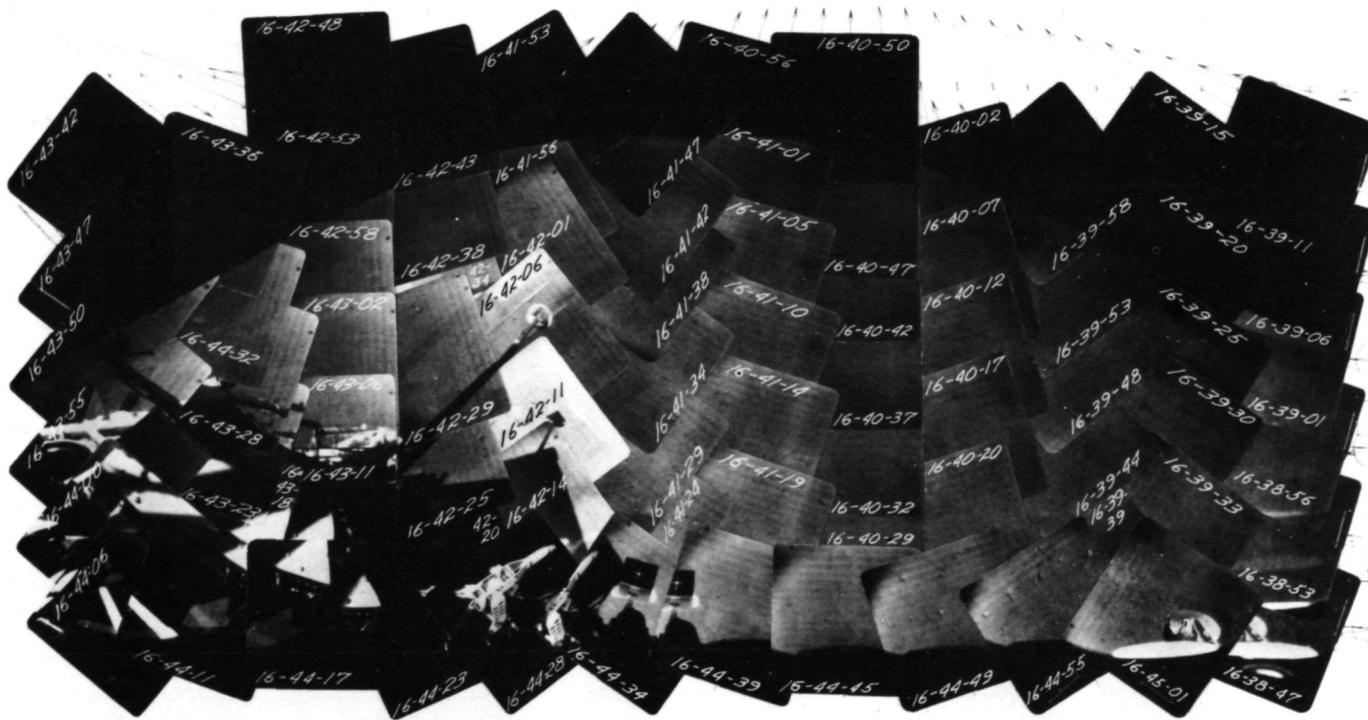


Figure 73.—Day 259, survey W-H. (USGS 868-303)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
259 171815	-54	-60.1	1.94	8.1	4	DUPLICATE OF 172616
259 172002	-72	-60.1	1.94	8.1	4	
259 172007	-72	-40.3	1.94	8.1	4	
259 172012	-72	-25.3	1.94	8.1	4	
259 172016	-72	-10.5	1.94	8.1	4	
259 172021	-72	4.3	1.94	8.1	4	
259 172025	-72	19.4	1.94	8.1	4	
259 172031	-54	19.4	1.94	8.1	4	
259 172036	-54	4.3	1.94	8.1	4	
259 172041	-54	-10.5	1.94	8.1	4	
259 172044	-54	-25.3	1.94	8.1	4	
259 172049	-54	-40.3	1.94	8.1	4	
259 172055	-36	-40.3	1.94	8.1	4	
259 172059	-36	-25.3	1.94	8.1	4	
259 172103	-36	-10.5	1.94	8.1	4	
259 172108	-36	4.3	1.94	8.1	4	
259 172113	-36	19.4	1.94	8.1	4	
259 172118	-18	19.4	1.94	8.1	4	
259 172123	-18	4.3	1.94	8.1	4	
259 172127	-18	-10.5	1.94	8.1	4	
259 172131	-18	-25.3	1.94	8.1	4	
259 172136	-18	-40.3	1.58	8.1	4	
259 172143	0	-40.3	1.94	8.1	4	
259 172148	0	-25.3	1.94	8.1	4	
259 172153	0	-10.5	1.94	8.1	4	
259 172157	0	4.3	1.94	8.1	4	
259 172201	0	19.4	1.94	8.1	4	
259 172206	0	29.2	1.94	8.1	4	
259 172212	18	29.2	1.94	8.1	4	
259 172215	18	19.4	1.94	8.1	4	
259 172220	18	4.3	1.94	8.1	4	
259 172225	18	-10.5	1.94	8.1	4	
259 172230	18	-25.3	1.94	8.1	4	
259 172234	18	-40.3	1.94	8.1	4	
259 172240	36	-40.3	1.94	8.1	4	
259 172244	36	-25.3	1.94	8.1	4	
259 172248	36	-10.5	1.94	8.1	4	
259 172253	36	4.3	1.94	8.1	4	
259 172258	36	19.4	1.94	8.1	4	
259 172302	36	29.2	1.94	8.1	4	
259 172307	54	29.2	1.94	8.1	4	
259 172312	54	19.4	1.94	8.1	4	
259 172317	54	4.3	1.94	8.1	4	
259 172320	54	-10.5	1.94	8.1	4	
259 172325	54	-25.3	1.94	8.1	2	
259 172330	54	-40.3	1.94	8.1	4	
259 172336	72	-40.3	1.94	8.1	4	
259 172340	72	-25.3	1.94	8.1	4	
259 172344	72	-10.5	1.94	8.1	4	
259 172349	72	4.3	1.94	8.1	4	
259 172353	72	19.4	1.94	8.1	4	
259 172358	72	29.2	1.94	8.1	4	
259 172404	90	29.2	1.94	8.1	4	
259 172408	90	19.4	1.94	8.1	4	
259 172412	90	4.3	1.94	8.1	4	
259 172417	90	-10.5	1.94	8.1	4	
259 172422	90	-25.3	1.94	8.1	4	
259 172427	90	-40.3	1.94	8.1	4	
259 172434	108	-40.3	1.94	8.1	4	
259 172439	108	-25.3	1.94	8.1	4	
259 172442	108	-10.5	1.94	8.1	4	
259 172447	108	4.3	1.94	8.1	4	
259 172452	108	19.4	1.94	8.1	4	
259 172457	126	19.4	1.94	8.1	4	
259 172501	126	4.3	1.94	8.1	4	
259 172506	126	-10.5	1.94	8.1	4	
259 172511	126	-25.3	1.94	8.1	4	
259 172515	126	-55.2	1.94	8.1	4	
259 172521	126	-60.1	1.94	8.1	4	
259 172527	108	-60.1	1.94	8.1	4	
259 172531	90	-60.1	1.94	8.1	4	
259 172537	72	-60.1	1.94	8.1	4	
259 172543	54	-60.1	1.94	8.1	4	
259 172548	36	-60.1	1.94	8.1	4	
259 172554	18	-60.1	1.94	8.1	4	
259 172559	0	-60.1	1.94	8.1	4	
259 172605	-18	-60.1	1.94	8.1	4	
259 172610	-36	-60.1	1.94	8.1	4	
259 172616	-54	-60.1	1.94	8.1	4	
259 172957	36	-50.2	1.94	8.1	2	NOT SHOWN
259 173003	36	-55.2	1.94	8.1	2	NOT SHOWN
259 173009	36	-50.2	1.94	8.1	2	NOT SHOWN
259 175413	36	-55.2	1.94	8.1	2	NOT SHOWN

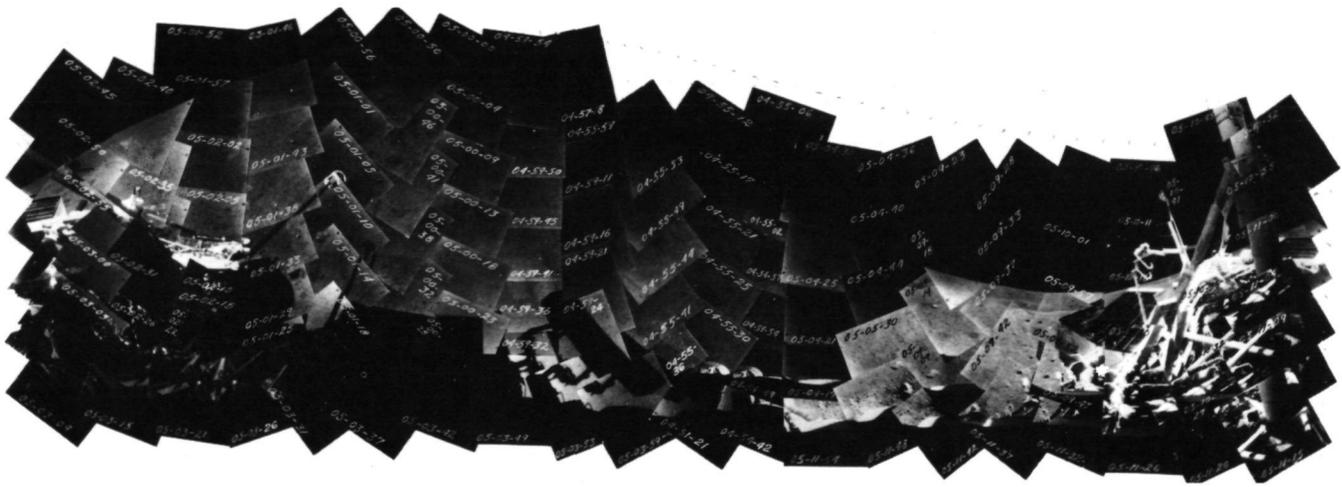


Figure 75.—Day 261, survey W-J. (USGS 868-232)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
261 071448	-54	-65.1	2.03	7.2	2	DUPLICATE OF 071905	261 071714	-180	-20.3	2.03	7.1	2	
261 071535	-90	-50.2	2.03	7.2	2		261 071719	-180	-35.3	2.03	7.2	2	
261 071539	-90	-35.3	2.03	7.2	2		261 071723	-180	-50.2	2.03	7.2	2	
261 071543	-90	-20.3	2.03	7.2	2		261 071731	-198	-50.2	2.03	7.2	2	
261 071548	-90	-5.6	2.03	7.2	2		261 071735	-198	-35.3	2.03	7.2	2	
261 071554	-108	-5.6	2.03	7.2	2		261 071740	-198	-20.3	2.03	7.2	2	
261 071557	-108	-20.3	2.03	7.2	2		261 071744	-198	-5.6	2.03	7.2	2	
261 071602	-108	-35.3	2.03	7.2	2		261 071749	-198	9.3	2.03	7.2	2	
261 071607	-108	-50.2	2.03	7.2	2		261 071754	-216	9.3	2.03	7.2	2	
261 071613	-126	-50.2	2.03	7.2	2		261 071759	-216	-5.6	2.03	7.2	2	
261 071617	-126	-35.3	2.03	7.2	2		261 071804	-216	-20.3	2.03	7.2	2	
261 071622	-126	-20.3	2.03	7.2	2		261 071807	-216	-35.3	2.03	7.2	2	
261 071626	-126	-5.6	2.03	7.2	2		261 071812	-216	-50.2	2.03	7.2	2	
261 071631	-144	-5.6	2.03	7.2	2		261 071818	-216	-65.1	2.03	7.2	2	
261 071636	-144	-20.3	2.03	7.2	2		261 071824	-198	-65.1	2.03	7.2	2	
261 071641	-144	-35.3	2.03	7.2	2		261 071829	-180	-65.1	2.03	7.2	2	
261 071646	-144	-50.2	2.03	7.2	2		261 071835	-162	-65.1	2.03	7.2	2	
261 071650	-162	-50.2	2.03	7.1	2		261 071840	-144	-65.1	2.03	7.1	2	
261 071655	-162	-35.3	2.03	7.2	2		261 071846	-126	-65.1	2.03	7.1	2	
261 071700	-162	-20.3	2.03	7.2	2		261 071852	-108	-65.1	2.03	7.2	2	
261 071704	-162	-5.6	2.03	7.2	2		261 071856	-90	-65.1	2.03	7.1	2	
261 071709	-180	-5.6	2.03	7.2	2		261 071905	-54	-65.1	2.03	7.2	2	

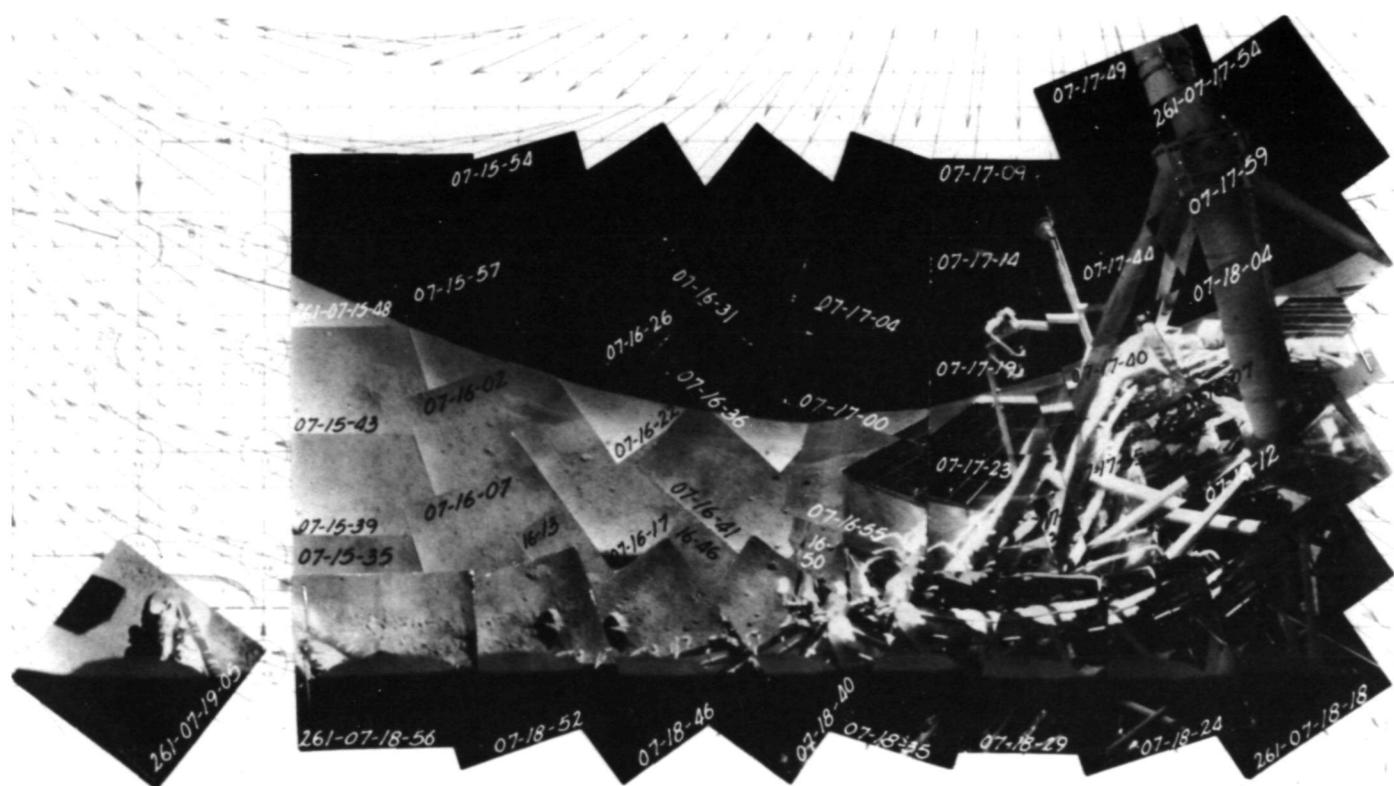


Figure 76.—Day 261, survey W-K, green filter. (USGS 868-267)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
261 072004	-54	-65.1	2.03	7.2	3	DUPLICATE OF 072518	261 072328	-180	-20.3	1.94	7.2	3	
261 072148	-90	-50.2	2.03	7.2	3		261 072332	-180	-35.3	1.94	7.2	3	
261 072153	-90	-35.3	2.03	7.1	3		261 072336	-180	-50.2	1.94	7.2	3	
261 072156	-90	-20.3	2.03	7.2	3		261 072344	-198	-50.2	1.94	7.2	3	
261 072201	-90	-5.6	2.03	7.1	3		261 072348	-198	-35.3	1.94	7.2	3	
261 072207	-108	-5.6	2.03	7.2	3		261 072353	-198	-20.3	1.94	7.2	3	
261 072212	-108	-20.3	2.03	7.2	3		261 072358	-198	-5.6	1.94	7.2	3	
261 072216	-108	-35.3	2.03	7.2	3		261 072402	-198	9.3	1.94	7.2	3	
261 072220	-108	-50.2	2.03	7.2	3		261 072407	-216	9.3	1.94	7.2	3	
261 072226	-126	-50.2	2.03	7.2	3		261 072412	-216	-5.6	1.94	7.2	3	
261 072230	-126	-35.3	2.03	7.1	3		261 072417	-216	-20.3	1.94	7.2	3	
261 072235	-126	-20.3	2.03	7.2	3		261 072420	-216	-35.3	1.94	7.2	3	
261 072240	-126	-5.6	2.03	7.2	3		261 072425	-216	-50.2	1.94	7.2	3	
261 072244	-144	-5.6	2.03	7.2	3		261 072431	-216	-65.1	1.94	7.2	3	
261 072249	-144	-20.3	1.94	7.2	3		261 072437	-198	-65.1	1.94	7.1	3	
261 072254	-144	-35.3	1.94	7.1	3		261 072442	-180	-65.1	1.94	7.2	3	
261 072259	-144	-50.2	1.94	7.2	3		261 072448	-162	-65.1	1.94	7.2	3	
261 072304	-162	-50.2	1.94	7.2	3		261 072453	-144	-65.1	1.94	7.2	3	
261 072308	-162	-35.3	1.94	7.2	3		261 072459	-126	-65.1	1.94	7.2	3	
261 072313	-162	-20.3	1.94	7.1	3		261 072505	-108	-65.1	1.94	7.2	3	
261 072318	-162	-5.6	1.94	7.2	3		261 072510	-90	-65.1	1.94	7.2	3	
261 072323	-180	-5.6	1.94	7.2	3		261 072518	-54	-65.1	1.94	7.2	3	



Figure 77.—Day 261, survey W-L, blue filter. (USGS 868-205)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
261 072554	-54	-65.1	1.94	7.2	4	DUPLICATE OF 073102
261 072720	-90	-50.2	1.94	7.1	4	
261 072725	-90	-35.3	1.94	7.2	4	
261 072730	-90	-20.3	1.94	7.2	4	
261 072735	-90	-5.6	1.94	7.2	4	
261 072740	-108	-5.6	1.94	7.2	4	
261 072744	-108	-20.3	1.94	7.2	4	
261 072749	-108	-35.3	1.94	7.2	4	
261 072753	-108	-50.2	1.94	7.2	4	
261 072759	-126	-50.2	1.94	7.2	4	
261 072804	-126	-35.3	1.94	7.2	4	
261 072809	-126	-20.3	1.94	7.2	4	
261 072812	-126	-5.6	1.94	7.2	4	
261 072818	-144	-5.6	1.94	7.2	4	
261 072823	-144	-20.3	1.94	7.2	4	
261 072826	-144	-35.3	1.94	7.2	4	
261 072831	-144	-50.2	1.94	7.2	4	
261 072837	-162	-50.2	1.94	7.2	4	
261 072841	-162	-35.3	1.94	7.2	4	
261 072846	-162	-20.3	1.94	7.2	4	
261 072850	-162	-5.6	1.94	7.2	4	
261 072857	-180	-5.6	1.94	7.2	4	
261 072900	-180	-20.3	1.94	7.2	4	
261 072905	-180	-35.3	1.94	7.2	4	
261 072910	-180	-50.2	1.94	7.2	4	
261 072917	-198	-50.2	1.94	7.2	4	
261 072922	-198	-35.3	1.94	7.2	4	
261 072926	-198	-20.3	1.94	7.2	4	
261 072930	-198	-5.6	1.94	7.2	4	
261 072935	-198	9.3	1.94	7.2	4	
261 072941	-216	9.3	1.94	7.2	4	
261 072944	-216	-5.6	1.94	7.2	4	
261 072949	-216	-20.3	1.94	7.2	4	
261 072954	-216	-35.3	1.94	7.2	4	
261 072959	-216	-50.2	1.94	7.2	4	
261 073005	-216	-65.1	1.94	7.2	4	
261 073010	-198	-65.1	1.94	7.2	4	
261 073016	-180	-65.1	1.94	7.2	4	
261 073021	-162	-65.1	1.94	7.1	4	
261 073027	-144	-65.1	1.94	7.2	4	
261 073033	-126	-65.1	1.94	7.2	4	
261 073037	-108	-65.1	1.94	7.2	4	
261 073043	-90	-65.1	1.94	7.2	4	
261 073102	-54	-65.1	1.94	7.2	4	

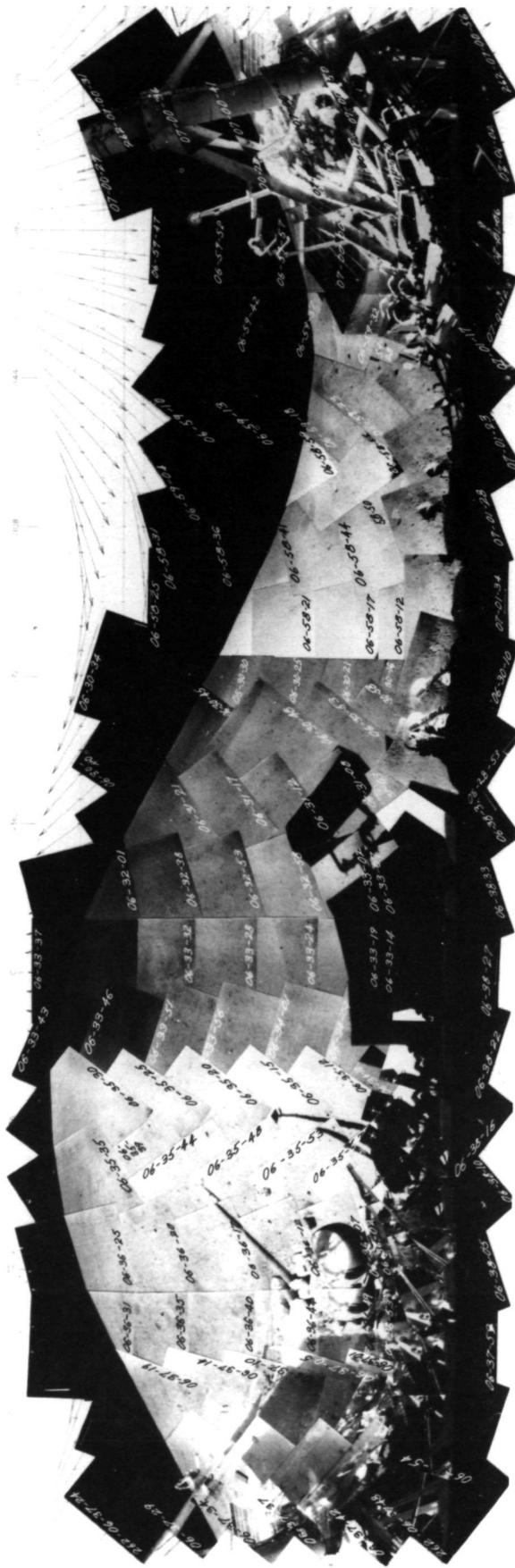
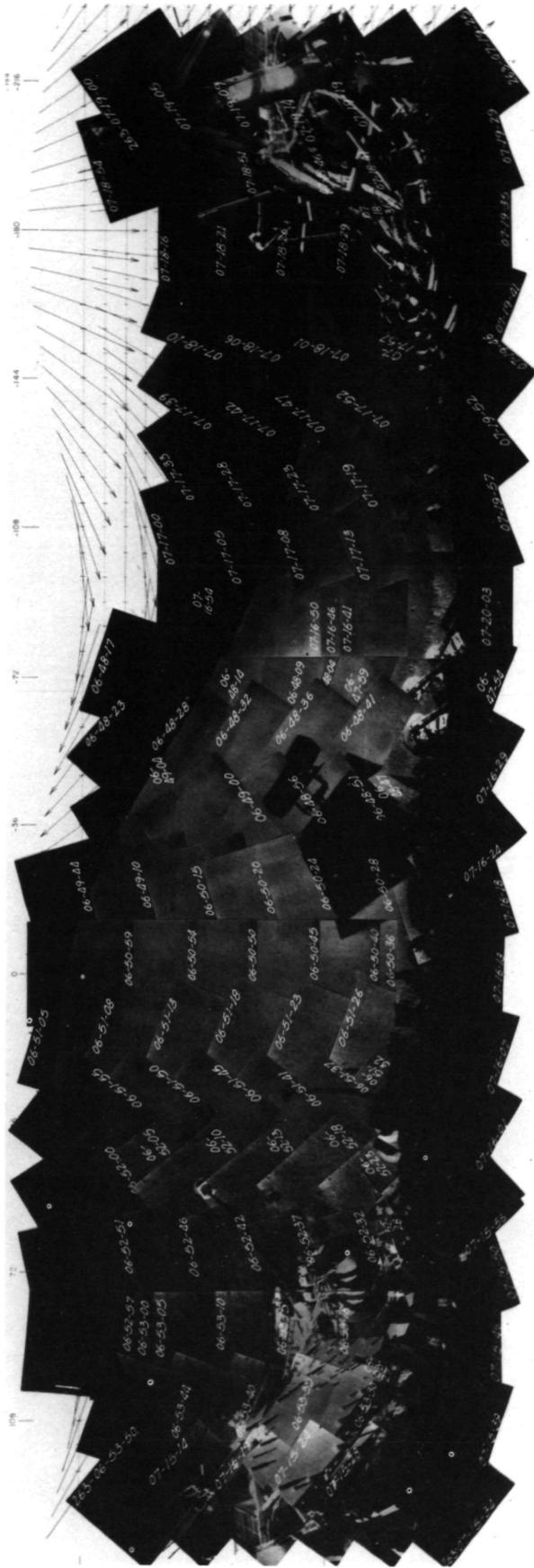


Figure 79.—Day 262, survey W-N. (USGS 868-311)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
263 064710	-54	-65.1	1.94	16.7	1	DUPLICATE OF 071629	263 071719	-126	-50.2	1.94	17.5	1	
263 064754	-72	-65.1	1.94	16.7	1		263 071723	-126	-35.3	1.94	17.5	1	
263 064759	-72	-50.2	1.94	16.7	1		263 071728	-126	-20.3	1.94	17.6	1	
263 064804	-72	-35.3	1.94	16.7	1		263 071733	-126	-5.6	1.94	17.5	1	
263 064809	-72	-20.3	1.94	16.7	1		263 071739	-144	-5.6	1.94	17.3	1	
263 064814	-72	-5.6	1.94	16.7	1		263 071742	-144	-20.3	1.94	17.6	1	
263 064817	-72	9.3	1.94	16.7	1		263 071747	-144	-35.3	1.94	17.7	1	
263 064823	-54	9.3	1.94	16.7	1		263 071752	-141	-50.2	1.94	17.5	1	
263 064828	-54	-5.6	1.94	16.7	1		263 071757	-162	-50.2	1.94	17.5	1	
263 064832	-54	-20.3	1.94	16.7	1		263 071801	-162	-35.3	1.94	17.6	1	
263 064836	-54	-35.3	1.94	16.7	1		263 071806	-162	-20.3	1.94	17.5	1	
263 064841	-54	-50.2	1.94	16.7	1		263 071810	-162	-5.6	1.94	17.6	1	
263 064847	-36	-50.2	1.94	16.7	1		263 071816	-180	-5.6	1.94	17.5	1	
263 064851	-36	-35.3	1.94	16.7	1		263 071821	-180	-20.3	1.94	17.5	1	
263 064856	-36	-20.3	1.94	16.7	1		263 071826	-180	-35.3	1.94	17.6	1	
263 064900	-36	-5.6	1.94	16.7	1		263 071829	-180	-50.2	1.94	17.5	1	
263 064904	-36	9.3	1.94	16.7	1		263 071836	-198	-50.2	1.94	17.5	1	
263 064910	-18	9.3	1.94	16.7	1		263 071841	-198	-35.3	1.94	17.6	1	
263 064944	-18	24.3	1.94	16.7	1		263 071846	-198	-20.3	1.94	17.6	1	
263 065015	-18	-5.6	1.94	16.7	1		263 071851	-198	-5.6	1.94	17.6	1	
263 065020	-18	-20.3	1.94	16.6	1		263 071854	-198	9.3	1.94	17.5	1	
263 065024	-18	-35.3	1.94	16.7	1		263 071900	-216	9.3	1.94	17.5	1	
263 065028	-18	-50.2	1.94	16.7	1		263 071905	-216	-5.6	1.94	17.3	1	
263 065036	0	-50.2	1.94	16.7	1		263 071909	-216	-20.3	1.94	17.6	1	
263 065040	0	-35.3	1.94	16.8	1		263 071914	-216	-35.3	1.94	17.6	1	
263 065045	0	-20.3	1.94	16.7	1		263 071919	-216	-50.2	1.94	17.6	1	
263 065050	0	-5.6	1.94	16.7	1		263 071925	-216	-65.1	1.94	17.7	1	
263 065054	0	9.3	1.94	16.4	1		263 071929	-198	-65.1	1.94	17.6	1	
263 065059	0	24.3	1.94	16.7	1		263 071935	-180	-65.1	1.94	17.5	1	
263 065105	18	24.3	1.94	16.5	1		263 071941	-162	-65.1	1.94	17.6	1	
263 065108	18	9.3	1.94	16.7	1		263 071946	-144	-65.1	1.94	17.6	1	
263 065113	18	-5.6	1.94	16.7	1		263 071952	-126	-65.1	1.94	17.6	1	
263 065118	18	-20.3	1.94	16.7	1		263 071957	-108	-65.1	1.94	17.6	1	
263 065123	18	-35.3	1.94	16.7	1		263 072003	-90	-65.1	1.94	17.6	1	
263 065126	18	-50.2	1.94	16.8	1		263 072011	-54	-65.1	1.94	17.6	1	DUPLICATE OF 071629
263 065132	36	-50.2	1.94	16.7	1								
263 065137	36	-35.3	1.94	16.7	1								
263 065141	36	-20.3	1.94	16.7	1								
263 065145	36	-5.6	1.94	16.7	1								
263 065150	36	9.3	1.94	16.7	1								
263 065155	36	24.3	1.94	16.4	1								
263 065200	54	24.3	1.94	16.7	1								
263 065205	54	9.3	1.94	16.7	1								
263 065210	54	-5.6	1.94	16.7	1								
263 065213	54	-20.3	1.94	16.4	1								
263 065218	54	-35.3	1.94	16.7	1								
263 065223	54	-50.2	1.94	16.7	1								
263 065228	72	-50.2	1.94	16.7	1								
263 065232	72	-35.3	1.94	16.7	1								
263 065237	72	-20.3	1.94	16.7	1								
263 065242	72	-5.6	1.94	16.7	1								
263 065246	72	9.3	1.94	16.7	1								
263 065251	72	24.3	1.94	16.7	1								
263 065257	90	24.3	1.94	16.4	1								
263 065300	90	9.3	1.94	16.7	1								
263 065305	90	-5.6	1.94	16.7	1								
263 065310	90	-20.3	1.94	16.7	1								
263 065315	90	-35.3	1.94	16.7	1								
263 065318	90	-50.2	1.94	16.7	1								
263 065327	108	-50.2	1.96	23.6	1								
263 065330	108	-35.3	1.94	16.6	1								
263 065335	108	-20.3	1.94	16.7	1								
263 065340	108	-5.6	1.94	16.7	1								
263 065344	108	9.3	1.94	16.7	1								
263 065350	126	9.3	1.94	16.8	1								
263 071409	126	9.3	1.94	17.5	1	DUPLICATE							
263 071514	126	-5.6	1.94	17.5	1								
263 071519	126	-20.3	1.94	17.6	1								
263 071524	126	-35.3	1.94	17.5	1								
263 071528	126	-50.2	1.94	17.6	1								
263 071534	126	-65.1	1.94	17.5	1								
263 071539	108	-65.1	1.94	17.6	1								
263 071545	90	-65.1	1.94	17.6	1								
263 071550	72	-65.1	1.94	17.6	1								
263 071556	54	-65.1	1.94	17.5	1								
263 071601	36	-65.1	1.94	17.6	1								
263 071607	18	-65.1	1.94	17.6	1								
263 071613	0	-65.1	1.94	17.6	1								
263 071618	-18	-65.1	1.94	17.6	1								
263 071624	-36	-65.1	1.94	17.5	1								
263 071629	-54	-65.1	1.94	17.4	1								
263 071641	-90	-50.2	1.94	17.6	1								
263 071646	-90	-35.3	1.94	17.5	1								
263 071650	-90	-20.3	1.94	17.5	1								
263 071654	-90	-5.6	1.94	17.5	1								
263 071700	-108	-5.6	1.94	17.5	1								
263 071705	-108	-20.3	1.94	17.5	1								
263 071708	-108	-35.3	1.94	17.5	1								
263 071713	-108	-50.2	1.94	17.5	1								



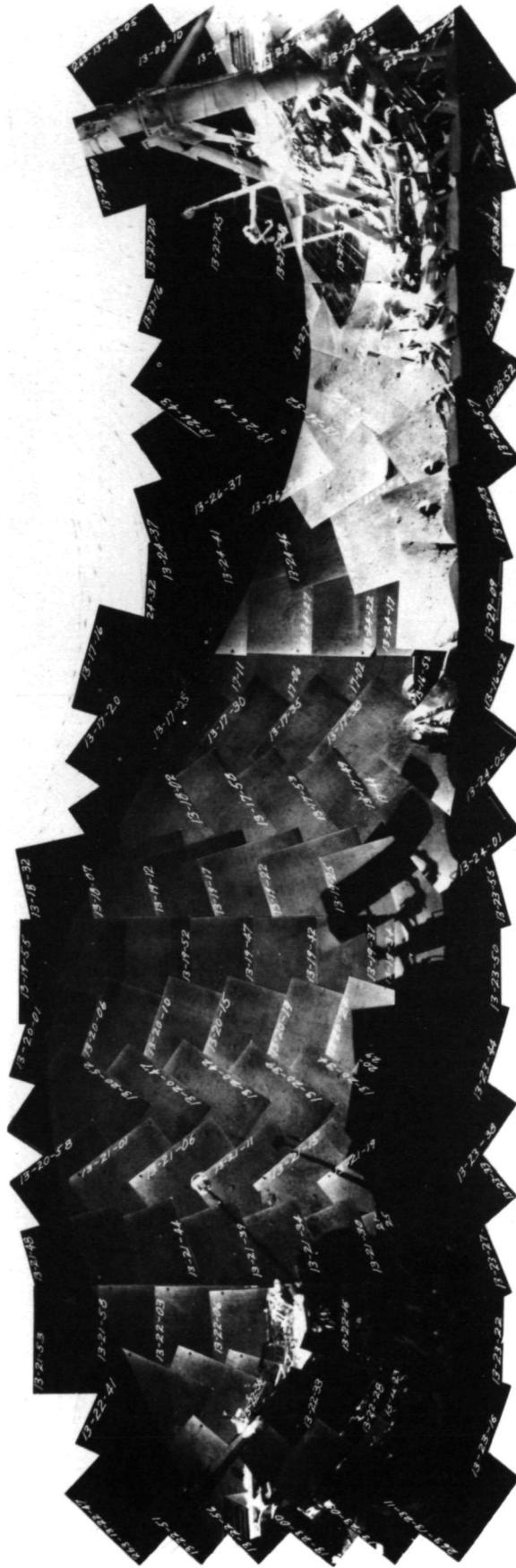


Figure 81.—Day 263, survey W-Q. (USGS 868-316)

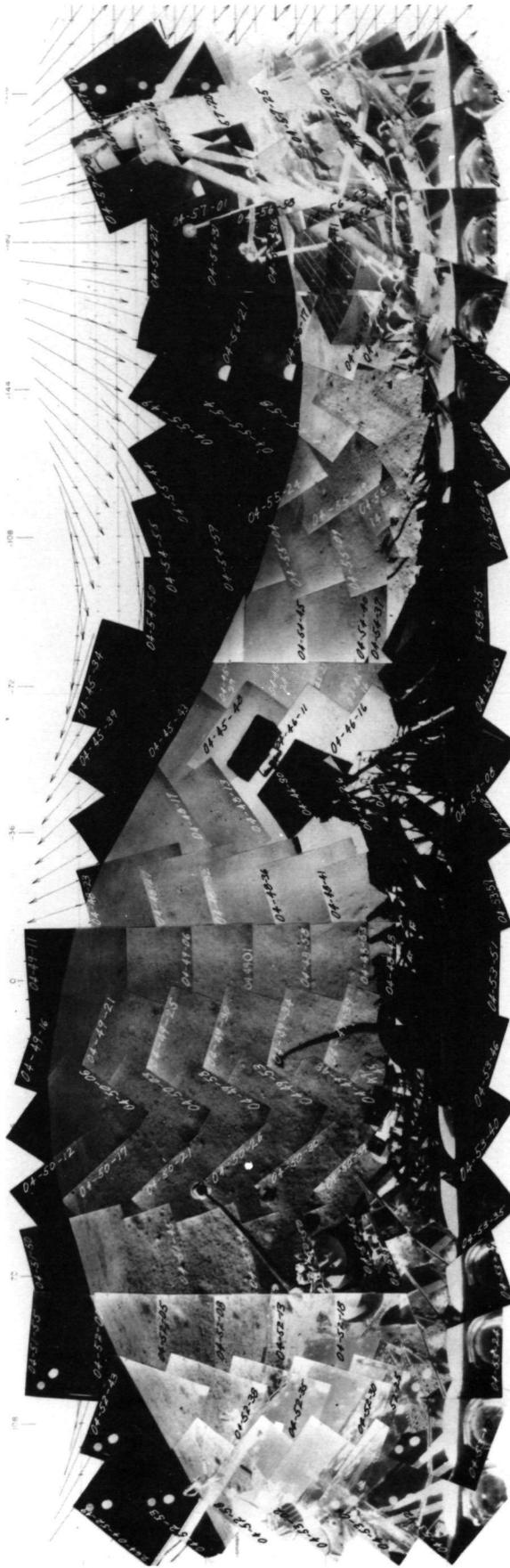


Figure 82.—Day 264, survey W-R. (USGS 868-245)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
264 092108	-54	-65.1	1.94	6.1	2	DUPLICATE OF 092722	264 092440	-18	-35.3	1.94	6.1	2	
264 092119	-54	-65.1	1.94	6.1	2	DUPLICATE OF 092722	264 092445	-18	-50.2	1.94	6.1	2	
264 092213	-72	-65.1	1.94	6.1	2		264 092452	0	-50.2	1.94	6.1	2	
264 092219	-72	-50.2	1.94	6.1	2		264 092457	0	-35.3	1.94	6.1	2	
264 092223	-72	-35.3	1.94	6.1	2		264 092501	0	-20.3	1.94	6.1	2	
264 092228	-72	-20.3	1.94	6.1	2		264 092506	0	-5.6	1.94	6.1	2	
264 092233	-72	-5.6	1.94	6.1	2		264 092510	0	9.3	1.94	6.1	2	
264 092237	-72	9.3	1.94	6.1	2		264 092515	0	24.3	1.94	6.1	2	
264 092242	-54	9.3	1.94	6.1	2		264 092520	18	24.3	1.94	6.1	2	
264 092247	-54	-5.6	1.94	6.1	2		264 092525	18	9.3	1.94	6.1	2	
264 092252	-54	-20.3	1.94	6.1	2		264 092530	18	-5.6	1.94	6.1	2	
264 092256	-54	-35.3	1.94	6.1	2		264 092533	18	-20.3	1.94	6.1	2	
264 092300	-54	-50.2	1.94	6.1	2		264 092538	18	-35.3	1.94	6.1	2	
264 092306	-36	-50.2	1.94	6.1	2		264 092543	18	-50.2	1.94	6.1	2	
264 092310	-36	-35.3	1.94	6.1	2		264 092549	36	-50.2	1.94	6.1	2	
264 092315	-36	-20.3	1.94	6.1	2		264 092553	36	-35.3	1.94	6.1	2	
264 092320	-36	-5.6	1.94	6.1	2		264 092623	36	-65.1	1.94	6.1	2	
264 092324	-36	9.3	1.94	6.1	2		264 092700	18	-65.1	1.94	6.1	2	
264 092329	-18	9.3	1.94	6.1	2		264 092706	0	-65.1	1.94	6.1	2	
264 092359	-18	24.3	1.94	6.1	2		264 092711	-18	-65.1	1.94	6.1	2	
264 092432	-18	-5.6	1.94	6.1	2		264 092717	-36	-65.1	1.94	6.1	2	
264 092436	-18	-20.3	1.94	6.1	2		264 092722	-54	-65.1	1.94	6.1	2	

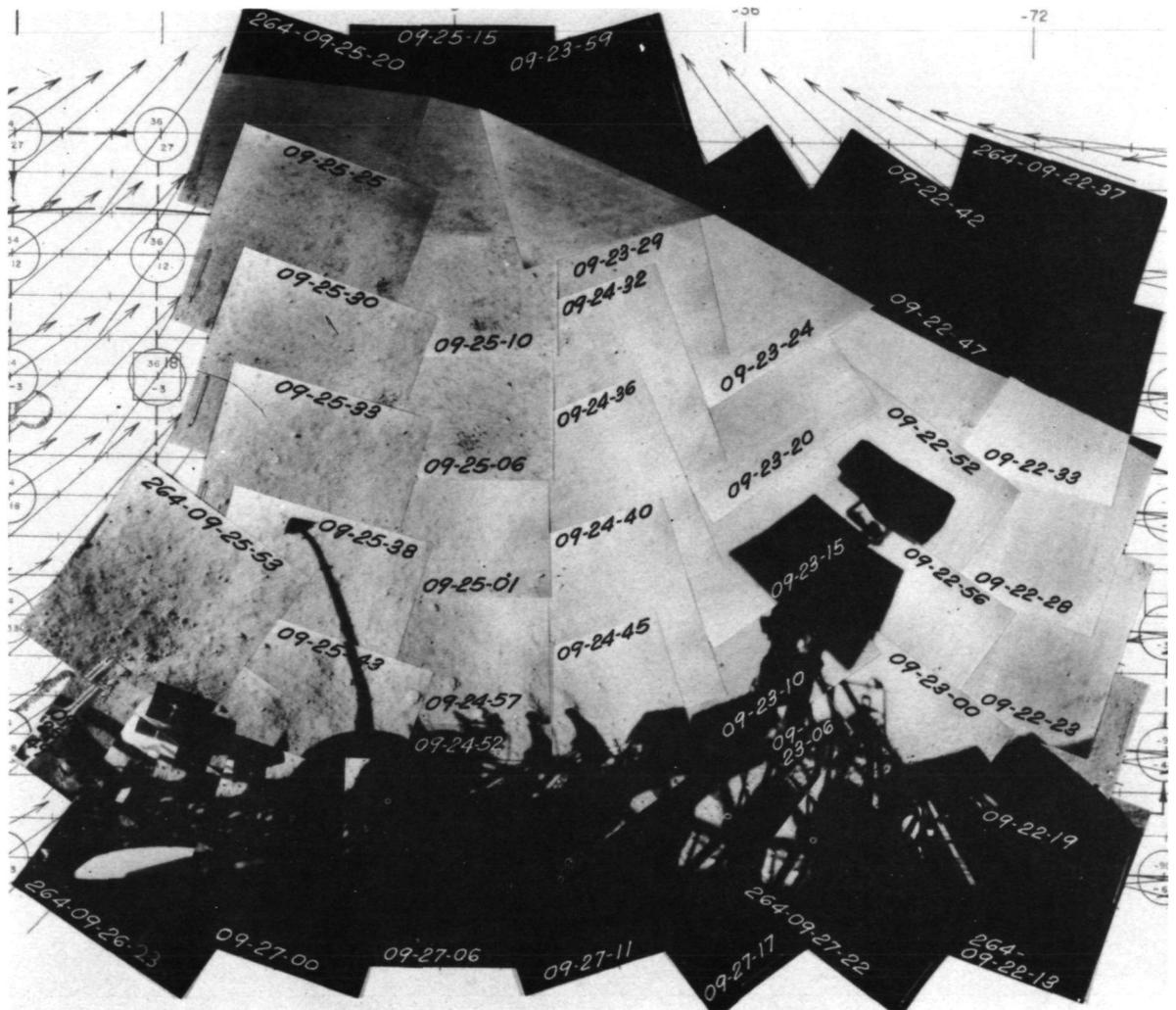


Figure 83.—Day 264, survey W-S, green filter. (USGS 868-209)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
264 092742	-54	-65.1	1.94	6.1	3	DUPLICATE OF 094136	264 093114	-18	-35.3	1.94	6.1	3	
264 092902	-72	-65.1	1.94	6.1	3		264 093119	-18	-50.2	1.94	6.1	3	
264 092908	-72	-50.2	1.94	6.1	3		264 093126	0	-50.2	1.94	6.1	3	
264 092913	-72	-35.3	1.94	6.1	3		264 093131	0	-35.3	1.94	6.1	3	
264 092917	-72	-20.3	1.94	6.1	3		264 093136	0	-20.3	1.94	6.1	3	
264 092921	-72	-5.6	1.94	6.1	3		264 093141	0	-5.6	1.94	6.1	3	
264 092926	-72	9.3	1.94	6.1	3		264 093145	0	9.3	1.94	6.1	3	
264 092932	-54	9.3	1.94	6.1	3		264 093149	0	24.3	1.94	6.1	3	
264 092936	-54	-5.6	1.94	6.1	3		264 093155	18	24.3	1.94	6.1	3	
264 092940	-54	-20.3	1.94	6.1	3		264 093159	18	9.3	1.94	6.1	3	
264 092945	-54	-35.3	1.94	6.1	3		264 093204	18	-5.6	1.94	6.1	3	
264 092949	-54	-50.2	1.94	6.1	3		264 093209	18	-20.3	1.94	6.1	3	
264 092955	-36	-50.2	1.94	6.1	3		264 093213	18	-35.3	1.94	6.1	3	
264 093000	-36	-35.3	1.94	6.1	3		264 093217	18	-50.2	1.94	6.1	3	
264 093005	-36	-20.3	1.94	6.1	3		264 093223	36	-50.2	1.94	6.1	3	
264 093008	-36	-5.6	1.94	6.1	3		264 093228	36	-35.3	1.94	6.1	3	
264 093013	-36	9.3	1.94	6.1	3		264 094114	18	-65.1	1.94	6.1	3	
264 093019	-18	9.3	1.94	6.1	3		264 094120	0	-65.1	1.94	6.1	3	
264 093042	-18	24.3	1.94	6.1	3		264 094124	-18	-65.1	1.94	6.1	3	
264 093106	-18	-5.6	1.94	6.1	3		264 094130	-36	-65.1	1.94	6.1	3	
264 093111	-18	-20.3	1.94	6.1	3		264 094136	-54	-65.1	1.94	6.1	3	

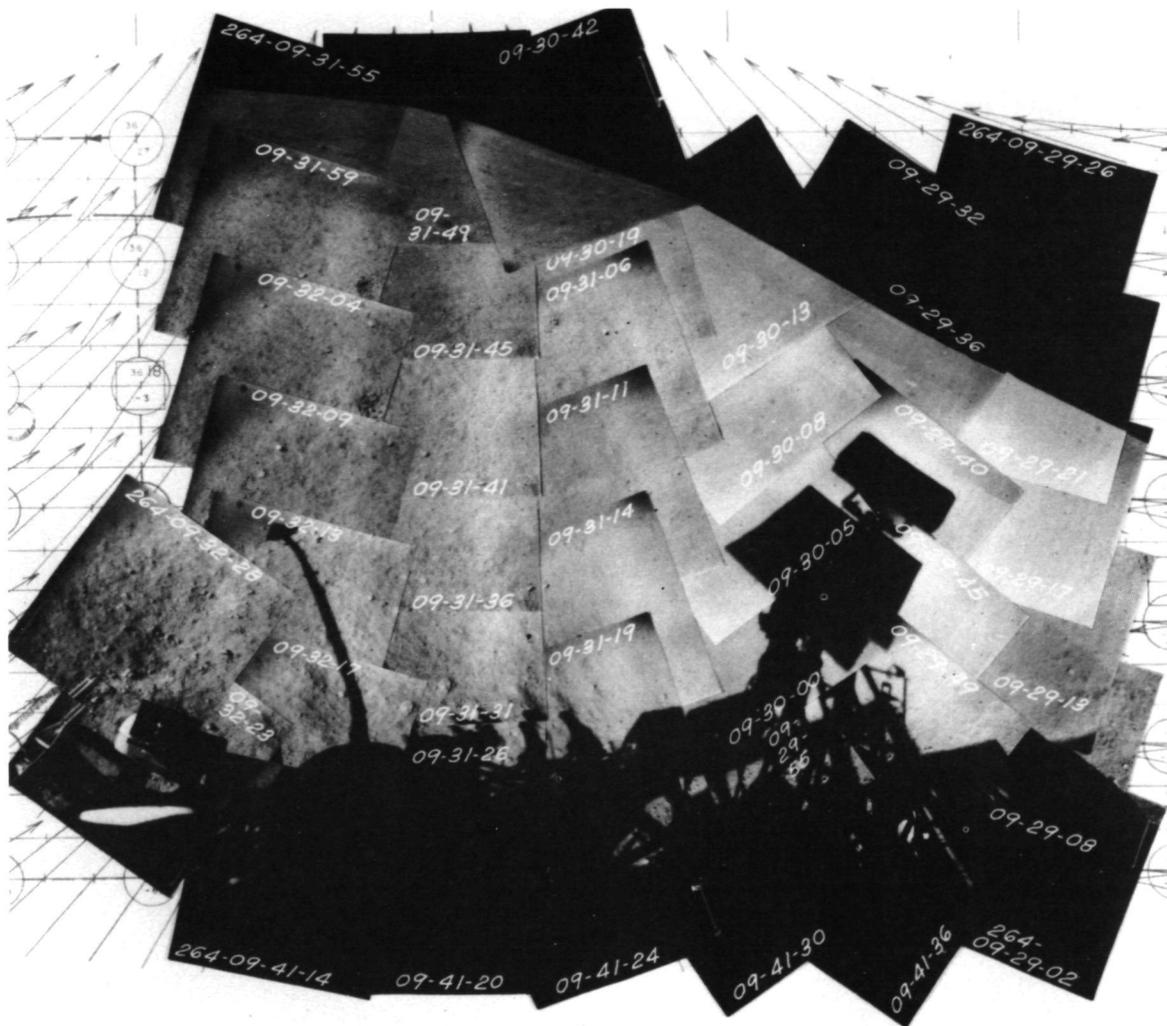


Figure 84.—Day 264, survey W-T, blue filter. (USGS 868-275)

TIME (GMT)	AZ	EL	FCC	IRIS	FIL	REMARKS
264 094227	-54	-65.1	1.94	6.1	4	
264 094259	-72	-65.1	1.94	6.1	4	
264 094305	-72	-50.2	1.94	6.1	4	
264 094310	-72	-35.3	1.94	6.1	4	
264 094314	-72	-20.3	1.94	6.1	4	
264 094319	-72	-5.6	1.94	6.1	4	
264 094323	-72	9.3	1.94	6.1	4	
264 094328	-54	9.3	1.94	6.1	4	
264 094333	-54	-5.6	1.94	6.1	4	
264 094338	-54	-20.3	1.94	6.1	4	
264 094343	-54	-35.3	1.94	6.1	4	
264 094346	-54	-50.2	1.94	6.1	4	
264 094352	-36	-50.2	1.94	6.1	4	
264 094357	-36	-35.3	1.94	6.1	4	
264 094401	-36	-20.3	1.94	6.1	4	
264 094406	-36	-5.6	1.94	6.1	4	
264 094410	-36	9.3	1.94	6.1	4	
264 094415	-18	9.3	1.94	6.1	4	
264 094438	-18	24.3	1.94	6.1	4	
264 094500	-18	-5.6	1.94	6.1	4	
264 094505	-18	-20.3	1.94	6.1	4	
264 094509	-18	-35.3	1.94	6.1	4	
264 094514	-18	-50.2	1.94	6.1	4	
264 094522	0	-50.2	1.94	6.1	4	
264 094526	0	-35.3	1.94	6.1	4	
264 094530	0	-20.3	1.94	6.1	4	
264 094535	0	-5.6	1.94	6.1	4	
264 094540	0	9.3	1.94	6.1	4	
264 094543	0	24.3	1.94	6.1	4	
264 094549	18	24.3	1.94	6.1	4	
264 094554	18	9.3	1.94	6.1	4	
264 094559	18	-5.6	1.94	6.1	4	
264 094603	18	-20.3	1.94	6.1	4	
264 094607	18	-35.3	1.94	6.1	4	
264 094612	18	-50.2	1.94	6.1	4	
264 094617	36	-50.2	1.94	6.1	4	
264 094622	36	-35.3	1.94	6.1	4	
264 094721	18	-65.1	1.94	6.1	4	
264 094726	0	-65.1	1.94	6.1	4	
264 094732	-18	-65.1	1.94	6.1	4	
264 094737	-36	-65.1	1.94	6.1	4	

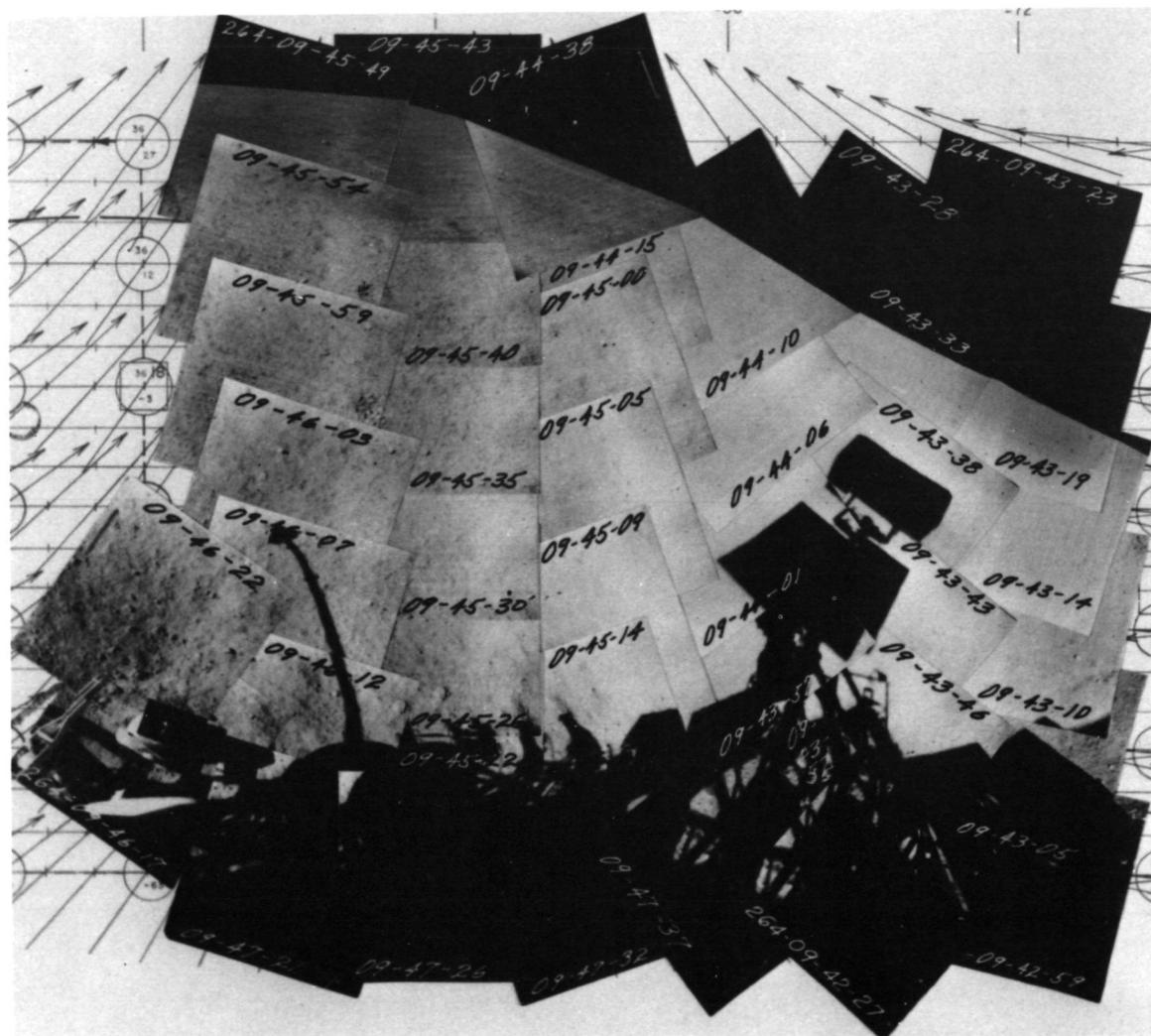


Figure 85.—Day 264, survey W-U, red filter. (USGS 868-235)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
265 044250	-54	-65.1	1.87	23.6	1	DUPLICATE OF 050800	265 045944	-108	-35.3	1.94	8.2	1	DUPLICATE OF 050234
265 044424	-54	-65.1	1.94	23.5	1	DUPLICATE OF 050800	265 045949	-108	-50.2	1.94	8.1	1	DUPLICATE OF 050237
265 044531	-72	-65.1	1.94	23.6	1		265 045954	-108	-50.2	1.94	8.2	1	DUPLICATE OF 050237
265 044537	-72	-50.2	1.94	23.7	1		265 050141	-90	-50.2	1.94	16.7	1	
265 044542	-72	-35.3	1.94	23.7	1		265 050210	-90	-35.3	1.94	16.7	1	
265 044547	-72	-20.3	1.94	23.7	1		265 050214	-90	-20.3	1.94	16.7	1	
265 044550	-72	-5.6	1.94	23.7	1		265 050219	-90	-5.6	1.94	16.7	1	
265 044555	-72	9.3	1.94	23.7	1		265 050224	-108	-5.6	1.94	16.7	1	
265 044601	-54	9.3	1.94	23.6	1		265 050229	-108	-20.3	1.94	16.7	1	
265 044605	-54	-5.6	1.94	23.6	1		265 050234	-108	-35.3	1.94	16.7	1	
265 044610	-54	-20.3	1.94	23.6	1		265 050237	-108	-50.2	1.94	16.7	1	
265 044615	-54	-35.3	1.94	23.6	1		265 050243	-126	-50.2	1.94	16.7	1	
265 044619	-54	-50.2	1.94	23.6	1		265 050248	-126	-35.3	1.94	16.7	1	
265 044624	-36	-50.2	1.94	23.6	1		265 050252	-126	-20.3	1.94	16.6	1	
265 044629	-36	-35.3	1.94	23.6	1		265 050257	-126	-5.6	1.94	16.7	1	
265 044634	-36	-20.3	1.94	23.6	1		265 050303	-144	-5.6	1.94	16.7	1	
265 044637	-36	-5.6	1.94	23.6	1		265 050306	-144	-20.3	1.94	16.7	1	
265 044642	-36	9.3	1.94	23.6	1		265 050333	-144	-20.3	1.94	11.6	1	DUPLICATE
265 044648	-18	9.3	1.94	23.7	1		265 050356	-144	-35.3	1.94	11.6	1	
265 044652	-18	-5.6	1.94	23.6	1		265 050359	-144	-50.2	1.94	11.6	1	
265 044657	-18	-20.3	1.94	23.6	1		265 050405	-162	-50.2	1.94	11.6	1	
265 044702	-18	-35.3	1.94	23.8	1		265 050410	-162	-35.3	1.94	11.6	1	
265 044736	-18	-35.3	1.94	16.6	1	DUPLICATE	265 050414	-162	-20.3	1.94	11.6	1	
265 044809	-18	-50.2	1.94	16.8	1		265 050419	-162	-5.6	1.94	11.6	1	
265 044816	0	-50.2	1.94	16.7	1		265 050425	-180	-5.6	1.94	11.6	1	
265 044820	0	-35.3	1.94	16.7	1		265 050428	-180	-20.3	1.94	11.6	1	
265 044825	0	-20.3	1.94	16.6	1		265 050433	-180	-35.3	1.94	11.6	1	
265 044829	0	-5.6	1.94	16.6	1		265 050438	-180	-50.2	1.94	11.6	1	
265 044834	0	9.3	1.94	16.7	1		265 050445	-198	-50.2	1.94	11.6	1	
265 044838	0	24.3	1.94	16.6	1		265 050450	-198	-35.3	1.94	11.5	1	
265 044928	-18	24.3	1.94	16.7	1		265 050455	-198	-20.3	1.94	11.6	1	
265 045009	18	24.3	1.94	16.7	5		265 050458	-198	-5.6	1.94	11.6	1	
265 045014	18	9.3	1.94	16.7	1		265 050548	-216	-20.3	1.94	11.6	1	
265 045019	18	-5.6	1.94	16.7	1		265 050617	-216	-35.3	1.94	11.6	1	
265 045024	18	-20.3	1.94	16.7	1		265 050621	-216	-50.2	1.94	11.6	1	
265 045027	18	-35.3	1.94	16.6	1		265 050628	-216	-65.1	1.94	11.6	1	
265 045032	18	-50.2	1.94	16.6	1		265 050634	-198	-65.1	1.94	11.6	1	
265 045038	36	-50.2	1.94	16.7	1		265 050638	-180	-65.1	1.94	11.6	1	
265 045042	36	-35.3	1.94	16.7	1		265 050644	-162	-65.1	1.94	11.6	1	
265 045047	36	-20.3	1.94	16.7	1		265 050649	-144	-65.1	1.94	11.6	1	
265 045051	36	-5.6	1.94	16.7	1		265 050717	-144	-65.1	1.94	16.6	1	DUPLICATE
265 045056	36	9.3	1.94	16.7	1		265 050741	-126	-65.1	1.94	16.6	1	
265 045100	36	24.3	1.94	16.7	1		265 050747	-108	-65.1	1.94	16.7	1	
265 045131	36	24.3	1.94	11.7	1	DUPLICATE	265 050752	-90	-65.1	1.94	16.7	1	
265 045200	54	24.3	1.94	11.7	1		265 050800	-54	-65.1	1.94	16.7	1	
265 045204	54	9.3	1.94	11.6	1								
265 045209	54	-5.6	1.94	11.7	1								
265 045213	54	-20.3	1.94	11.6	1								
265 045218	54	-35.3	1.94	11.6	1								
265 045222	54	-50.2	1.94	11.6	1								
265 045228	72	-50.2	1.94	11.6	1								
265 045233	72	-35.3	1.94	11.6	1								
265 045236	72	-20.3	1.94	11.6	1								
265 045241	72	-5.6	1.94	11.6	1								
265 045246	72	9.3	1.94	11.6	1								
265 045251	72	24.3	1.94	11.6	1								
265 045256	90	24.3	1.94	11.6	1								
265 045300	90	9.3	1.94	11.6	1								
265 045305	90	-5.6	1.94	11.6	1								
265 045309	90	-20.3	1.94	11.6	1								
265 045314	90	-35.3	1.94	11.6	1								
265 045318	90	-50.2	1.94	11.6	1								
265 045326	108	-50.2	1.94	11.6	1								
265 045330	108	-35.3	1.94	11.7	1								
265 045335	108	-20.3	1.94	11.6	1								
265 045339	108	-5.6	1.94	11.6	1								
265 045433	126	-20.3	1.94	11.6	1								
265 045450	126	-35.3	1.94	11.5	1								
265 045548	126	-40.3	1.94	11.6	1	NOT SHOWN							
265 045614	126	-45.3	1.94	11.6	1	NOT SHOWN							
265 045656	126	-50.2	1.94	11.6	1								
265 045702	126	-65.1	1.94	11.6	1								
265 045707	108	-65.1	1.94	11.6	1								
265 045713	90	-65.1	1.94	11.6	1								
265 045719	72	-65.1	1.94	11.6	1								
265 045724	54	-65.1	1.94	11.6	1								
265 045730	36	-65.1	1.94	11.6	1								
265 045757	36	-65.1	1.94	8.2	1	DUPLICATE							
265 045841	18	-65.1	1.94	8.2	1								
265 045847	0	-65.1	1.94	8.2	1								
265 045853	-18	-65.1	1.94	8.2	1								
265 045858	-36	-65.1	1.94	8.2	1								
265 045904	-54	-65.1	1.94	8.2	1	DUPLICATE OF 050800							
265 045916	-90	-50.2	1.94	8.2	1	DUPLICATE OF 050141							
265 045920	-90	-35.3	1.94	8.2	1	DUPLICATE OF 050210							
265 045925	-90	-20.3	1.94	8.2	1	DUPLICATE OF 050214							
265 045929	-90	-5.6	1.94	8.2	1	DUPLICATE OF 050219							
265 045934	-108	-5.6	1.94	8.2	1	DUPLICATE OF 050224							
265 045939	-108	-20.3	1.94	8.2	1	DUPLICATE OF 050229							

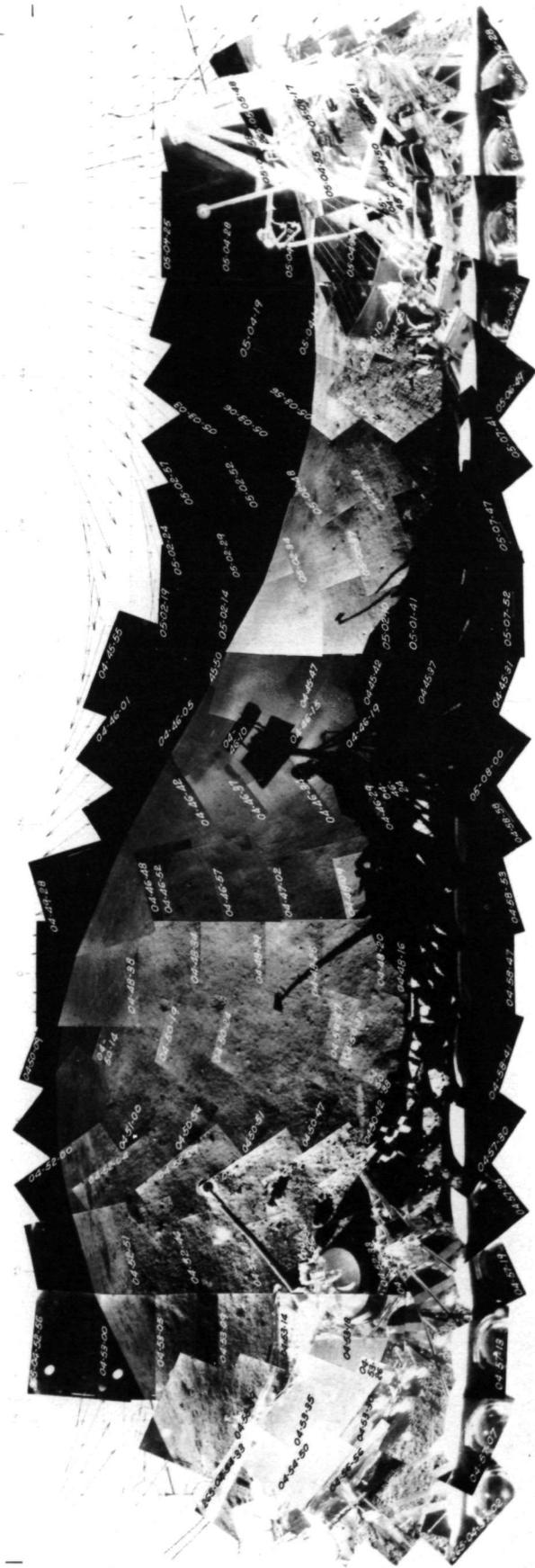


Figure 86.—Day 265, survey W-V. (USGS 868-328)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
266 112024	-54	-65.1	1.94	16.4	1	DUPLICATE OF 114227	266 113354	-126	-20.3	1.94	11.5	1	
266 112142	-72	-65.1	1.94	16.5	1		266 113357	-126	-5.6	1.94	4.7	1	
266 112147	-72	-50.2	1.94	16.5	1		266 113428	-126	-5.6	1.94	8.1	1	DUPLICATE
266 112152	-78	-35.3	1.94	16.0	1		266 113834	-144	-5.6	1.94	25.4	1	
266 112157	-72	-20.3	1.94	16.5	1		266 113839	-144	-20.3	1.94	25.4	1	
266 112202	-72	-5.6	1.94	16.5	1		266 113844	-144	-35.3	1.96	8.1	1	
266 112205	-72	9.3	1.94	16.5	1		266 113847	-144	-50.2	1.94	8.1	1	
266 112211	-54	9.3	1.94	16.5	1		266 113853	-162	-50.2	1.94	8.1	1	
266 112216	-54	-5.6	1.94	16.5	1		266 113858	-162	-35.3	1.94	8.1	1	
266 112221	-54	-20.3	1.94	16.5	1		266 113903	-162	-20.3	1.94	8.1	1	
266 112224	-54	-35.3	1.94	16.5	1		266 113906	-162	-5.6	1.94	8.1	1	
266 112229	-54	-50.2	1.94	16.5	1		266 113912	-180	-5.6	1.94	8.1	1	
266 112235	-36	-50.2	1.94	16.0	1		266 113917	-180	-20.3	1.94	8.0	1	
266 112240	-36	-35.3	1.94	16.5	1		266 113922	-180	-35.3	1.94	8.1	1	
266 112244	-36	-20.3	1.94	16.5	1		266 113925	-180	-50.2	1.94	8.1	1	
266 112248	-36	-5.6	1.94	16.5	1		266 113934	-198	-50.2	1.94	8.1	1	
266 112253	-36	9.3	1.94	16.5	1		266 113937	-198	-35.3	1.94	8.1	1	
266 112259	-18	9.3	1.94	16.5	1		266 113942	-198	-20.3	1.94	8.1	1	
266 112317	-18	14.4	1.96	16.5	1		266 113947	-198	-5.6	1.94	8.1	1	
266 112357	-18	-5.6	1.94	11.5	1		266 114035	-216	-5.6	1.94	8.1	1	
266 112401	-18	-20.3	1.94	11.5	5		266 114051	-216	-20.3	1.94	8.1	1	
266 112406	-18	-35.3	1.87	25.4	1		266 114055	-216	-35.3	1.94	8.1	1	
266 112411	-18	-50.2	1.94	11.5	1		266 114100	-216	-50.2	1.94	8.1	1	
266 112418	0	-50.2	1.94	11.5	1		266 114106	-216	-65.1	1.94	8.0	1	
266 112423	0	-35.3	1.94	11.5	1		266 114112	-198	-65.1	1.94	8.0	1	
266 112427	0	-20.3	1.94	11.5	1		266 114116	-180	-65.1	1.94	8.1	1	
266 112431	0	-5.6	1.94	11.5	1		266 114122	-162	-65.1	1.94	8.1	1	
266 112436	0	9.3	1.94	11.5	1		266 114128	-144	-65.1	1.94	8.1	1	
266 112440	0	24.3	1.94	11.5	1		266 114156	-144	-65.1	1.94	11.5	1	
266 112446	18	24.3	1.94	11.5	1		266 114206	-126	-65.1	1.94	11.5	1	
266 112450	18	9.3	1.94	11.5	1		266 114212	-108	-65.1	1.94	11.5	1	
266 112455	18	-5.6	1.94	11.5	1		266 114218	-90	-65.1	1.94	11.5	1	
266 112459	18	-20.3	1.94	11.5	1		266 114227	-54	-65.1	1.94	11.5	1	
266 112504	18	-35.3	1.94	11.5	1								
266 112509	18	-50.2	1.94	11.5	1								
266 112514	36	-50.2	1.94	11.5	1								
266 112519	36	-35.3	1.94	11.5	1								
266 112523	36	-20.3	1.94	11.5	1								
266 112527	36	-5.6	1.94	11.5	1								
266 112532	36	9.3	1.94	11.5	1								
266 112609	36	9.3	1.94	8.1	1	DUPLICATE							
266 112622	36	24.3	1.94	8.1	1								
266 112628	54	24.3	1.94	8.1	1								
266 112632	54	9.3	1.94	8.1	1								
266 112636	54	-5.6	1.94	8.1	1								
266 112641	54	-20.3	1.94	8.1	1								
266 112646	54	-35.3	1.94	8.1	1								
266 112650	54	-50.2	1.94	8.1	1								
266 112655	72	-50.2	1.94	8.1	1								
266 112700	72	-35.3	0.96	3.9	1								
266 112705	72	-20.3	4.9	17.0	1								
266 112709	72	-5.6	1.96	8.1	1								
266 112713	72	9.3	1.94	8.1	1								
266 112718	72	24.3	1.94	8.6	1								
266 112724	90	24.3	1.94	8.1	1								
266 112729	90	9.3	1.94	8.1	1								
266 112732	90	-5.6	1.94	8.1	1								
266 112737	90	-20.3	1.94	8.1	1								
266 112742	90	-35.3	1.94	8.1	1								
266 112746	90	-50.2	1.94	8.1	1								
266 112754	108	-50.2	1.94	8.1	1								
266 112758	108	-35.3	1.94	8.1	1								
266 112805	108	-20.3	1.94	8.1	1								
266 112842	126	-20.3	1.94	8.1	1								
266 112928	126	-35.3	1.94	8.1	1								
266 112933	126	-50.2	1.94	8.1	1								
266 112939	126	-65.1	1.94	8.1	1								
266 112944	108	-65.1	1.94	8.0	1								
266 112949	90	-65.1	1.94	8.1	1								
266 112955	72	-65.1	1.94	8.1	1								
266 113000	54	-65.1	1.94	8.1	1								
266 113026	36	-65.1	1.94	8.1	1								
266 113032	18	-65.1	1.96	16.6	1								
266 113037	0	-65.1	1.94	8.1	1	DUPLICATE							
266 113101	0	-65.1	1.94	11.5	1								
266 113113	-18	-65.1	1.94	11.5	1								
266 113119	-36	-65.1	1.94	11.5	1								
266 113123	-54	-65.1	1.94	11.5	1	DUPLICATE OF 114227							
266 113158	-54	-65.1	1.94	16.5	1	DUPLICATE OF 114227							
266 113231	-90	-50.2	1.94	16.5	1								
266 113235	-90	-35.3	1.94	16.4	1								
266 113240	-90	-20.3	1.94	9.5	1								
266 113245	-90	-5.6	1.94	16.5	1								
266 113325	-108	-5.6	1.94	11.5	1								
266 113330	-108	-20.3	1.94	11.5	1								
266 113335	-108	-35.3	1.94	11.5	1								
266 113339	-108	-50.2	1.94	4.7	1								
266 113344	-126	-50.2	1.94	11.5	1								
266 113349	-126	-35.3	1.94	11.5	1								

SURVEYOR 5 TELEVISION PICTURE DATA

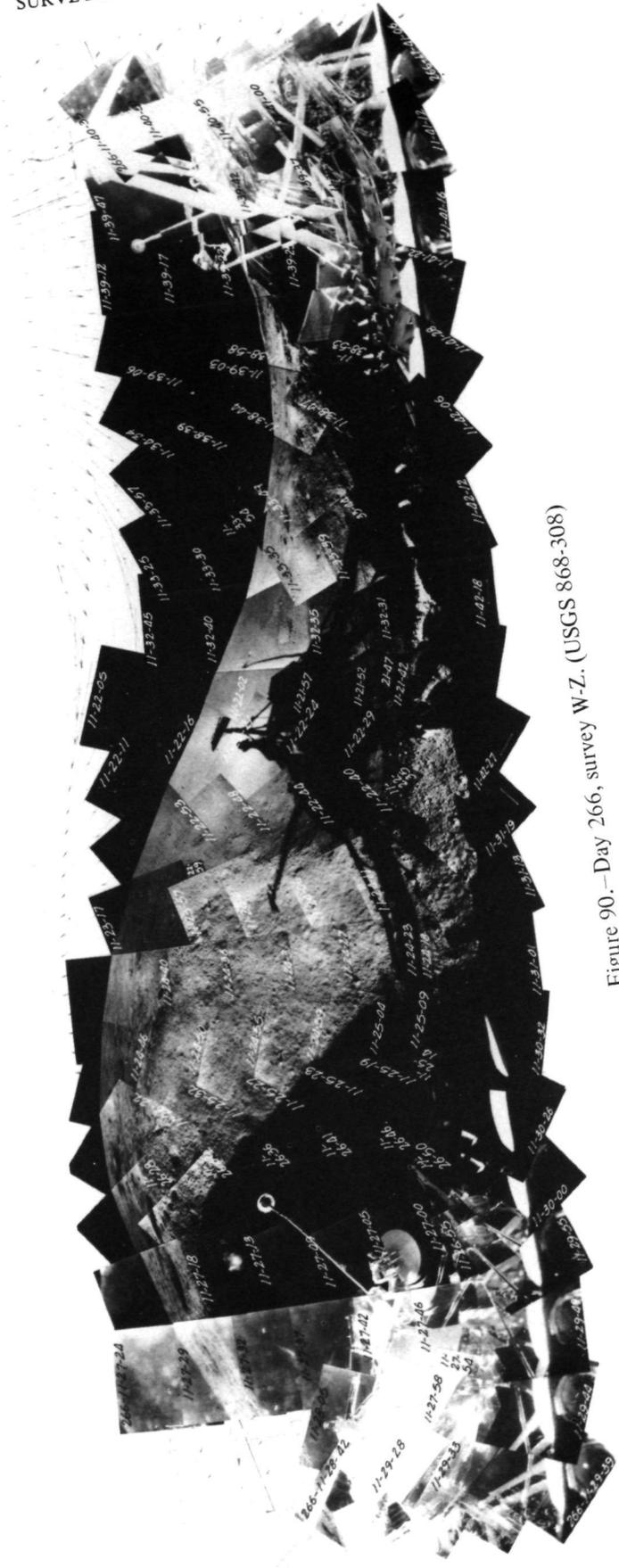


Figure 90.—Day 266, survey W-Z. (USGS 868-308)

SURVEY A SECTORS 5,6 (NOT SHOWN)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
255 072417	-141	-60.1	1.58	12.2	1	
255 073127	-141	-60.1	1.58	12.2	1	
255 073347	-141	-60.1	1.58	12.2	1	
255 073524	-141	-60.1	2.3	12.2	1	
255 073116	-141	-60.1	1.58	12.2	1	
255 074654	-120	-15.3	75	12.2	1	
255 074657	-126	-15.3	75	12.2	1	
255 074702	-132	-15.3	75	12.2	1	
255 074707	-138	-15.3	75	12.2	1	
255 074711	-141	-10.5	75	12.2	1	
255 074715	-135	-10.5	75	12.2	1	
255 074720	-129	-10.5	75	12.2	1	
255 074725	-123	-10.5	75	12.2	1	
255 074729	-117	-10.5	75	12.2	1	
255 074733	-111	-10.5	75	12.2	1	
255 074738	-108	-5.6	75	12.2	1	
255 074742	-114	-5.6	75	12.2	1	
255 074747	-120	-5.6	75	12.2	1	
255 074752	-126	-5.6	75	12.2	1	
255 074756	-132	-5.6	75	12.2	1	
255 074800	-138	-5.6	75	12.2	1	
255 074805	-141	-0.7	75	12.2	1	
255 074810	-135	-0.7	75	12.2	1	
255 074814	-129	-0.7	75	12.2	1	
255 074818	-123	-0.7	75	12.2	1	
255 074823	-117	-0.7	75	12.2	1	
255 074828	-111	-0.7	75	12.2	1	

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
255 074855	-105	-60.1	75	12.2	1	
255 075431	-93	-30.3	75	12.2	1	
255 075435	-87	-30.3	75	12.2	1	
255 075439	-81	-30.3	75	12.2	1	
255 075444	-75	-30.3	75	12.2	1	
255 075449	-72	-25.3	29	10.9	1	
255 075453	-78	-25.3	8.6	3.9	1	
255 075457	-84	-25.3	6.2	3.9	1	
255 075502	-90	-25.3	4.9	3.9	1	
255 075507	-96	-25.3	4.1	3.9	1	
255 075511	-102	-25.3	1.73	3.9	1	
255 075711	-105	-20.3	1.73	3.9	1	PARTIAL FRAME

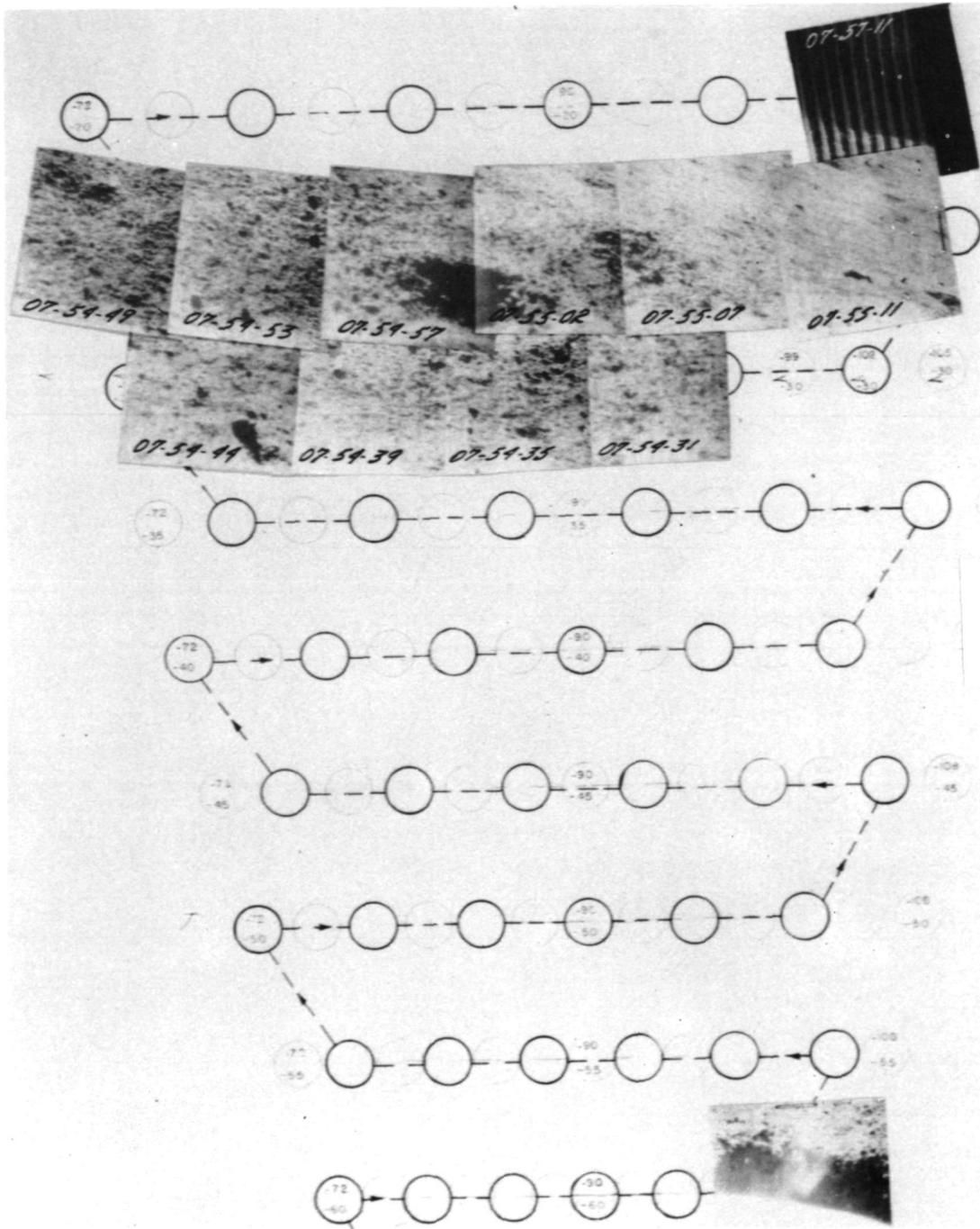


Figure 91.—Day 255, survey A, sectors 7 and 8. (USGS 868-197)

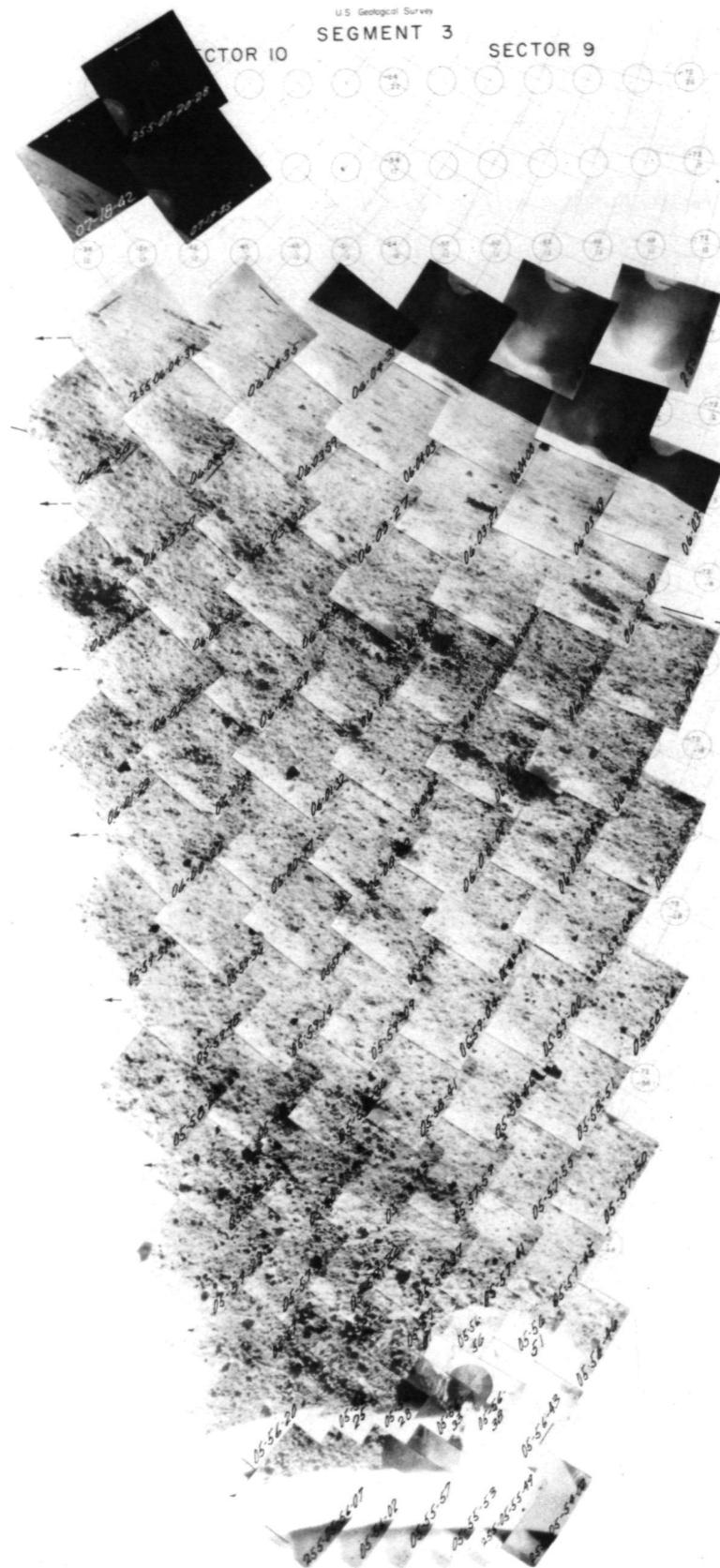


Figure 92.—Day 255, survey A, sectors 9 and 10. (USGS 868-198)

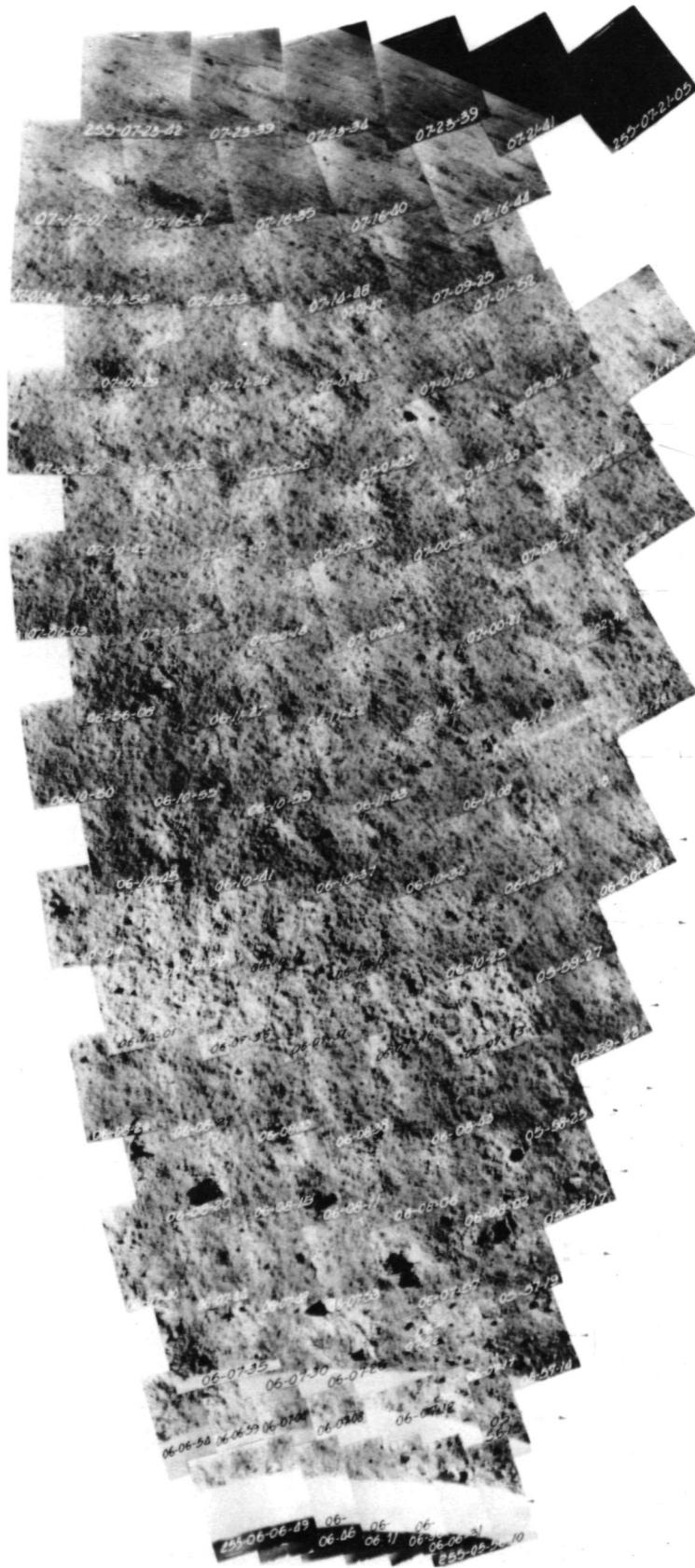


Figure 93.—Day 255, survey A, sectors 11 and 12. (USGS 868-199)



Figure 94.—Day 255, survey A, sectors 13 and 14. (USGS 868-201)

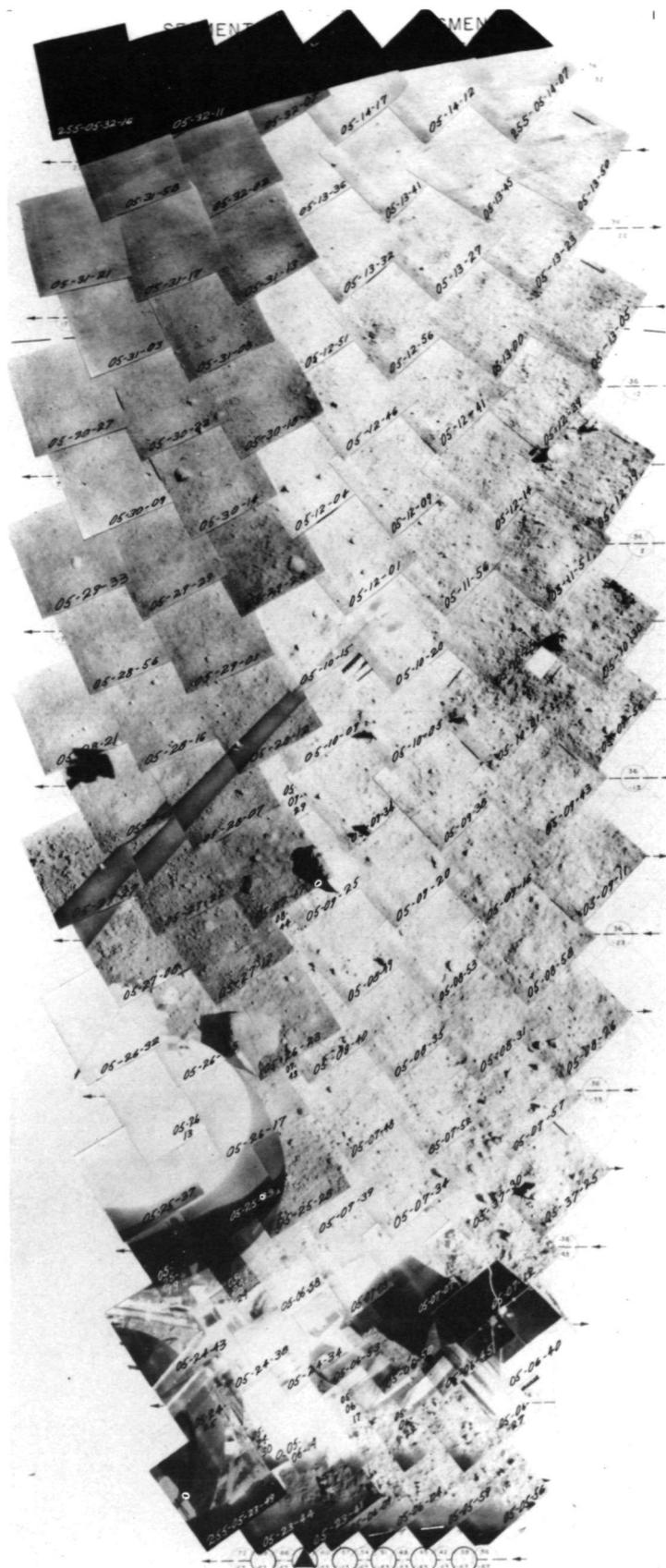


Figure 95.—Day 255, survey A, sectors 15 and 16. (USGS 868-202)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
255 053410	114	-60.1	1.58	17.7	1	
255 053415	120	-60.1	1.61	17.7	1	
255 053418	123	-55.2	1.67	17.7	1	
255 053423	117	-55.2	1.61	17.7	1	
255 053428	111	-55.2	1.61	17.7	1	
255 053454	114	-50.2	1.67	17.7	1	
255 053459	120	-50.2	1.73	17.7	1	
255 053504	123	-45.3	1.73	17.7	1	
255 053508	117	-45.3	1.73	17.7	1	
255 053513	111	-45.3	1.73	17.7	1	
255 053539	114	-40.3	1.79	17.7	1	
255 053544	120	-40.3	1.87	17.7	1	
255 053549	123	-35.3	2.03	17.7	1	
255 053553	117	-35.3	1.94	17.7	1	
255 053557	111	-35.3	1.87	17.7	1	
255 053628	114	-30.3	2.03	17.7	1	
255 053633	120	-30.3	2.1	17.7	1	
255 053648	123	-25.3	2.2	17.4	1	
255 053652	117	-25.3	2.3	17.7	1	
255 053657	111	-25.3	2.2	17.7	1	
255 053724	114	-20.3	2.6	17.7	1	
255 053728	120	-20.3	2.6	17.7	1	
255 053840	123	-15.3	3.1	17.7	1	
255 053845	117	-15.3	2.9	17.7	1	
255 053848	111	-15.3	2.9	17.7	1	
255 053916	114	-10.5	3.3	17.7	1	
255 053921	120	-10.5	3.8	17.7	1	
255 054007	123	-5.6	4.5	17.7	1	
255 054012	117	-5.6	4.1	17.7	1	
255 054017	111	-5.6	3.8	17.7	1	
255 054045	114	-0.7	4.9	17.7	1	
255 054048	120	-0.7	5.5	17.7	1	
255 054054	123	4.3	13.5	17.7	1	
255 054059	117	4.3	8.6	17.7	1	
255 054104	111	4.3	6.2	17.7	1	
255 054131	114	9.3	13.5	17.7	1	
255 054136	120	9.3	13.5	17.7	1	
255 054140	123	14.4	13.5	17.7	1	
255 054144	117	14.4	13.5	17.7	1	
255 054149	111	14.4	13.5	17.7	1	
255 054217	114	19.4	13.5	17.7	1	
255 054220	120	19.4	13.5	17.7	1	
255 054336	60	-60.1	1.46	17.7	1	NOT SHOWN
255 054429	0	-60.1	1.58	17.7	1	NOT SHOWN
255 054522	-63	-60.1	1.79	17.7	1	NOT SHOWN

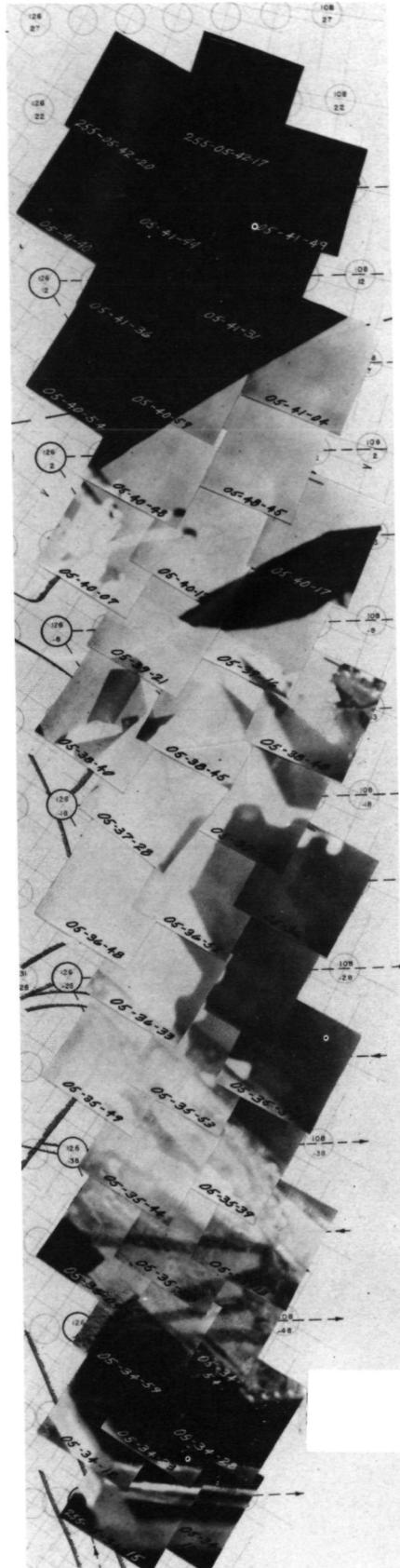


Figure 97.—Day 255, survey A, sector 19. (USGS 868-204)

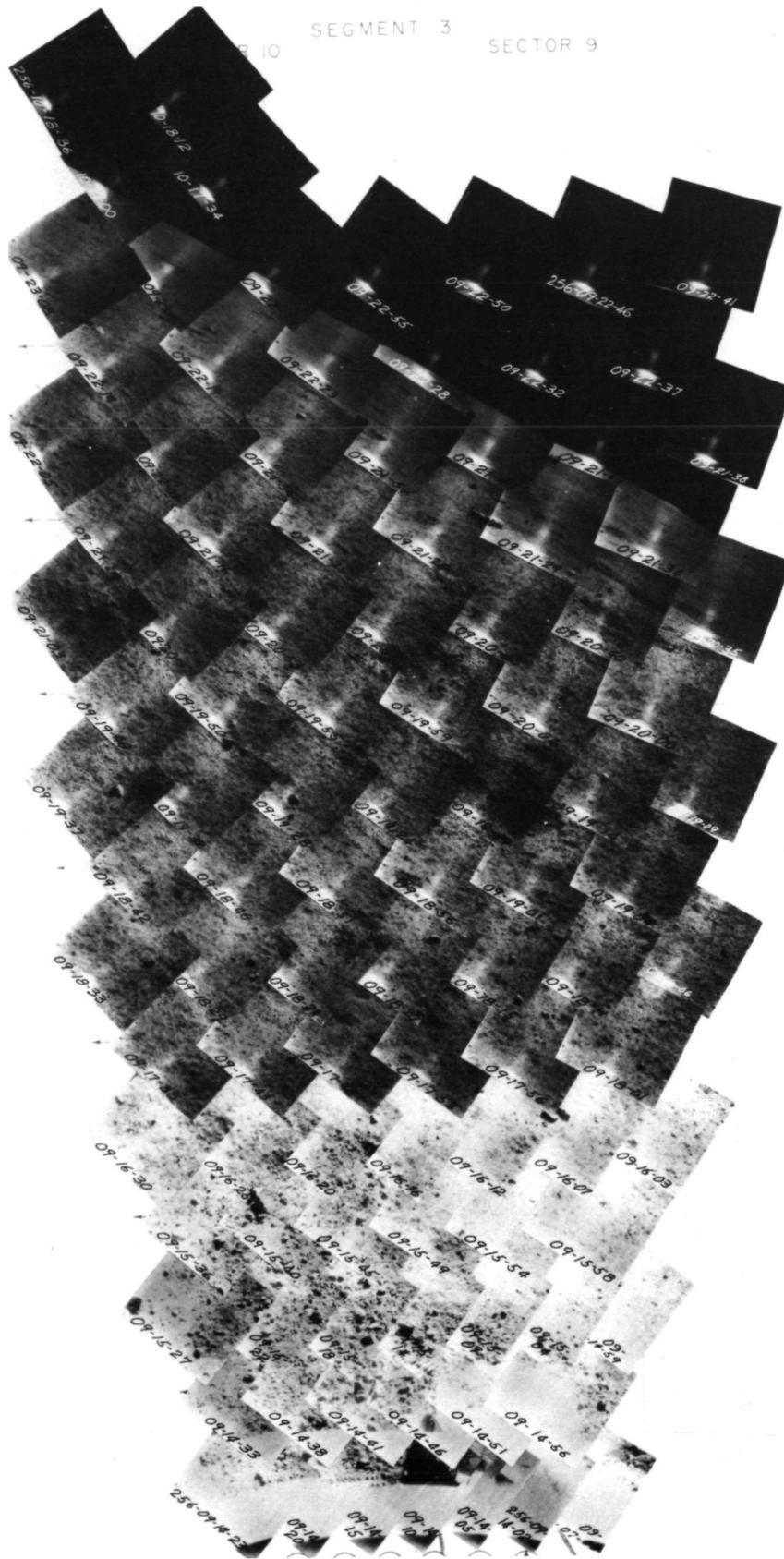


Figure 98.—Day 256, survey B, sectors 9 and 10. (USGS 868-301)

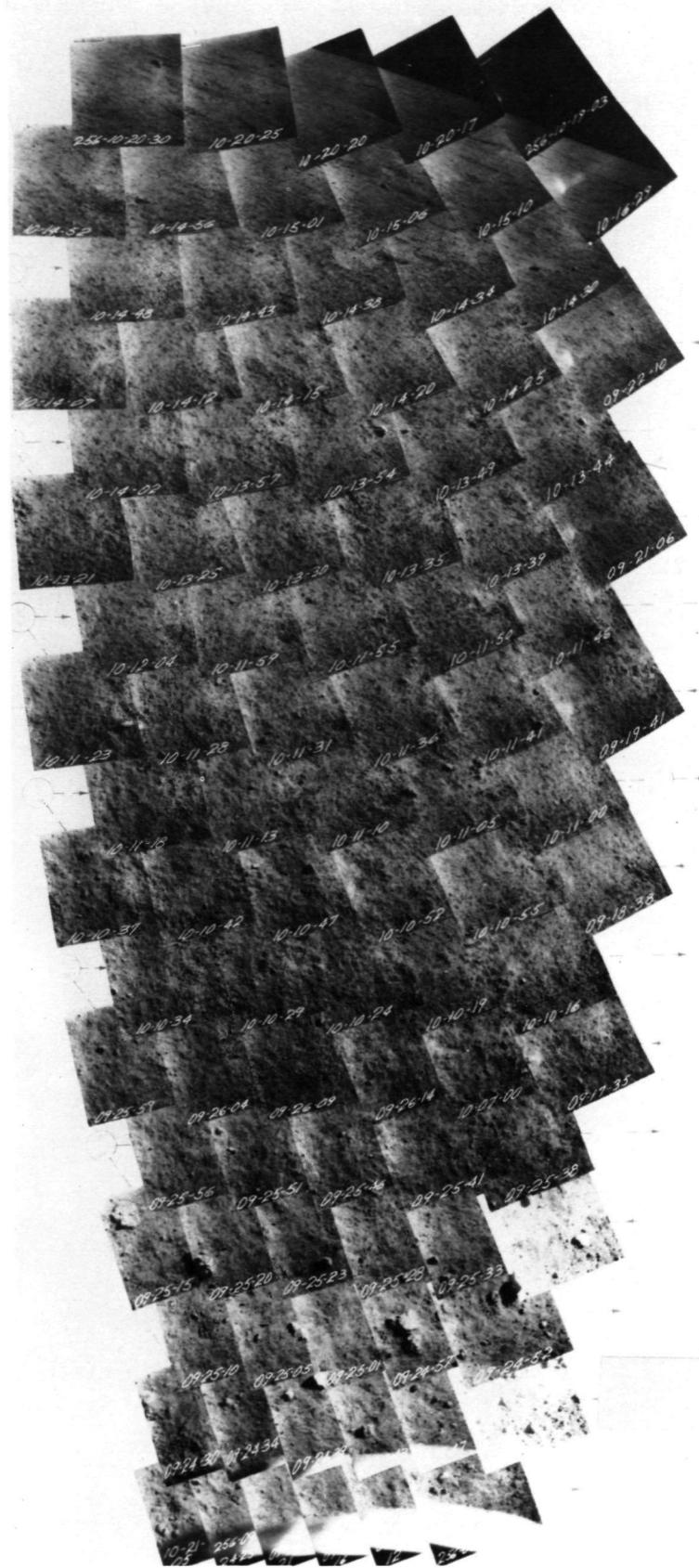


Figure 99.—Day 256, survey B, sectors 11 and 12. (USGS 868-217)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
257 080653	-69	-60.1	2.1	16.8	1		257 081909	-39	9.3	75	11.5	1	
257 080757	-63	-60.1	2.1	16.9	1								
257 080800	-57	-60.1	2.03	16.8	1								
257 080805	-51	-60.1	2.03	16.9	1								
257 080810	-45	-60.1	2.03	16.9	1								
257 080815	-39	-60.1	1.94	16.9	1								
257 080828	-36	-55.2	2.03	16.8	1								
257 080833	-42	-55.2	2.1	16.8	1								
257 080838	-48	-55.2	2.1	16.7	1								
257 080841	-54	-55.2	2.2	16.9	1								
257 080846	-60	-55.2	2.2	16.9	1								
257 080851	-66	-55.2	2.3	16.8	1								
257 080856	-69	-50.2	2.5	16.9	1								
257 080859	-63	-50.2	2.5	16.9	1								
257 080904	-57	-50.2	2.5	10.3	1								
257 080909	-51	-50.2	2.3	16.8	1								
257 080913	-45	-50.2	2.3	16.8	1								
257 080917	-39	-50.2	2.2	16.9	1								
257 080931	-36	-45.3	2.3	16.9	1								
257 080935	-42	-45.3	2.5	16.9	1								
257 080940	-48	-45.3	2.5	16.8	1								
257 080945	-54	-45.3	2.6	16.9	1								
257 080949	-60	-45.3	2.7	16.8	1								
257 080953	-66	-45.3	2.7	16.9	1								
257 080958	-69	-40.3	3.1	16.9	1								
257 081002	-63	-40.3	3.1	16.9	1								
257 081007	-57	-40.3	2.9	16.9	1								
257 081012	-51	-40.3	2.9	16.9	1								
257 081016	-45	-40.3	2.7	16.9	1								
257 081020	-39	-40.3	2.6	16.9	1								
257 081111	-36	-35.3	2.6	16.8	1								
257 081115	-42	-35.3	2.7	16.9	1								
257 081120	-48	-35.3	2.7	16.9	1								
257 081125	-54	-35.3	2.9	16.9	1								
257 081129	-60	-35.3	3.1	16.9	1								
257 081133	-66	-35.3	3.1	16.9	1								
257 081138	-69	-30.3	3.8	16.9	1								
257 081143	-63	-30.3	3.5	16.9	1								
257 081148	-57	-30.3	3.5	16.9	1								
257 081152	-51	-30.3	3.3	16.9	1								
257 081156	-45	-30.3	3.1	16.9	1								
257 081201	-39	-30.3	2.9	16.7	1								
257 081252	-36	-25.3	2.9	16.9	1								
257 081257	-42	-25.3	3.1	16.9	1								
257 081301	-48	-25.3	3.3	16.8	1								
257 081305	-54	-25.3	3.5	16.8	1								
257 081310	-60	-25.3	3.5	16.9	1								
257 081315	-66	-25.3	3.5	16.8	1								
257 081320	-69	-20.3	4.9	16.8	1								
257 081325	-63	-20.3	4.9	16.8	1								
257 081328	-57	-20.3	4.5	16.8	1								
257 081333	-51	-20.3	4.1	16.9	1								
257 081422	-45	-20.3	3.8	11.5	1								
257 081427	-39	-20.3	3.5	11.5	1								
257 081440	-36	-15.3	4.1	11.5	1								
257 081445	-42	-15.3	4.5	11.5	1								
257 081449	-48	-15.3	4.9	11.5	1								
257 081454	-54	-15.3	5.5	11.5	1								
257 081459	-60	-15.3	5.5	11.5	1								
257 081503	-66	-15.3	6.2	11.5	1								
257 081550	-69	-10.5	8.6	11.5	1								
257 081555	-63	-10.5	6.2	11.5	1								
257 081600	-57	-10.5	5.5	11.5	1								
257 081604	-51	-10.5	4.9	11.5	1								
257 081608	-45	-10.5	4.5	11.5	1								
257 081613	-39	-10.5	4.1	11.5	1								
257 081626	-36	-5.6	4.9	11.5	1								
257 081631	-42	-5.6	5.5	11.5	1								
257 081636	-48	-5.6	7.2	11.5	1								
257 081639	-54	-5.6	8.6	11.5	1								
257 081644	-60	-5.6	8.6	11.5	1								
257 081649	-66	-5.6	8.6	11.5	1								
257 081654	-69	-0.7	8.6	11.5	1								
257 081659	-63	-0.7	8.6	11.5	1								
257 081702	-57	-0.7	8.6	11.5	1								
257 081707	-51	-0.7	8.6	11.5	1								
257 081712	-45	-0.7	8.6	11.5	1	NO I D, GMT EST							
257 081717	-39	-0.7	8.6	11.5	1								
257 081819	-36	4.3	75	11.5	1								
257 081823	-42	4.3	75	11.5	1								
257 081828	-48	4.3	75	11.5	1								
257 081833	-54	4.3	75	11.5	1								
257 081837	-60	4.3	75	11.5	1								
257 081841	-66	4.3	75	11.5	1								
257 081846	-69	9.3	75	11.5	1								
257 081851	-63	9.3	75	11.5	1								
257 081855	-57	9.3	75	11.5	1								
257 081859	-51	9.3	75	11.5	1								
257 081904	-45	9.3	75	11.5	1								

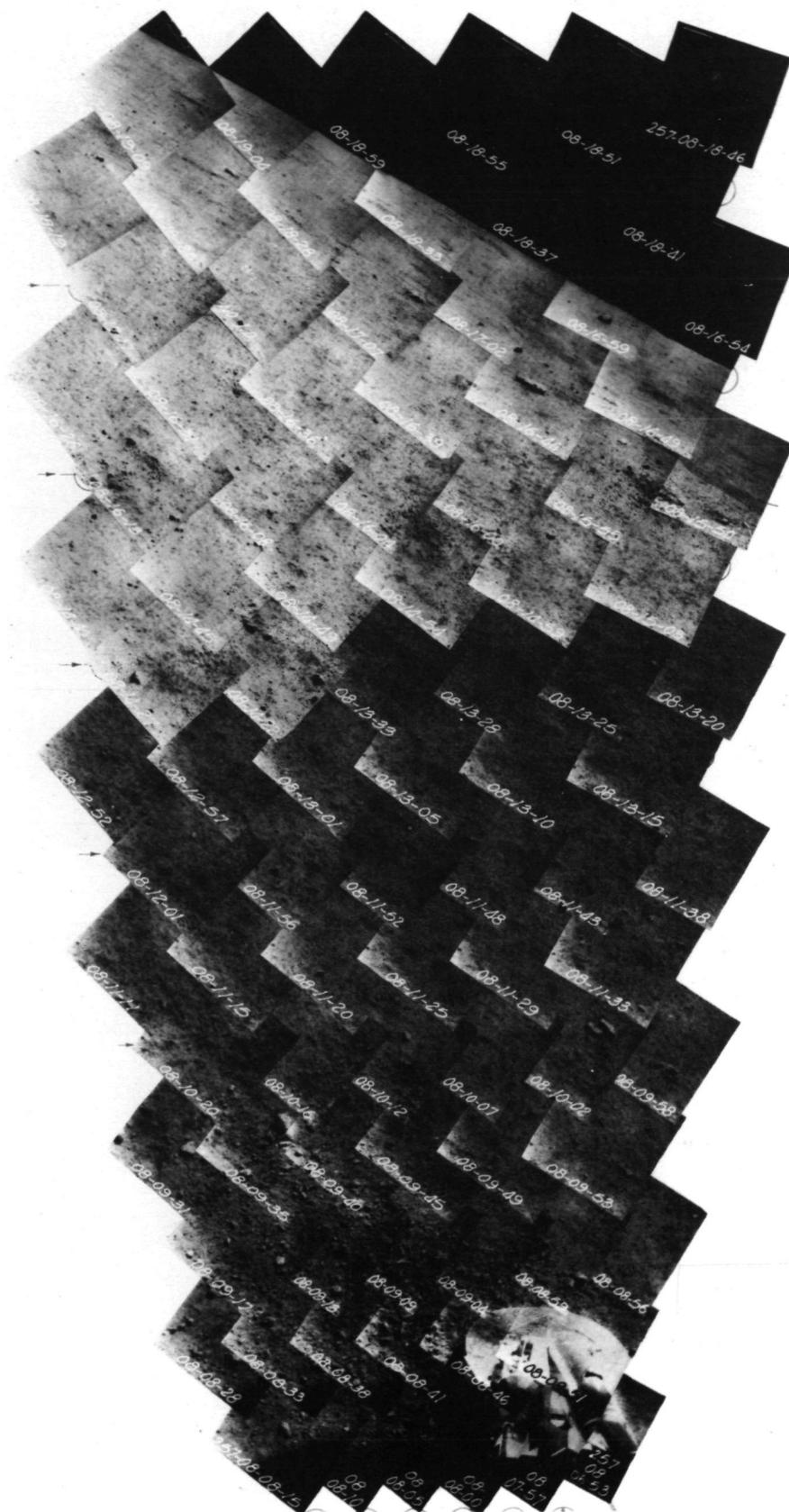


Figure 100.—Day 257, survey C, sectors 9 and 10. (USGS 868-220)

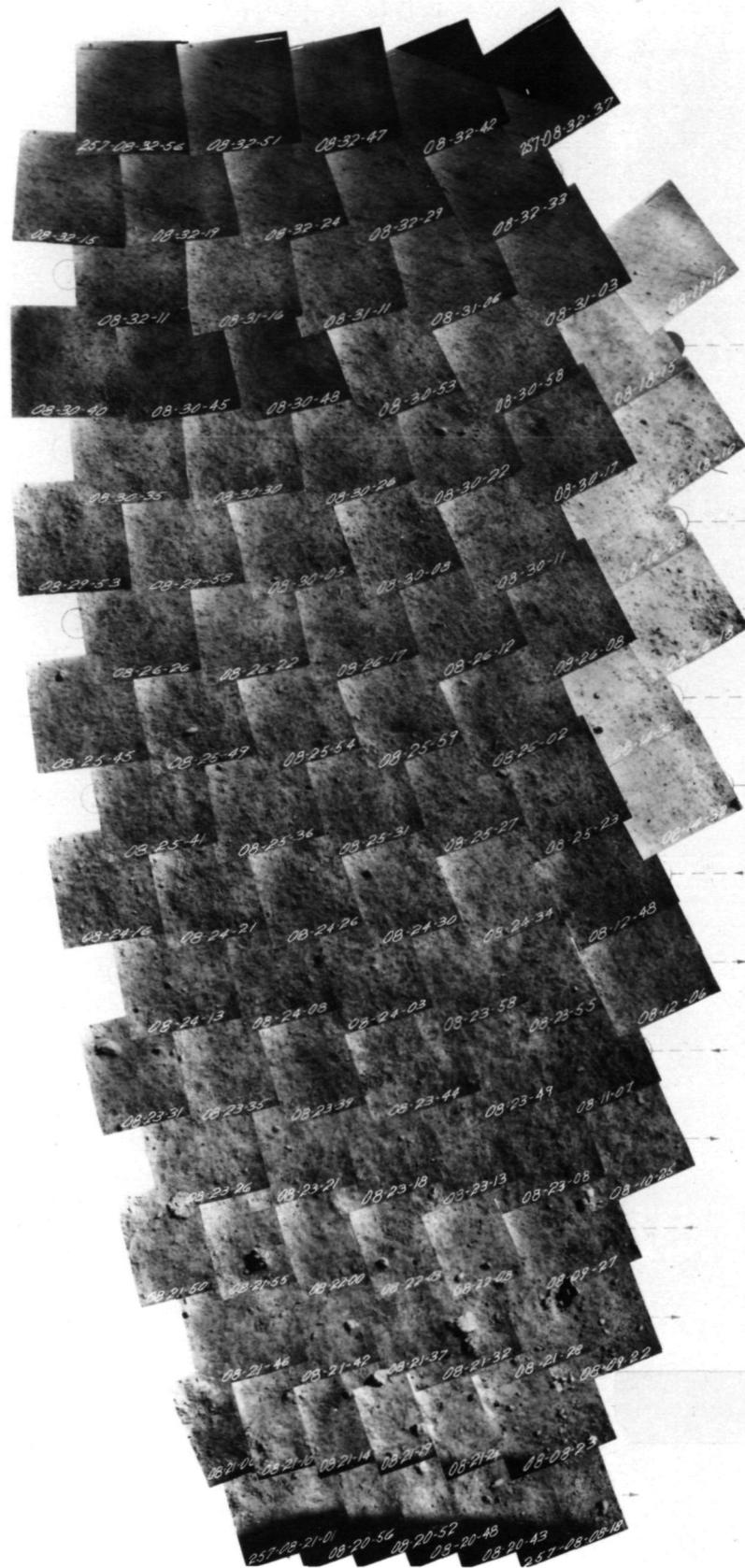


Figure 101.—Day 257, survey C, sectors 11 and 12. (USGS 868-211)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
257 071428	39	-60.1	1.67	17.7	1	
257 071433	45	-60.1	1.67	17.7	1	
257 071438	51	-60.1	1.67	17.7	1	
257 071442	57	-60.1	1.67	17.7	1	
257 072500	63	-60.1	1.67	16.4	1	
257 071446	60	-55.2	1.73	17.7	1	
257 071451	54	-55.2	1.73	17.7	1	
257 071456	48	-55.2	1.73	17.7	1	
257 071459	42	-55.2	1.73	17.7	1	
257 071514	39	-50.2	1.79	17.7	1	
257 071519	45	-50.2	1.73	17.7	1	
257 071539	51	-50.2	1.73	23.7	1	
257 071544	57	-50.2	1.73	23.6	1	
257 071548	60	-45.3	1.73	23.6	1	
257 071552	54	-45.3	1.73	23.6	1	
257 071557	48	-45.3	1.79	23.7	1	
257 071602	42	-45.3	1.79	23.7	1	
257 071615	39	-40.3	1.87	23.7	1	
257 071620	45	-40.3	1.87	23.7	1	
257 071624	51	-40.3	1.87	23.6	1	
257 071629	57	-40.3	1.79	23.6	1	
257 071633	60	-35.3	1.94	23.6	1	
257 071637	54	-35.3	1.94	23.7	1	
257 071642	48	-35.3	1.94	23.7	1	
257 071647	42	-35.3	1.94	23.6	1	
257 071725	39	-30.3	1.94	23.6	1	
257 071730	45	-30.3	1.94	23.6	1	
257 071734	51	-30.3	1.94	23.6	1	
257 071738	57	-30.3	1.94	23.5	1	
257 071743	60	-25.3	2.03	23.6	1	
257 071748	54	-25.3	2.03	23.7	1	
257 071753	48	-25.3	2.03	23.7	1	
257 071756	42	-25.3	2.1	23.6	1	
257 071830	39	-20.3	2.2	16.5	1	
257 071833	45	-20.3	2.2	16.4	1	
257 071838	51	-20.3	2.2	16.5	1	
257 071843	57	-20.3	2.2	16.5	1	
257 071848	60	-15.3	2.5	16.5	1	
257 071851	54	-15.3	2.5	16.5	1	
257 071856	48	-15.3	2.5	16.5	1	
257 071901	42	-15.3	2.5	16.5	1	
257 071938	39	-10.5	2.3	16.5	1	
257 071942	45	-10.5	2.3	16.5	1	
257 071946	51	-10.5	2.3	16.5	1	
257 071951	57	-10.5	2.3	16.5	1	
257 071956	60	-5.6	2.6	16.5	1	
257 072000	54	-5.6	2.6	16.5	1	
257 072004	48	-5.6	2.6	16.5	1	
257 072009	42	-5.6	2.6	16.4	1	
257 072045	39	-0.7	2.7	16.5	1	
257 072049	45	-0.7	2.7	16.5	1	
257 072054	51	-0.7	2.7	16.5	1	
257 072059	57	-0.7	2.7	16.5	1	
257 072103	60	4.3	3.1	16.5	1	
257 072107	54	4.3	3.1	16.4	1	
257 072112	48	4.3	3.1	16.5	1	
257 072117	42	4.3	3.1	16.4	1	
257 072153	39	9.3	3.5	16.4	1	
257 072158	45	9.3	3.3	16.5	1	
257 072201	51	9.3	3.3	16.5	1	
257 072206	57	9.3	3.3	16.5	1	
257 072212	60	14.4	4.5	16.5	1	
257 072215	54	14.4	196	5.1	1	
257 072220	48	14.4	4.5	16.5	1	
257 072225	42	14.4	4.5	16.4	1	
257 072238	39	19.4	4.5	16.5	1	
257 072243	45	19.4	4.5	16.5	1	
257 072248	51	19.4	4.5	16.5	1	
257 072252	57	19.4	4.5	16.4	1	
257 072343	60	24.3	75	16.5	1	
257 072346	54	24.3	75	16.4	1	
257 072351	48	24.3	75	16.5	1	
257 072356	42	24.3	75	16.5	1	
257 072409	39	29.2	75	16.5	1	
257 072414	45	29.2	75	16.5	1	
257 072418	51	29.2	75	16.5	1	
257 072422	57	29.2	75	16.5	1	

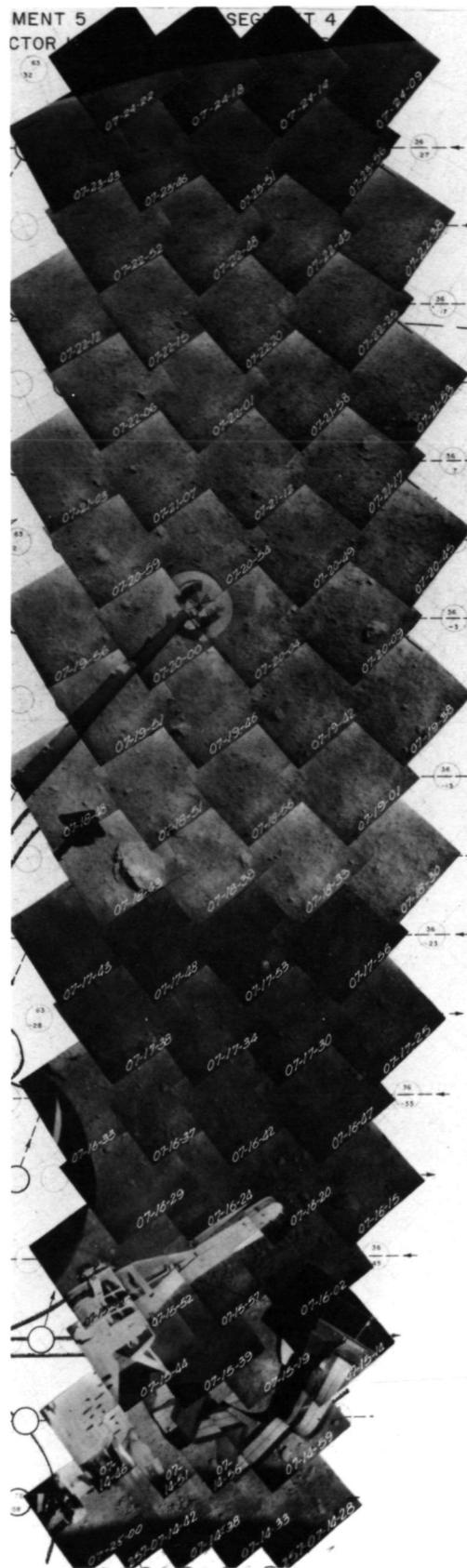


Figure 103.—Day 257, survey C, sector 15. (USGS 868-206)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
258 082447	-138	-65.1	2.3	17.7	1	NOT SHOWN
258 082657	-141	-65.1	2.3	17.8	1	
258 082841	-141	-65.1	2.1	17.7	1	DUPLICATE
258 082931	-135	-65.1	2.1	17.8	1	
258 082934	-129	-65.1	2.1	17.8	1	
258 082939	-123	-65.1	2.1	11.5	1	
258 082944	-117	-65.1	2.1	17.8	1	
258 082948	-111	-65.1	2.1	17.8	1	
258 082952	-108	-60.1	2.2	17.8	1	
258 082957	-114	-60.1	2.2	17.7	1	
258 083002	-120	-60.1	2.2	17.8	1	
258 083006	-126	-60.1	2.2	17.8	1	
258 083010	-132	-60.1	2.2	11.5	1	
258 083015	-138	-60.1	2.2	17.7	1	
258 083020	-141	-55.2	2.5	17.8	5	
258 083024	-135	-55.2	196	17.7	1	
258 083028	-129	-55.2	2.5	17.7	1	
258 083033	-123	-55.2	2.5	17.9	1	
258 083038	-117	-55.2	2.5	17.7	1	
258 083042	-111	-55.2	2.5	17.7	1	
258 083046	-108	-50.2	2.7	17.8	1	
258 083051	-114	-50.2	2.9	17.8	1	
258 083056	-120	-50.2	2.9	17.8	1	
258 083100	-126	-50.2	2.9	17.7	1	
258 083104	-132	-50.2	2.9	17.8	1	
258 083109	-138	-50.2	2.9	17.7	1	
258 083200	-141	-45.3	3.8	17.8	1	
258 083205	-135	-45.3	3.8	17.8	1	
258 083210	-129	-45.3	3.8	11.5	1	
258 083213	-123	-45.3	3.8	17.8	1	
258 083218	-117	-45.3	3.8	17.9	1	
258 083223	-111	-45.3	3.8	17.8	1	
258 083228	-108	-40.3	4.5	17.7	1	
258 083232	-114	-40.3	4.5	17.8	1	
258 083236	-120	-40.3	4.9	17.7	1	
258 083241	-126	-40.3	4.9	17.8	1	
258 083246	-132	-40.3	4.5	17.8	1	
258 083250	-138	-40.3	4.5	17.8	1	
258 083255	-141	-35.3	6.2	17.8	1	
258 083259	-135	-35.3	6.2	17.8	1	
258 083304	-129	-35.3	6.2	11.5	1	
258 083308	-123	-35.3	6.2	17.8	1	
258 083313	-117	-35.3	6.2	17.8	1	
258 083318	-111	-35.3	6.2	17.8	1	
258 083322	-108	-30.3	8.6	17.8	1	
258 083326	-114	-30.3	8.6	17.8	1	
258 083331	-120	-30.3	10.5	17.9	1	
258 083336	-126	-30.3	10.5	17.8	1	
258 083340	-132	-30.3	8.6	17.7	1	
258 083344	-138	-30.3	8.6	17.8	1	
258 083442	-141	-25.3	75	17.8	1	
258 083447	-135	-25.3	75	17.7	1	
258 083451	-129	-25.3	75	17.8	1	
258 083456	-123	-25.3	75	17.8	1	
258 083501	-117	-25.3	75	17.8	1	
258 083505	-111	-25.3	75	17.8	1	
258 083511	-108	-20.3	75	17.8	1	
258 083550	-114	-20.3	75	17.8	1	
258 083555	-120	-20.3	75	17.8	1	
258 083558	-126	-20.3	75	17.8	1	
258 083603	-132	-20.3	75	17.8	1	
258 083608	-138	-20.3	13.5	11.5	1	
258 083613	-141	-15.3	13.5	11.5	1	
258 083616	-135	-15.3	75	17.8	1	
258 083621	-129	-15.3	75	17.9	1	
258 083626	-123	-15.3	75	17.8	1	
258 083631	-117	-15.3	75	17.8	1	
258 083634	-111	-15.3	75	17.8	1	
258 083639	-108	-10.5	75	17.8	1	
258 083644	-114	-10.5	75	17.8	1	
258 083649	-120	-10.5	75	17.8	1	
258 083652	-126	-10.5	75	17.7	1	
258 083657	-132	-10.5	75	17.8	1	
258 083702	-138	-10.5	75	17.8	1	
258 083707	-141	-5.6	75	17.8	1	
258 083711	-135	-5.6	75	17.8	1	
258 083715	-129	-5.6	75	17.7	1	
258 083720	-123	-5.6	75	17.8	1	
258 083725	-117	-5.6	75	17.7	1	
258 083729	-111	-5.6	75	17.8	1	

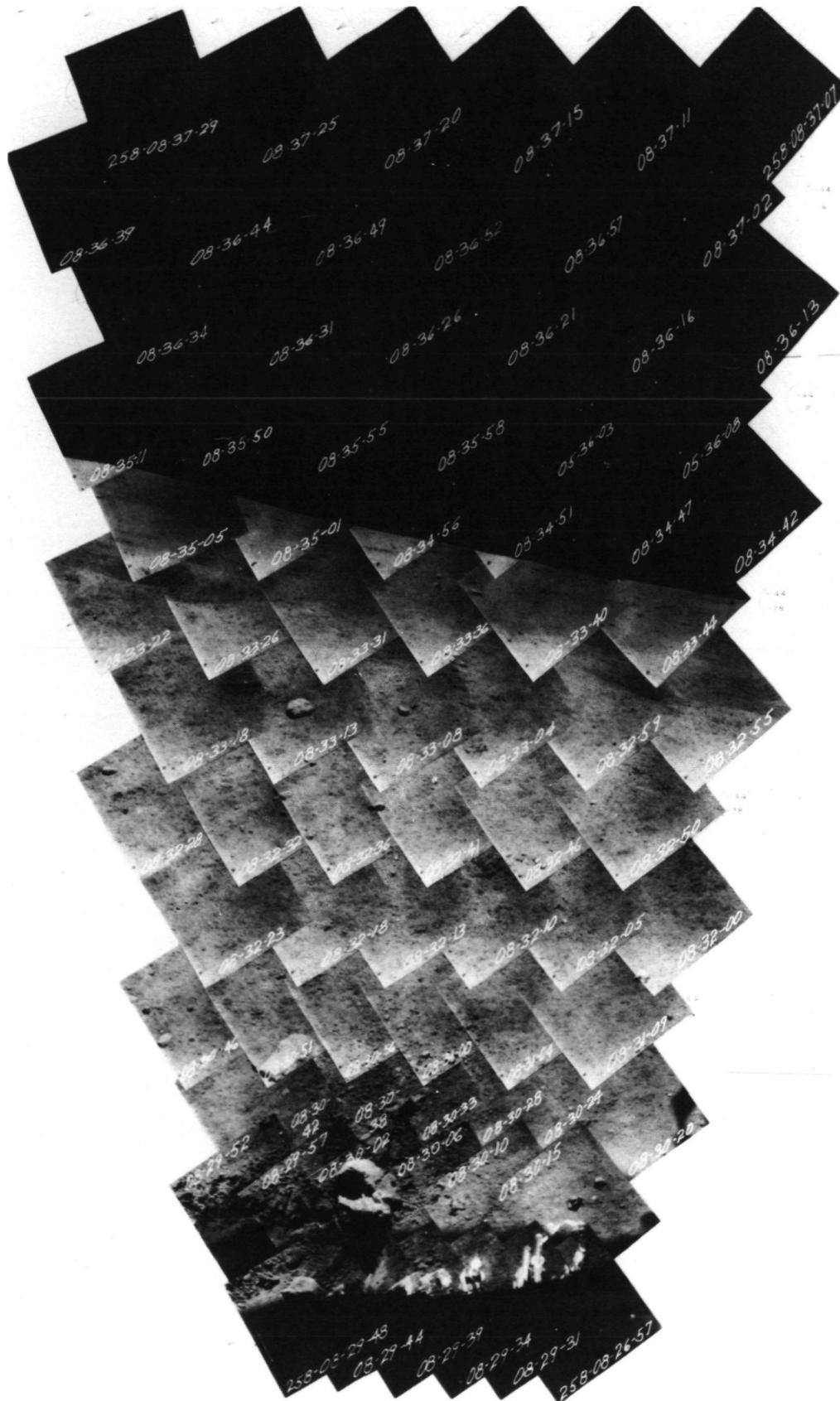


Figure 104.—Day 258, survey D, sectors 5 and 6. (USGS 868-230)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
258 083757	-105	-65.1	2.2	17.8	1	
258 083847	-105	-65.1	2.1	17.8	1	DUPLICATE
258 083851	-99	-65.1	2.03	17.8	1	
258 083856	-93	-65.1	2.03	17.8	1	
258 083900	-87	-65.1	2.03	17.7	1	
258 083905	-81	-65.1	2.03	17.8	1	
258 083910	-75	-65.1	1.94	17.8	1	
258 084737	-69	-65.1	2.03	17.7	1	NOT SHOWN
258 083914	-72	-60.1	2.1	17.8	1	
258 083918	-78	-60.1	2.1	17.7	1	
258 083923	-84	-60.1	2.2	17.8	1	
258 083928	-90	-60.1	2.2	17.8	1	
258 083932	-96	-60.1	2.2	17.9	1	
258 083936	-102	-60.1	2.2	17.8	1	
258 083941	-105	-55.2	2.5	17.7	1	
258 083946	-99	-55.2	2.5	17.8	1	
258 083949	-93	-55.2	2.5	17.8	1	
258 083954	-87	-55.2	2.5	17.8	1	
258 083959	-81	-55.2	2.3	17.8	1	
258 084004	-75	-55.2	2.3	17.7	1	
258 084007	-72	-50.2	2.6	17.8	1	
258 084012	-78	-50.2	2.6	17.7	1	
258 084017	-84	-50.2	2.6	17.8	1	
258 084022	-90	-50.2	2.7	17.8	1	
258 084025	-96	-50.2	2.7	17.8	1	
258 084030	-102	-50.2	2.7	11.5	1	
258 084114	-105	-45.3	2.9	17.8	1	
258 084119	-99	-45.3	2.7	25.4	1	
258 084124	-93	-45.3	2.7	17.7	1	
258 084129	-87	-45.3	2.7	25.4	1	
258 084132	-81	-45.3	2.6	17.7	1	
258 084137	-75	-45.3	2.6	17.8	1	
258 084142	-72	-40.3	2.9	17.8	1	
258 084147	-78	-40.3	2.9	17.9	1	
258 084150	-84	-40.3	3.1	17.8	1	
258 084155	-90	-40.3	3.1	17.8	1	
258 084200	-96	-40.3	3.3	17.8	1	
258 084205	-102	-40.3	3.3	17.8	1	
258 084209	-105	-35.3	4.1	17.8	1	
258 084214	-99	-35.3	3.8	17.8	1	
258 084218	-93	-35.3	3.8	17.8	1	
258 084223	-87	-35.3	3.8	17.8	1	
258 084227	-81	-35.3	3.5	17.8	1	
258 084232	-75	-35.3	3.5	17.8	1	
258 084236	-72	-30.3	4.1	17.9	1	
258 084241	-78	-30.3	4.1	17.9	1	
258 084245	-84	-30.3	4.5	17.8	1	
258 084250	-90	-30.3	4.5	17.8	1	
258 084254	-96	-30.3	4.9	17.8	1	
258 084259	-102	-30.3	4.9	17.7	1	
258 084340	-105	-25.3	6.2	17.7	1	
258 084345	-99	-25.3	5.5	17.8	1	
258 084349	-93	-25.3	5.5	17.8	1	
258 084354	-87	-25.3	4.9	17.9	1	
258 084358	-81	-25.3	4.9	11.5	1	
258 084403	-75	-25.3	4.5	25.4	1	
258 084408	-72	-20.3	6.2	17.8	1	
258 084413	-78	-20.3	6.2	17.7	1	
258 084416	-84	-20.3	7.2	17.9	1	
258 084421	-90	-20.3	8.6	17.9	1	
258 084426	-96	-20.3	13.5	17.8	1	
258 084431	-102	-20.3	13.5	17.8	1	
258 084434	-105	-15.3	13.5	17.8	1	
258 084557	-99	-15.3	75	17.8	1	
258 084602	-93	-15.3	75	17.8	1	
258 084605	-87	-15.3	75	25.4	1	
258 084610	-81	-15.3	75	17.7	1	
258 084615	-75	-15.3	75	17.8	1	
258 084620	-72	-10.5	75	17.7	1	
258 084623	-78	-10.5	75	17.7	1	
258 084628	-84	-10.5	75	17.8	1	
258 084633	-90	-10.5	75	25.4	3	
258 084638	-96	-10.5	75	17.8	1	
258 084641	-102	-10.5	75	17.8	1	
258 084646	-105	-5.6	75	17.8	1	
258 084651	-99	-5.6	75	17.8	1	
258 084656	-93	-5.6	75	17.8	1	
258 084700	-87	-5.6	75	17.8	1	
258 084704	-81	-5.6	75	17.8	1	
258 084709	-75	-5.6	75	17.8	1	

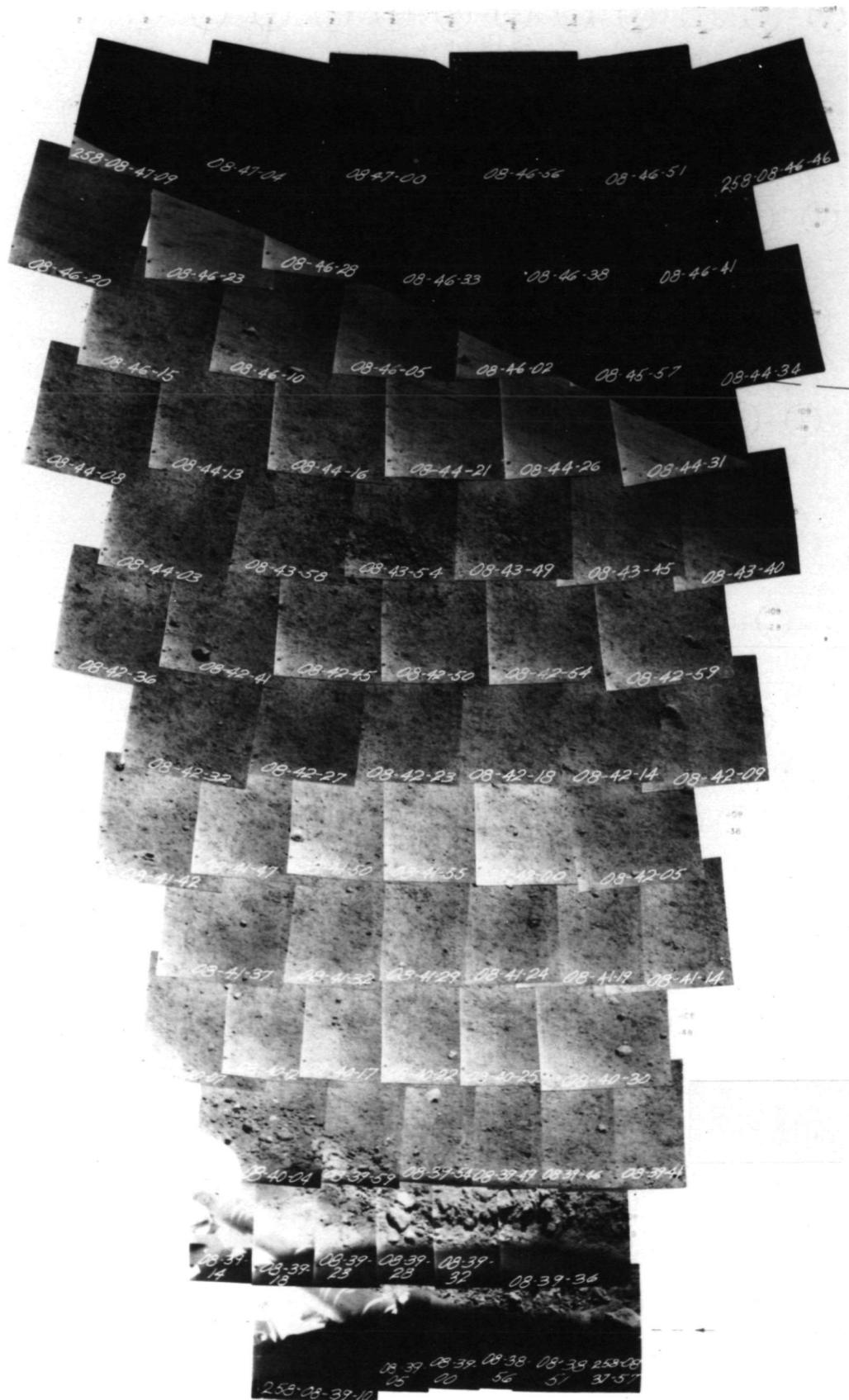


Figure 105.—Day 258, survey D, sectors 7 and 8. (USGS 868-229)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
258 093500	63	-65.1	1.73	23.6	1	
258 093553	69	-65.1	1.73	23.6	1	
258 093633	72	-60.1	1.79	23.6	1	
258 093638	66	-60.1	1.79	23.6	1	
258 093643	63	-55.2	1.79	23.6	1	
258 093646	69	-55.2	1.79	23.6	1	
258 093727	72	-50.2	1.87	23.8	1	
258 093732	66	-50.2	1.87	23.6	1	
258 093737	63	-45.3	1.94	23.6	1	
258 093740	69	-45.3	1.94	23.6	1	
258 093821	72	-40.3	2.1	23.6	1	
258 093826	66	-40.3	2.03	23.3	1	
258 093832	63	-35.3	2.2	23.5	1	
258 093837	69	-35.3	2.2	23.6	1	
258 093918	72	-30.3	2.5	23.6	1	
258 093922	66	-30.3	2.5	20.6	1	
258 093926	63	-25.3	2.7	23.6	1	
258 093931	69	-25.3	2.7	23.7	1	
258 094012	72	-20.3	3.1	23.6	1	
258 094016	66	-20.3	3.1	23.6	1	
258 094021	63	-15.3	3.5	23.6	1	
258 094025	69	-15.3	3.5	23.6	1	
258 094106	72	-10.5	4.5	23.6	1	
258 094110	66	-10.5	4.5	23.6	1	
258 094116	63	-5.6	5.5	23.6	1	
258 094120	69	-5.6	5.5	23.6	1	
258 094201	72	-0.7	8.6	23.6	1	
258 094206	66	-0.7	8.6	23.6	1	
258 094210	63	4.3	13.5	23.6	1	
258 094214	69	4.3	13.5	23.6	1	
258 094256	72	9.3	75	23.6	5	
258 094259	66	9.3	75	23.6	1	
258 094304	63	14.4	75	23.6	1	
258 094309	69	14.4	75	23.6	1	
258 094350	72	19.4	75	23.6	1	
258 094353	66	19.4	75	23.6	1	
258 094358	63	24.3	75	23.6	1	
258 094403	69	24.3	75	23.6	1	

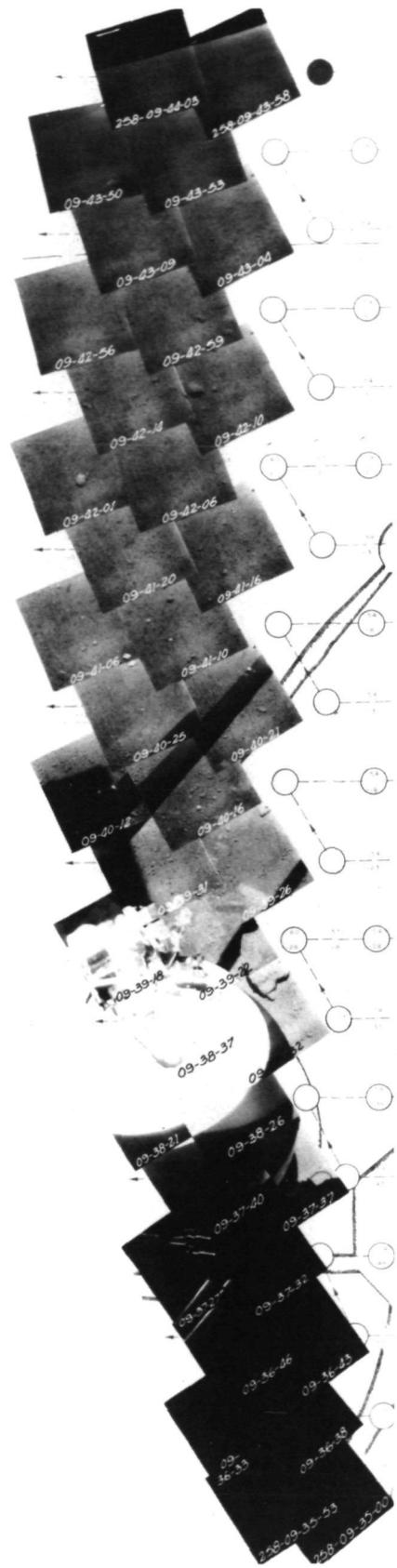


Figure 106.—Day 258, survey D, sector 16. (USGS 868-231)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
258 094513	111	-65.1	1.79	23.6	1	
258 094517	117	-65.1	1.73	25.4	1	
258 094521	123	-65.1	1.79	23.6	1	
258 095227	129	-65.1	1.67	23.6	1	NOT SHOWN
258 094526	126	-60.1	1.87	23.6	1	
258 094531	120	-60.1	1.79	23.6	1	
258 094535	114	-60.1	1.79	23.6	1	
258 094557	111	-55.2	1.87	23.6	1	
258 094602	117	-55.2	1.87	23.6	1	
258 094607	123	-55.2	1.94	23.6	1	
258 094611	126	-50.2	2.03	23.6	1	
258 094615	120	-50.2	2.03	23.6	1	
258 094620	114	-50.2	1.94	23.6	1	
258 094643	111	-45.3	2.03	23.6	1	
258 094647	117	-45.3	2.1	23.6	1	
258 094651	123	-45.3	2.2	23.6	1	
258 094656	126	-40.3	2.5	23.6	1	
258 094701	120	-40.3	2.3	23.6	1	
258 094705	114	-40.3	2.2	23.6	1	
258 094729	111	-35.3	2.5	23.6	1	
258 094733	117	-35.3	2.5	23.6	1	
258 094738	123	-35.3	2.6	23.6	1	
258 094742	126	-30.3	2.9	23.6	1	
258 094747	120	-30.3	2.9	23.6	5	
258 094751	114	-30.3	2.7	23.6	1	
258 094814	111	-25.3	3.1	23.6	1	
258 094818	117	-25.3	3.3	23.6	1	
258 094823	123	-25.3	3.3	23.6	1	
258 094828	126	-20.3	4.1	23.4	1	
258 094833	120	-20.3	3.8	23.6	1	
258 094836	114	-20.3	3.8	23.6	1	
258 094859	111	-15.3	4.5	23.6	1	
258 094904	117	-15.3	4.5	23.6	1	
258 094909	123	-15.3	4.9	23.6	1	
258 094916	126	-10.5	7.2	23.6	1	
258 094919	120	-10.5	6.2	23.6	1	
258 094924	114	-10.5	5.5	23.6	1	
258 094947	111	-5.6	8.6	23.5	1	
258 094952	117	-5.6	8.6	23.6	1	
258 094955	123	-5.6	10.5	23.6	1	
258 095001	126	-0.7	75	23.6	1	
258 095006	120	-0.7	29	23.9	1	
258 095011	114	-0.7	13.5	23.6	1	
258 095034	111	4.3	75	23.6	1	
258 095039	117	4.3	75	23.6	1	
258 095043	123	4.3	75	23.6	1	
258 095047	126	9.3	75	23.6	1	
258 095052	120	9.3	75	23.6	1	
258 095057	114	9.3	75	23.6	1	
258 095119	111	14.4	75	23.6	1	
258 095123	117	14.4	75	23.6	1	
258 095128	123	14.4	75	23.6	1	
258 095253	63	-65.1	1.79	23.6	1	NOT SHOWN
258 095322	0	-60.1	2.1	23.6	1	NOT SHOWN
258 095408	-60	-60.1	2.1	16.5	1	NOT SHOWN



Figure 108.—Day 258, survey D, sector 19. (USGS 868-226)

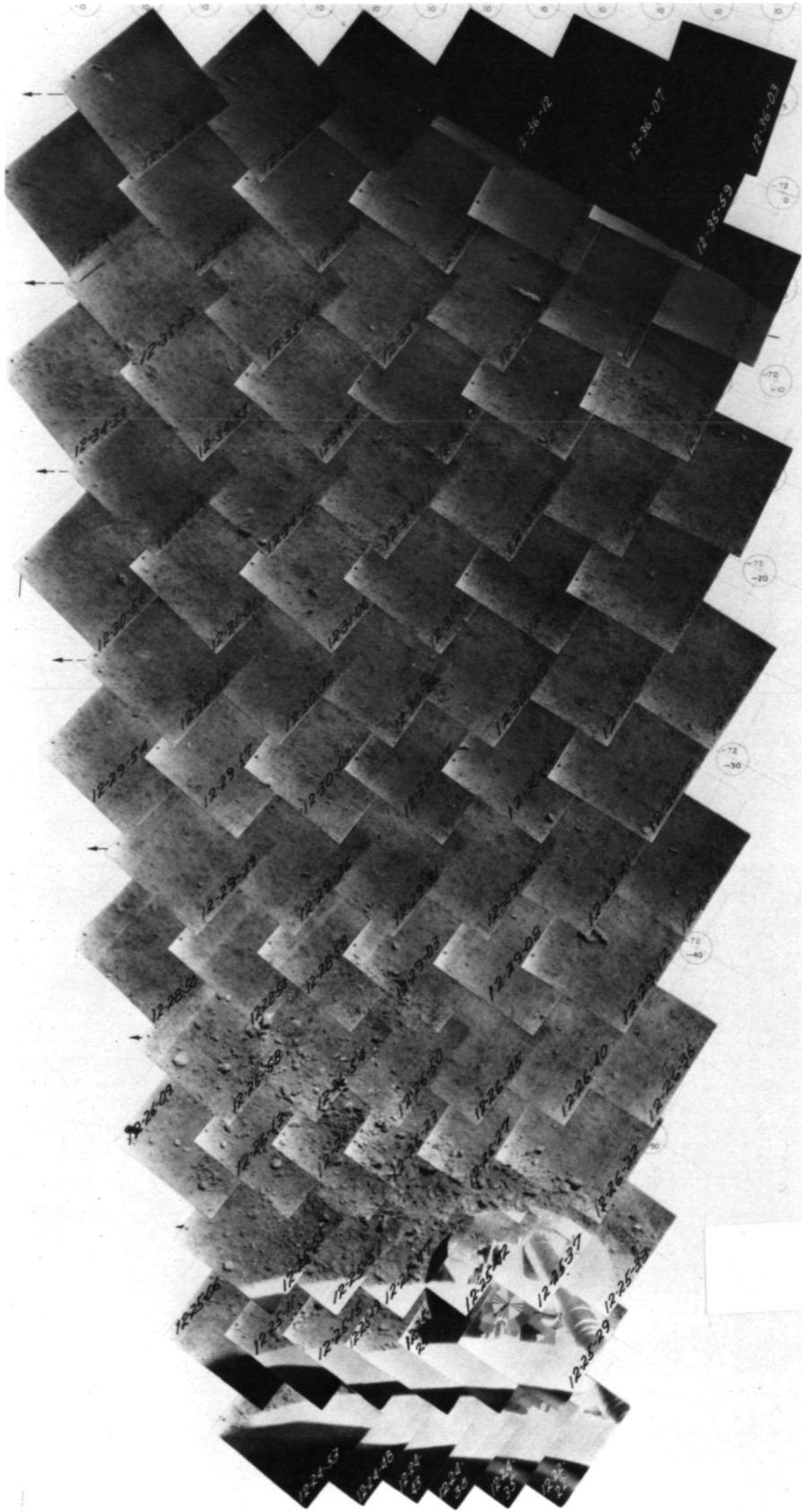


Figure 109.—Day 259, survey E, sectors 9 and 10. (USGS 868-208)

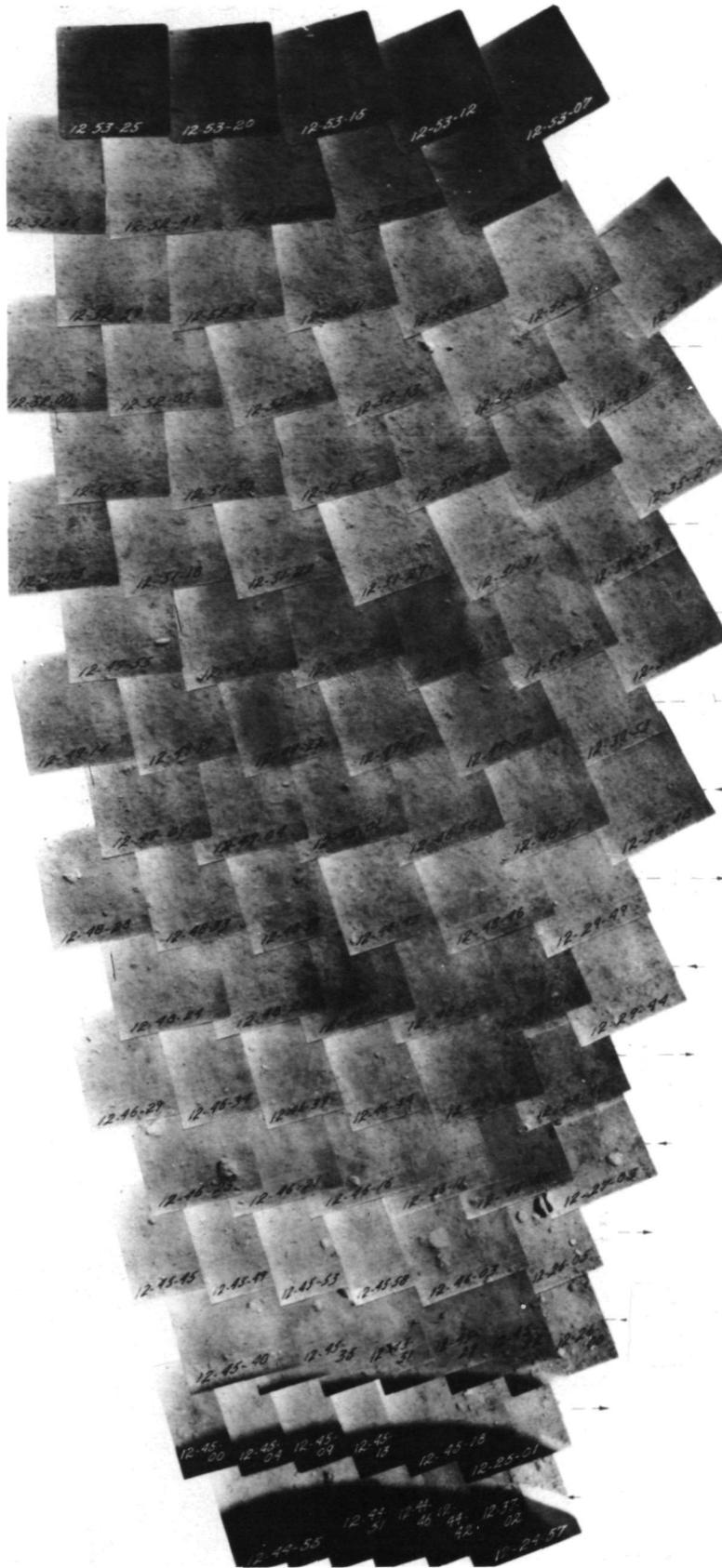


Figure 110.—Day 259, survey E, sectors 11 and 12. (USGS 868-210)

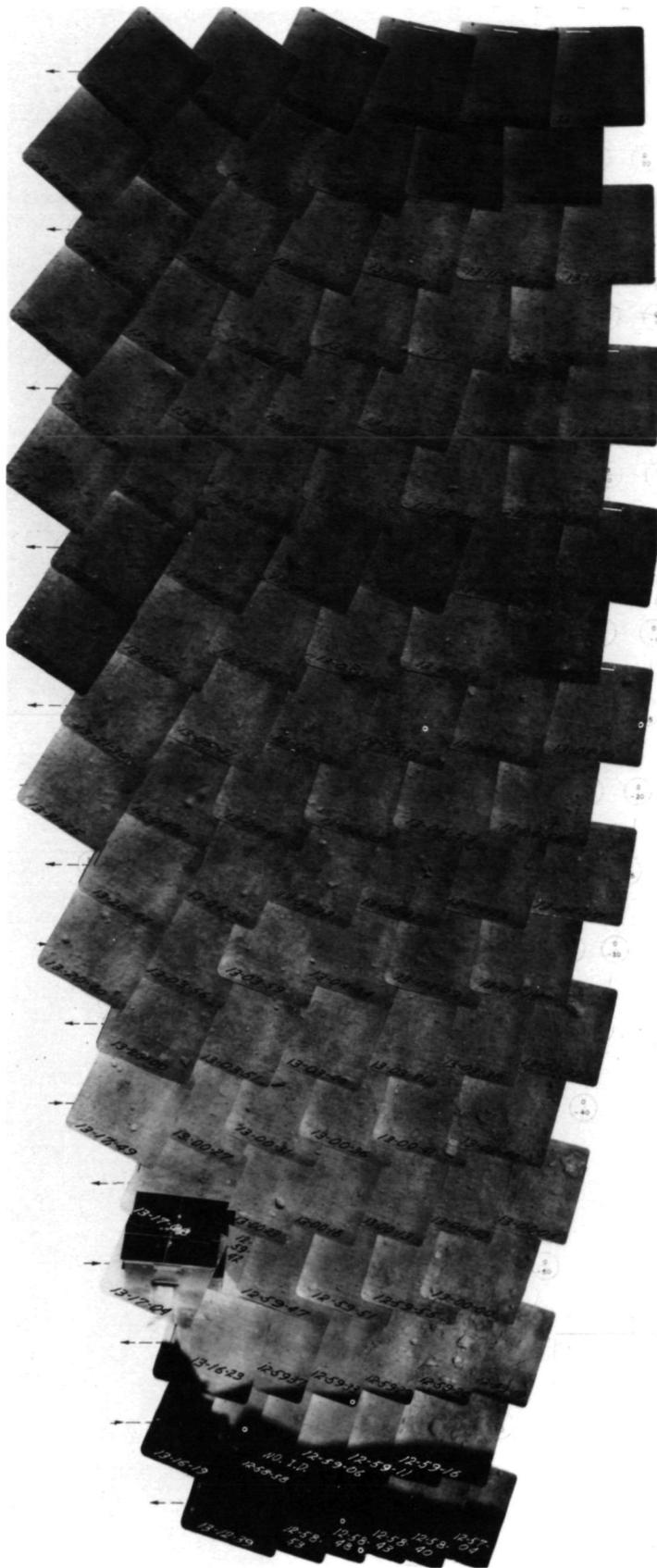


Figure 111.—Day 259, survey E, sectors 13 and 14. (USGS 868-214)

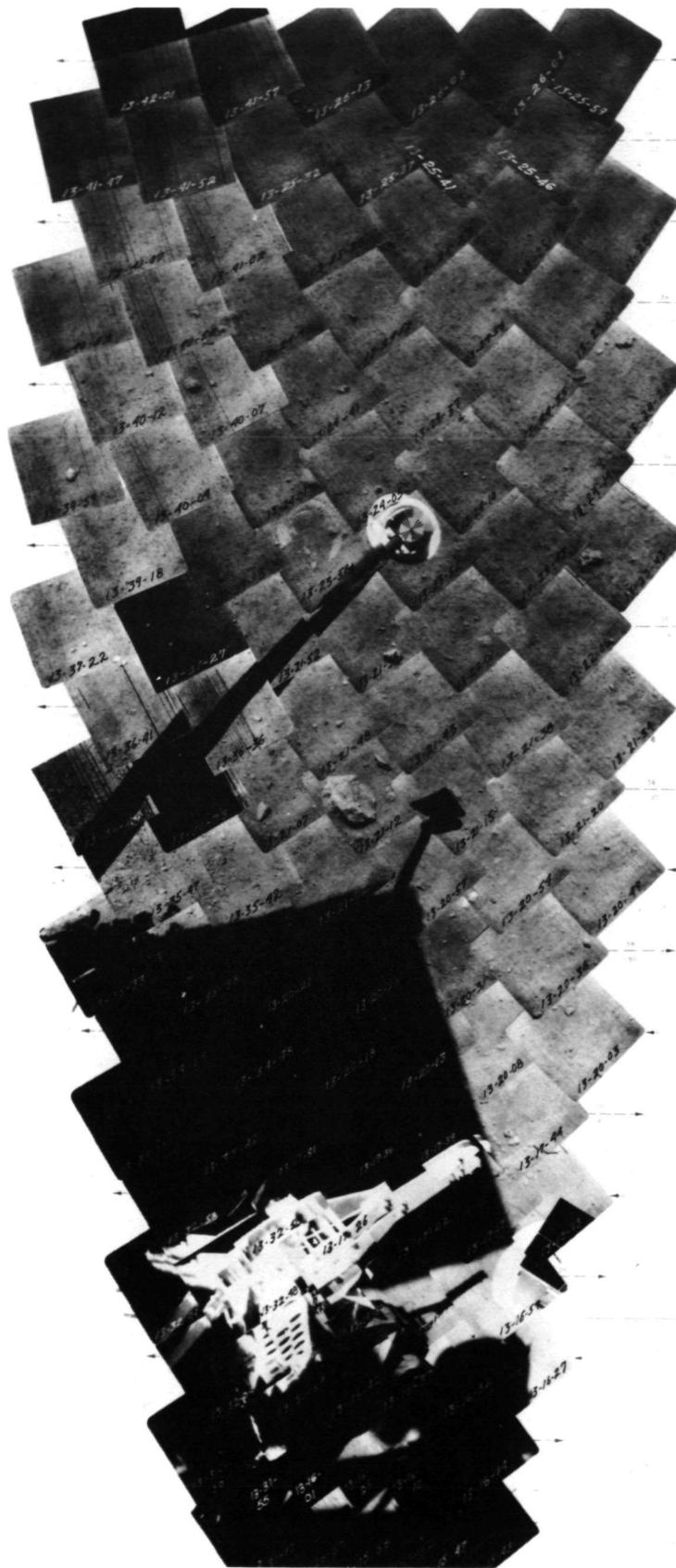


Figure 112.—Day 259, survey E, sectors 15 and 16. (USGS 868-223)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
259 134513	111	-65.1	1.87	16.0	1	
259 134520	117	-65.1	1.87	16.0	1	
259 134525	123	-65.1	1.94	16.0	1	
259 134530	126	-60.1	2.03	16.0	1	
259 134533	120	-60.1	1.94	16.0	1	
259 134538	114	-60.1	1.94	16.0	1	
259 134601	111	-55.2	2.03	16.0	1	
259 134606	117	-55.2	2.03	16.0	1	
259 134609	123	-55.2	2.1	16.0	1	
259 134614	126	-50.2	2.2	16.0	1	
259 134619	120	-50.2	2.2	16.0	1	
259 134624	114	-50.2	2.1	16.0	1	
259 134646	111	-45.3	2.2	16.0	1	
259 134650	117	-45.3	2.3	16.0	1	
259 134655	123	-45.3	2.5	16.0	1	
259 134659	126	-40.3	2.7	16.0	1	
259 134703	120	-40.3	2.6	16.0	1	
259 134708	114	-40.3	2.5	16.0	1	
259 134733	111	-35.3	2.7	16.0	1	
259 134737	117	-35.3	2.7	16.0	1	
259 134742	123	-35.3	2.9	16.0	1	
259 134747	126	-30.3	3.1	16.0	1	
259 134750	120	-30.3	3.3	16.0	1	
259 134755	114	-30.3	3.1	16.0	1	
259 134819	111	-25.3	3.5	16.0	1	
259 134822	117	-25.3	3.8	16.0	1	
259 134826	123	-25.3	3.8	16.0	1	
259 134831	126	-20.3	4.9	16.0	1	
259 134836	120	-20.3	4.5	16.0	1	
259 134840	114	-20.3	4.5	16.0	1	

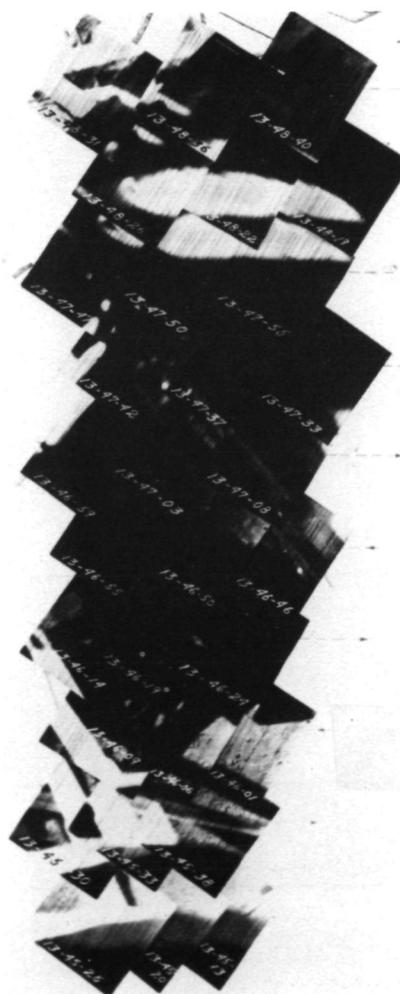


Figure 114.—Day 259, survey E, sector 19. (USGS 868-226)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
263 072241	-213	-35.3	3.3	17.6	1	DUPLICATE
263 072358	-213	-35.3	3.3	13.6	1	DUPLICATE
263 072533	-213	-35.3	3.3	13.6	1	
263 072633	-207	-35.3	3.5	13.6	1	
263 072637	-201	-35.3	3.5	13.6	1	
263 072642	-195	-35.3	3.8	13.5	1	
263 072647	-189	-35.3	4.1	13.6	1	
263 072651	-183	-35.3	4.5	13.5	1	
263 072655	-180	-30.3	5.5	13.6	1	DUPLICATE
263 072745	-180	-30.3	18	13.6	1	
263 072830	-186	-30.3	18	13.6	1	
263 072834	-192	-30.3	13.5	13.6	1	
263 072839	-198	-30.3	10.5	13.6	1	
263 072844	-204	-30.3	8.6	13.6	1	
263 072848	-210	-30.3	8.6	13.6	1	
263 072852	-213	-25.3	13.5	13.6	1	
263 072857	-207	-25.3	10.5	13.5	1	
263 072902	-201	-25.3	18	13.6	1	
263 072906	-195	-25.3	18	13.5	1	
263 072910	-189	-25.3	75	13.6	1	
263 072915	-183	-25.3	75	13.6	1	
263 072920	-180	-20.3	75	13.6	1	
263 072923	-186	-20.3	75	13.6	1	
263 072928	-192	-20.3	10.5	13.6	1	
263 072933	-198	-20.3	29	13.6	1	
263 072938	-204	-20.3	18	13.6	1	
263 072941	-210	-20.3	13.5	13.6	1	
263 072950	-213	-15.3	29	13.6	1	
263 072953	-207	-15.3	75	13.6	1	
263 072958	-201	-15.3	75	13.6	1	
263 073003	-195	-15.3	75	13.6	1	
263 073008	-189	-15.3	75	13.6	1	
263 073012	-183	-15.3	75	13.6	1	



Figure 115.—Day 263, survey F, sectors 1 and 2. (USGS 868-253)

ATLAS OF SURVEYOR 5 TELEVISION DATA

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
263 073352	-177	-65.1	1.79	13.6	1		263 073649	-159	-45.3	2.7	13.6	1	
263 073447	-177	-65.1	1.79	13.6	1	DUPLICATE	263 073654	-153	-45.3	2.7	13.6	1	
263 073452	-171	-65.1	1.87	13.6	1		263 073659	-147	-45.3	2.9	13.6	1	
263 073457	-165	-65.1	1.87	13.6	1		263 073706	-144	-40.3	3.3	13.6	1	
263 073502	-159	-65.1	1.87	13.6	1		263 073710	-150	-40.3	3.3	13.6	1	
263 073505	-153	-65.1	1.87	13.6	1		263 073714	-156	-40.3	3.3	13.6	1	
263 073510	-147	-65.1	1.87	13.6	1		263 073719	-162	-40.3	3.1	13.6	1	
263 073515	-144	-60.1	2.03	13.6	1		263 073723	-168	-40.3	3.1	13.6	1	
263 073520	-150	-60.1	2.03	13.6	1		263 073728	-174	-40.3	2.9	13.6	1	
263 073523	-156	-60.1	2.03	13.6	1		263 073732	-177	-35.3	3.3	13.6	1	
263 073528	-162	-60.1	2.03	13.6	1		263 073737	-171	-35.3	3.5	13.6	1	
263 073533	-168	-60.1	1.94	13.6	1		263 073741	-165	-35.3	3.5	13.6	1	
263 073537	-174	-60.1	1.94	13.6	1		263 073746	-159	-35.3	3.8	13.6	1	
263 073542	-177	-55.2	2.1	13.6	1		263 073750	-153	-35.3	3.8	13.6	1	
263 073546	-171	-55.2	2.1	13.6	1		263 073755	-147	-35.3	4.1	13.6	1	
263 073551	-165	-55.2	2.1	13.6	1		263 073759	-144	-30.3	4.9	13.6	1	DUPLICATE
263 073555	-159	-55.2	2.2	13.6	1		263 073846	-144	-30.3	29	13.6	1	
263 073600	-153	-55.2	2.2	13.6	1		263 073911	-150	-30.3	29	13.6	1	
263 073604	-147	-55.2	2.2	13.6	1		263 073916	-156	-30.3	29	13.6	1	
263 073609	-144	-50.2	2.5	13.5	1		263 073921	-162	-30.3	18	13.6	1	
263 073613	-150	-50.2	2.5	13.6	1		263 073924	-168	-30.3	18	13.6	1	
263 073618	-156	-50.2	2.5	13.6	1		263 073929	-174	-30.3	13.5	13.6	1	
263 073623	-162	-50.2	2.3	13.6	1		263 073934	-177	-25.3	29	13.6	1	
263 073627	-168	-50.2	2.3	13.6	1		263 073938	-171	-25.3	75	13.6	1	
263 073631	-174	-50.2	2.3	13.6	1		263 073943	-165	-25.3	75	13.6	1	
263 073636	-177	-45.3	2.6	13.6	1		263 073947	-159	-25.3	75	13.6	1	
263 073641	-171	-45.3	2.6	13.6	1		263 073952	-153	-25.3	13.5	13.6	1	
263 073645	-165	-45.3	2.7	13.6	1		263 073956	-147	-25.3	75	13.6	1	

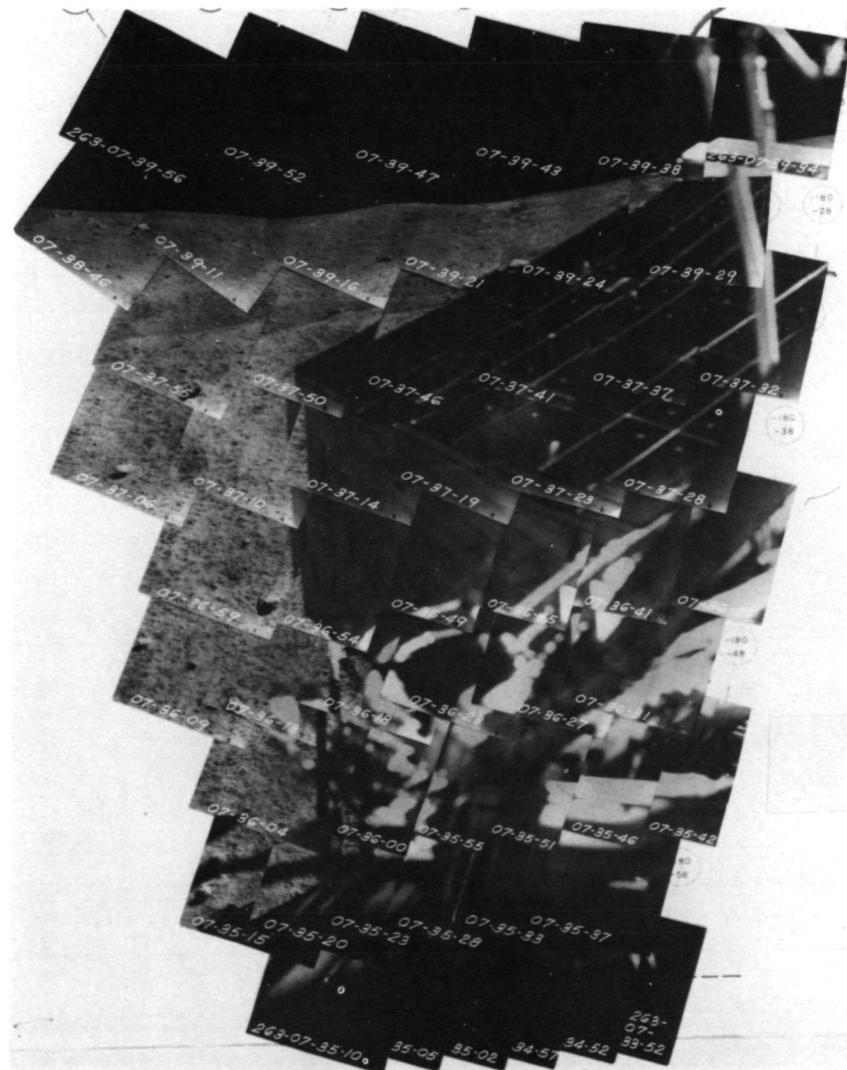


Figure 116.—Day 263, survey F, sectors 3 and 4. (USGS 868-286)

SURVEYOR 5 TELEVISION PICTURE DATA

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
263 074249	-141	-65.1	2.1	13.6	1	DUPLICATE	263 080903	-117	-45.3	3.3	13.7	1	
263 080609	-141	-65.1	2.1	13.6	1		263 080906	-111	-45.3	3.3	13.6	1	
263 080657	-135	-65.1	2.1	13.6	1		263 080911	-108	-40.3	3.8	13.6	1	
263 080702	-129	-65.1	2.1	13.6	1		263 080916	-114	-40.3	3.8	13.6	1	
263 080706	-123	-65.1	2.1	13.6	1		263 080921	-120	-40.3	4.1	13.6	1	
263 080711	-117	-65.1	2.1	13.6	1		263 080924	-126	-40.3	4.1	13.6	1	
263 080715	-111	-65.1	2.1	13.6	1		263 080929	-132	-40.3	3.8	13.6	1	
263 080720	-108	-60.1	2.2	13.6	1		263 080934	-138	-40.3	3.8	13.6	1	
263 080724	-114	-60.1	2.2	13.6	1		263 080939	-141	-35.3	4.9	13.6	1	
263 080729	-120	-60.1	2.2	13.6	1		263 080943	-135	-35.3	4.9	13.6	1	
263 080733	-126	-60.1	2.2	13.6	1		263 080947	-129	-35.3	4.9	13.6	1	
263 080738	-132	-60.1	2.2	13.6	1		263 081028	-129	-35.3	3.8	19.4	1	DUPLICATE
263 080742	-138	-60.1	2.2	13.6	1		263 081046	-123	-35.3	3.8	19.4	1	
263 080747	-141	-55.2	2.5	13.6	1		263 081050	-117	-35.3	3.8	19.4	1	
263 080751	-135	-55.2	2.5	13.6	1		263 081055	-111	-35.3	3.8	19.5	1	
263 080755	-129	-55.2	2.5	13.6	1		263 081059	-108	-30.3	4.5	19.5	1	
263 080800	-123	-55.2	2.5	13.6	1		263 081104	-114	-30.3	4.5	19.5	1	
263 080805	-117	-55.2	2.5	13.6	1		263 081108	-120	-30.3	4.9	19.5	1	
263 080810	-111	-55.2	2.5	13.6	1		263 081113	-126	-30.3	4.9	19.5	1	
263 080813	-108	-50.2	2.7	13.6	1		263 081117	-132	-30.3	4.5	19.5	1	
263 080818	-114	-50.2	2.9	13.6	1		263 081122	-138	-30.3	4.5	19.5	1	
263 080823	-120	-50.2	2.9	13.6	1		263 081128	-141	-25.3	6.2	19.4	1	
263 080828	-126	-50.2	2.9	13.6	1		263 081133	-135	-25.3	6.2	19.5	1	
263 080831	-132	-50.2	2.9	13.6	1		263 081138	-129	-25.3	5.5	19.2	1	
263 080836	-138	-50.2	2.9	13.6	1		263 081143	-123	-25.3	6.2	19.5	1	
263 080844	-141	-45.3	3.3	13.6	1		263 081146	-117	-25.3	6.2	19.5	1	
263 080848	-135	-45.3	3.3	13.6	1		263 081151	-111	-25.3	6.2	19.5	1	
263 080853	-129	-45.3	3.3	13.6	1		263 081157	-108	-20.3	13.5	19.5	1	
263 080858	-123	-45.3	3.3	13.6	1		263 081201	-114	-20.3	13.5	19.5	1	

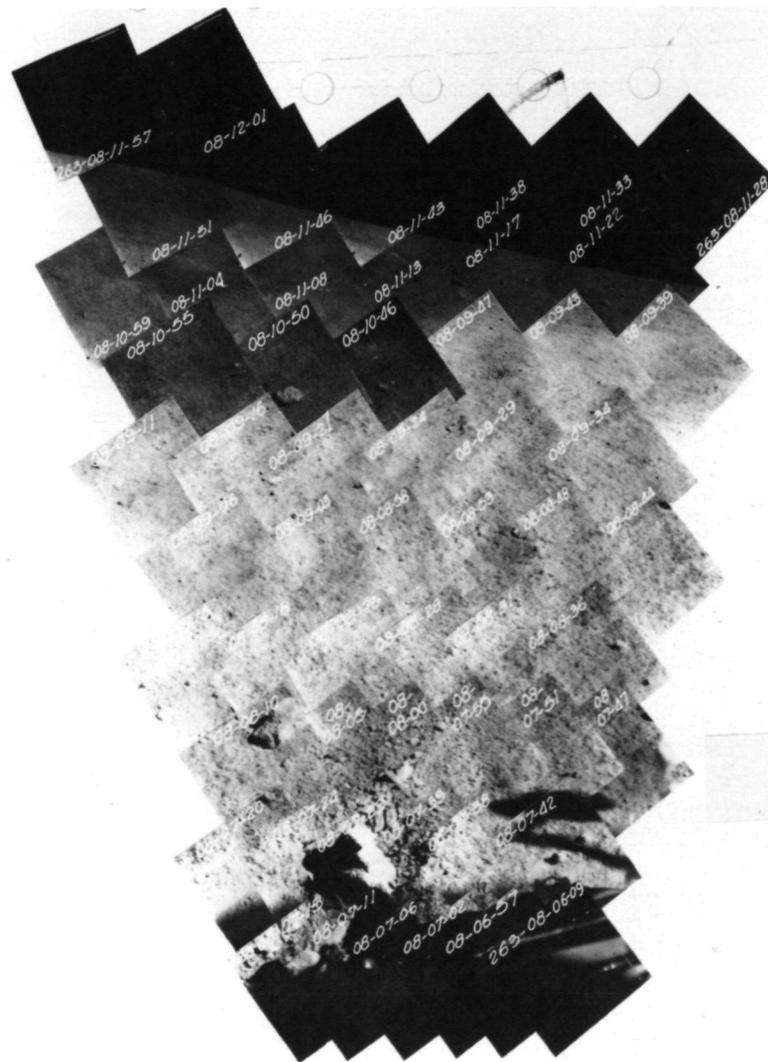


Figure 117.—Day 263, survey F, sectors 5 and 6. (USGS 868-309)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
263 081403	-105	-65.1	1.73	19.5	1	DUPLICATE
263 081546	-105	-65.1	2.03	19.5	1	DUPLICATE
263 081703	-105	-65.1	2.03	19.5	1	DUPLICATE
263 081741	-105	-65.1	2.03	16.7	1	
263 081745	-99	-65.1	1.94	16.6	1	
263 081750	-93	-65.1	1.94	16.6	1	
263 081755	-87	-65.1	1.94	16.6	1	
263 081759	-81	-65.1	1.94	16.7	1	
263 081804	-75	-65.1	1.87	16.6	1	
263 081808	-72	-60.1	2.03	16.7	1	
263 081813	-78	-60.1	2.03	16.7	1	
263 081817	-84	-60.1	2.1	16.6	1	
263 081822	-90	-60.1	2.1	16.7	1	
263 081826	-96	-60.1	2.1	16.6	1	
263 081830	-102	-60.1	2.1	16.6	1	
263 081835	-105	-55.2	2.3	16.7	1	
263 081840	-99	-55.2	2.3	16.7	1	
263 081844	-93	-55.2	2.3	16.7	1	
263 081848	-87	-55.2	2.3	16.7	1	
263 081853	-81	-55.2	2.3	16.6	1	
263 081858	-75	-55.2	2.2	16.7	1	
263 081903	-72	-50.2	2.5	16.7	1	
263 081906	-78	-50.2	2.5	16.6	1	
263 081911	-84	-50.2	2.5	16.7	1	
263 081916	-90	-50.2	2.6	16.7	1	
263 081921	-96	-50.2	2.6	16.7	1	
263 081924	-102	-50.2	2.6	16.7	1	
263 081931	-105	-45.3	3.1	16.7	1	
263 081936	-99	-45.3	2.9	16.7	1	
263 081941	-93	-45.3	2.9	16.7	1	
263 081945	-87	-45.3	2.9	16.7	1	
263 081949	-81	-45.3	2.7	16.7	1	
263 081954	-75	-45.3	2.7	16.7	1	
263 081959	-72	-40.3	3.1	16.7	1	
263 082003	-78	-40.3	3.1	16.7	1	
263 082008	-84	-40.3	3.3	16.7	1	
263 082012	-90	-40.3	3.3	16.6	1	
263 082016	-96	-40.3	3.5	16.7	1	
263 082021	-102	-40.3	3.5	16.8	1	
263 082026	-105	-35.3	4.5	16.6	1	
263 082030	-99	-35.3	4.1	16.7	1	
263 082035	-93	-35.3	4.1	16.6	1	
263 082040	-87	-35.3	4.1	16.7	1	
263 082044	-81	-35.3	3.8	16.6	1	
263 082049	-75	-35.3	3.8	16.7	1	DUPLICATE
263 082119	-75	-35.3	3.3	16.7	1	
263 082150	-72	-30.3	3.8	16.7	1	
263 082155	-78	-30.3	3.8	16.7	1	
263 082200	-84	-30.3	4.1	16.7	1	
263 082203	-90	-30.3	4.1	16.7	1	
263 082208	-96	-30.3	4.5	16.7	1	
263 082213	-102	-30.3	4.5	16.7	1	
263 082223	-105	-25.3	5.5	16.6	1	
263 082226	-99	-25.3	5.5	16.7	1	
263 082231	-93	-25.3	5.5	16.7	1	
263 082236	-87	-25.3	4.9	16.7	1	
263 082241	-81	-25.3	4.9	16.7	1	
263 082244	-75	-25.3	4.5	16.7	1	
263 082249	-72	-20.3	6.2	16.7	1	
263 082254	-78	-20.3	6.2	16.7	1	
263 082259	-84	-20.3	7.2	16.7	1	
263 082304	-90	-20.3	8.6	16.7	1	DUPLICATE
263 082340	-90	-20.3	29	16.7	1	
263 082927	-96	-20.3	75	16.7	1	
263 082932	-102	-20.3	75	16.7	1	
263 082936	-105	-15.3	75	16.7	1	
263 082940	-99	-15.3	75	16.7	1	
263 082945	-93	-15.3	75	16.7	1	
263 082950	-87	-15.3	75	16.4	1	
263 082955	-81	-15.3	75	16.7	1	
263 082958	-75	-15.3	75	16.6	1	
263 083003	-72	-10.5	75	16.7	1	
263 083008	-78	-10.5	75	16.7	1	
263 083011	-84	-10.5	75	16.7	1	
263 083016	-90	-10.5	75	16.7	1	
263 083021	-96	-10.5	75	16.7	1	
263 083026	-102	-10.5	75	16.7	1	
263 083029	-105	-5.6	75	16.7	1	
263 083034	-99	-5.6	75	16.7	1	
263 083039	-93	-5.6	75	16.6	1	
263 083044	-87	-5.6	75	16.7	1	
263 083048	-81	-5.6	75	16.7	1	
263 083052	-75	-5.6	75	16.7	1	

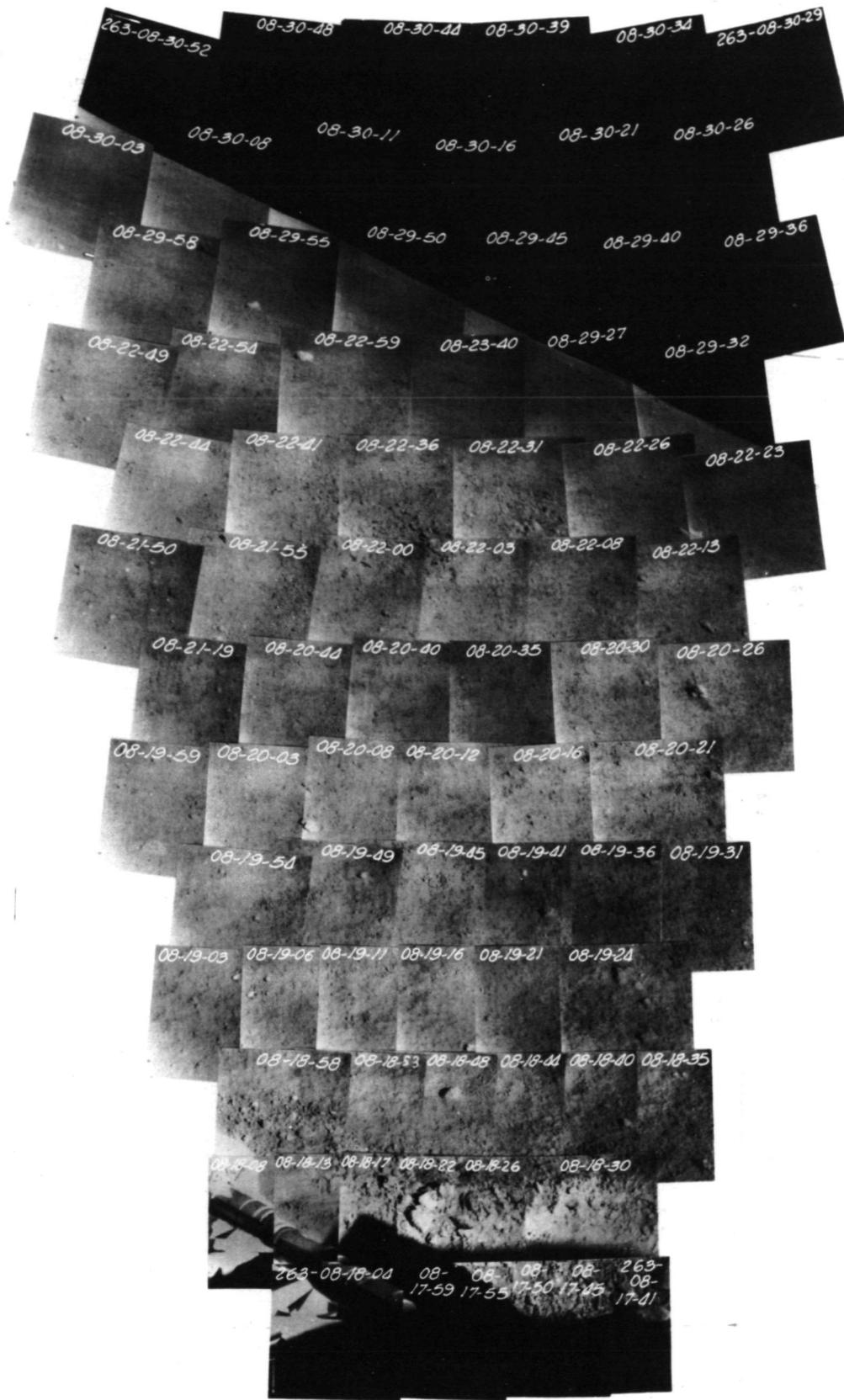


Figure 118.—Day 263, survey F, sectors 7 and 8. (USGS 868-282)

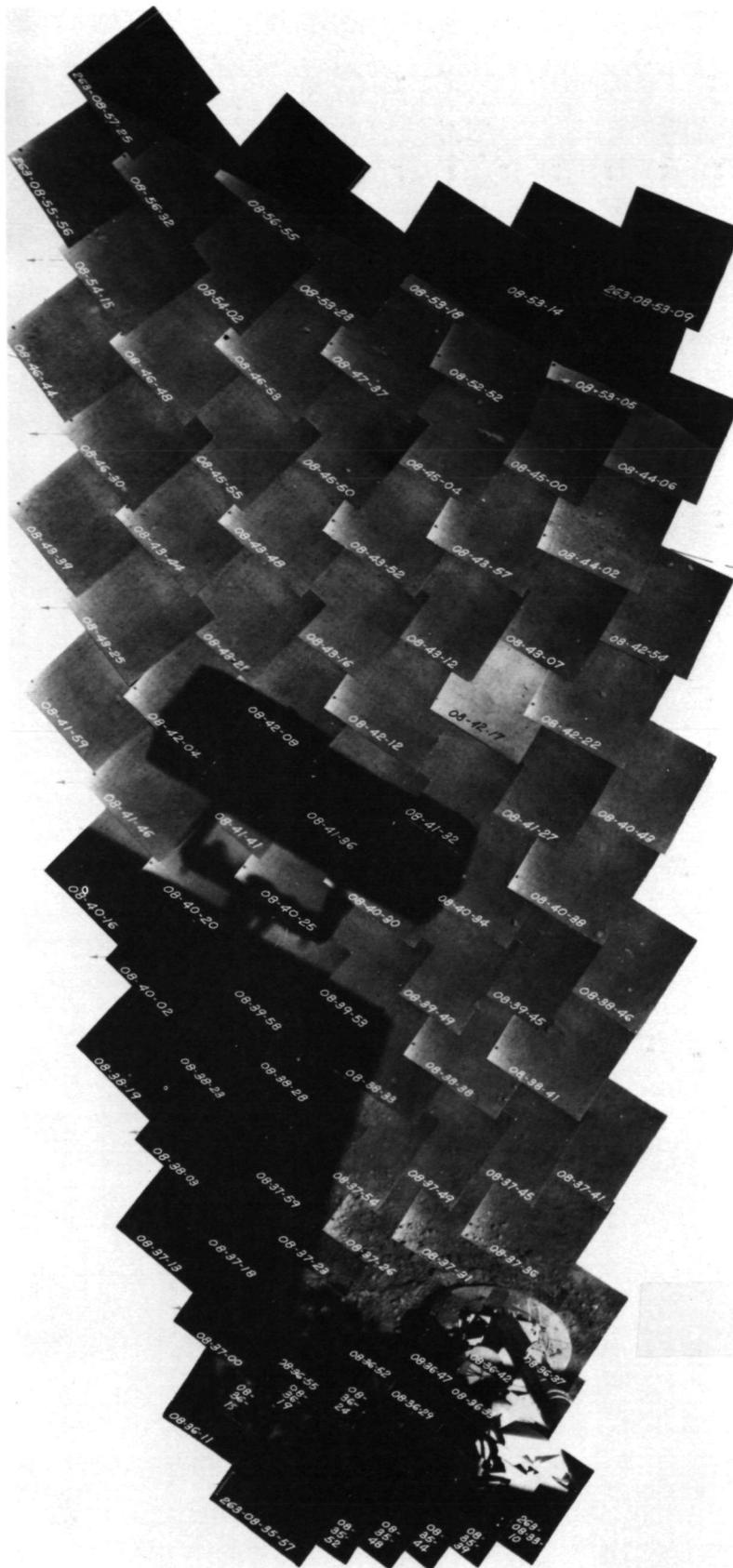


Figure 119.—Day 263, survey F, sectors 9 and 10. (USGS 868-314)

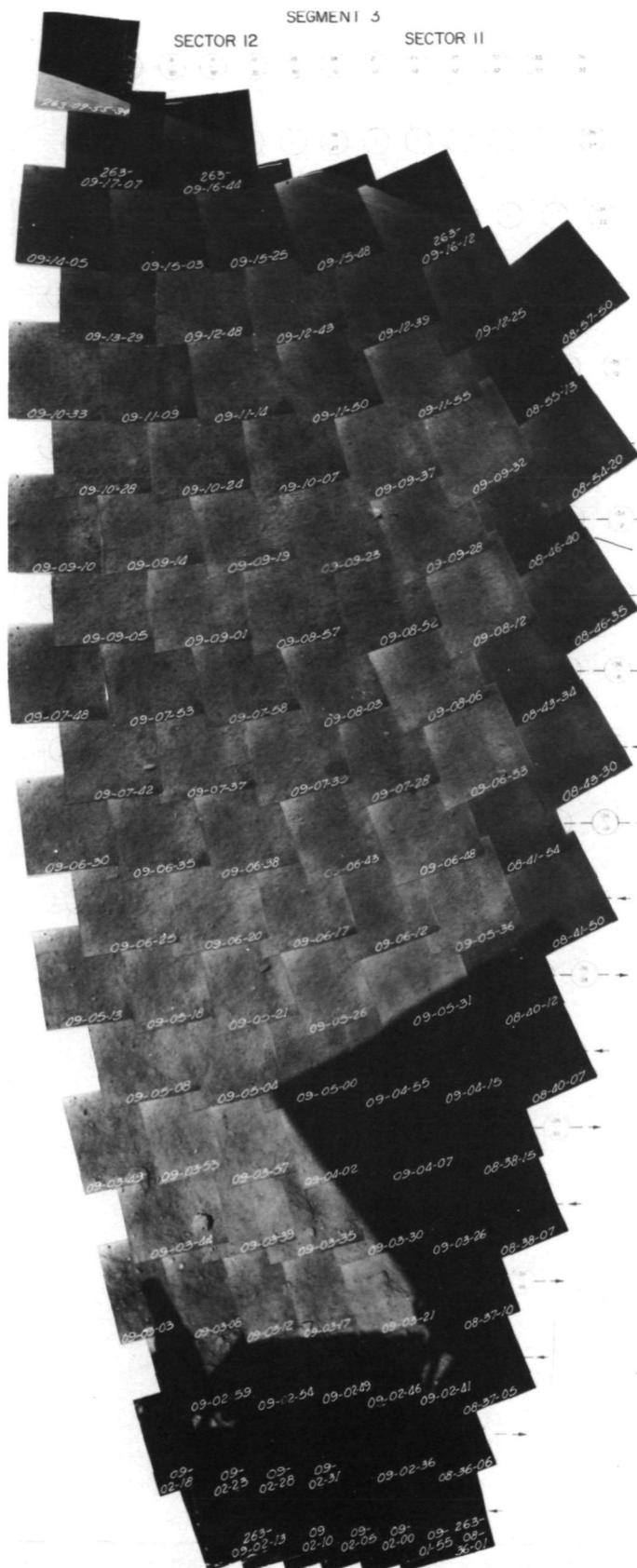


Figure 120.—Day 263, survey F, sectors 11 and 12. (USGS 868-339)

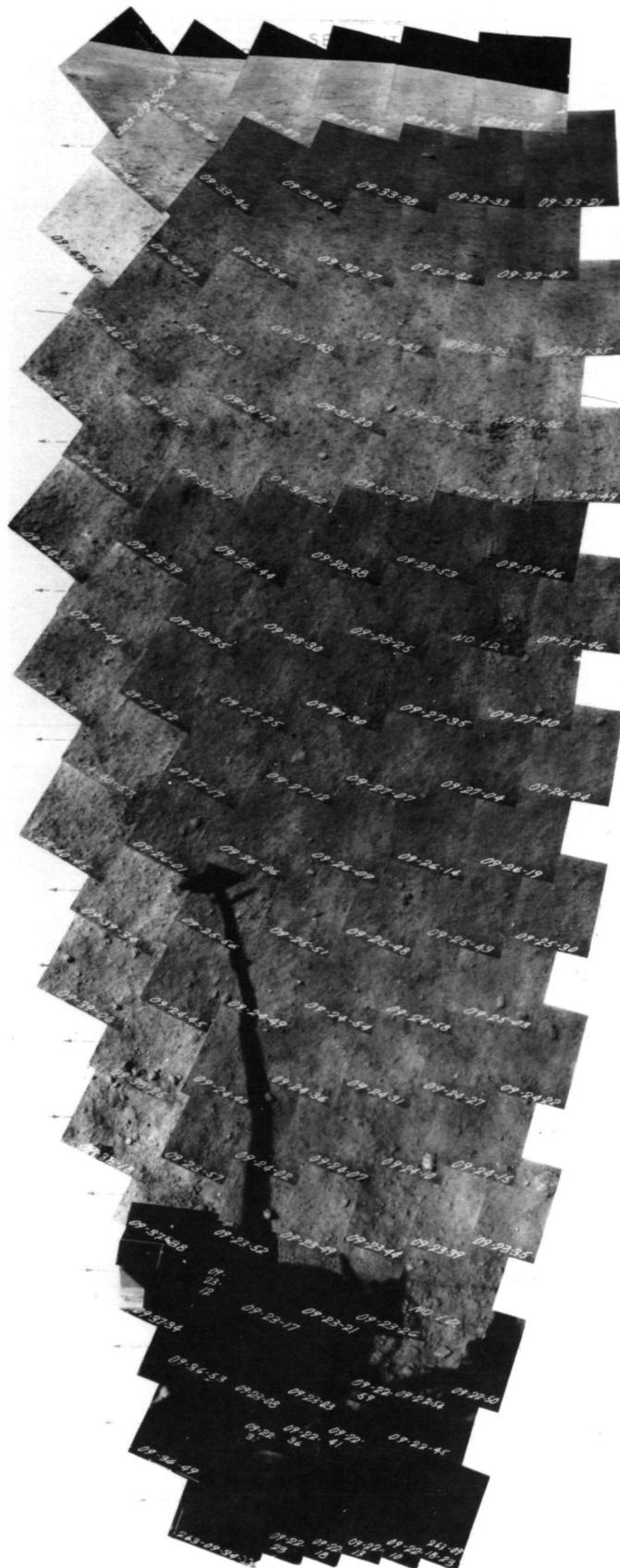


Figure 121.—Day 263, survey F, sectors 13 and 14. (USGS 868-332)

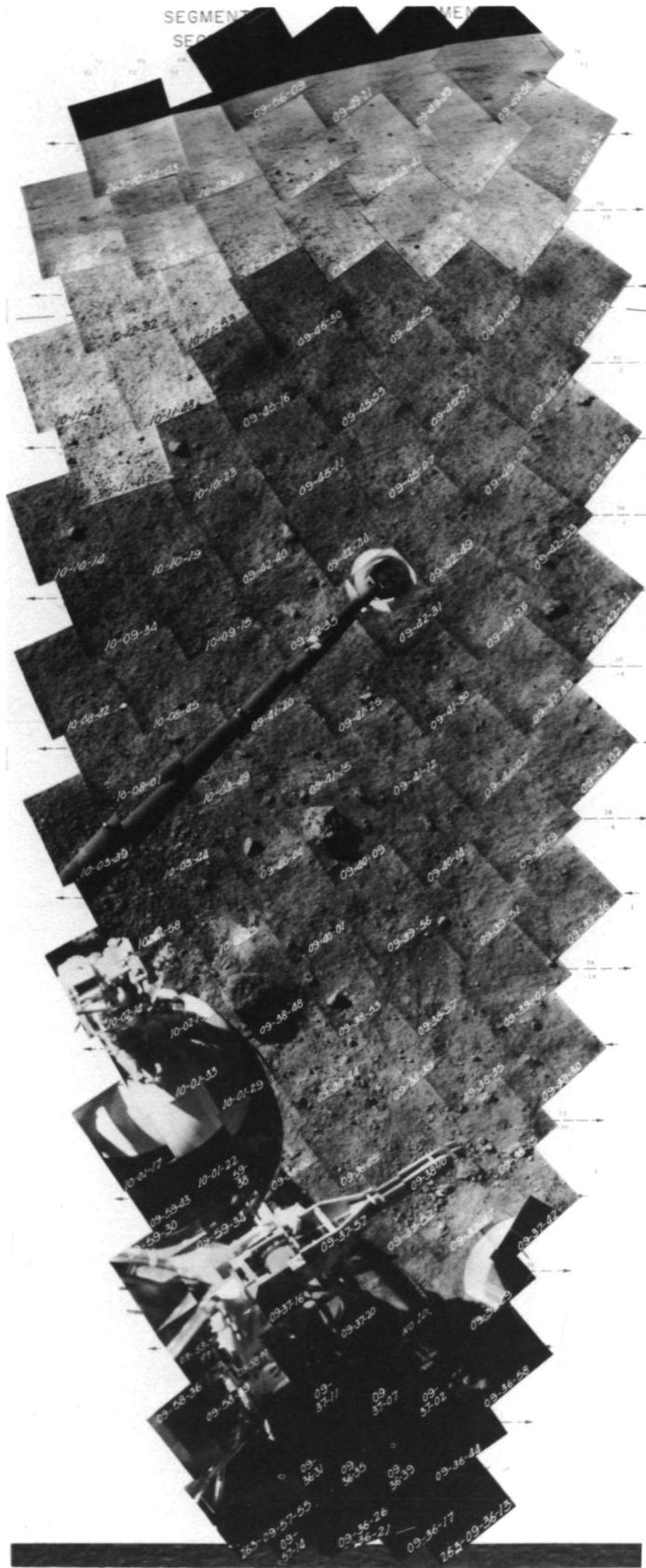


Figure 122.—Day 263, survey F, sectors 15 and 16. (USGS 868-234)



Figure 123.—Day 263, survey F, sectors 17 and 18. (USGS 868-326)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
263 101607	111	-65.1	1.79	16.8	1	
263 101612	117	-65.1	1.73	16.8	1	
263 101617	123	-65.1	1.79	16.5	1	
263 101621	126	-60.1	1.94	16.8	1	
263 101625	120	-60.1	1.79	16.8	1	
263 101630	114	-60.1	1.79	16.8	1	
263 101652	111	-55.2	1.87	16.8	1	
263 101657	117	-55.2	1.87	16.8	1	
263 101702	123	-55.2	1.94	16.8	1	
263 101706	126	-50.2	2.03	16.8	1	
263 101710	120	-50.2	2.03	16.5	1	
263 101715	114	-50.2	1.94	16.8	1	
263 101738	111	-45.3	2.03	16.8	1	
263 101741	117	-45.3	2.1	16.8	1	
263 101746	123	-45.3	2.2	16.8	1	
263 101751	126	-40.3	2.5	16.8	1	
263 101756	120	-40.3	2.3	16.8	1	
263 101759	114	-40.3	2.2	16.8	1	
263 101901	111	-35.3	2.03	16.8	1	
263 101904	117	-35.3	2.03	16.8	1	
263 101909	123	-35.3	2.1	16.8	1	
263 101914	126	-30.3	2.3	16.8	1	
263 101919	120	-30.3	2.3	16.8	1	
263 101922	114	-30.3	2.2	16.8	1	
263 101945	111	-25.3	2.5	16.8	1	
263 101950	117	-25.3	2.6	16.8	1	
263 101955	123	-25.3	2.6	16.8	1	
263 102000	126	-20.3	3.1	16.8	1	
263 102003	120	-20.3	2.9	16.8	1	
263 102008	114	-20.3	2.9	16.8	1	
263 102031	111	-15.3	3.3	16.8	1	
263 102036	117	-15.3	3.3	16.8	1	
263 102040	123	-15.3	3.5	16.8	1	
263 102047	126	-10.5	4.5	16.8	1	
263 102050	120	-10.5	4.1	16.8	1	
263 102055	114	-10.5	3.8	16.8	1	
263 102118	111	-5.6	4.5	16.8	1	
263 102123	117	-5.6	4.9	16.8	1	
263 102126	123	-5.6	5.5	16.8	1	
263 102132	126	-0.7	13.5	16.8	1	
263 102137	120	-0.7	8.6	16.8	1	
263 102142	114	-0.7	6.2	16.8	1	
263 102247	111	4.3	75	11.6	1	
263 102252	117	4.3	75	11.5	1	
263 102256	123	4.3	75	11.5	1	
263 102300	126	9.3	75	11.6	1	
263 102305	120	9.3	75	11.6	1	
263 102310	114	9.3	75	11.6	1	
263 102332	111	14.4	75	11.6	1	
263 102336	117	14.4	75	11.6	1	
263 102341	123	14.4	75	11.6	1	
263 102435	63	-65.1	1.67	11.6	1	NOT SHOWN
263 102502	3	-65.1	1.73	11.6	1	NOT SHOWN
263 102532	-60	-55.2	2.1	11.6	1	NOT SHOWN

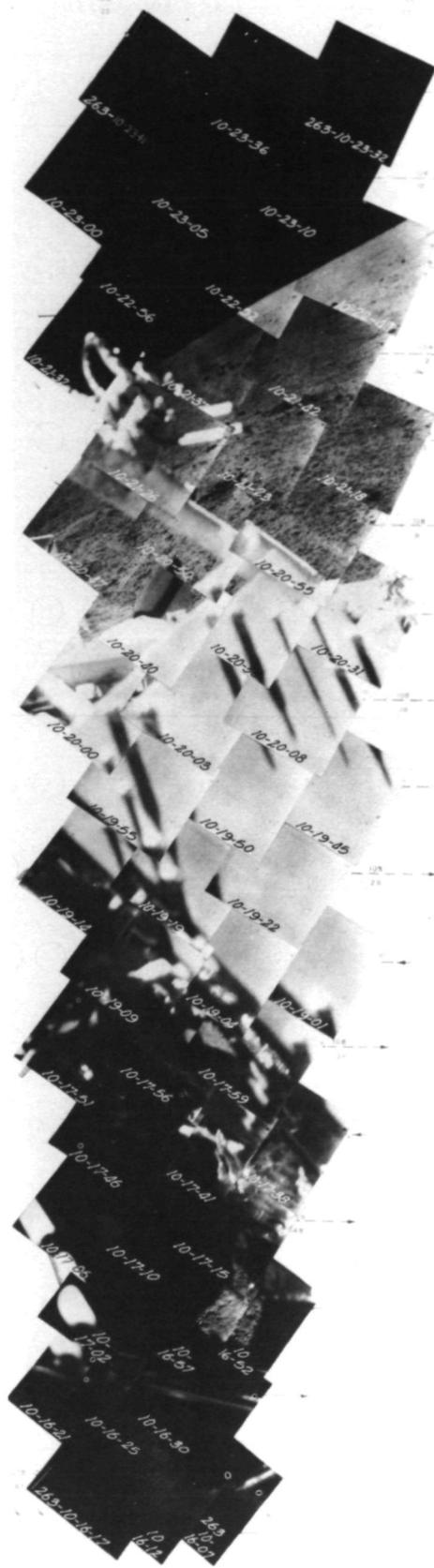


Figure 124.—Day 263, survey F, sector 19. (USGS 868-273)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
264 102713	-213	-65.1	2.5	11.7	1	DUPLICATE	264 103046	-198	-40.3	3.1	11.8	1	
264 102738	-213	-65.1	1.87	11.8	1		264 103051	-204	-40.3	2.9	11.8	1	
264 102820	-207	-65.1	1.87	11.8	1		264 103056	-210	-40.3	3.1	11.8	1	
264 102824	-201	-65.1	1.94	11.8	1		264 103059	-213	-35.3	3.1	11.8	1	
264 102829	-195	-65.1	8.6	25.4	1		264 103104	-207	-35.3	3.3	11.8	1	
264 102833	-189	-65.1	2.03	11.8	1		264 103109	-201	-35.3	3.3	11.8	1	
264 102837	-183	-65.1	2.03	11.8	1		264 103112	-195	-35.3	3.5	11.8	1	
264 102842	-180	-60.1	2.2	11.8	1		264 103117	-189	-35.3	3.8	11.8	1	
264 102847	-186	-60.1	0.96	11.7	1		264 103122	-183	-35.3	4.1	11.8	1	
264 102851	-192	-60.1	2.1	11.8	1		264 103127	-180	-30.3	4.9	11.8	1	DUPLICATE
264 102855	-198	-60.1	2.03	11.7	1		264 103155	-180	-30.3	13.5	11.8	1	
264 102900	-204	-60.1	2.03	11.8	1		264 103209	-186	-30.3	13.5	11.8	1	
264 102905	-210	-60.1	1.94	11.8	1		264 103214	-192	-30.3	10.5	11.8	1	
264 102909	-213	-55.2	2.1	11.8	1		264 103217	-198	-30.3	8.6	11.8	1	
264 102913	-207	-55.2	2.1	11.8	1		264 103222	-204	-30.3	7.2	11.8	1	
264 102918	-201	-55.2	2.2	11.8	1		264 103227	-210	-30.3	7.2	11.8	1	
264 102923	-195	-55.2	2.2	11.8	1		264 103232	-213	-25.3	8.6	11.8	1	
264 102928	-189	-55.2	2.3	11.8	1		264 103236	-207	-25.3	10.5	11.8	1	
264 102931	-183	-55.2	2.3	11.8	1		264 103240	-201	-25.3	13.5	11.8	1	
264 102936	-180	-50.2	2.6	11.8	1		264 103245	-195	-25.3	18	11.8	1	
264 102941	-186	-50.2	2.6	11.8	1		264 103250	-189	-25.3	29	11.8	1	
264 102944	-192	-50.2	2.5	11.8	1		264 103254	-183	-25.3	75	11.8	1	
264 102949	-198	-50.2	2.5	11.8	1		264 103258	-180	-20.3	75	11.8	1	
264 102954	-204	-50.2	2.3	11.8	1		264 103303	-186	-20.3	75	11.8	1	
264 102959	-210	-50.2	2.3	11.8	1		264 103307	-192	-20.3	75	11.8	1	
264 103003	-213	-45.3	2.5	11.8	1		264 103312	-198	-20.3	29	11.8	1	
264 103007	-207	-45.3	2.6	11.8	1		264 103317	-204	-20.3	18	11.8	1	
264 103012	-201	-45.3	2.6	11.8	1		264 103321	-210	-20.3	13.5	11.8	1	
264 103017	-195	-45.3	2.7	11.8	1		264 103327	-213	-15.3	29	11.8	1	
264 103021	-189	-45.3	2.7	11.8	1		264 103332	-207	-15.3	75	11.8	1	
264 103025	-183	-45.3	2.9	11.8	1		264 103337	-201	-15.3	75	11.8	1	
264 103033	-180	-40.3	3.5	11.8	1		264 103341	-195	-15.3	75	11.8	1	
264 103037	-186	-40.3	3.3	11.8	1		264 103345	-189	-15.3	75	11.8	1	
264 103041	-192	-40.3	3.1	11.8	5		264 103350	-183	-15.3	75	11.8	1	

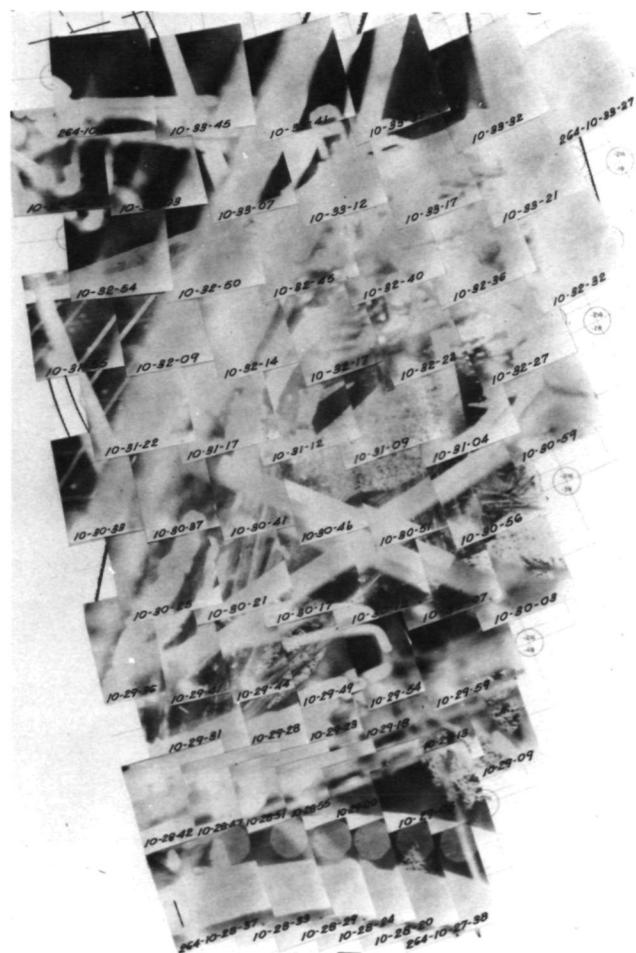


Figure 125.—Day 264, survey G, sectors 1 and 2. (USGS 868-249)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
264 103520	-177	-65.1	1.79	11.8	1		264 103813	-159	-45.3	2.7	11.8	1	
264 103532	-177	-65.1	1.79	11.8	1	DUPLICATE	264 103818	-153	-45.3	2.7	11.8	1	
264 103611	-177	-65.1	1.79	11.8	1	DUPLICATE	264 103823	-147	-45.3	2.9	11.8	1	
264 103616	-171	-65.1	1.87	11.8	1		264 103832	-144	-40.3	3.3	11.8	1	
264 103621	-165	-65.1	1.87	11.8	1		264 103837	-150	-40.3	3.3	11.8	1	
264 103626	-159	-65.1	1.87	11.8	1		264 103842	-156	-40.3	3.3	11.8	1	
264 103629	-153	-65.1	1.87	11.8	1		264 104152	-162	-40.3	3.1	11.8	1	
264 103634	-147	-65.1	1.87	11.8	1		264 104157	-168	-40.3	3.1	11.8	1	
264 103639	-144	-60.1	2.03	11.8	1		264 104202	-174	-40.3	2.9	11.8	1	
264 103644	-150	-60.1	2.03	11.8	1		264 104207	-177	-35.3	3.3	11.8	1	
264 103648	-156	-60.1	2.03	11.8	1		264 104211	-171	-35.3	3.5	11.8	1	
264 103652	-162	-60.1	2.03	11.8	1		264 104215	-165	-35.3	3.5	11.8	1	
264 103657	-168	-60.1	1.94	11.8	1		264 104220	-159	-35.3	3.8	11.8	1	
264 103702	-174	-60.1	1.94	11.8	1		264 104225	-153	-35.3	3.8	11.8	1	
264 103706	-177	-55.2	2.1	11.8	1		264 104229	-147	-35.3	4.1	11.8	1	
264 103710	-171	-55.2	2.1	11.8	1		264 104233	-144	-30.3	4.1	11.8	1	DUPLICATE
264 103715	-165	-55.2	2.1	11.8	1		264 104306	-144	-30.3	29	11.8	1	
264 103720	-159	-55.2	2.2	11.8	1		264 104320	-150	-30.3	29	11.8	1	
264 103724	-153	-55.2	2.2	11.8	1		264 104324	-156	-30.3	29	11.8	1	
264 103728	-147	-55.2	2.2	11.8	1		264 104329	-162	-30.3	18	11.8	1	
264 103733	-144	-50.2	2.5	11.8	1		264 104334	-168	-30.3	18	11.8	1	
264 103737	-150	-50.2	2.5	11.8	1		264 104339	-174	-30.3	13.5	11.8	1	
264 103742	-156	-50.2	2.5	11.8	1		264 104342	-177	-25.3	29	11.8	1	
264 103747	-162	-50.2	2.3	11.8	1		264 104347	-171	-25.3	75	11.8	1	
264 103751	-168	-50.2	2.3	11.8	1		264 104352	-165	-25.3	75	11.8	1	
264 103755	-174	-50.2	2.3	11.8	1		264 104355	-159	-25.3	75	11.8	1	
264 103800	-177	-45.3	2.6	11.8	1		264 104400	-153	-25.3	75	11.8	1	
264 103805	-171	-45.3	2.6	11.8	1		264 104405	-147	-25.3	75	11.8	1	
264 103809	-165	-45.3	2.7	11.8	1								

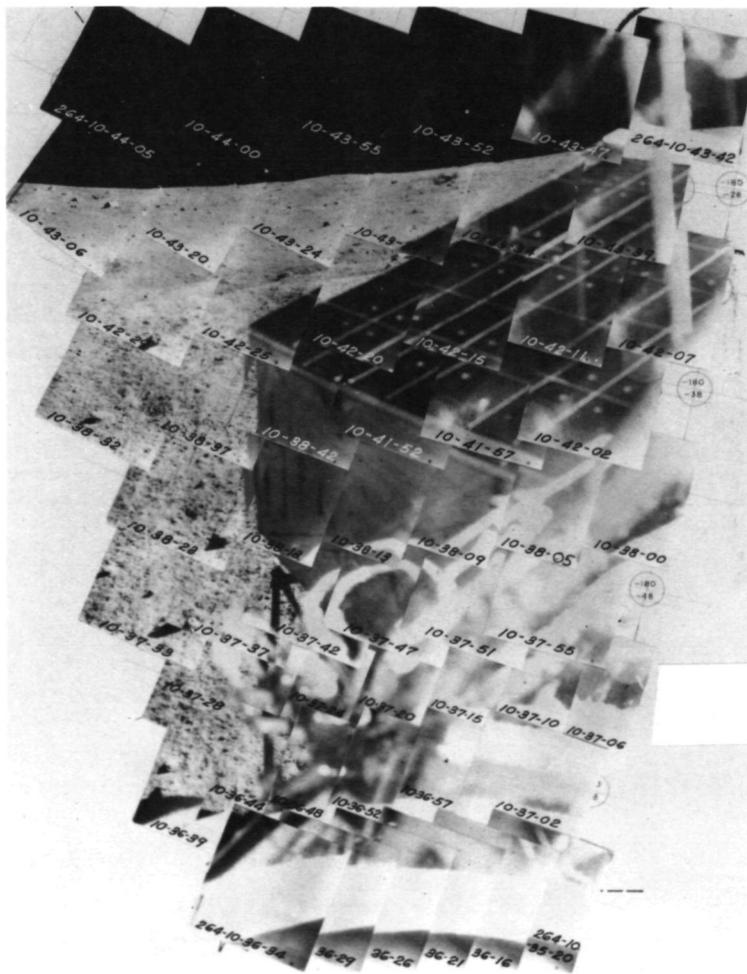


Figure 126.—Day 264, survey G, sectors 3 and 4. (USGS 868-252)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
264 104527	-141	-65.1	2.3	16.5	1	
264 104701	-141	-65.1	2.3	16.5	1	DUPLICATE
264 104736	-141	-65.1	2.1	16.5	1	DUPLICATE
264 104800	-135	-65.1	2.1	16.5	1	
264 104805	-129	-65.1	2.1	16.5	1	
264 104810	-123	-65.1	2.1	16.5	1	
264 104813	-117	-65.1	2.1	16.5	1	
264 104818	-111	-65.1	2.1	16.3	1	
264 104823	-108	-60.1	2.2	16.5	1	
264 104828	-114	-60.1	2.2	16.5	1	
264 104831	-120	-60.1	2.2	16.5	1	
264 104836	-126	-60.1	2.2	16.3	1	
264 104841	-132	-60.1	2.2	16.6	1	
264 104846	-138	-60.1	2.2	16.5	1	
264 104850	-141	-55.2	2.5	16.5	1	
264 104854	-135	-55.2	2.5	16.5	1	
264 104859	-129	-55.2	2.5	16.5	1	
264 104904	-123	-55.2	2.5	16.5	1	
264 104908	-117	-55.2	2.5	16.3	1	
264 104912	-111	-55.2	2.5	16.5	1	
264 104917	-108	-50.2	2.7	16.5	1	
264 104921	-114	-50.2	2.7	16.5	1	
264 104926	-120	-50.2	2.9	16.5	1	
264 104931	-126	-50.2	2.9	16.5	1	
264 104935	-132	-50.2	2.9	16.5	1	
264 104939	-138	-50.2	2.9	16.5	1	
264 104946	-141	-45.3	3.3	16.5	1	
264 104951	-135	-45.3	3.3	16.5	1	
264 104955	-129	-45.3	3.3	16.5	1	
264 104959	-123	-45.3	3.3	16.5	1	
264 105004	-117	-45.3	3.3	16.5	1	
264 105008	-111	-45.3	3.3	16.5	1	
264 105013	-108	-40.3	3.8	16.5	1	
264 105017	-114	-40.3	3.8	16.5	1	
264 105022	-120	-40.3	4.1	16.5	1	
264 105026	-126	-40.3	4.1	16.5	1	
264 105031	-132	-40.3	3.8	16.5	1	
264 105036	-138	-40.3	3.8	16.3	1	
264 105040	-141	-35.3	4.9	16.5	1	
264 105045	-135	-35.3	4.9	16.5	1	
264 105050	-129	-35.3	4.9	16.5	1	DUPLICATE
264 105112	-129	-35.3	3.8	16.3	1	
264 105124	-123	-35.3	3.8	16.5	1	
264 105127	-117	-35.3	3.8	16.5	1	
264 105132	-111	-35.3	3.8	16.5	1	
264 105137	-108	-30.3	4.5	16.5	1	
264 105142	-114	-30.3	4.5	16.5	1	
264 105145	-120	-30.3	4.9	16.5	1	
264 105150	-126	-30.3	4.9	16.5	1	
264 105155	-132	-30.3	4.5	16.5	1	
264 105200	-138	-30.3	4.5	16.5	1	
264 105206	-141	-25.3	6.2	16.5	1	
264 105211	-135	-25.3	6.2	16.5	1	
264 105216	-129	-25.3	6.2	16.5	1	
264 105220	-123	-25.3	6.2	16.5	1	
264 105224	-117	-25.3	6.2	16.5	1	
264 105229	-111	-25.3	6.2	16.5	1	
264 105235	-108	-20.3	13.5	16.5	1	
264 105238	-114	-20.3	13.5	16.5	1	

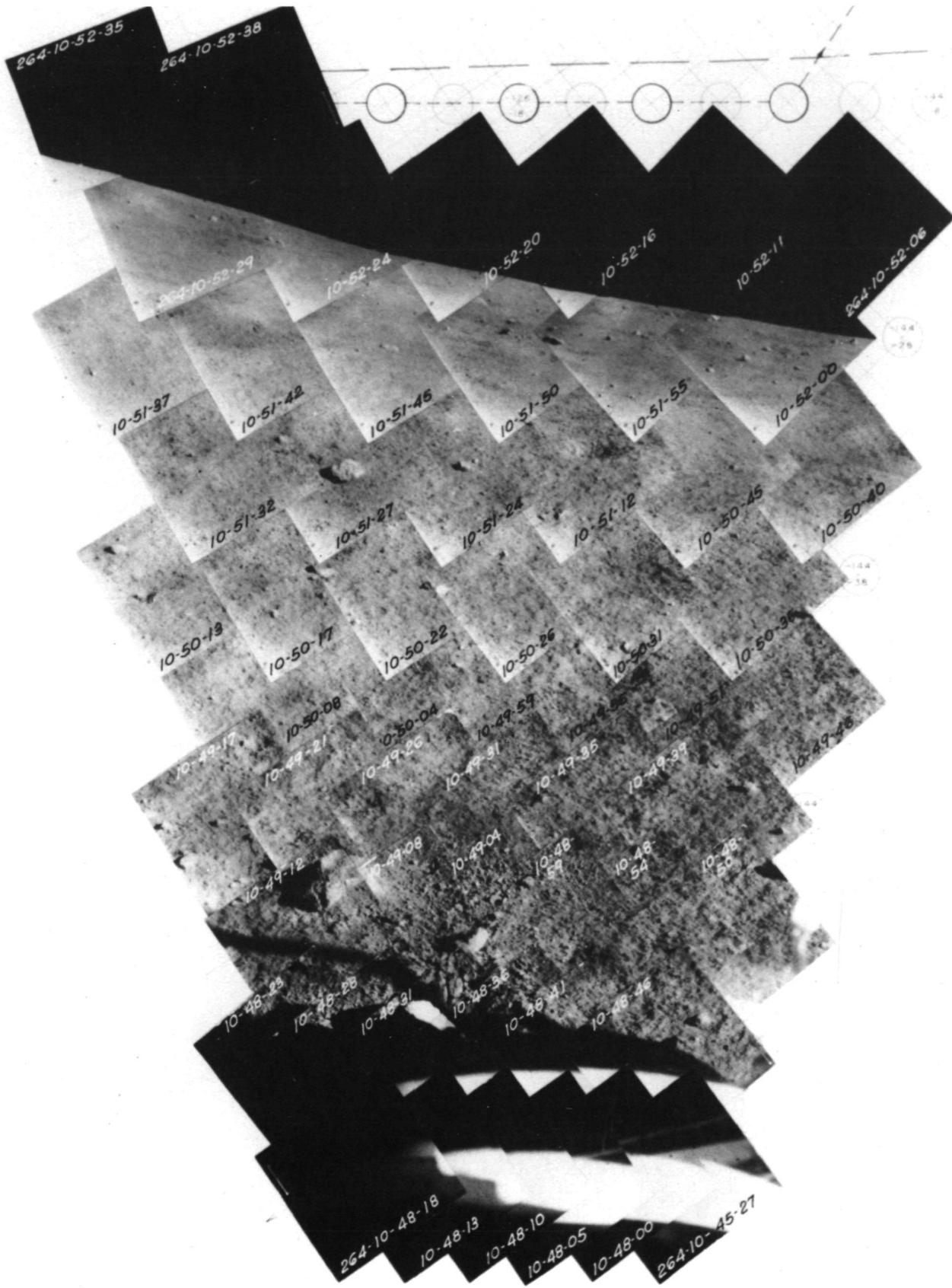


Figure 127.—Day 264, survey G, sectors 5 and 6. (USGS 868-279)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
264 105359	-105	-65.1	1.73	16.5	1	DUPLICATE
264 105409	-105	-65.1	1.73	16.5	1	
264 105520	-105	-65.1	2.03	16.5	1	DUPLICATE
264 105525	-99	-65.1	1.94	16.5	1	
264 105528	-93	-65.1	1.94	16.5	1	
264 105533	-87	-65.1	1.94	16.5	1	
264 105538	-81	-65.1	1.94	16.5	1	
264 105543	-75	-65.1	1.87	16.5	1	
264 105547	-72	-60.1	2.03	16.5	1	
264 105551	-78	-60.1	2.03	16.5	1	
264 105556	-84	-60.1	2.1	16.5	1	
264 105600	-90	-60.1	2.1	16.5	1	
264 105605	-96	-60.1	2.1	16.5	1	
264 105609	-102	-60.1	2.1	16.5	1	
264 105614	-105	-55.2	2.3	16.5	1	
264 105618	-99	-55.2	2.3	16.5	1	
264 105623	-93	-55.2	2.3	16.5	1	
264 105627	-87	-55.2	2.3	16.5	1	
264 105632	-81	-55.2	2.2	16.5	1	
264 105636	-75	-55.2	2.2	16.5	1	
264 105641	-72	-50.2	2.5	16.5	1	
264 105646	-78	-50.2	2.5	16.5	1	
264 105650	-84	-50.2	2.5	16.5	1	
264 105654	-90	-50.2	2.6	16.5	1	
264 105659	-96	-50.2	2.6	16.5	1	
264 105704	-102	-50.2	2.6	16.5	1	
264 105711	-105	-45.3	3.1	16.3	1	
264 105716	-99	-45.3	2.9	16.4	1	
264 105719	-93	-45.3	2.9	16.5	1	
264 105724	-87	-45.3	196	25.4	1	
264 105729	-81	-45.3	2.7	16.5	1	
264 105734	-75	-45.3	2.7	16.5	1	
264 105737	-72	-40.3	3.1	16.5	1	
264 105742	-78	-40.3	3.1	16.5	1	
264 105747	-84	-40.3	3.3	16.5	1	
264 105752	-90	-40.3	3.3	16.5	1	
264 105755	-96	-40.3	3.5	16.5	1	
264 105800	-102	-40.3	3.5	16.5	1	
264 105805	-105	-35.3	4.5	16.5	1	
264 105810	-99	-35.3	4.1	16.5	1	
264 105815	-93	-35.3	4.1	16.5	1	
264 105818	-87	-35.3	4.1	16.5	1	
264 105823	-81	-35.3	3.8	16.5	1	
264 105828	-75	-35.3	3.8	16.5	1	
264 105848	-75	-35.3	3.3	16.5	1	DUPLICATE
264 105905	-72	-30.3	3.8	16.5	1	
264 105910	-78	-30.3	3.8	16.5	1	
264 105914	-84	-30.3	4.1	16.5	1	
264 105919	-90	-30.3	4.1	16.3	1	
264 105923	-96	-30.3	4.5	16.5	1	
264 105928	-102	-30.3	4.5	16.3	1	
264 105934	-105	-25.3	6.2	16.5	1	
264 105939	-99	-25.3	5.5	16.5	1	
264 105944	-93	-25.3	5.5	16.5	1	
264 105949	-87	-25.3	4.9	16.5	1	
264 105952	-81	-25.3	4.9	16.3	1	
264 105957	-75	-25.3	4.5	16.5	1	
264 110002	-72	-20.3	6.2	16.5	1	
264 110007	-78	-20.3	6.2	16.5	1	
264 110012	-84	-20.3	7.2	16.5	1	
264 110016	-90	-20.3	8.6	16.5	1	
264 110037	-90	-20.3	29	16.5	1	DUPLICATE
264 110049	-96	-20.3	75	16.5	1	
264 110054	-102	-20.3	75	16.5	1	
264 110059	-105	-15.3	75	16.3	1	
264 110103	-99	-15.3	75	16.5	1	
264 110107	-93	-15.3	75	16.5	1	
264 110112	-87	-15.3	75	16.5	1	
264 110117	-81	-15.3	75	16.5	1	
264 110120	-75	-15.3	75	16.5	1	
264 110125	-72	-10.5	75	16.5	1	
264 110130	-78	-10.5	75	16.5	1	
264 110135	-84	-10.5	75	16.5	1	
264 110138	-90	-10.5	75	16.5	1	
264 110143	-96	-10.5	75	16.5	1	
264 110148	-102	-10.5	75	16.5	1	
264 110153	-105	-5.6	75	16.5	1	
264 110156	-99	-5.6	75	16.5	1	
264 110201	-93	-5.6	75	16.5	1	
264 110206	-87	-5.6	75	16.5	1	
264 110211	-81	-5.6	75	16.5	1	
264 110215	-75	-5.6	75	16.5	1	

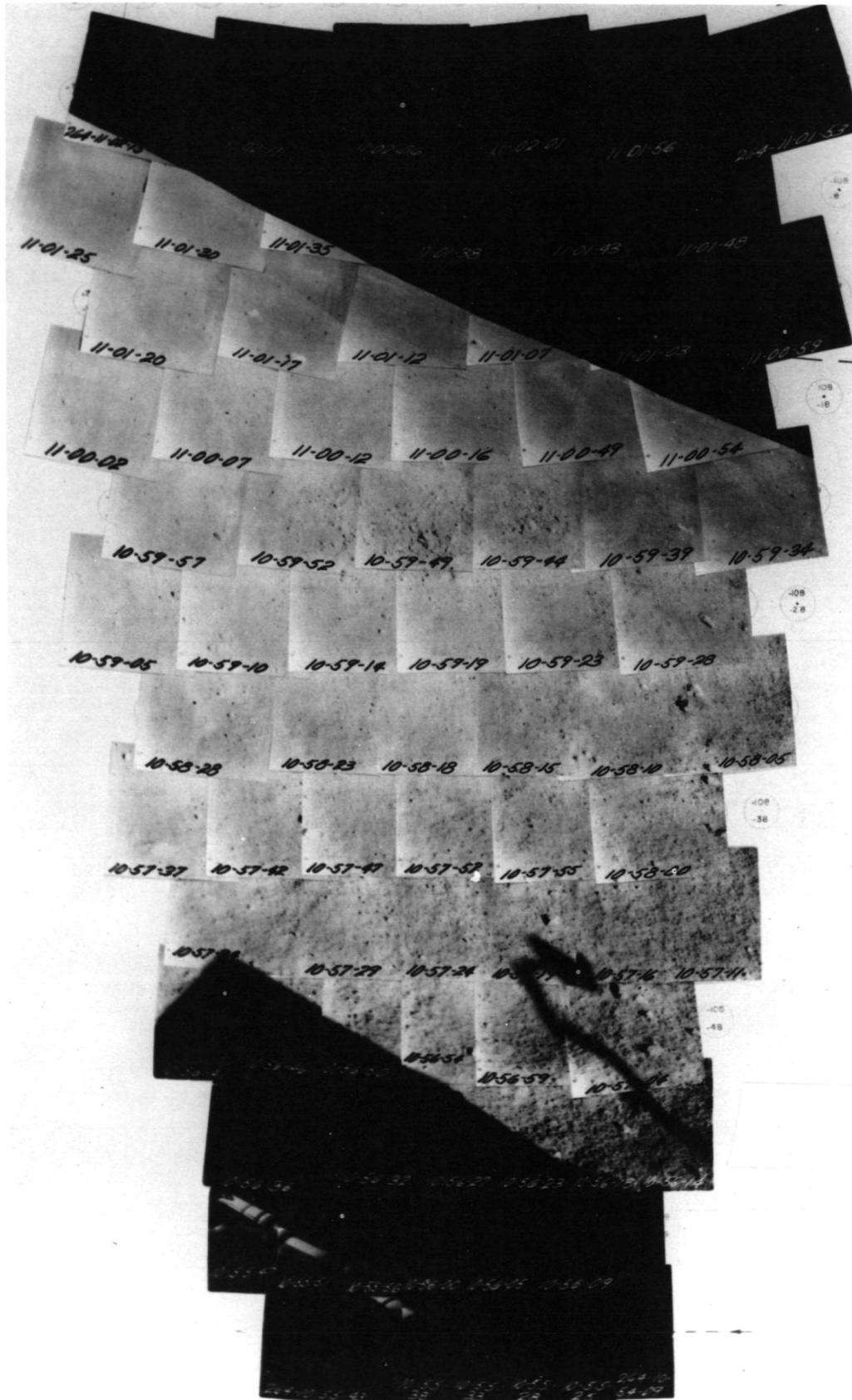


Figure 128.—Day 264, survey G, sectors 7 and 8. (USGS 868-221)

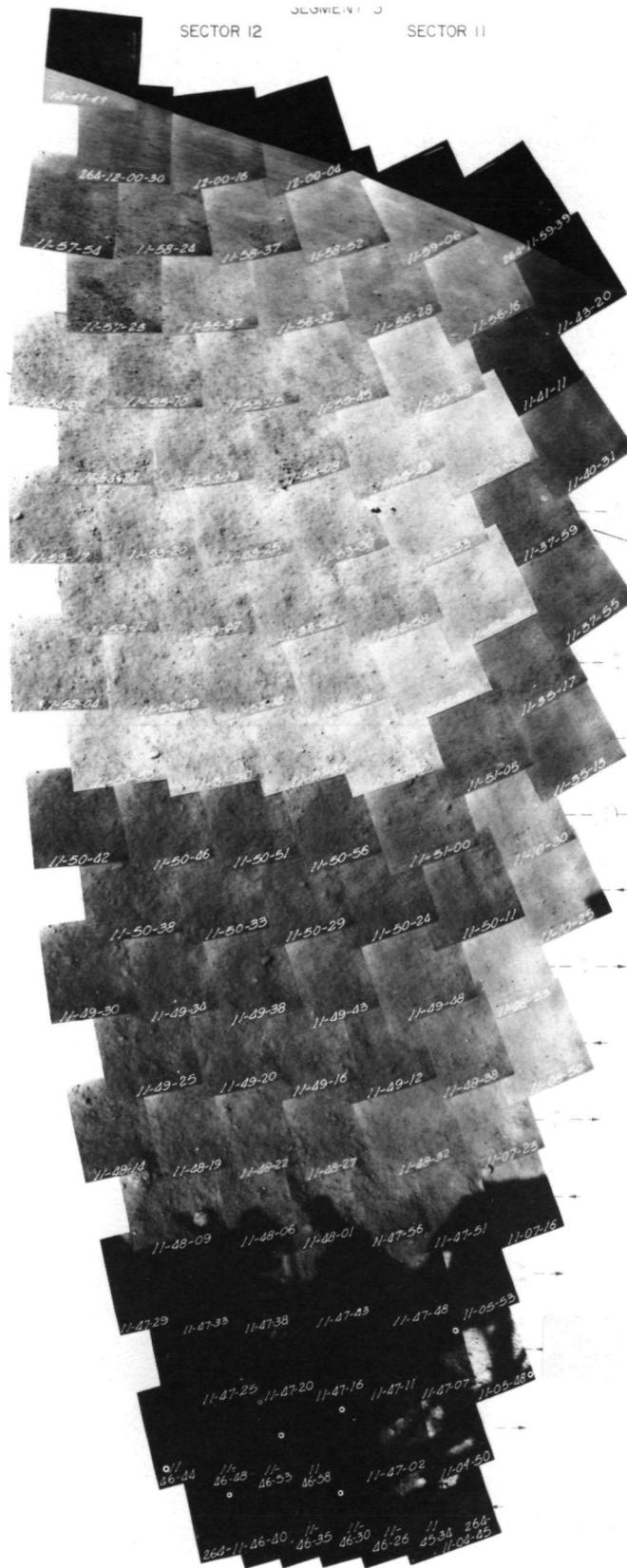


Figure 130.—Day 264, survey G, sectors 11 and 12. (USGS 868-215)

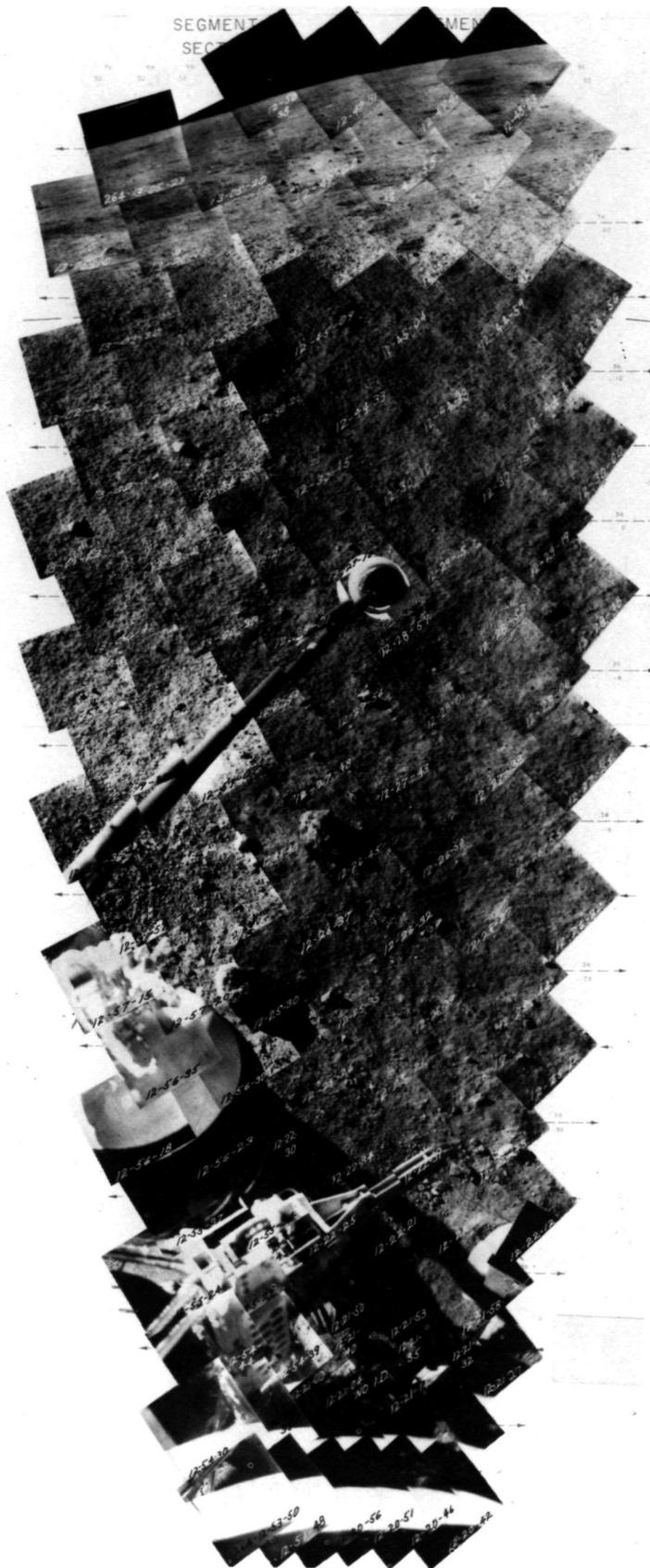


Figure 132.—Day 264, survey G, sectors 15 and 16. (USGS 868-318)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
264 130909	111	-65.1	1.58	10.3	1	
264 130912	117	-65.1	1.58	16.9	1	
264 130917	123	-65.1	1.61	16.8	1	
264 130922	126	-60.1	1.67	16.9	1	
264 130927	120	-60.1	1.61	16.9	1	
264 130930	114	-60.1	1.61	16.9	1	
264 130953	111	-55.2	1.67	16.9	1	
264 130958	117	-55.2	1.67	16.9	1	
264 131002	123	-55.2	1.73	16.9	1	
264 131006	126	-50.2	1.79	16.9	1	
264 131011	120	-50.2	1.73	16.9	1	
264 131016	114	-50.2	1.73	16.9	1	
264 131038	111	-45.3	1.73	16.9	1	
264 131043	117	-45.3	1.79	16.9	1	
264 131047	123	-45.3	1.87	16.9	1	
264 131051	126	-40.3	1.96	16.6	1	
264 131056	120	-40.3	1.94	16.9	1	
264 131101	114	-40.3	1.87	16.9	1	
264 131159	111	-35.3	1.73	16.9	1	
264 131202	117	-35.3	1.73	16.9	1	
264 131207	123	-35.3	1.79	16.9	1	
264 131212	126	-30.3	1.94	16.9	1	
264 131217	120	-30.3	1.94	16.9	1	
264 131220	114	-30.3	1.87	16.9	1	
264 131243	111	-25.3	2.03	16.9	1	
264 131248	117	-25.3	2.1	16.9	1	
264 131252	123	-25.3	2.1	16.9	1	
264 131258	126	-20.3	2.5	16.9	1	
264 131301	120	-20.3	2.3	16.9	1	
264 131306	114	-20.3	2.3	16.9	1	
264 131329	111	-15.3	2.6	16.9	1	
264 131333	117	-15.3	2.6	16.8	1	
264 131337	123	-15.3	2.7	16.9	1	
264 131346	126	-10.5	3.3	16.9	1	
264 131351	120	-10.5	3.1	16.9	1	
264 131354	114	-10.5	2.9	16.9	1	
264 131908	111	-5.6	3.3	16.8	1	
264 131912	117	-5.6	3.5	16.9	1	
264 131917	123	-5.6	3.8	16.9	1	
264 131923	126	-0.7	6.2	16.9	1	
264 131927	120	-0.7	4.9	16.9	1	
264 131932	114	-0.7	4.1	16.8	1	
264 132040	111	4.3	18	16.9	1	
264 132044	117	4.3	18	16.9	1	
264 132049	123	4.3	18	16.9	1	
264 132054	126	9.3	18	16.8	1	
264 132059	120	9.3	18	16.9	1	
264 132102	114	9.3	18	16.9	1	
264 132125	111	14.4	18	16.9	1	
264 132130	117	14.4	18	16.8	1	
264 132134	123	14.4	18	16.8	1	
264 132230	63	-65.1	1.52	16.9	1	NOT SHOWN
264 132257	0	-65.1	1.58	16.7	1	NOT SHOWN
264 132328	-60	-60.1	1.87	16.9	1	NOT SHOWN

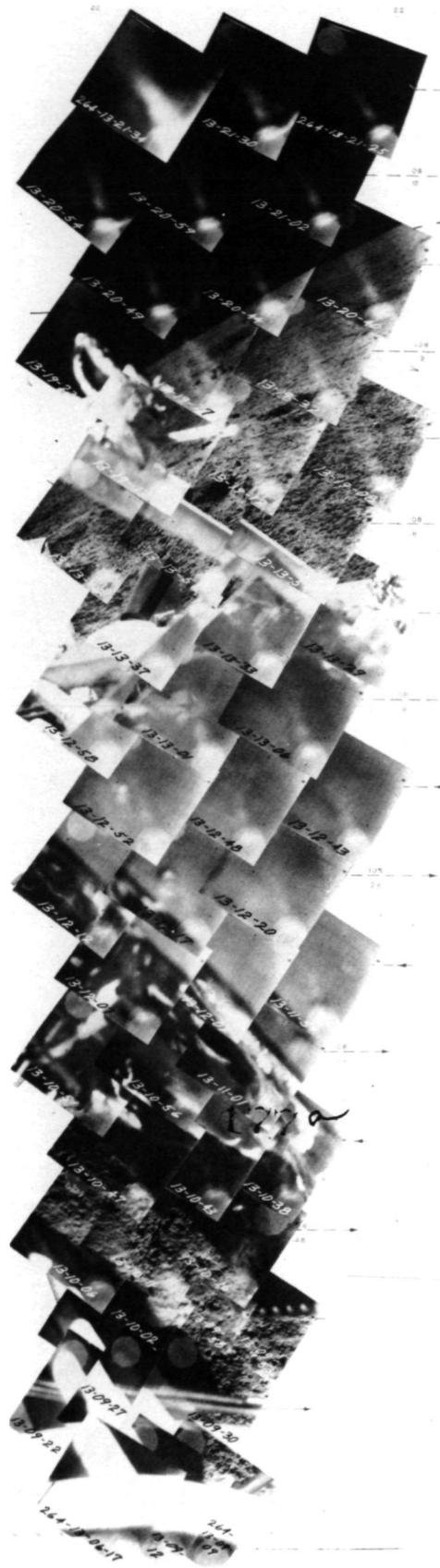


Figure 134.—Day 264, survey G, sector 19. (USGS 868-287)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
265 061051	-213	-70.1	1.67	11.6	1		265 061451	-213	-50.2	2.1	11.6	1	
265 061303	-213	-70.1	1.67	11.6	1	DUPLICATE	265 061456	-207	-50.2	2.2	11.6	1	
265 061308	-207	-70.1	1.67	11.6	1		265 061500	-201	-50.2	2.2	11.6	1	
265 061313	-201	-70.1	1.73	11.6	1		265 061505	-195	-50.2	2.3	11.6	1	
265 061317	-195	-70.1	1.73	11.6	1		265 061510	-189	-50.2	2.3	11.6	1	
265 061321	-189	-70.1	1.96	11.6	1		265 061514	-183	-50.2	2.5	11.6	1	
265 061326	-183	-70.1	1.79	11.6	1		265 061522	-180	-45.3	2.9	11.6	1	
265 061331	-180	-65.1	1.94	11.6	1		265 061526	-186	-45.3	2.7	11.6	1	
265 061334	-186	-65.1	1.87	11.6	1		265 061531	-192	-45.3	2.6	11.6	1	
265 061339	-192	-65.1	1.87	11.6	1		265 061535	-198	-45.3	2.6	11.6	1	
265 061344	-198	-65.1	1.79	11.6	1		265 061540	-204	-45.3	2.5	11.6	1	
265 061349	-204	-65.1	1.79	11.6	1		265 061545	-210	-45.3	2.3	11.6	1	
265 061352	-210	-65.1	1.79	11.6	1		265 061549	-213	-40.3	2.6	11.6	1	
265 061357	-213	-60.1	1.87	11.6	1		265 061553	-207	-40.3	2.7	11.6	1	
265 061402	-207	-60.1	1.87	11.6	1		265 061558	-201	-40.3	2.7	11.6	1	
265 061407	-201	-60.1	1.94	11.6	1		265 061603	-195	-40.3	2.9	11.6	1	
265 061410	-195	-60.1	1.94	11.6	1		265 061606	-189	-40.3	3.1	11.6	1	
265 061415	-189	-60.1	2.03	11.6	1		265 061611	-183	-40.3	3.3	11.6	1	
265 061420	-183	-60.1	2.03	11.6	1		265 061616	-180	-35.3	3.8	11.6	1	
265 061424	-180	-55.2	2.2	11.6	1		265 061621	-186	-35.3	3.8	11.6	1	
265 061429	-186	-55.2	2.2	11.6	1		265 061624	-192	-35.3	3.5	11.6	1	
265 061433	-192	-55.2	2.1	11.6	1		265 061629	-198	-35.3	3.3	11.6	1	
265 061438	-198	-55.2	2.1	11.6	1		265 061634	-204	-35.3	3.1	11.6	1	
265 061442	-204	-55.2	2.03	11.6	1		265 061639	-210	-35.3	3.1	11.6	1	
265 061447	-210	-55.2	2.03	11.6	1								



Figure 135.—Day 265, survey H, sectors 1 and 2. (USGS 868-296)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
265 061819	-177	-70.1	2.03	11.6	1		265 062539	-177	-45.3	3.1	11.6	1	
265 062351	-177	-65.1	2.03	11.6	1		265 062543	-171	-45.3	3.1	11.7	1	
265 062356	-171	-65.1	2.03	11.6	1		265 062548	-165	-45.3	3.3	11.6	1	
265 062359	-165	-65.1	2.1	11.6	1		265 062553	-159	-45.3	3.3	11.6	1	
265 062404	-159	-65.1	2.1	11.6	1		265 062556	-153	-45.3	3.3	11.6	1	
265 062409	-153	-65.1	2.1	11.6	1		265 062601	-147	-45.3	3.8	11.6	1	
265 062414	-147	-65.1	2.1	11.6	1		265 062611	-144	-40.3	4.1	11.6	1	
265 062417	-144	-60.1	2.3	11.6	1		265 062614	-150	-40.3	4.1	11.6	1	
265 062422	-150	-60.1	2.3	11.6	1		265 062619	-156	-40.3	4.1	11.6	1	
265 062427	-156	-60.1	2.3	11.6	1		265 062624	-162	-40.3	3.8	11.6	1	
265 062432	-162	-60.1	2.3	11.6	1		265 062629	-168	-40.3	3.8	11.6	1	
265 062435	-168	-60.1	2.2	11.6	1		265 062632	-174	-40.3	3.5	11.6	1	
265 062440	-174	-60.1	2.2	11.6	1		265 062637	-177	-35.3	4.1	11.6	1	
265 062445	-177	-55.2	2.5	11.6	1		265 062642	-171	-35.3	4.5	11.6	1	
265 062449	-171	-55.2	2.5	11.6	1		265 062646	-165	-35.3	4.5	11.6	1	
265 062453	-165	-55.2	2.5	11.6	1		265 062650	-159	-35.3	4.9	11.6	1	
265 062458	-159	-55.2	2.6	11.6	1		265 062655	-153	-35.3	4.9	11.6	1	
265 062503	-153	-55.2	2.6	11.6	1		265 062700	-147	-35.3	5.5	11.6	1	
265 062507	-147	-55.2	2.6	11.6	1		265 062704	-144	-30.3	7.2	11.6	1	
265 062512	-144	-50.2	2.9	11.6	1		265 062709	-150	-30.3	7.2	11.6	1	
265 062516	-150	-50.2	2.9	11.6	1		265 062713	-156	-30.3	7.2	11.6	1	
265 062521	-156	-50.2	2.9	11.6	1		265 062718	-162	-30.3	6.2	11.6	1	
265 062525	-162	-50.2	2.7	11.6	1		265 062722	-168	-30.3	6.2	11.6	1	
265 062530	-168	-50.2	2.7	11.6	1		265 062727	-174	-30.3	5.5	11.6	1	
265 062534	-174	-50.2	2.7	11.6	1								

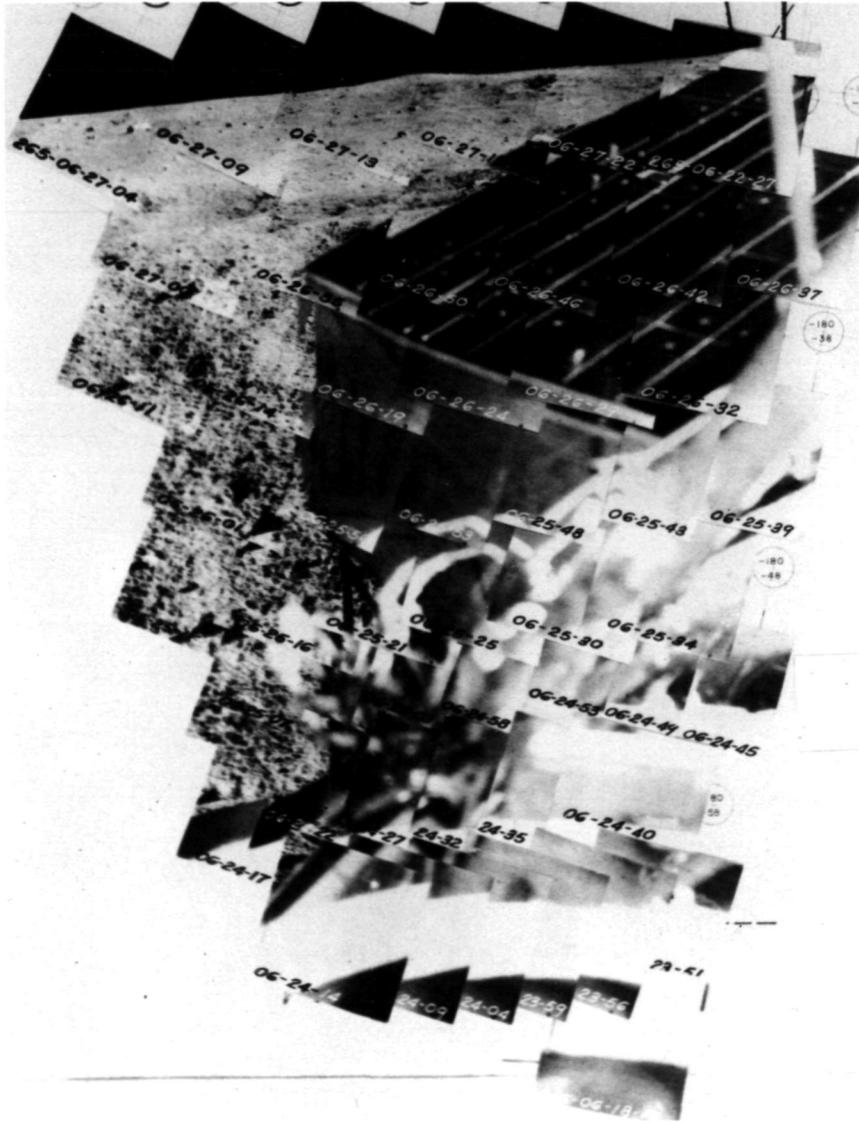


Figure 136.—Day 265, survey H, sectors 3 and 4. (USGS 868-227)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
265 070159	63	-65.1	1.67	11.6	1	DUPLICATE
265 070524	63	-65.1	1.73	11.6	1	
265 070527	69	-65.1	1.67	11.6	1	
265 070608	72	-60.1	1.73	11.6	1	
265 070613	66	-60.1	1.73	11.6	1	
265 070617	63	-55.2	1.79	11.6	1	
265 070622	69	-55.2	1.79	11.6	1	
265 070703	72	-50.2	1.87	11.6	1	
265 070708	66	-50.2	1.87	11.6	1	
265 070711	63	-45.3	1.94	11.6	1	
265 070716	69	-45.3	1.94	11.6	1	
265 070757	72	-40.3	2.1	11.6	1	
265 070800	66	-40.3	2.03	11.6	1	
265 070808	63	-35.3	2.2	11.6	1	
265 070813	69	-35.3	2.2	11.6	1	
265 070854	72	-30.3	2.5	11.6	1	
265 070857	66	-30.3	2.5	11.6	1	



Figure 137.—Day 265, survey H, sector 16. (USGS 868-293)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
265 070532	75	-65.1	1.73	11.6	1		265 070721	75	-45.3	1.94	11.6	1	
265 070537	81	-65.1	1.73	11.6	1		265 070724	81	-45.3	1.94	11.6	1	
265 070542	87	-65.1	1.73	11.6	1		265 070729	87	-45.3	2.03	11.6	1	
265 070546	93	-65.1	1.73	11.6	1		265 070734	93	-45.3	2.03	11.6	1	
265 071025	99	-65.1	1.73	11.6	1	DUPLICATE	265 071310	99	-45.3	2.1	11.6	1	
265 071140	99	-65.1	1.73	11.6	1		265 071314	105	-45.3	2.1	11.6	1	
265 071145	105	-65.1	1.79	11.6	1		265 071345	108	-40.3	2.3	11.6	1	
265 071216	108	-60.1	1.87	11.6	1		265 071350	102	-40.3	2.2	11.6	1	
265 071221	102	-60.1	1.79	11.6	1		265 070739	96	-40.3	2.2	11.6	1	
265 070550	96	-60.1	1.79	11.6	1		265 070742	90	-40.3	2.1	11.6	1	
265 070555	90	-60.1	1.79	11.4	1		265 070747	84	-40.3	2.1	11.6	1	
265 070600	84	-60.1	1.73	11.6	1		265 070752	78	-40.3	2.1	11.6	1	
265 070604	78	-60.1	1.73	11.6	1		265 070817	75	-35.3	2.2	11.6	1	
265 070627	75	-55.2	1.79	11.6	1		265 070821	81	-35.3	2.3	11.6	1	
265 070631	81	-55.2	1.79	11.6	1		265 070826	87	-35.3	2.3	11.6	1	
265 070635	87	-55.2	1.79	11.6	1		265 070831	93	-35.3	2.3	11.6	1	
265 070640	93	-55.2	1.87	11.6	1		265 071359	99	-35.3	2.5	11.6	1	
265 071225	99	-55.2	1.87	11.6	1		265 071403	105	-35.3	2.5	11.6	1	
265 071229	105	-55.2	1.87	11.6	5		265 071435	108	-30.3	2.7	11.6	1	
265 071301	108	-50.2	2.03	11.6	1		265 071438	102	-30.3	2.7	11.6	1	
265 071306	102	-50.2	1.94	11.6	1		265 070835	96	-30.3	2.6	11.6	1	
265 070645	96	-50.2	1.94	11.6	1		265 070839	90	-30.3	2.6	11.6	1	
265 070649	90	-50.2	1.94	11.6	1		265 070844	84	-30.3	2.6	11.6	1	
265 070653	84	-50.2	1.87	11.6	1		265 070849	78	-30.3	2.5	11.6	1	
265 070658	78	-50.2	1.87	11.6	1								



Figure 138.—Day 265, survey H, sectors 17 and 18. (USGS 868-322)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
265 071148	111	-65.1	1.79	11.6	1	
265 071153	117	-65.1	1.79	11.6	1	
265 071158	123	-65.1	1.87	11.6	1	
265 071203	126	-60.1	1.94	11.6	1	
265 071206	120	-60.1	1.87	11.6	1	
265 071211	114	-60.1	1.87	11.6	1	
265 071234	111	-55.2	1.94	11.6	1	
265 071239	117	-55.2	1.94	11.6	1	
265 071243	123	-55.2	2.03	11.6	1	
265 071247	126	-50.2	2.1	11.6	1	
265 071252	120	-50.2	2.1	11.6	1	
265 071256	114	-50.2	2.03	11.6	1	
265 071319	111	-45.3	2.1	11.6	1	
265 071324	117	-45.3	2.2	11.6	1	
265 071328	123	-45.3	2.3	11.6	1	
265 071332	126	-40.3	2.3	11.6	1	
265 071337	120	-40.3	2.3	11.6	1	
265 071342	114	-40.3	2.3	11.6	1	
265 071407	111	-35.3	2.6	11.6	1	
265 071412	117	-35.3	2.6	11.6	1	
265 071417	123	-35.3	2.7	11.6	1	
265 071421	126	-30.3	3.1	11.6	1	
265 071425	120	-30.3	3.1	11.6	1	
265 071430	114	-30.3	2.9	11.6	1	

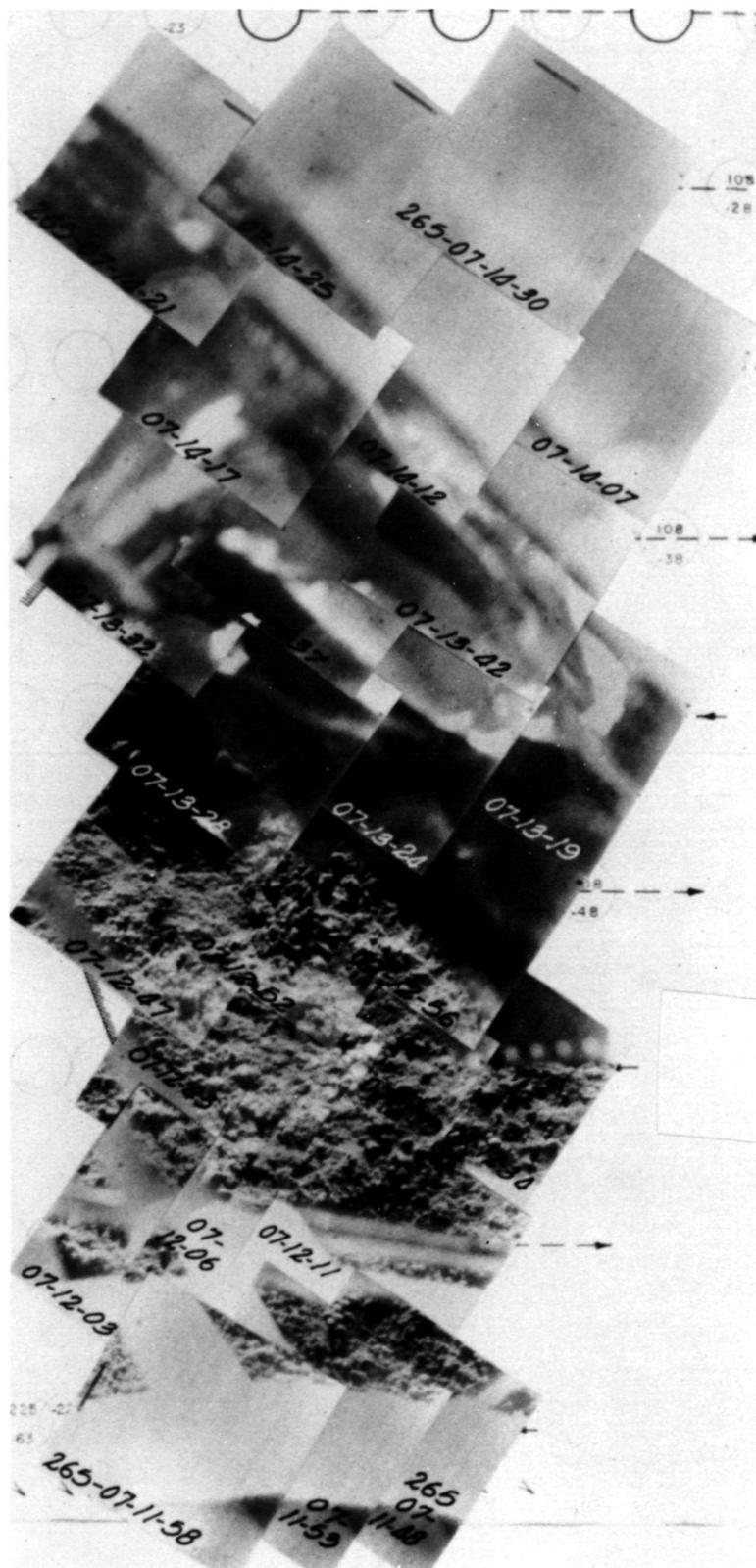


Figure 139.—Day 265, survey H, sector 19. (USGS 868-292)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
265 110843	-213	-65.1	1.87	11.6	1	DUPLICATE	265 111204	-198	-40.3	3.1	11.6	1	
265 110934	-213	-65.1	1.87	11.6	1		265 111209	-204	-40.3	2.9	11.6	1	
265 110938	-207	-65.1	1.87	11.6	1		265 111214	-210	-40.3	2.7	11.6	1	
265 110943	-201	-65.1	1.94	11.6	1		265 111218	-213	-35.3	3.1	11.6	1	
265 110947	-195	-65.1	1.94	11.6	1		265 111222	-207	-35.3	3.3	11.6	1	
265 110952	-189	-65.1	2.03	11.6	1		265 111227	-201	-35.3	3.3	11.6	1	
265 110957	-183	-65.1	2.03	11.6	1		265 111231	-195	-35.3	3.5	11.5	1	
265 111001	-180	-60.1	2.2	11.6	1		265 111236	-189	-35.3	3.8	11.6	1	
265 111005	-186	-60.1	2.1	11.6	1		265 111241	-183	-35.3	4.1	11.6	1	
265 111010	-192	-60.1	2.1	11.6	1		265 111245	-180	-30.3	4.9	11.6	1	DUPLICATE
265 111015	-198	-60.1	2.03	11.6	1		265 111311	-180	-30.3	13.5	11.6	1	
265 111019	-204	-60.1	2.03	11.6	1		265 111326	-186	-30.3	13.5	11.6	1	
265 111023	-210	-60.1	1.94	11.6	1		265 111331	-192	-30.3	10.5	11.6	1	
265 111028	-213	-55.2	2.1	11.6	1		265 111335	-198	-30.3	8.6	11.6	1	
265 111033	-207	-55.2	2.1	11.6	1		265 111340	-204	-30.3	8.6	11.6	1	
265 111036	-201	-55.2	2.2	11.6	1		265 111344	-210	-30.3	7.2	11.6	1	
265 111041	-195	-55.2	2.2	11.6	1		265 111349	-213	-25.3	10.5	11.6	1	
265 111046	-189	-55.2	2.3	11.6	1		265 111353	-207	-25.3	10.5	11.6	1	
265 111051	-183	-55.2	2.3	11.6	1		265 111358	-201	-25.3	13.5	11.6	1	
265 111054	-180	-50.2	2.6	11.6	1		265 111403	-195	-25.3	18	11.6	1	
265 111059	-186	-50.2	2.6	11.6	1		265 111407	-189	-25.3	29	11.6	1	
265 111104	-192	-50.2	2.5	11.6	1		265 111411	-183	-25.3	75	11.6	1	
265 111109	-198	-50.2	2.5	11.6	1		265 111416	-180	-20.3	75	11.6	1	
265 111113	-204	-50.2	2.3	11.6	1		265 111421	-186	-20.3	75	11.6	1	
265 111117	-210	-50.2	2.3	11.6	1		265 111425	-192	-20.3	75	11.6	1	
265 111122	-213	-45.3	2.5	11.6	1		265 111429	-198	-20.3	29	11.6	1	
265 111127	-207	-45.3	2.6	11.6	1		265 111434	-204	-20.3	13.5	11.5	1	
265 111131	-201	-45.3	2.6	11.6	1		265 111439	-210	-20.3	13.5	11.6	1	
265 111135	-195	-45.3	2.7	11.6	1		265 111445	-213	-15.3	29	11.6	1	
265 111140	-189	-45.3	2.7	11.6	1		265 111450	-207	-15.3	75	11.6	1	
265 111144	-183	-45.3	2.9	11.6	1		265 111454	-201	-15.3	75	11.6	1	
265 111151	-180	-40.3	3.5	11.6	1		265 111458	-195	-15.3	75	11.6	1	
265 111156	-186	-40.3	3.1	11.6	1		265 111503	-189	-15.3	75	11.6	1	
265 111200	-192	-40.3	3.1	11.6	1		265 111508	-183	-15.3	75	11.6	1	

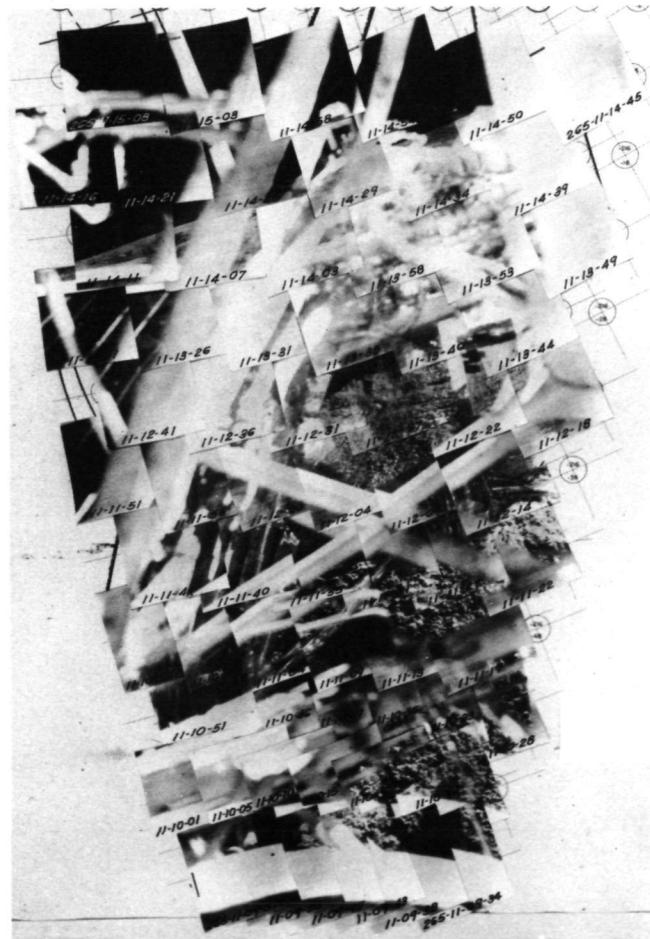


Figure 140.—Day 265, survey I, sectors 1 and 2. (USGS 868-324)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
265 112306	-141	-65.1	2.1	11.6	1	
265 112347	-135	-65.1	2.1	11.6	1	
265 112352	-129	-65.1	2.1	11.6	1	
265 112356	-123	-65.1	2.1	11.5	1	
265 112401	-117	-65.1	2.1	11.6	1	
265 112406	-111	-65.1	2.1	11.6	1	
265 112410	-108	-60.1	2.2	11.6	1	
265 112414	-114	-60.1	2.2	11.6	1	
265 112419	-120	-60.1	2.2	11.6	1	
265 112424	-126	-60.1	2.2	11.6	1	
265 112428	-132	-60.1	2.2	11.6	1	
265 112432	-138	-60.1	2.2	11.6	1	
265 112437	-141	-55.2	2.5	11.6	1	
265 112442	-135	-55.2	2.5	11.6	1	
265 112445	-129	-55.2	2.5	11.6	1	
265 112450	-123	-55.2	2.5	11.6	1	
265 112455	-117	-55.2	2.5	11.6	1	
265 112500	-111	-55.2	2.5	11.6	1	
265 112503	-108	-50.2	2.7	11.6	1	
265 112508	-114	-50.2	2.9	11.6	1	
265 112513	-120	-50.2	2.9	11.6	1	
265 112518	-126	-50.2	2.9	11.6	1	
265 112521	-132	-50.2	2.9	11.6	1	
265 112526	-138	-50.2	2.9	11.6	1	
265 112532	-141	-45.3	3.3	11.6	1	
265 112537	-135	-45.3	3.3	11.6	1	
265 112542	-129	-45.3	3.3	11.6	1	
265 112547	-123	-45.3	3.3	11.6	1	
265 112550	-117	-45.3	3.3	11.6	1	
265 112555	-111	-45.3	3.3	11.6	1	
265 112600	-108	-40.3	3.8	11.5	1	
265 112605	-114	-40.3	3.8	11.6	1	
265 112609	-120	-40.3	4.1	11.6	1	
265 112613	-126	-40.3	4.1	11.6	1	
265 112618	-132	-40.3	3.8	11.6	1	
265 112622	-138	-40.3	3.8	11.6	1	
265 112628	-141	-35.3	4.9	11.6	1	
265 112631	-135	-35.3	4.9	11.6	1	
265 112636	-129	-35.3	4.9	11.6	1	
265 112658	-129	-35.3	3.8	11.6	1	DUPLICATE
265 112714	-123	-35.3	3.8	11.6	1	
265 112717	-117	-35.3	3.8	11.6	1	
265 112722	-111	-35.3	3.8	11.6	1	
265 112727	-108	-30.3	4.5	11.6	1	
265 112732	-114	-30.3	4.5	11.6	1	
265 112735	-120	-30.3	4.9	11.6	1	
265 112740	-126	-30.3	4.9	11.6	1	
265 112745	-132	-30.3	4.5	11.6	1	
265 112750	-138	-30.3	4.5	11.6	1	
265 112759	-141	-25.3	6.2	11.6	1	
265 112804	-135	-25.3	6.2	11.6	1	
265 112808	-129	-25.3	6.2	11.6	1	
265 112813	-123	-25.3	6.2	11.6	1	
265 112818	-117	-25.3	6.2	11.6	1	
265 112822	-111	-25.3	6.2	11.6	1	
265 112827	-108	-20.3	6.2	11.6	1	

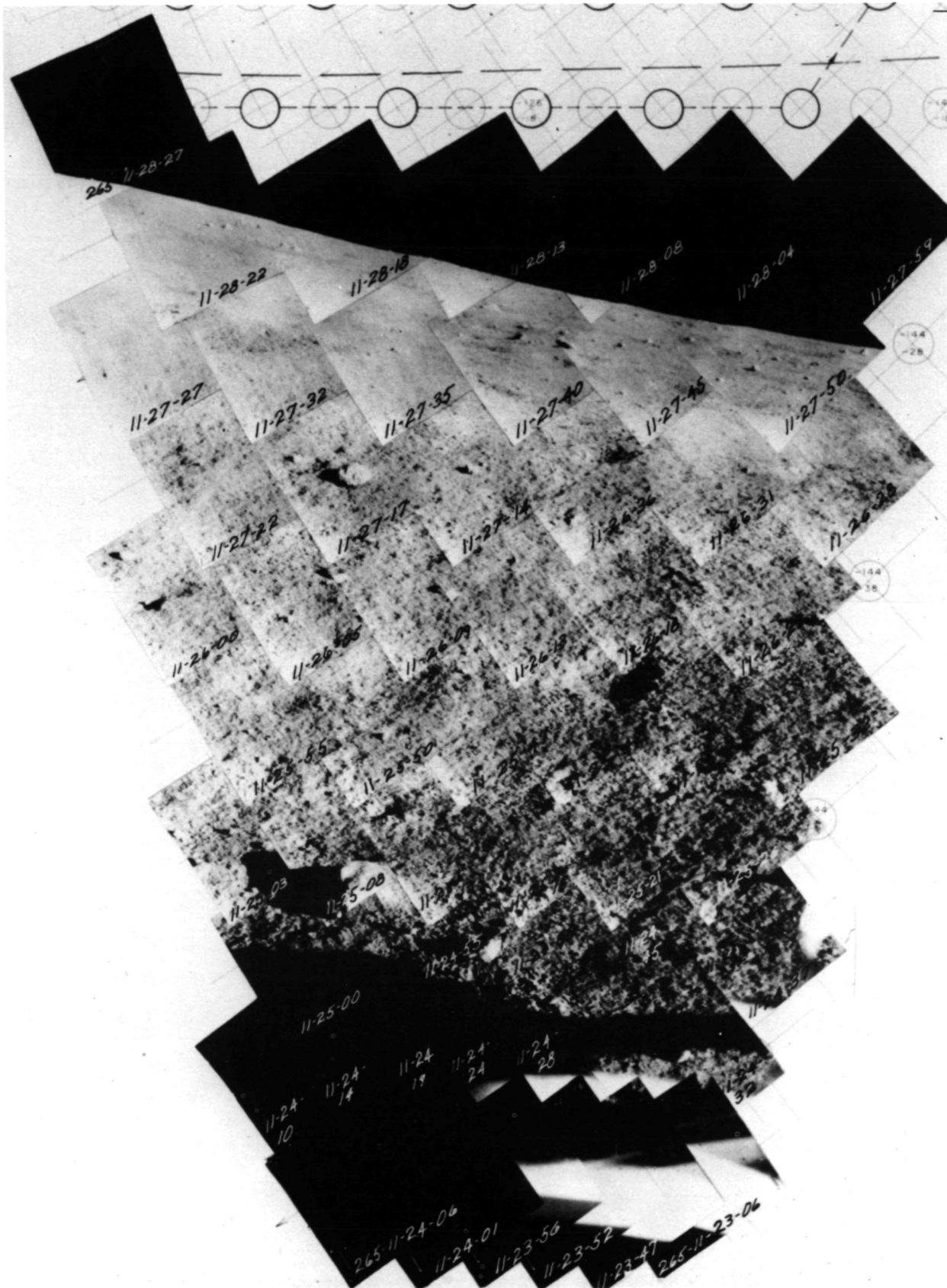


Figure 142.—Day 265, survey I, sectors 5 and 6. (USGS 868-280)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
265 113016	-105	-65.1	1.73	16.7	1	DUPLICATE
265 113406	-105	-65.1	2.03	16.7	1	DUPLICATE
265 113436	-105	-65.1	2.03	16.6	1	
265 113441	-99	-65.1	1.94	16.3	1	
265 113446	-93	-65.1	1.94	16.7	1	
265 113451	-87	-65.1	1.94	16.7	1	
265 113454	-81	-65.1	1.94	16.7	1	
265 113459	-75	-65.1	1.87	16.7	1	
265 113504	-72	-60.1	2.03	10.0	1	
265 113508	-78	-60.1	2.03	16.7	1	
265 113512	-84	-60.1	2.1	16.7	1	
265 113517	-90	-60.1	2.1	16.7	1	
265 113522	-96	-60.1	2.1	16.6	1	
265 113526	-102	-60.1	2.1	16.7	1	
265 113531	-105	-55.2	2.3	16.7	1	
265 113535	-99	-55.2	2.3	16.7	1	
265 113540	-93	-55.2	2.3	16.6	1	
265 113545	-87	-55.2	0.96	16.6	1	NO I D, GMT EST
265 113549	-81	-55.2	2.2	16.6	1	
265 113553	-75	-55.2	2.2	16.6	1	
265 113558	-72	-50.2	2.5	16.7	1	
265 113602	-78	-50.2	2.5	16.6	1	
265 113607	-84	-50.2	2.5	16.7	1	
265 113612	-90	-50.2	2.6	16.7	1	
265 113615	-96	-50.2	2.6	16.7	1	
265 113620	-102	-50.2	2.6	16.6	1	
265 113627	-105	-45.3	3.1	16.7	1	
265 113632	-99	-45.3	2.9	16.7	1	
265 113636	-93	-45.3	2.9	16.7	1	
265 113641	-87	-45.3	2.9	16.7	1	
265 113645	-81	-45.3	2.7	16.6	1	
265 113650	-75	-45.3	2.7	16.6	1	
265 113654	-72	-40.3	3.1	16.6	1	
265 113659	-78	-40.3	3.1	16.7	1	
265 113703	-84	-40.3	3.3	16.7	1	
265 113708	-90	-40.3	3.3	16.7	1	
265 113712	-96	-40.3	3.5	16.7	1	
265 113717	-102	-40.3	3.5	16.6	1	
265 113721	-105	-35.3	4.5	16.7	1	
265 113726	-99	-35.3	4.1	16.7	1	
265 113731	-93	-35.3	4.1	16.6	1	
265 113735	-87	-35.3	4.1	16.7	1	
265 113740	-81	-35.3	3.8	16.6	1	
265 113744	-75	-35.3	3.8	16.7	1	
265 113806	-75	-35.3	3.3	16.7	1	DUPLICATE
265 113819	-72	-30.3	3.8	16.6	1	
265 113824	-78	-30.3	3.8	16.7	1	
265 113829	-84	-30.3	4.1	16.6	1	
265 113834	-90	-30.3	4.1	16.7	1	
265 113837	-96	-30.3	4.5	16.7	1	
265 113842	-102	-30.3	4.5	16.6	1	
265 113851	-105	-25.3	6.2	16.6	1	
265 113854	-99	-25.3	5.5	16.6	1	
265 113859	-93	-25.3	5.5	16.7	1	
265 113904	-87	-25.3	4.9	16.6	1	
265 113909	-81	-25.3	4.9	16.6	1	
265 113912	-75	-25.3	4.5	16.6	1	
265 113917	-72	-20.3	6.2	16.6	1	
265 113922	-78	-20.3	6.2	16.7	1	
265 113927	-84	-20.3	7.2	16.6	1	
265 113932	-90	-20.3	8.6	16.7	1	DUPLICATE
265 113959	-90	-20.3	29	16.6	1	
265 114013	-96	-20.3	75	16.7	1	
265 114018	-102	-20.3	75	16.6	1	
265 114022	-105	-15.3	75	16.6	1	
265 114027	-99	-15.3	75	16.6	1	
265 114031	-93	-15.3	75	16.7	1	
265 114036	-87	-15.3	75	16.7	1	
265 114040	-81	-15.3	75	16.7	1	
265 114045	-75	-15.3	75	16.7	1	
265 114049	-72	-10.5	75	16.4	1	
265 114054	-78	-10.5	75	16.7	1	
265 114059	-84	-10.5	75	16.6	1	
265 114102	-90	-10.5	75	16.6	1	
265 114107	-96	-10.5	75	16.7	1	
265 114112	-102	-10.5	75	16.7	1	
265 114117	-105	-5.6	75	16.6	1	
265 114120	-99	-5.6	75	16.7	1	
265 114125	-93	-5.6	75	16.6	1	
265 114130	-87	-5.6	75	16.7	1	
265 114135	-81	-5.6	75	16.7	1	
265 114138	-75	-5.6	75	16.6	1	



Figure 143.—Day 265, survey I, sectors 7 and 8. (USGS 868-224)

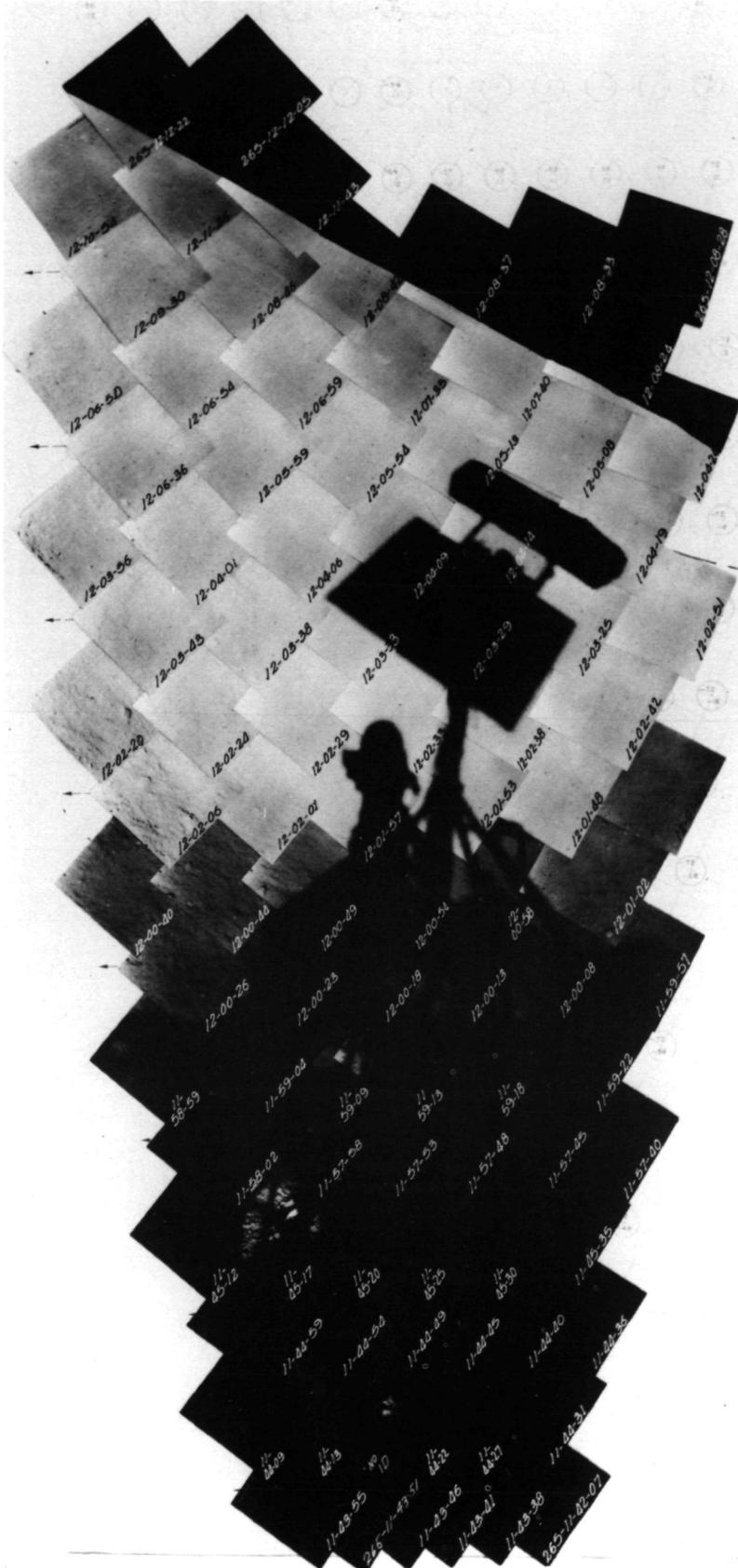


Figure 144.—Day 265, survey I, sectors 9 and 10. (USGS 868-284)

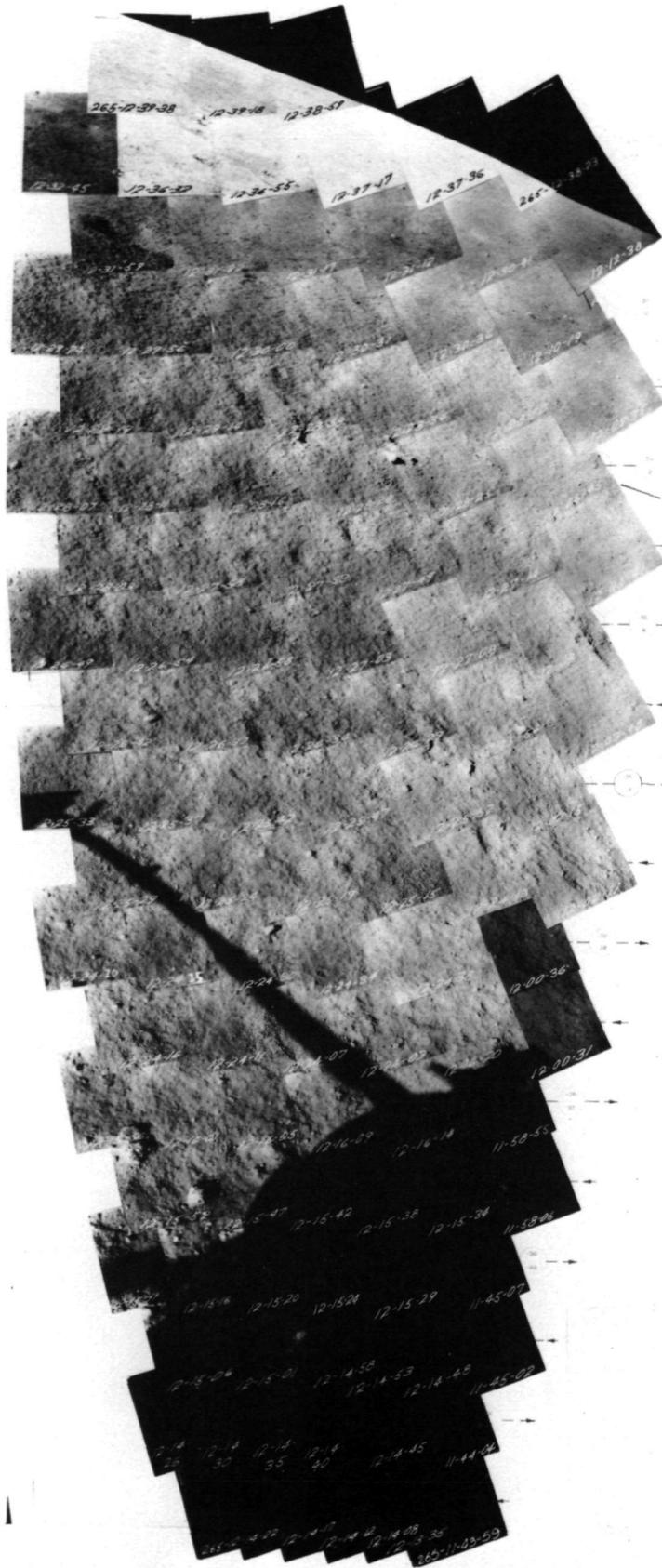


Figure 145.—Day 265, survey I, sectors 11 and 12. (USGS 868-212)

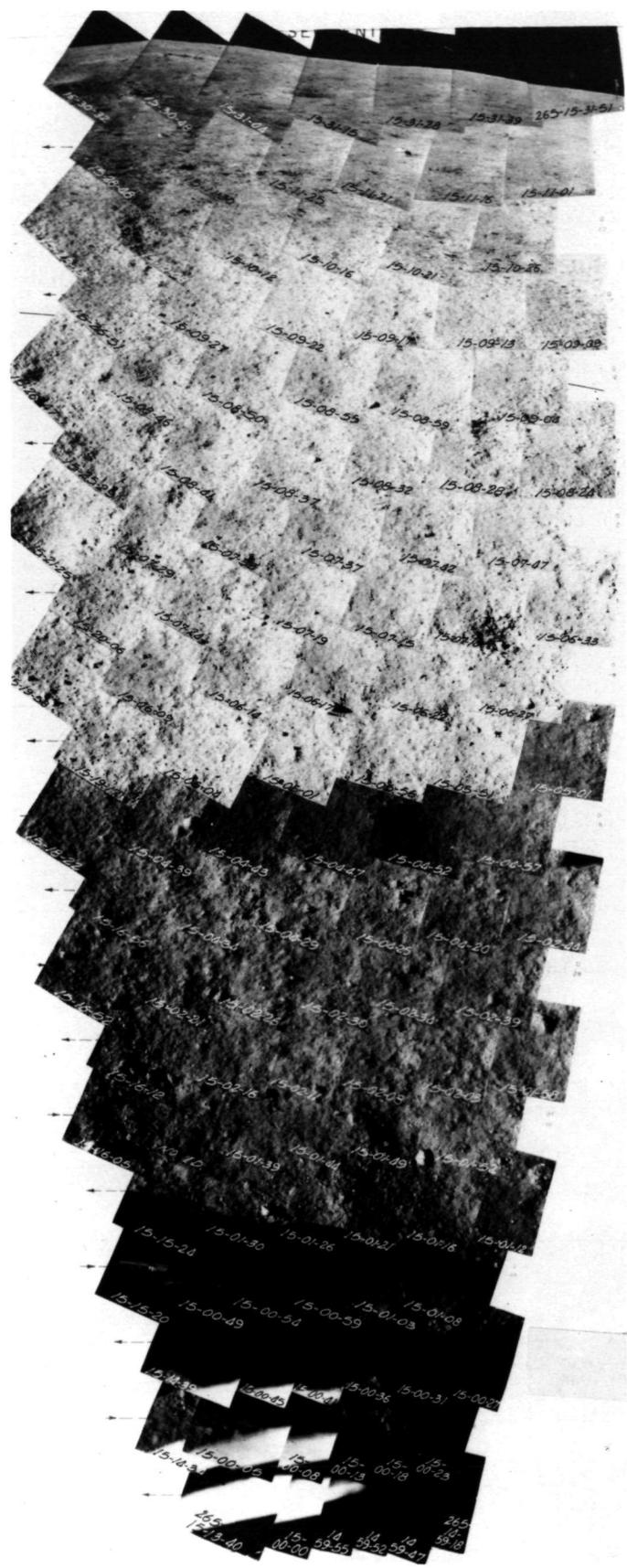


Figure 146.—Day 265, survey J, sectors 13 and 14. (USGS 868-319)

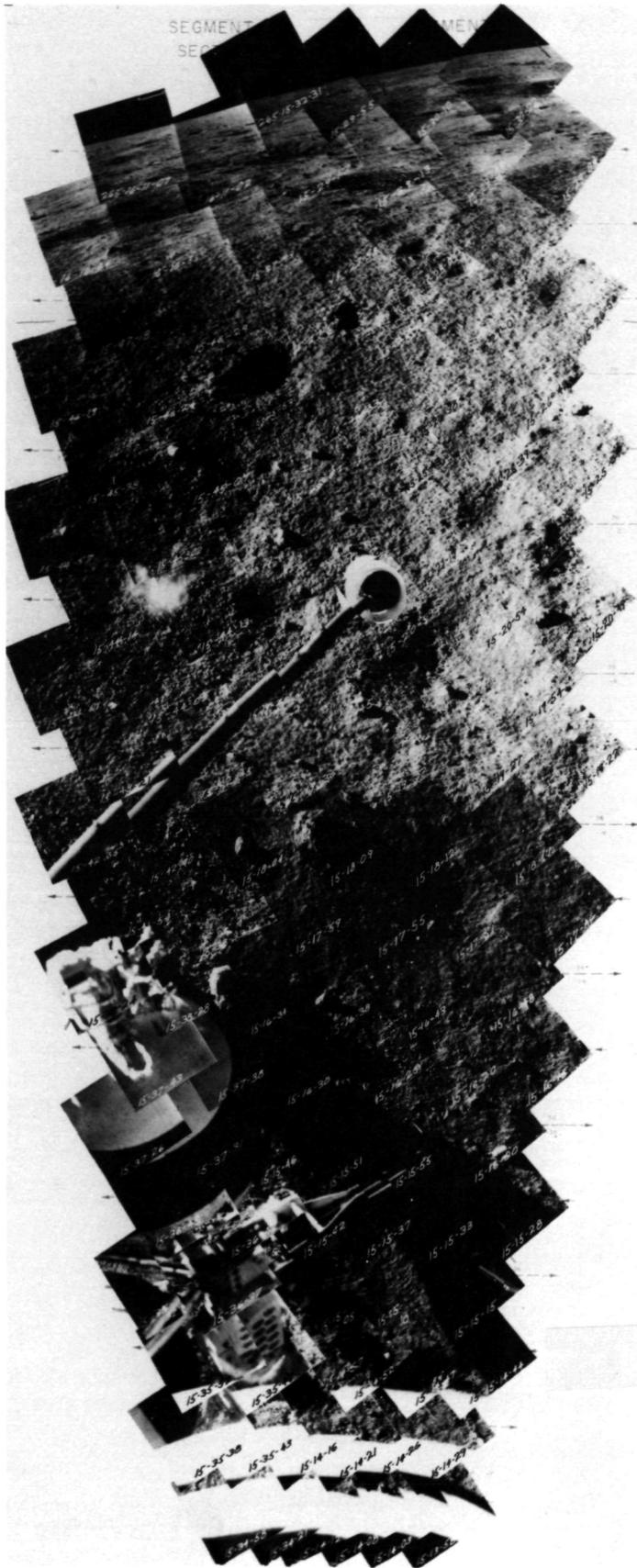


Figure 147.—Day 265, survey J, sectors 15 and 16. (USGS 868-263)



Figure 148.—Day 265, survey J, sectors 17 and 18. (USGS 868-237)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
265 161417	111	-65.1	1.58	11.6	1	
265 161422	117	-65.1	1.61	11.6	1	
265 161427	120	-60.1	1.67	11.6	1	
265 161430	114	-60.1	1.61	4.9	1	
265 161503	111	-55.2	1.67	11.6	1	
265 161506	117	-55.2	1.67	11.6	1	
265 161511	120	-50.2	1.73	11.6	1	
265 161516	114	-50.2	1.73	11.6	1	
265 161547	111	-45.3	1.79	11.6	1	
265 161552	117	-45.3	1.87	11.6	1	
265 161556	120	-40.3	2.03	11.6	1	
265 161601	114	-40.3	1.94	11.6	1	
265 162745	111	-35.3	1.73	11.6	1	
265 162749	117	-35.3	1.73	11.6	1	
265 162754	123	-35.3	1.79	11.6	1	
265 162759	123	-30.3	1.94	11.6	1	
265 162803	120	-30.3	1.94	11.6	1	
265 162807	114	-30.3	1.87	11.6	1	
265 162830	111	-25.3	2.03	11.6	1	
265 162834	117	-25.3	2.1	11.6	1	
265 162839	123	-25.3	2.1	11.6	1	
265 162844	126	-20.3	2.5	11.6	1	
265 162848	120	-20.3	2.3	11.6	1	
265 162853	114	-20.3	2.3	11.6	1	
265 162915	111	-15.3	2.6	11.6	1	
265 162920	117	-15.3	2.6	11.6	1	
265 162925	123	-15.3	2.7	11.6	1	
265 162938	126	-10.5	3.3	11.6	1	
265 162943	120	-10.5	3.1	11.6	1	
265 162947	114	-10.5	2.9	11.6	1	
265 163009	111	-5.6	3.3	4.9	1	
265 163014	117	-5.6	3.5	11.6	1	
265 163019	123	-5.6	3.8	11.6	1	
265 163025	126	-0.7	6.2	11.6	1	
265 163028	120	-0.7	4.9	11.6	1	
265 163033	114	-0.7	4.1	11.6	1	
265 163344	111	4.3	18	11.6	1	
265 163348	117	4.3	18	11.6	1	
265 163353	123	4.3	18	11.6	1	
265 163357	126	9.3	18	11.6	1	
265 163402	120	9.3	18	11.6	1	
265 163407	114	9.3	5.5	4.9	1	
265 163429	111	14.4	18	11.6	1	
265 163433	117	14.4	18	11.6	1	
265 163438	123	14.4	18	11.6	1	
265 163533	63	-65.1	1.52	11.6	1	NOT SHOWN
265 163600	3	-65.1	1.61	11.6	1	NOT SHOWN
265 163635	-60	-60.1	1.87	11.6	1	NOT SHOWN
265 163851	-60	-65.1	1.73	11.6	1	NOT SHOWN
265 163944	-60	-60.1	1.73	23.7	1	NOT SHOWN
265 164040	-60	-60.1	1.73	23.6	1	NOT SHOWN

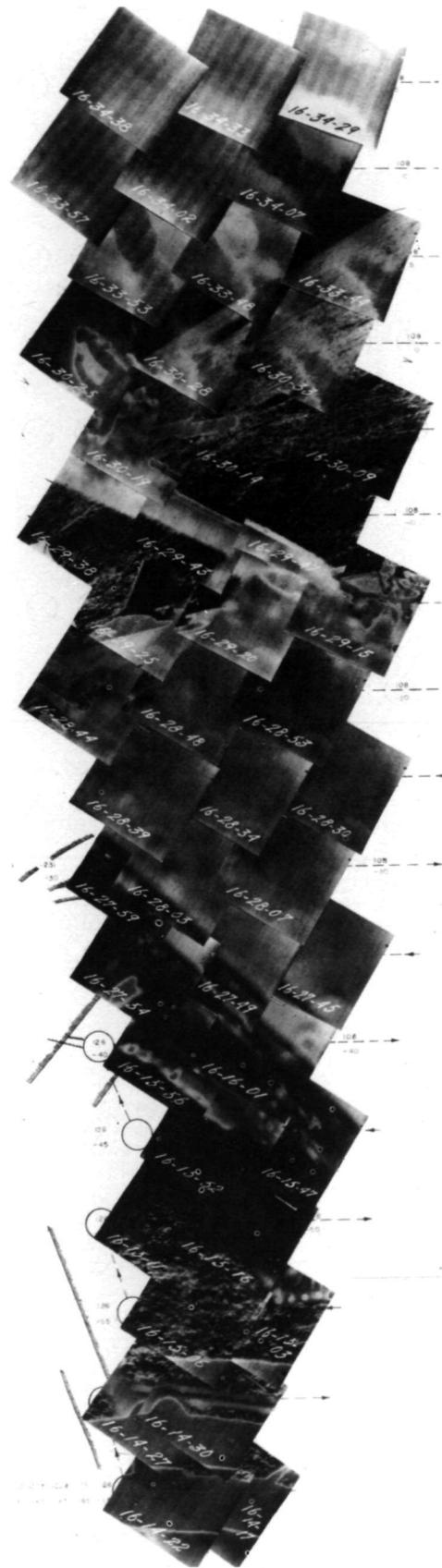


Figure 149.—Day 265, survey J, sector 19. (USGS 868-341)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
266 085906	-213	-65.1	1.94	8.1	1		266 090224	-198	-40.3	1.46	8.1	1	
266 085956	-207	-65.1	1.94	8.1	1		266 090229	-204	-40.3	3.1	8.1	1	
266 085854	-201	-65.1	0.96	3.9	1	DUPLICATE	266 090232	-210	-40.3	2.9	8.1	1	
266 090001	-201	-65.1	2.03	8.1	1		266 090237	-213	-35.3	3.3	8.1	1	
266 090006	-195	-65.1	2.03	8.1	1		266 090242	-207	-35.3	3.5	8.1	1	
266 090010	-189	-65.1	2.1	8.1	1		266 090247	-201	-35.3	3.5	8.1	1	
266 090014	-183	-65.1	2.1	8.0	1		266 090250	-195	-35.3	3.8	8.1	1	
266 090019	-180	-60.1	2.3	8.1	1		266 090255	-189	-35.3	4.1	8.1	1	
266 090023	-186	-60.1	1.96	8.1	1		266 090300	-183	-35.3	4.5	8.1	1	
266 090028	-192	-60.1	2.2	8.1	1		266 090305	-180	-30.3	5.5	8.1	1	DUPLICATE
266 090032	-198	-60.1	2.1	8.1	1		266 090334	-180	-30.3	18	8.1	1	
266 090037	-204	-60.1	2.1	8.1	1		266 090349	-186	-30.3	1.96	8.0	1	
266 090041	-210	-60.1	2.03	8.1	1		266 090354	-192	-30.3	1.96	11.1	1	
266 090046	-213	-55.2	2.2	8.1	1		266 090358	-198	-30.3	1.96	8.1	1	
266 090050	-207	-55.2	2.2	8.1	1		266 090403	-204	-30.3	8.6	8.1	1	
266 090055	-201	-55.2	2.3	8.1	1		266 090408	-210	-25.3	1.96	16.9	1	
266 090059	-195	-55.2	2.3	8.1	1		266 090411	-213	-25.3	13.5	8.1	1	
266 090104	-189	-55.2	2.5	8.1	1		266 090416	-207	-25.3	13.5	8.1	1	
266 090109	-183	-55.2	2.5	8.1	1		266 090421	-201	-25.3	18	8.1	1	
266 090112	-180	-50.2	2.7	8.1	1		266 090426	-195	-25.3	29	8.1	1	
266 090117	-186	-50.2	1.96	8.1	1		266 090429	-189	-25.3	75	8.1	1	
266 090122	-192	-50.2	2.6	8.1	1		266 090434	-183	-25.3	75	8.1	1	
266 090127	-198	-50.2	2.6	8.1	1		266 090439	-180	-20.3	75	8.1	1	
266 090130	-204	-50.2	2.5	8.1	1		266 090444	-186	-20.3	75	8.1	1	
266 090135	-210	-50.2	2.5	8.1	1		266 090447	-192	-20.3	75	8.1	1	
266 090140	-213	-45.3	2.6	8.1	5		266 090452	-198	-20.3	29	8.1	1	
266 090145	-207	-45.3	2.7	8.1	1		266 090457	-204	-20.3	13.5	8.1	1	
266 090148	-201	-45.3	2.7	8.1	1		266 090502	-210	-20.3	13.5	8.1	1	
266 090153	-195	-45.3	2.9	8.1	1		266 090509	-213	-15.3	29	8.1	1	
266 090158	-189	-45.3	2.9	8.1	1		266 090512	-207	-15.3	75	8.1	1	
266 090203	-183	-45.3	3.1	8.1	1		266 090517	-201	-15.3	75	8.1	1	
266 090211	-180	-40.3	3.8	8.1	1		266 090522	-195	-15.3	29	8.0	1	
266 090214	-186	-40.3	3.5	8.1	1		266 090527	-189	-15.3	75	8.1	1	
266 090219	-192	-40.3	3.3	8.1	1		266 090530	-183	-15.3	75	8.1	1	

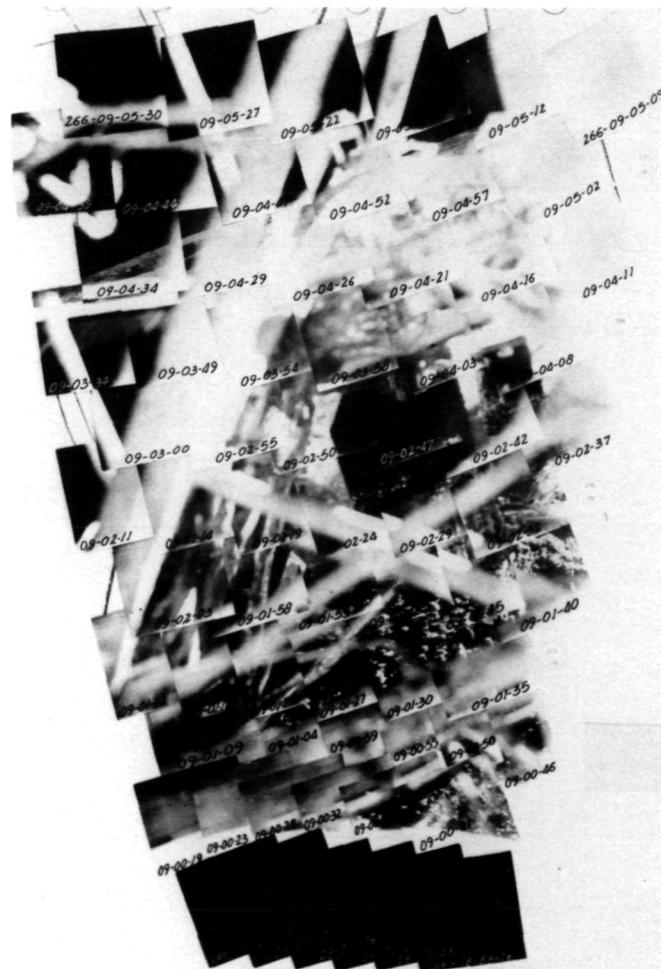


Figure 150.—Day 266, survey K, sectors 1 and 2. (USGS 868-222)

SURVEYOR 5 TELEVISION PICTURE DATA

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
266 090623	-177	-65.1	75	25.4	1		266 091508	-159	-45.3	2.7	8.1	1	
266 090808	-177	-65.1	1.79	8.1	1	DUPLICATE	266 091513	-153	-45.3	2.7	8.1	1	
266 091306	-177	-65.1	1.79	8.1	1	DUPLICATE	266 091518	-147	-45.3	196	16.9	1	
266 091311	-171	-65.1	1.87	8.1	1		266 091525	-144	-40.3	3.3	8.1	1	
266 091316	-165	-65.1	196	8.1	1		266 091530	-150	-40.3	3.3	8.1	1	
266 091321	-159	-65.1	1.87	8.1	1		266 091533	-156	-40.3	3.3	8.1	1	
266 091324	-153	-65.1	29	16.6	1		266 091538	-162	-40.3	3.1	8.1	1	
266 091329	-147	-65.1	1.87	8.1	1		266 091543	-168	-40.3	3.1	8.1	1	
266 091334	-144	-60.1	2.03	8.1	1		266 091548	-174	-40.3	196	8.0	1	
266 091339	-150	-60.1	2.03	8.1	1		266 091551	-177	-35.3	3.3	8.1	1	
266 091342	-156	-60.1	2.03	8.1	1		266 091556	-171	-35.3	3.5	8.1	1	
266 091347	-162	-60.1	2.03	8.1	1		266 091601	-165	-35.3	3.5	8.1	1	
266 091352	-168	-60.1	1.94	8.1	1		266 091606	-159	-35.3	3.8	8.1	1	
266 091357	-174	-60.1	1.94	25.4	1		266 091609	-153	-35.3	3.8	8.1	1	
266 091400	-177	-55.2	2.1	8.1	1		266 091614	-147	-35.3	4.1	8.1	1	
266 091405	-171	-55.2	2.1	8.1	1		266 091619	-144	-30.3	4.9	8.1	1	DUPLICATE
266 091410	-165	-55.2	2.1	8.1	1		266 091715	-144	-30.3	18	8.0	1	
266 091415	-159	-55.2	2.2	8.1	1		266 091745	-150	-30.3	29	8.1	1	
266 091419	-153	-55.2	2.2	8.1	1		266 091749	-156	-30.3	196	8.1	1	
266 091423	-147	-55.2	2.2	8.1	1		266 091754	-162	-30.3	18	8.1	1	
266 091428	-144	-50.2	2.5	8.1	1		266 091759	-168	-30.3	18	8.1	1	
266 091432	-150	-50.2	2.5	8.1	1		266 091804	-174	-30.3	13.5	8.1	1	
266 091437	-156	-50.2	2.5	25.4	1		266 091807	-177	-25.3	29	8.1	1	
266 091441	-162	-50.2	2.3	8.1	1		266 091812	-171	-25.3	75	8.1	1	
266 091446	-168	-50.2	2.3	8.1	1		266 091817	-165	-25.3	75	8.1	1	
266 091450	-174	-50.2	2.3	8.0	1		266 091822	-159	-25.3	75	8.1	1	
266 091455	-177	-45.3	2.6	8.1	1		266 091825	-153	-25.3	75	8.1	1	
266 091459	-171	-45.3	2.6	8.1	1		266 091830	-147	-25.3	29	8.0	1	
266 091503	-165	-45.3	2.7	8.1	1								

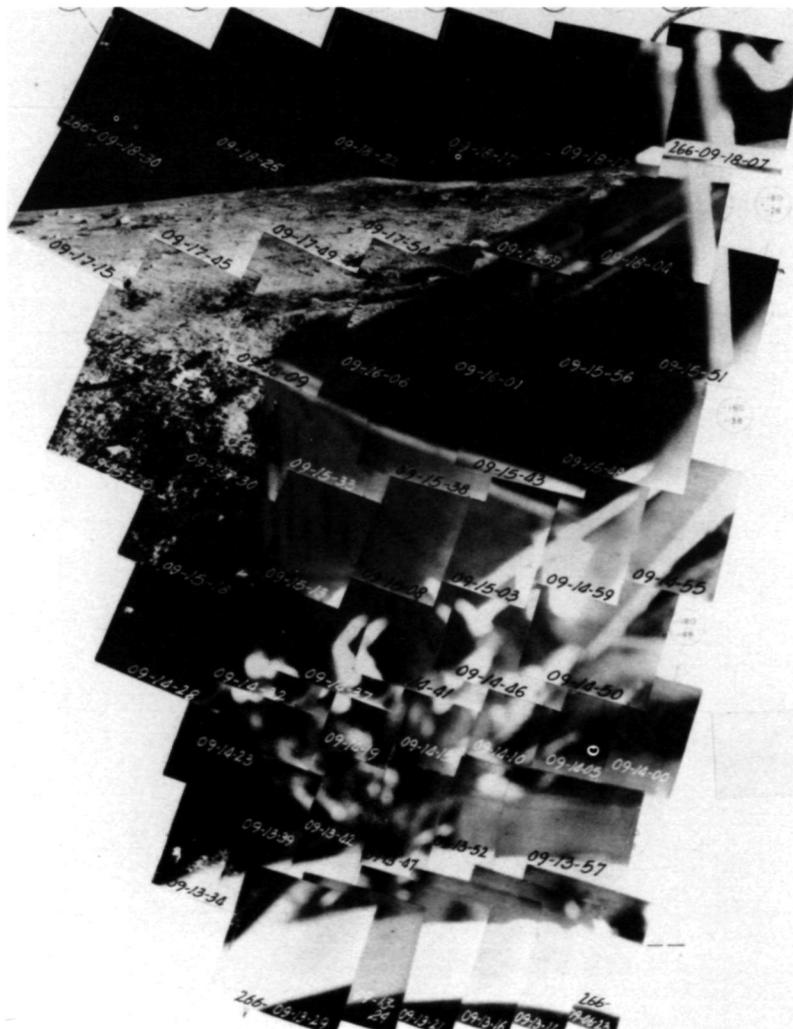


Figure 151.—Day 266, survey K, sectors 3 and 4. (USGS 868-250)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
266 092217	-141	-65.1	2.1	8.1	1	
266 092243	-135	-65.1	2.1	8.1	1	
266 092248	-129	-65.1	2.1	8.1	1	
266 092253	-123	-65.1	2.1	8.1	1	
266 092258	-117	-65.1	2.1	8.1	1	
266 092301	-111	-65.1	2.1	8.1	1	
266 092306	-108	-60.1	2.2	8.1	1	
266 092311	-114	-60.1	2.2	8.1	1	
266 092316	-120	-60.1	2.2	8.1	1	
266 092319	-126	-60.1	196	16.6	1	
266 092324	-132	-60.1	2.2	8.1	1	
266 092329	-138	-60.1	0.96	8.1	1	
266 092334	-141	-55.2	0.96	8.1	1	
266 092338	-135	-55.2	0.96	8.1	1	
266 092342	-129	-55.2	2.5	8.1	1	
266 092347	-123	-55.2	2.5	8.1	1	
266 092351	-117	-55.2	2.5	8.1	1	
266 092356	-111	-55.2	196	14.0	5	
266 092400	-108	-50.2	2.7	8.1	1	
266 092405	-114	-50.2	2.9	8.1	1	
266 092409	-120	-50.2	2.9	8.1	1	
266 092414	-126	-50.2	2.9	8.1	1	
266 092418	-132	-50.2	2.9	8.1	1	
266 092422	-138	-50.2	2.9	8.1	1	
266 092451	-141	-45.3	3.3	8.1	1	
266 092455	-135	-45.3	3.3	8.1	1	
266 092500	-129	-45.3	3.3	8.1	1	
266 092504	-123	-45.3	3.3	8.1	1	
266 092509	-117	-45.3	3.3	8.1	1	
266 092513	-111	-45.3	3.3	8.1	1	
266 092517	-108	-40.3	3.8	8.1	5	
266 092522	-114	-40.3	3.8	8.1	1	
266 092527	-120	-40.3	4.1	8.1	1	
266 092532	-126	-40.3	4.1	8.1	1	
266 092535	-132	-40.3	3.8	8.1	1	
266 092540	-138	-40.3	3.8	8.1	1	
266 092545	-141	-35.3	4.9	8.1	1	
266 092550	-135	-35.3	4.9	8.1	1	
266 092554	-129	-35.3	4.5	8.1	1	
266 092628	-129	-35.3	196	8.1	1	DUPLICATE
266 092640	-123	-35.3	3.8	8.1	1	
266 092645	-117	-35.3	3.8	8.1	1	
266 092649	-111	-35.3	3.8	8.1	1	
266 092654	-108	-30.3	4.5	8.1	1	
266 092658	-114	-30.3	4.5	8.1	1	
266 092703	-120	-30.3	4.9	8.1	1	
266 092707	-126	-30.3	4.9	11.0	1	
266 092712	-132	-30.3	4.5	8.1	1	
266 092716	-138	-30.3	4.5	8.1	1	
266 092724	-141	-25.3	6.2	8.1	1	
266 092729	-135	-25.3	6.2	8.1	1	
266 092734	-129	-25.3	6.2	8.1	1	
266 092737	-123	-25.3	6.2	8.1	1	
266 092742	-117	-25.3	6.2	8.1	1	
266 092747	-111	-25.3	6.2	8.1	1	
266 092753	-108	-20.3	13.5	8.1	1	
266 092756	-114	-20.3	13.5	8.1	1	



Figure 152.—Day 266, survey K, sectors 5 and 6. (USGS 868-228)

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
266 092951	-105	-65.1	2.03	11.5	1	DUPLICATE
266 093020	-105	-65.1	2.03	11.5	1	
266 093023	-99	-65.1	1.94	11.5	1	
266 093028	-93	-65.1	1.94	11.5	1	
266 093033	-87	-65.1	1.96	25.4	1	
266 093038	-81	-65.1	1.96	25.4	1	
266 093041	-75	-65.1	1.87	11.5	1	
266 093046	-72	-60.1	2.03	11.5	1	
266 093051	-78	-60.1	2.03	11.5	1	
266 093056	-84	-60.1	2.1	11.5	1	
266 093059	-90	-60.1	2.1	11.5	1	
266 093104	-96	-60.1	2.1	11.5	1	
266 093109	-102	-60.1	2.1	11.5	1	
266 093113	-105	-55.2	2.3	11.5	1	
266 093118	-99	-55.2	2.3	11.5	1	
266 093122	-93	-55.2	2.3	11.5	1	
266 093127	-87	-55.2	2.3	11.5	1	
266 093131	-81	-55.2	2.2	11.5	1	
266 093136	-75	-55.2	2.2	11.5	1	
266 093140	-72	-50.2	2.5	11.5	1	
266 093144	-78	-50.2	2.5	11.5	1	
266 093149	-84	-50.2	2.5	4.7	1	
266 093154	-90	-50.2	2.6	11.5	1	
266 093158	-96	-50.2	2.6	11.5	1	
266 093202	-102	-50.2	2.6	11.5	1	
266 093211	-105	-45.3	3.1	11.5	1	
266 093216	-99	-45.3	2.9	11.5	1	
266 093220	-93	-45.3	2.9	11.5	1	
266 093225	-87	-45.3	2.9	11.5	1	
266 093229	-81	-45.3	2.7	11.5	1	
266 093233	-75	-45.3	2.7	11.5	1	
266 093238	-72	-40.3	3.1	11.5	1	
266 093243	-78	-40.3	3.1	11.5	1	
266 093247	-84	-40.3	3.1	11.3	1	
266 093251	-90	-40.3	3.1	11.3	1	
266 093256	-96	-40.3	3.5	11.5	1	
266 093301	-102	-40.3	1.96	11.5	1	
266 093306	-105	-35.3	4.5	11.5	1	
266 093311	-99	-35.3	4.1	11.5	1	
266 093314	-93	-35.3	4.1	11.5	1	
266 093319	-87	-35.3	4.1	11.5	1	
266 093324	-81	-35.3	3.8	11.5	1	
266 093328	-75	-35.3	3.8	11.5	1	
266 093351	-72	-30.3	3.3	11.5	1	
266 093726	-72	-30.3	3.8	16.5	1	DUPLICATE
266 093731	-78	-30.3	3.8	16.5	1	
266 093736	-84	-30.3	4.1	16.5	1	
266 093741	-90	-30.3	3.8	16.1	1	
266 093744	-96	-30.3	4.5	16.5	1	
266 093749	-102	-30.3	4.5	16.5	1	
266 093757	-105	-25.3	6.2	16.5	1	
266 093802	-99	-25.3	5.5	16.5	1	
266 093806	-93	-25.3	5.5	16.5	1	
266 093810	-87	-25.3	4.9	16.5	1	
266 093815	-81	-25.3	4.9	16.5	1	
266 093820	-75	-25.3	4.1	16.1	1	
266 093825	-72	-20.3	6.2	16.5	1	
266 093829	-78	-20.3	6.2	16.5	1	
266 093833	-84	-20.3	7.2	16.5	1	
266 093838	-84	-20.3	8.6	16.5	1	DUPLICATE
266 093915	-90	-20.3	29	16.5	1	
266 093926	-96	-20.3	75	16.5	1	
266 093930	-102	-20.3	75	16.5	1	
266 093935	-105	-15.3	75	16.5	1	
266 093939	-99	-15.3	75	16.5	1	
266 093944	-93	-15.3	75	16.5	1	
266 093948	-87	-15.3	75	16.5	1	
266 093953	-81	-15.3	29	16.1	1	
266 093957	-75	-15.3	75	16.5	1	
266 094001	-72	-10.5	75	16.5	1	
266 094006	-78	-10.5	75	16.5	1	
266 094011	-84	-10.5	75	16.5	1	
266 094015	-90	-10.5	75	16.5	1	
266 094019	-96	-10.5	75	16.5	1	
266 094024	-102	-10.5	75	16.5	1	
266 094029	-105	-5.6	75	16.5	1	
266 094033	-99	-5.6	75	16.5	1	
266 094037	-93	-5.6	75	16.5	1	
266 094042	-87	-5.6	75	16.5	1	
266 094047	-81	-5.6	75	16.5	1	
266 094052	-75	-5.6	75	16.5	1	
266 105150	-72	-0.7	1.96	16.0	1	



Figure 153.—Day 266, survey K, sectors 7 and 8. (USGS 868-216)



Figure 154.—Day 266, survey K, sectors 9 and 10. (USGS 868-320)

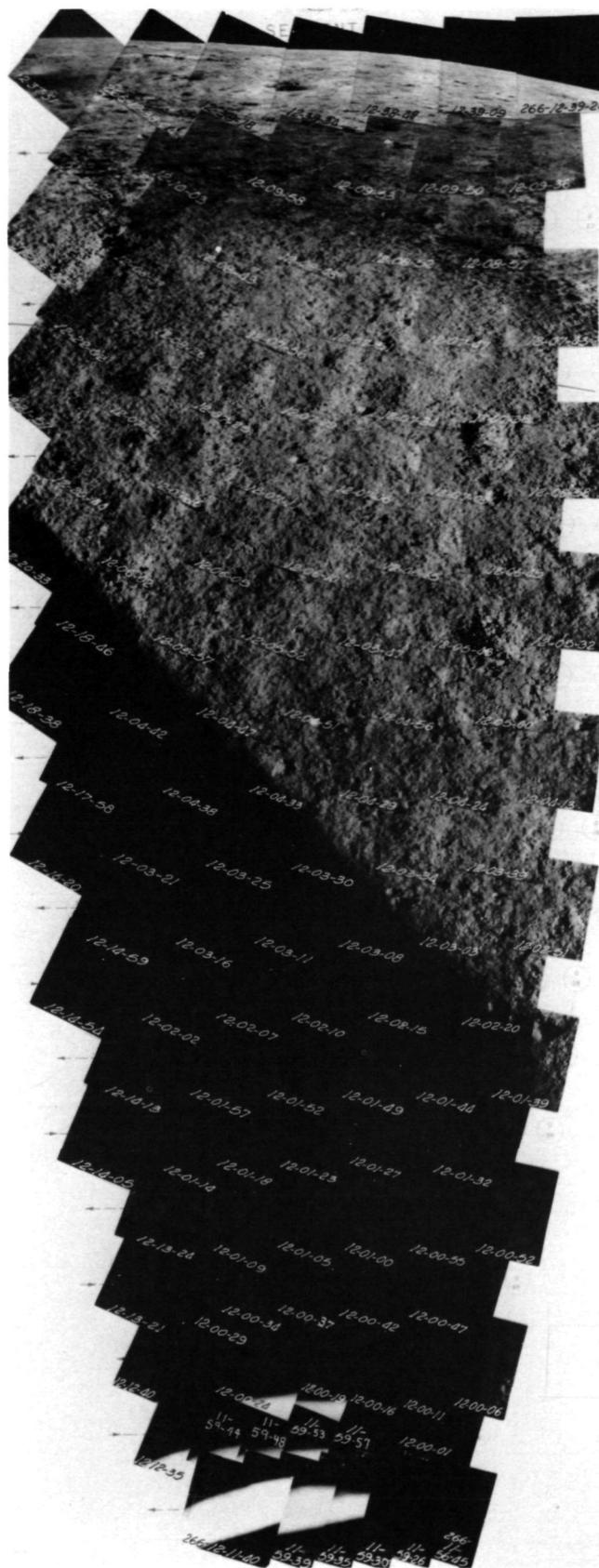


Figure 156.—Day 266, survey L, sectors 13 and 14. (USGS 868-240)

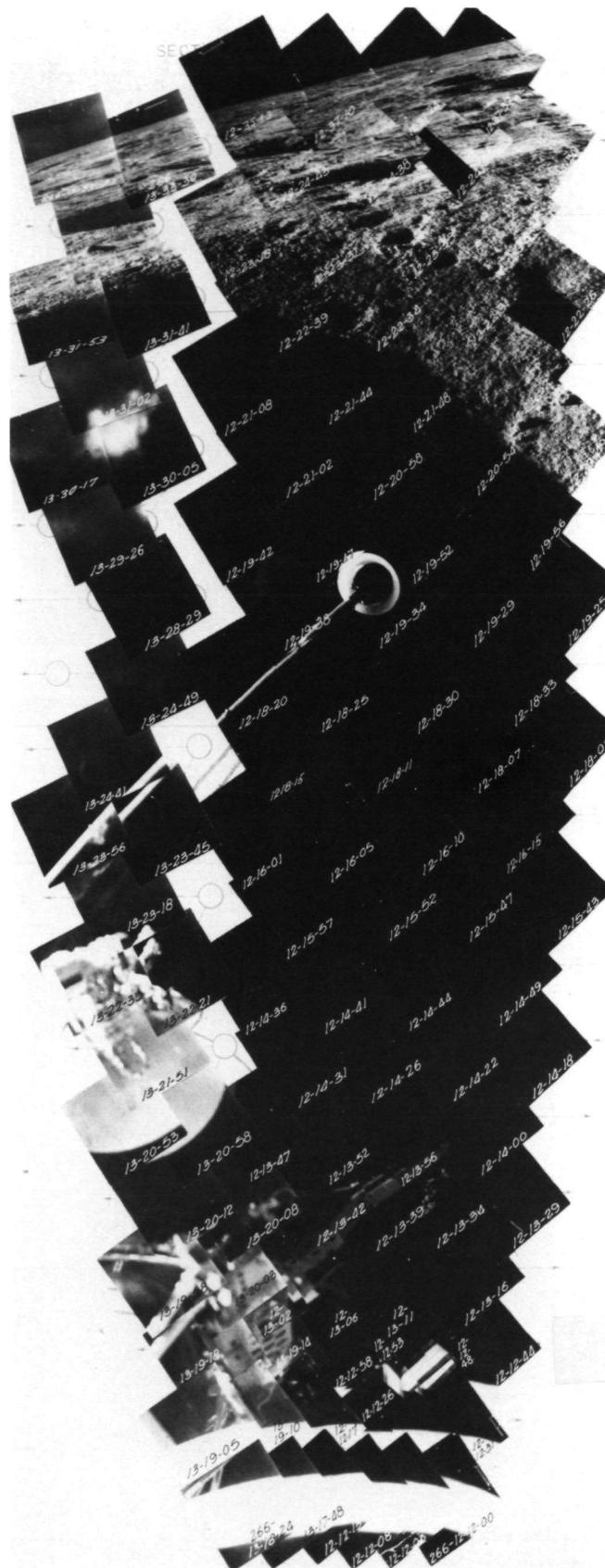


Figure 157.—Day 266, survey L, sectors 15 and 16. (USGS 868-305)

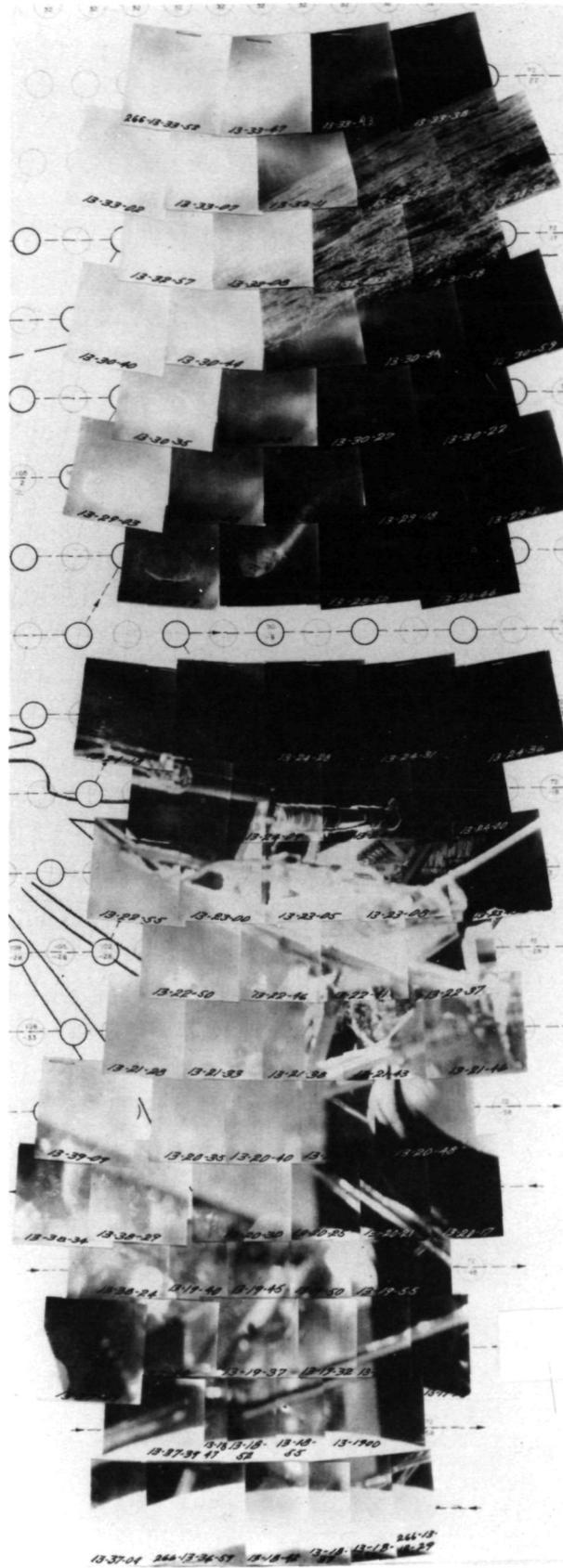


Figure 158.—Day 266, survey L, sectors 17 and 18. (USGS 868-336)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
266 133708	114	-65.1	1.52	8.1	1	
266 133713	120	-65.1	1.58	8.1	1	
266 133717	126	-65.1	1.58	8.1	1	
266 133721	129	-60.1	1.61	8.1	1	
266 133726	123	-60.1	1.58	8.1	1	
266 133731	117	-60.1	1.58	8.1	1	
266 133736	111	-60.1	1.58	8.1	1	
266 133753	114	-55.2	4.9	16.4	1	
266 133758	120	-55.2	1.61	8.1	1	
266 133802	126	-55.2	1.67	8.1	1	
266 133806	129	-50.2	1.73	8.1	1	
266 133811	123	-50.2	1.73	8.1	1	
266 133816	117	-50.2	1.67	8.1	1	
266 133820	111	-50.2	1.67	8.1	1	
266 133839	114	-45.3	1.73	8.1	1	
266 133842	120	-45.3	1.79	8.1	1	
266 133847	126	-45.3	1.87	8.1	1	
266 133852	129	-40.3	2.03	8.1	1	
266 133856	123	-40.3	1.94	8.1	1	
266 133901	117	-40.3	1.87	8.1	1	
266 133905	111	-40.3	1.87	8.1	1	

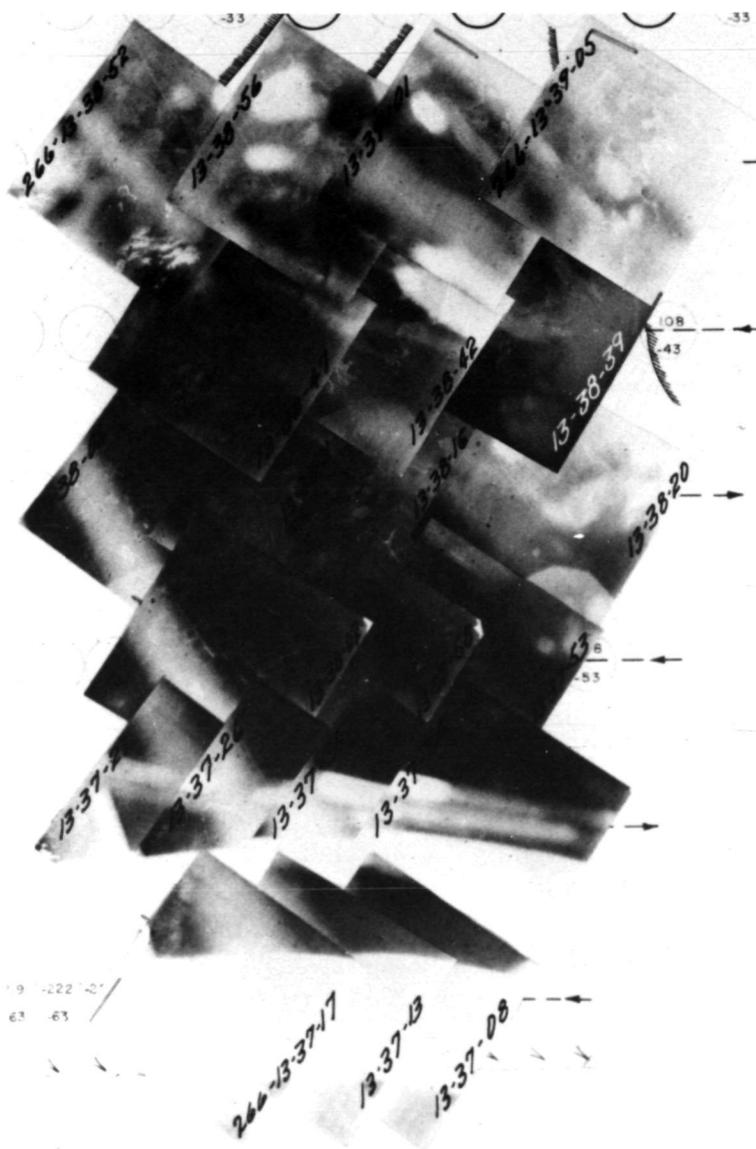


Figure 159.—Day 267, survey L, sector 19. (USGS 868-312)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
267 062921	-174	-40.3	4.1	8.6	1	DUPLICATE
267 063015	-174	-40.3	4.1	12.1	1	DUPLICATE
267 063027	-174	-40.3	4.1	12.1	1	
267 063211	-177	-35.3	196	18.2	2	
267 063216	-171	-35.3	196	18.2	2	
267 063220	-165	-35.3	4.1	12.1	1	
267 063225	-159	-35.3	196	17.3	2	
267 063230	-153	-35.3	196	18.2	2	
267 063234	-147	-35.3	4.1	12.1	2	
267 063239	-144	-30.3	196	14.6	5	
267 063242	-150	-30.3	4.1	12.1	2	
267 063247	-156	-30.3	4.1	12.1	2	
267 063252	-162	-30.3	4.1	12.1	1	
267 063256	-168	-30.3	4.1	12.1	2	
267 063301	-174	-30.3	4.1	12.1	1	
267 063305	-177	-25.3	4.1	12.1	2	
267 063310	-171	-25.3	4.1	12.1	2	
267 063315	-165	-25.3	1.73	5.1	2	
267 063318	-159	-25.3	4.1	12.1	2	
267 063323	-153	-25.3	4.1	12.1	2	
267 063327	-147	-25.3	4.1	12.1	2	

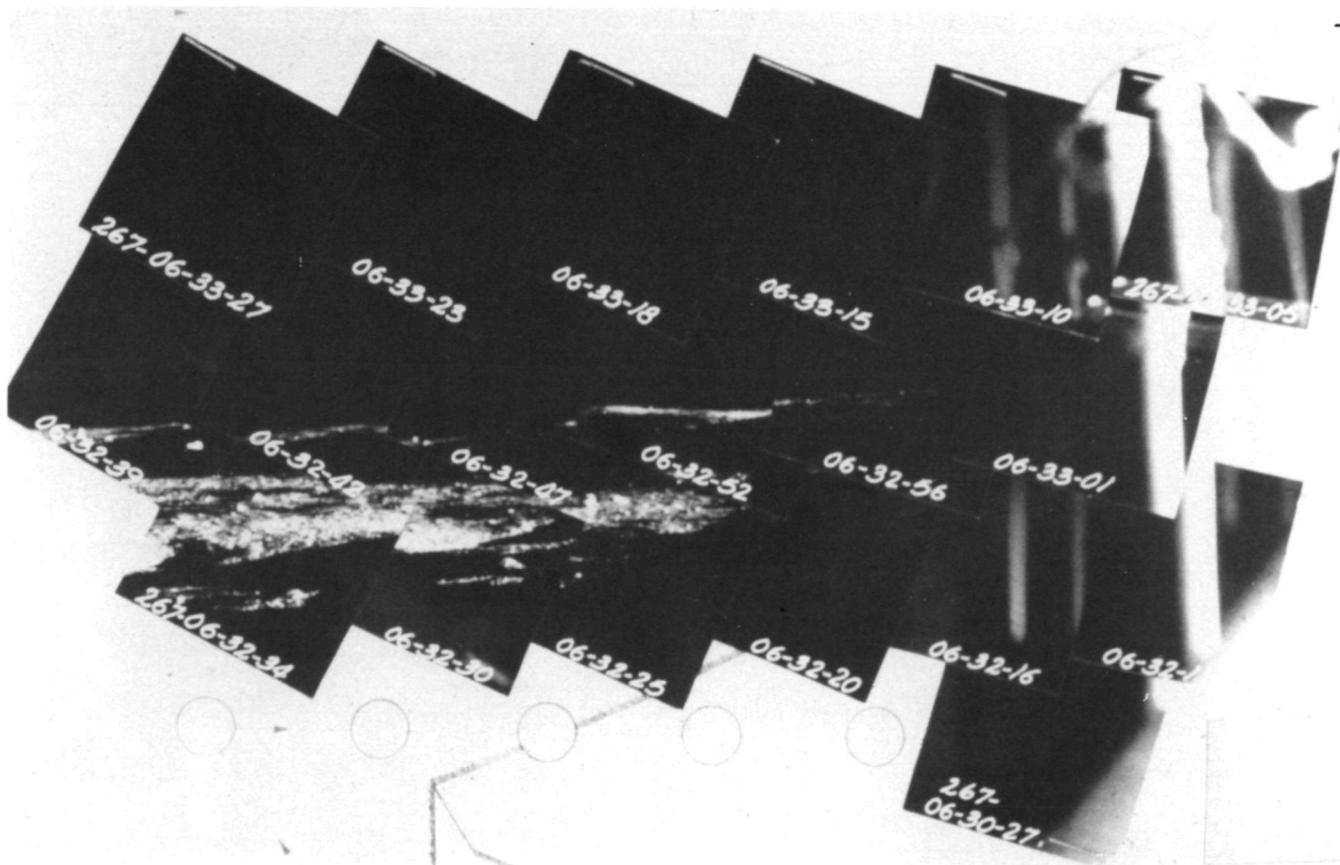


Figure 160.—Day 267, survey M, sectors 3 and 4. (USGS 868-241)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
267 063509	-144	-45.3	4.1	12.1	2	
267 063544	-138	-45.3	4.1	12.1	2	
267 063549	-132	-45.3	0.96	18.5	5	
267 063554	-126	-45.3	3.8	11.8	2	
267 063558	-120	-45.3	4.1	12.2	2	
267 063603	-114	-45.3	4.1	12.1	2	
267 063607	-111	-40.3	4.1	12.1	2	
267 063612	-117	-40.3	4.1	12.1	1	
267 063617	-123	-40.3	4.1	12.1	2	
267 063620	-129	-40.3	4.1	12.1	2	
267 063719	-135	-40.3	4.1	12.1	2	
267 063723	-141	-40.3	196	11.8	5	
267 063729	-141	-35.3	0.96	3.9	1	
267 063733	-135	-35.3	4.1	12.1	2	
267 063737	-129	-35.3	4.1	12.1	2	
267 063741	-123	-35.3	5.5	25.1	4	
267 063746	-117	-35.3	4.1	12.1	2	
267 063751	-111	-35.3	4.1	12.1	2	
267 063755	-108	-30.3	4.1	12.1	2	
267 063800	-114	-30.3	4.1	12.1	2	
267 063805	-120	-30.3	4.1	12.1	2	
267 063809	-126	-30.3	4.1	12.1	2	
267 063814	-132	-30.3	0.96	3.9	1	
267 063817	-138	-30.3	4.1	12.1	2	
267 063824	-141	-25.3	4.1	12.1	5	
267 063829	-135	-25.3	4.1	12.1	2	
267 063834	-129	-25.3	4.1	12.1	2	
267 063838	-123	-25.3	4.1	12.1	2	
267 063843	-117	-25.3	4.1	12.1	2	
267 063847	-111	-25.3	196	25.4	2	

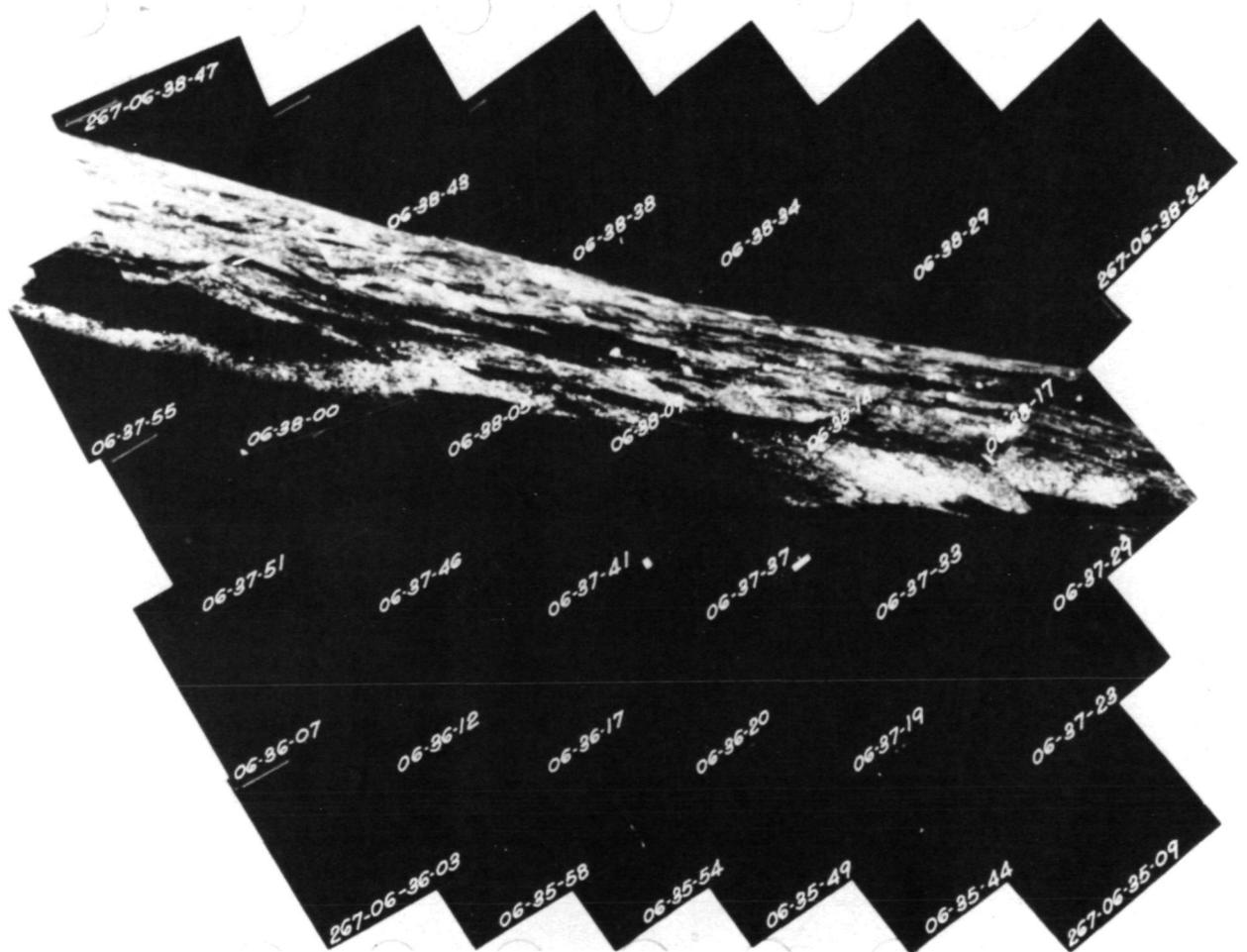


Figure 161.—Day 267, survey M, sectors 5 and 6. (USGS 868-246)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
267 064014	-105	-35.3	4.1	10.1	2	
267 064045	-99	-35.3	4.1	17.4	2	
267 064049	-93	-35.3	4.1	17.3	2	
267 064053	-87	-35.3	4.1	17.3	2	
267 064057	-81	-35.3	4.1	17.4	2	
267 064102	-75	-35.3	4.1	17.3	2	
267 064107	-72	-30.3	196	17.6	2	
267 064111	-78	-30.3	4.1	17.3	2	
267 064116	-84	-30.3	4.1	17.3	2	
267 064121	-90	-30.3	4.1	17.3	2	
267 064125	-96	-30.3	4.1	17.3	2	
267 064130	-102	-30.3	4.5	17.3	2	
267 064137	-105	-25.3	4.1	17.3	2	
267 064141	-99	-25.3	4.1	17.3	2	
267 064146	-93	-25.3	4.1	17.3	2	
267 064151	-87	-25.3	4.1	17.3	2	
267 064155	-81	-25.3	4.1	17.3	2	
267 064159	-75	-25.3	4.1	17.3	2	
267 064205	-72	-20.3	4.1	17.3	2	
267 064209	-78	-20.3	1.73	10.1	2	
267 064213	-84	-20.3	4.1	17.3	2	
267 064217	-90	-20.3	4.1	17.3	2	
267 064222	-96	-20.3	4.1	17.3	2	
267 064227	-102	-20.3	3.8	16.6	2	
267 064231	-105	-15.3	4.1	17.3	2	
267 064236	-99	-15.3	4.1	17.3	2	
267 064241	-93	-15.3	4.1	17.4	2	
267 064245	-87	-15.3	4.1	17.3	2	
267 064249	-81	-15.3	196	24.9	1	
267 064253	-75	-15.3	196	3.3	1	
267 064258	-72	-10.5	4.1	17.3	2	
267 064303	-78	-10.5	4.1	17.3	2	
267 064337	-75	-5.6	4.1	17.3	2	
267 064411	-75	-5.6	4.1	23.4	2	DUPLICATE

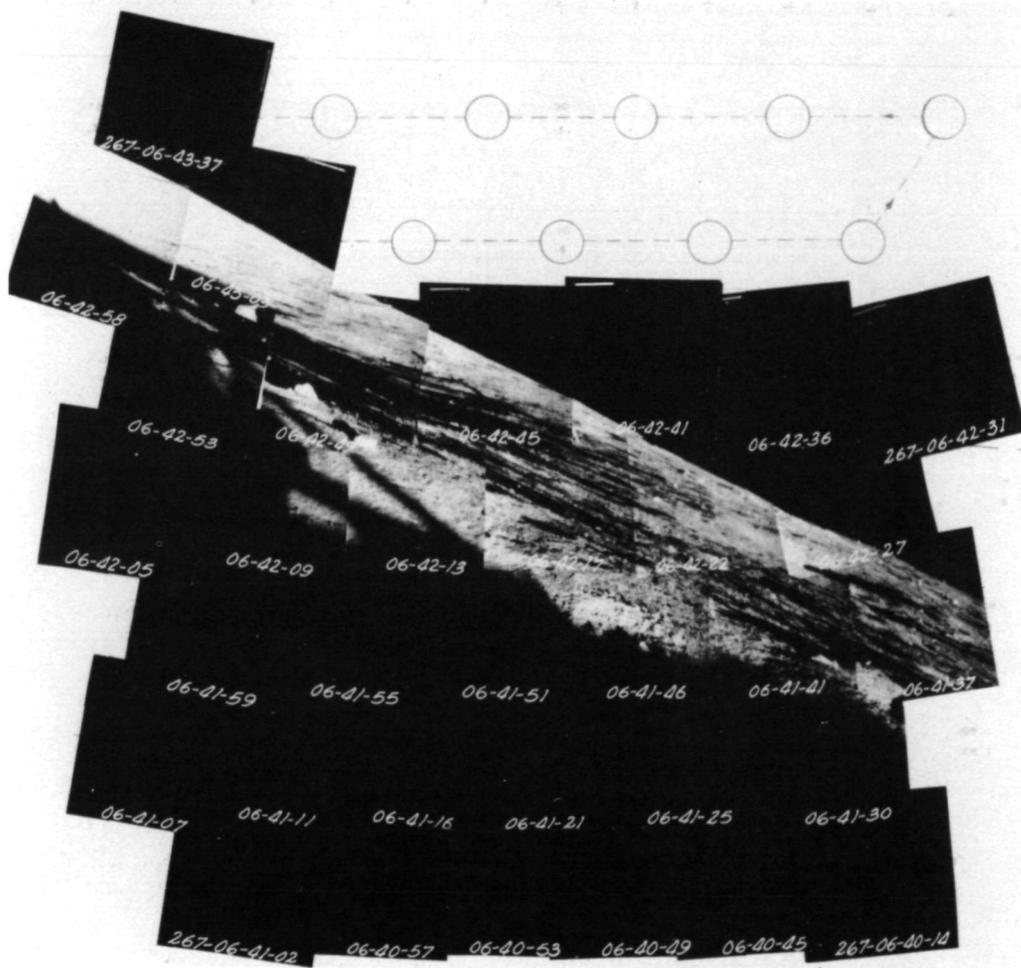


Figure 162.—Day 267, survey M, sectors 7 and 8. (USGS 868-251)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
267 064659	-69	-5.6	3.8	22.2	2	
267 064736	-63	-5.6	4.1	23.4	1	
267 064741	-57	-5.6	196	17.7	2	
267 064746	-51	-5.6	4.1	23.2	2	
267 064750	-45	-5.6	4.1	23.4	2	
267 064754	-39	-5.6	4.1	23.3	2	
267 064758	-39	-5.6	4.1	23.4	5	DUPLICATE
267 064808	-36	-0.7	4.1	23.4	5	
267 064812	-42	-0.7	4.1	23.4	2	
267 064817	-48	-0.7	196	22.3	2	
267 064821	-54	-0.7	4.5	23.4	2	
267 064826	-60	-0.7	4.1	23.4	2	
267 064831	-66	-0.7	4.1	23.4	2	
267 064839	-69	4.3	4.1	23.4	2	
267 064844	-63	4.3	4.1	23.4	2	
267 064848	-57	4.3	4.1	23.4	2	
267 064852	-51	4.3	4.1	23.4	2	
267 064856	-45	4.3	4.1	18.5	2	
267 064901	-39	4.3	4.1	23.4	2	
267 064915	-36	9.3	3.8	25.4	2	
267 064919	-42	9.3	4.1	23.4	2	
267 064924	-48	9.3	4.1	23.4	2	
267 064929	-54	9.3	4.1	18.5	2	
267 064932	-60	9.3	4.1	23.4	2	
267 064937	-66	9.3	4.1	23.4	1	
267 064942	-69	14.4	4.1	23.4	1	
267 064946	-63	14.4	4.1	23.4	2	
267 064951	-57	14.4	4.1	23.4	2	
267 064955	-51	14.4	4.1	23.4	2	
267 065000	-45	14.4	4.1	23.4	2	
267 065005	-39	14.4	4.1	23.4	2	

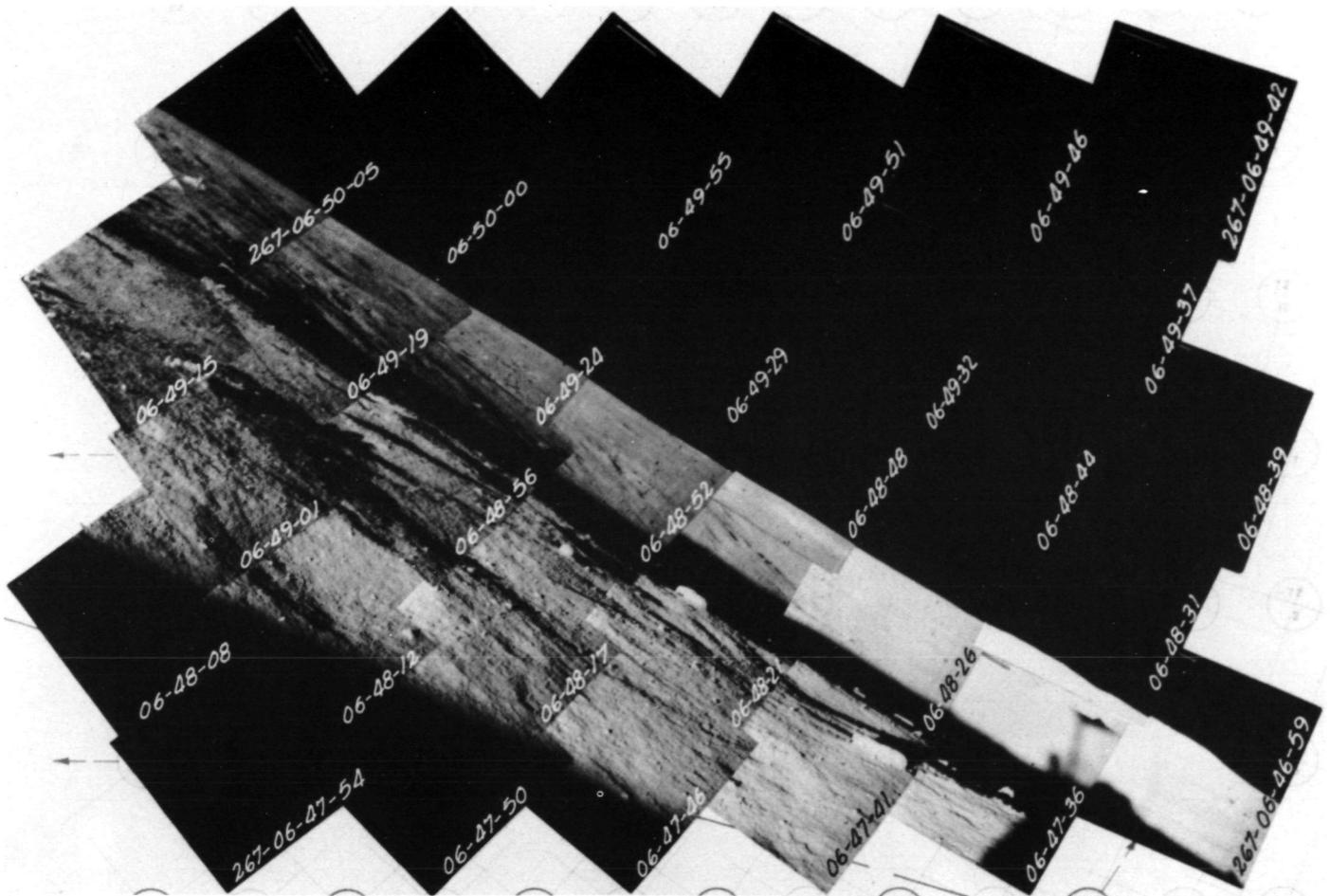


Figure 163.—Day 267, survey M, sectors 9 and 10. (USGS 868-244)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
267 064803	-33	-5.6	4.1	23.4	5	
267 064906	-33	4.3	4.1	23.4	1	
267 065057	-27	4.3	4.1	23.4	1	
267 065153	-21	4.3	4.1	23.4	2	
267 065157	-15	4.3	196	25.4	1	
267 065201	-9	4.3	4.1	23.4	1	
267 065205	-3	4.3	4.1	23.4	2	
267 065213	0	9.3	4.1	23.4	2	
267 065218	-6	9.3	4.1	23.4	2	
267 065223	-12	9.3	4.1	23.4	2	
267 065226	-18	9.3	4.1	23.4	2	
267 065231	-24	9.3	4.1	23.4	2	
267 064910	-30	9.3	4.1	23.4	2	
267 065008	-33	14.4	4.1	23.4	2	
267 065237	-27	14.4	4.1	23.4	5	
267 065518	-27	14.4	4.1	16.6	2	DUPLICATE
267 065241	-21	14.4	4.1	23.4	1	
267 065636	-21	14.4	4.1	16.6	2	DUPLICATE
267 065246	-15	14.4	4.1	23.4	2	
267 065640	-15	14.4	4.1	16.6	2	DUPLICATE
267 065251	-9	14.4	4.1	23.4	1	
267 065644	-9	14.4	4.1	16.6	2	DUPLICATE
267 065255	-3	14.4	4.1	23.4	2	
267 065648	-3	14.4	4.1	16.6	2	DUPLICATE
267 065259	0	19.4	4.1	23.4	1	DUPLICATE
267 065653	0	19.4	4.1	16.6	2	
267 065303	-6	19.4	4.1	23.4	1	DUPLICATE
267 065658	-6	19.4	4.1	16.6	2	
267 065308	-12	19.4	4.1	23.4	1	DUPLICATE
267 065702	-12	19.4	4.1	16.6	2	
267 065313	-18	19.4	4.1	23.3	1	DUPLICATE
267 065707	-18	19.4	4.1	16.6	2	
267 065711	-24	19.4	4.1	16.6	2	
267 065013	-30	19.4	196	23.4	1	
267 065716	-27	24.3	4.1	16.6	2	
267 065720	-21	24.3	4.1	16.6	2	
267 065724	-15	24.3	4.1	16.6	2	
267 065729	-9	24.3	196	23.2	2	
267 065734	-3	24.3	4.1	16.6	2	
267 065738	0	29.2	4.1	16.6	2	

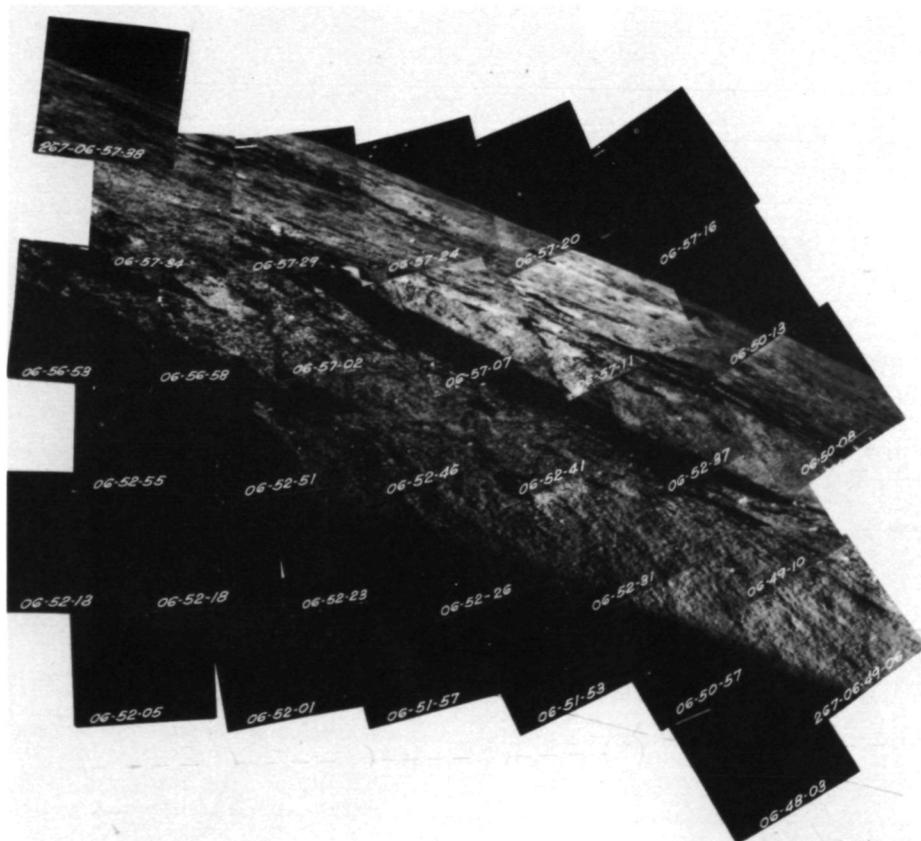


Figure 164.—Day 267, survey M, sectors 11 and 12. (USGS 868-304)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
267 065848	3	14.4	4.1	11.6	2	
267 065959	9	14.4	196	11.3	2	
267 070003	15	14.4	4.5	11.6	2	
267 070008	21	14.4	196	11.6	2	
267 070012	27	14.4	4.1	11.6	2	
267 070221	33	14.4	4.1	11.6	1	
267 070341	36	19.4	4.1	11.6	1	
267 070016	30	19.4	4.1	11.6	2	
267 070021	24	19.4	4.1	11.6	2	
267 070026	18	19.4	4.1	11.6	2	
267 070030	12	19.4	4.1	11.6	2	
267 070035	6	19.4	4.1	11.6	2	
267 070039	3	24.3	4.1	11.6	2	
267 070044	9	24.3	4.1	11.6	2	
267 070049	15	24.3	4.1	11.7	2	
267 070053	21	24.3	4.1	11.6	2	
267 070058	27	24.3	196	25.4	2	
267 070345	33	24.3	4.1	11.6	4	
267 070427	36	24.3	4.1	11.6	1	DUPLICATE
267 070537	36	24.3	4.1	11.6	1	
267 070548	36	24.3	4.1	11.6	1	DUPLICATE
267 070102	30	29.2	4.1	11.6	2	
267 070106	24	29.2	4.1	11.6	1	
267 070111	18	29.2	4.1	11.6	2	
267 070115	12	29.2	196	25.4	2	
267 070120	6	29.2	4.1	11.6	1	

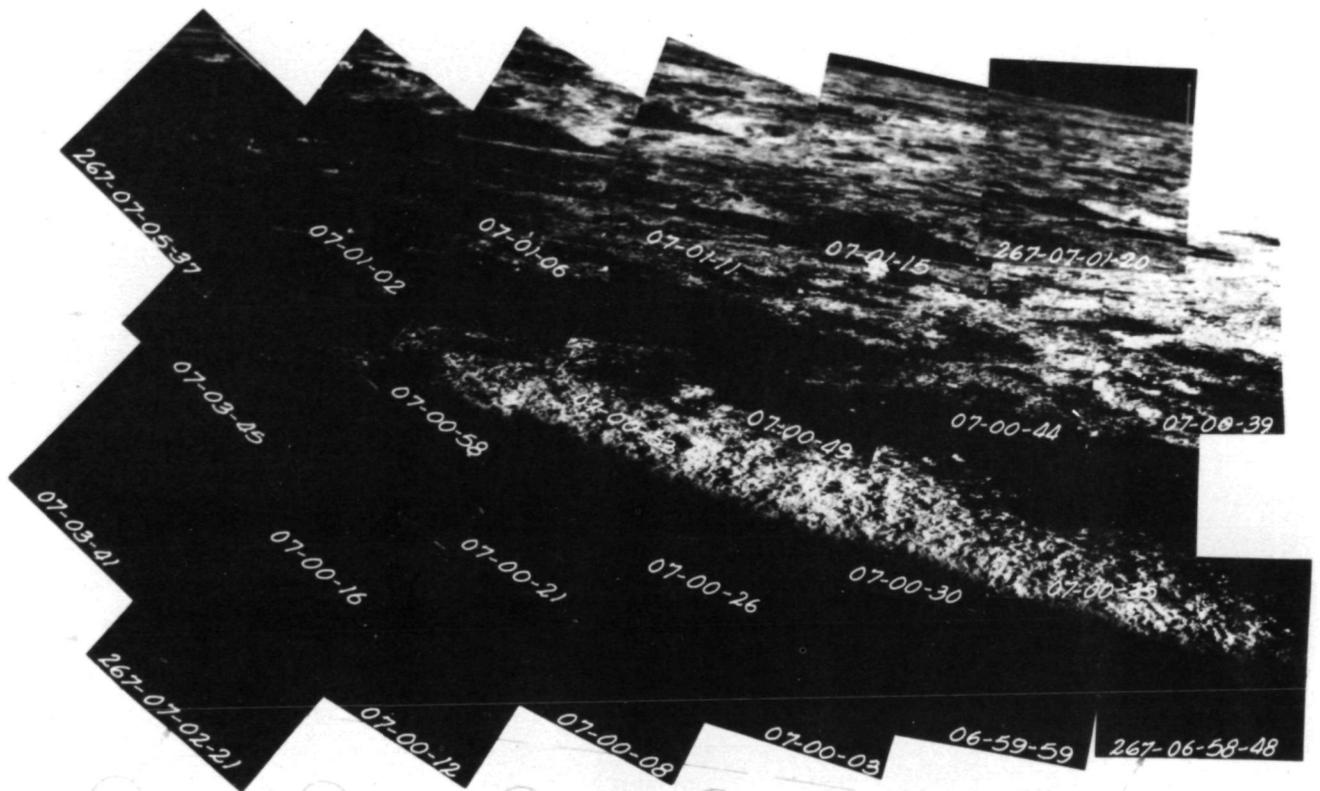


Figure 165.—Day 267, survey M, sectors 13 and 14. (USGS 868-300)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
267 070305	39	14.4	4.1	11.6	5	
267 070309	45	14.4	4.1	11.6	1	
267 070314	51	14.4	4.1	11.6	1	
267 070319	57	14.4	4.1	11.6	2	
267 070322	60	19.4	4.1	11.6	2	
267 070327	54	19.4	4.1	4.6	2	
267 070331	48	19.4	4.1	11.6	1	
267 070336	42	19.4	4.1	11.6	1	
267 070350	39	24.3	4.1	11.6	2	
267 070355	45	24.3	4.1	11.6	5	
267 070359	51	24.3	4.1	11.6	2	
267 070404	57	24.3	7.2	11.6	2	
267 070409	60	29.2	4.1	11.6	2	
267 070413	54	29.2	4.1	11.6	2	
267 070418	48	29.2	4.1	11.6	2	
267 070423	42	29.2	3.8	11.3	2	

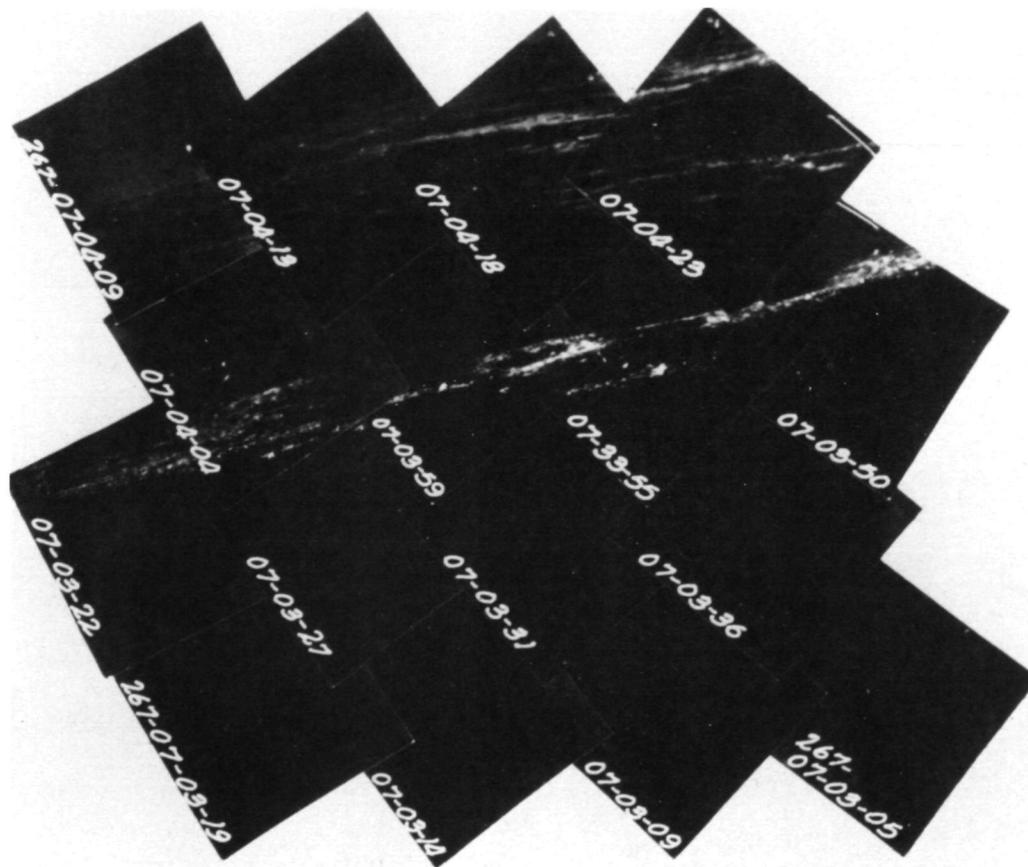


Figure 166.—Day 267, survey M, sector 15. (USGS 868-262)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
267 075746	-177	-35.3	4.1	8.2	1	
267 075925	-171	-35.3	4.1	8.2	1	
267 075930	-165	-35.3	4.1	8.2	1	
267 075935	-159	-35.3	4.1	8.2	1	
267 075939	-153	-35.3	4.1	8.2	1	
267 075944	-147	-35.3	4.1	8.2	1	
267 075949	-144	-30.3	196	18.6	1	DUPLICATE
267 075953	-144	-30.3	4.1	8.2	5	
267 080019	-150	-30.3	4.1	5.7	1	
267 080048	-156	-30.3	4.1	5.7	1	
267 080052	-162	-30.3	4.1	5.7	1	
267 080056	-168	-30.3	4.1	5.7	1	
267 080100	-174	-30.3	4.1	5.7	1	
267 080105	-177	-25.3	4.1	5.7	1	
267 080110	-171	-25.3	4.1	5.7	1	
267 080114	-165	-25.3	4.1	5.7	1	
267 080119	-159	-25.3	4.1	5.7	1	
267 080123	-153	-25.3	4.1	5.7	1	
267 080128	-147	-25.3	4.1	5.7	1	
267 080335	-177	-35.3	4.1	8.1	1	DUPLICATE
267 080346	-177	-35.3	4.1	8.1	1	
267 080408	-171	-35.3	4.1	8.1	1	
267 080413	-165	-35.3	4.1	8.1	1	
267 080417	-159	-35.3	4.1	8.1	1	
267 080421	-153	-35.3	4.1	8.1	1	
267 080425	-147	-35.3	4.1	8.1	1	
267 080430	-144	-30.3	4.1	8.1	1	
267 080435	-150	-30.3	4.1	8.1	1	
267 080439	-156	-30.3	4.1	8.1	1	
267 080444	-162	-30.3	4.1	8.1	1	
267 080448	-168	-30.3	4.1	8.1	1	
267 080453	-174	-30.3	4.1	8.1	1	
267 080458	-177	-25.3	4.1	8.1	2	
267 080501	-171	-25.3	4.1	8.1	1	
267 080506	-165	-25.3	4.1	8.1	1	
267 080510	-159	-25.3	4.1	8.1	1	
267 080515	-153	-25.3	4.1	8.1	1	
267 080520	-147	-25.3	4.1	8.1	1	



Figure 167.—Day 267, survey N, sectors 3 and 4. (USGS 868-243)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
267 080649	-141	-35.3	4.1	11.5	1	
267 080741	-135	-35.3	3.8	11.2	1	
267 080746	-129	-35.3	4.1	11.5	1	
267 080750	-123	-35.3	4.1	11.5	1	
267 080755	-117	-35.3	4.1	11.5	1	
267 080759	-111	-35.3	4.1	11.5	1	
267 080804	-108	-30.3	4.1	11.5	1	
267 080809	-114	-30.3	4.1	11.5	1	
267 080812	-120	-30.3	4.1	11.5	1	
267 080817	-126	-30.3	4.1	11.5	1	
267 080821	-132	-30.3	4.1	11.5	1	
267 080826	-138	-30.3	4.1	11.5	1	
267 080834	-141	-25.3	4.1	11.5	1	
267 080838	-135	-25.3	4.1	11.5	1	
267 080842	-129	-25.3	4.1	11.5	1	
267 080847	-123	-25.3	4.1	11.5	1	
267 080852	-117	-25.3	4.1	11.5	1	
267 080856	-111	-25.3	4.1	11.5	1	
267 080902	-108	-20.3	4.1	11.5	1	

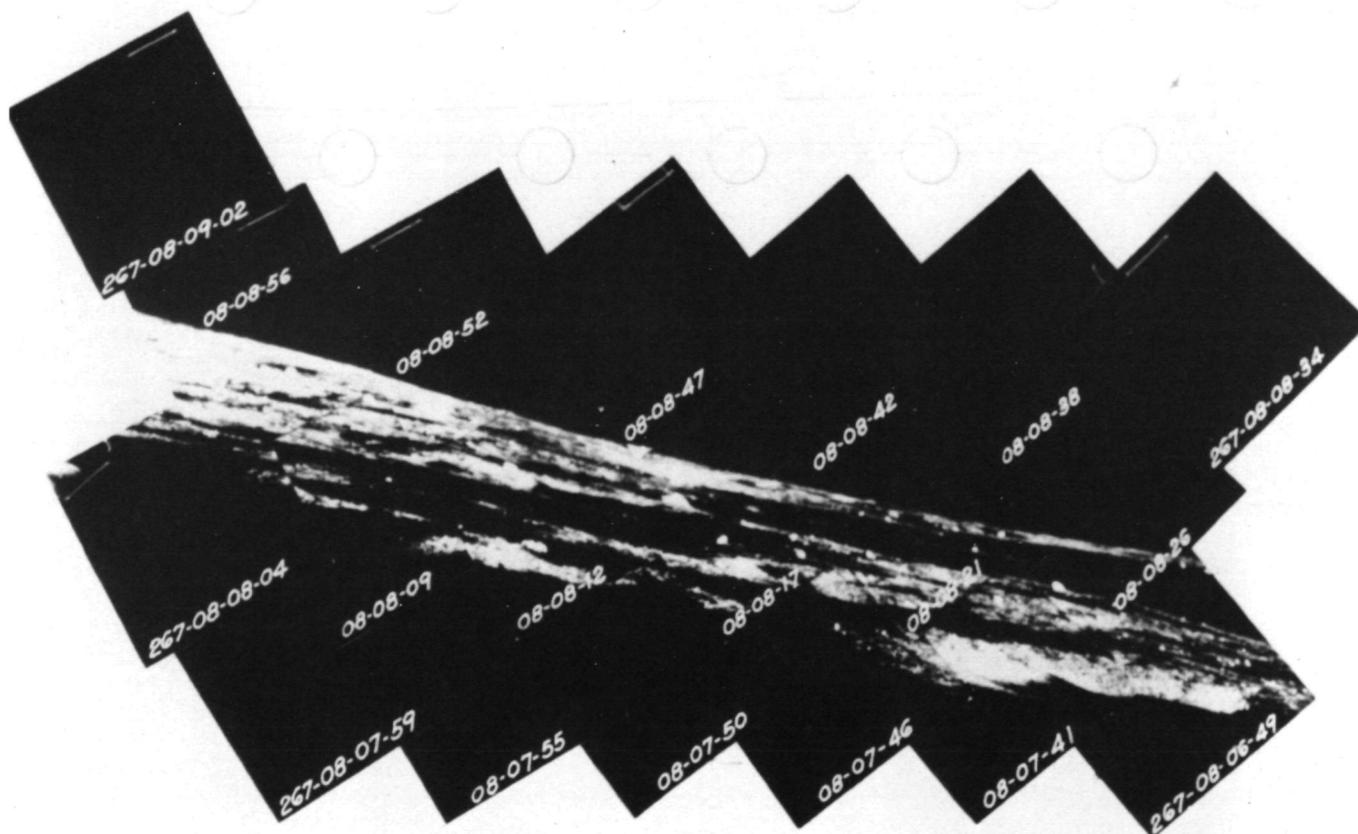


Figure 168.—Day 267, survey N, sectors 5 and 6. (USGS 868-238)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
267 080953	-102	-30.3	4.1	16.5	1	
267 081039	-105	-25.3	4.1	16.5	1	
267 081044	-99	-25.3	3.8	15.8	1	
267 081049	-93	-25.3	4.1	16.5	1	
267 081053	-87	-25.3	4.1	16.5	1	
267 081058	-81	-25.3	196	16.5	1	
267 081103	-75	-25.3	4.1	16.5	1	
267 081107	-72	-20.3	4.1	16.5	1	
267 081112	-78	-20.3	4.1	16.5	1	
267 081116	-84	-40.3	1.73	9.2	2	
267 081121	-90	-20.3	4.1	16.5	1	
267 081126	-96	-20.3	4.1	16.5	1	
267 081129	-102	-20.3	4.1	16.5	1	
267 081134	-105	-15.3	4.1	16.5	1	
267 081138	-99	-15.3	196	15.9	1	
267 081143	-93	-15.3	4.1	9.2	1	
267 081148	-87	-15.3	4.1	16.5	1	
267 081152	-81	-15.3	4.1	16.5	1	
267 081157	-75	-15.3	4.1	16.5	1	
267 081202	-72	-10.5	4.1	16.5	1	
267 081205	-78	-10.5	4.1	16.5	1	
267 081210	-84	-10.5	4.1	16.5	1	
267 081308	-75	-5.6	4.1	16.5	1	
267 081346	-75	-5.6	4.1	23.2	1	DUPLICATE

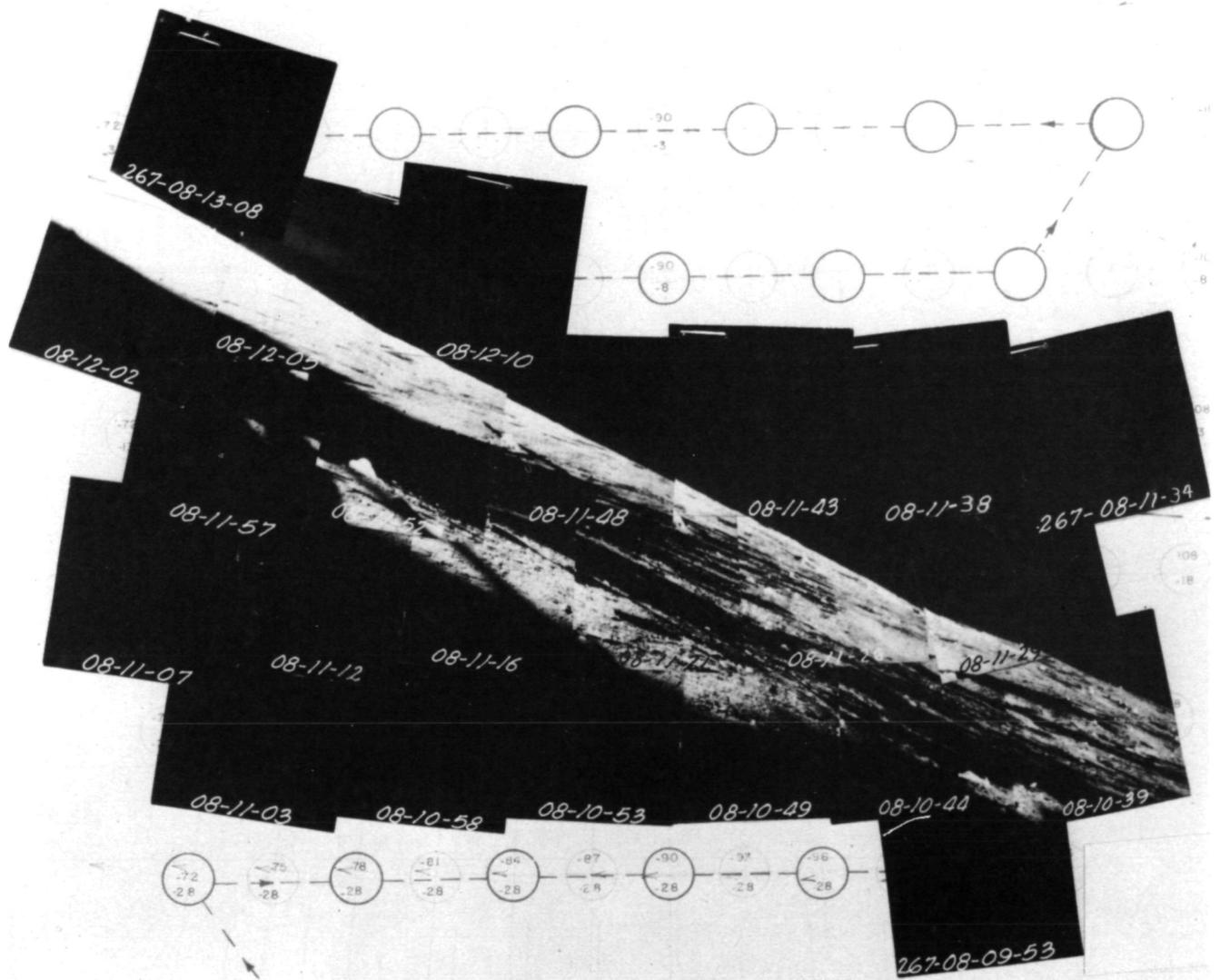


Figure 169.—Day 267, survey N, sectors 7 and 8. (USGS 868-338)

TIME (GMT)	AZ	EL	FDC	IRIS	FIL	REMARKS
267 081652	-33	-5.6	4.1	23.2	1	
267 081657	-30	-0.7	4.1	23.2	1	
267 081758	-33	4.3	4.1	23.2	1	
267 081959	-27	4.3	3.8	15.9	1	
267 082048	-21	4.3	4.1	16.6	1	
267 082052	-15	4.3	4.1	16.6	1	
267 082057	-9	4.3	4.1	16.6	1	
267 082102	-3	4.3	4.1	16.6	1	
267 082108	0	9.3	4.1	16.6	1	
267 082113	-6	9.3	4.1	16.5	5	
267 082118	-12	9.3	4.1	16.6	1	
267 082122	-18	9.3	4.1	16.6	1	
267 082127	-24	9.3	4.1	16.6	1	
267 081803	-30	9.3	4.1	23.2	1	
267 081901	-33	14.4	4.1	23.2	1	
267 082424	-33	14.4	196	16.5	1	DUPLICATE
267 082132	-27	14.4	4.1	16.6	1	
267 082532	-27	14.4	4.1	16.5	1	DUPLICATE
267 082619	-21	14.4	4.1	16.6	1	
267 082624	-15	14.4	3.8	15.9	1	
267 082628	-9	14.4	4.1	16.5	1	
267 082633	-3	14.4	4.1	16.5	1	
267 082637	0	19.4	4.1	16.6	1	DUPLICATE
267 082722	0	19.4	4.1	11.6	5	
267 082759	-6	19.4	4.1	11.6	1	
267 082804	-12	19.4	4.1	11.6	1	
267 082808	-18	19.4	4.1	11.6	1	
267 082813	-24	19.4	4.1	11.6	1	
267 081906	-30	19.4	4.1	23.2	1	
267 082457	-30	19.4	4.1	16.5	1	DUPLICATE
267 082818	-27	24.3	4.1	11.6	1	
267 082821	-21	24.3	4.1	11.6	1	
267 082826	-15	29.2	196	22.4	1	
267 082830	-9	24.3	4.1	11.6	1	
267 082835	-3	24.3	3.8	11.3	1	
267 082840	0	29.2	4.1	11.6	1	
267 082844	-6	29.2	4.1	11.6	1	

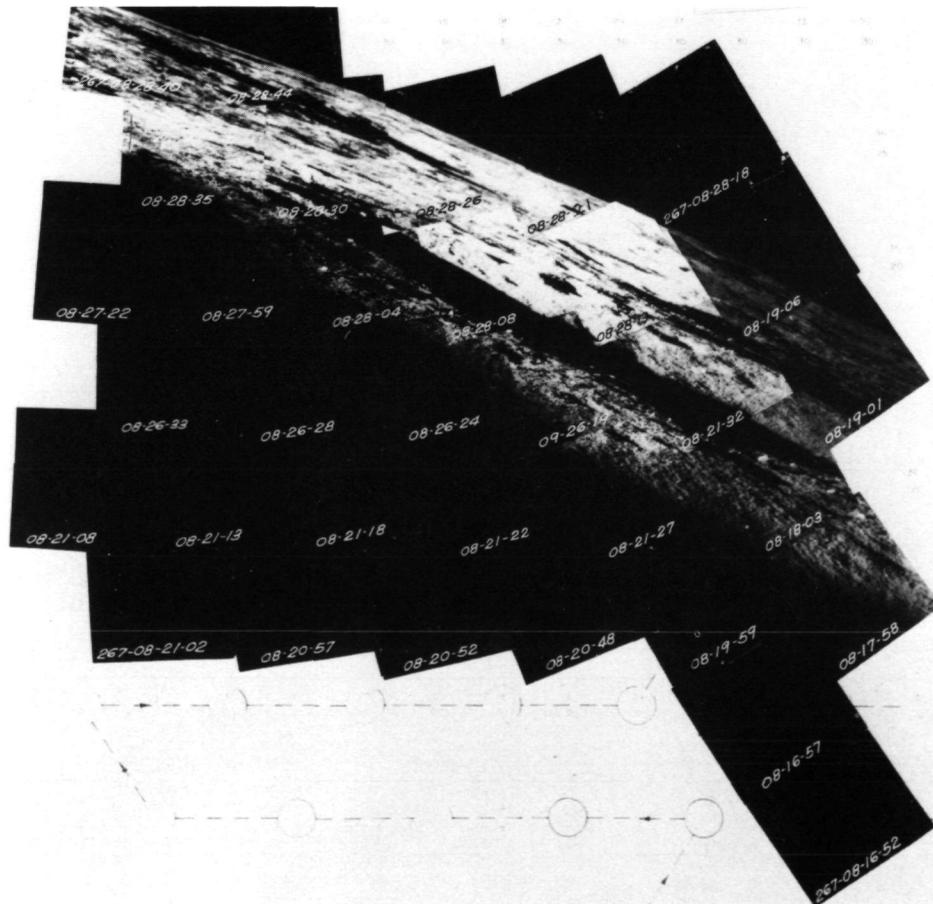


Figure 171.—Day 267, survey N, sectors 11 and 12. (USGS 868-276)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
267 083022	3	14.4	4.1	11.6	1	
267 083048	9	14.4	4.1	11.6	1	
267 083053	15	14.4	4.1	11.6	1	
267 083058	21	14.4	4.1	11.6	1	
267 083101	27	14.4	196	25.4	1	
267 083620	33	14.4	4.1	8.2	1	
267 083756	36	19.4	4.1	5.7	1	
267 083106	30	19.4	4.1	11.6	1	
267 083110	24	19.4	4.1	11.6	1	
267 083115	18	19.4	196	11.6	1	
267 083120	12	19.4	4.1	11.6	1	
267 083124	6	19.4	4.1	11.6	1	
267 083129	3	24.3	4.1	11.6	1	
267 083133	9	24.3	4.1	11.6	1	
267 083138	15	24.3	4.1	11.6	1	
267 083143	21	24.3	4.1	11.6	1	
267 083147	27	24.3	4.1	11.6	1	
267 083222	27	24.3	4.1	8.2	1	DUPLICATE
267 083958	36	29.2	4.1	5.7	1	
267 084021	36	29.2	4.1	5.7	1	DUPLICATE
267 084032	36	29.2	4.1	5.7	1	DUPLICATE
267 083256	30	29.2	4.1	8.2	1	
267 083300	24	29.2	4.1	8.2	1	
267 083319	18	29.2	4.1	8.2	1	
267 083324	12	29.2	4.1	8.2	1	
267 083327	6	29.2	4.1	8.2	1	

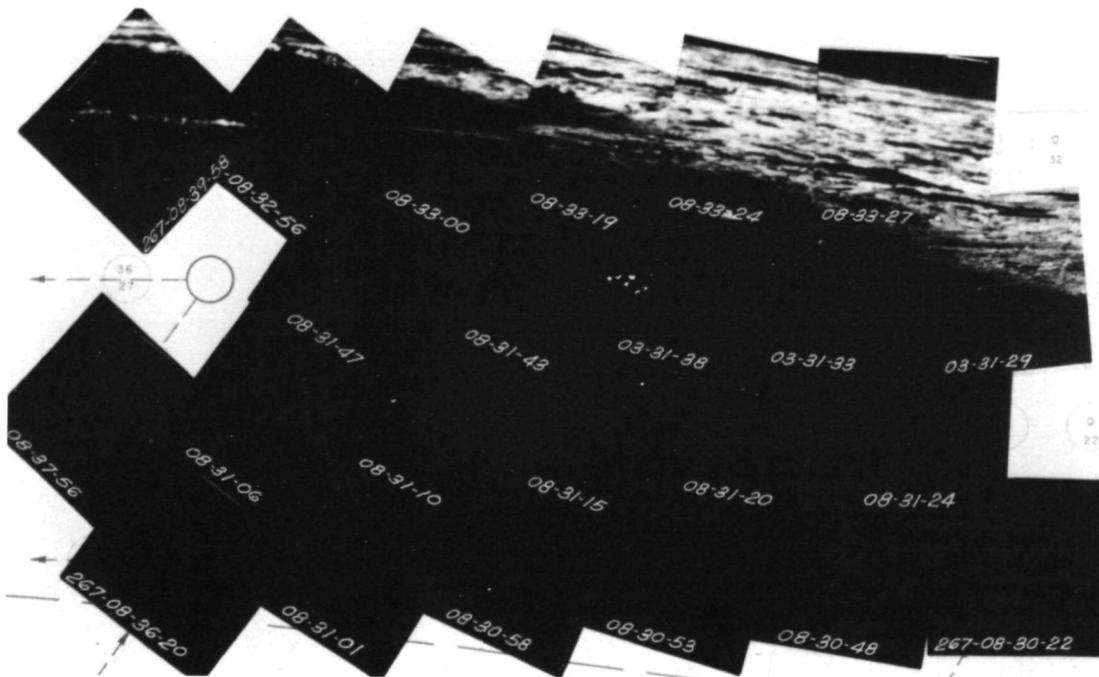


Figure 172.—Day 267, survey N, sectors 13 and 14. (USGS 868-323)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
267 083703	39	14.4	4.1	5.7	5	DUPLICATE
267 083720	39	14.4	4.1	5.7	1	
267 083725	45	14.4	4.1	5.7	1	
267 083729	51	14.4	4.1	5.7	1	
267 083734	57	14.4	4.1	5.7	1	
267 083739	60	19.4	196	8.2	1	
267 083742	54	19.4	4.1	5.7	1	
267 083747	48	19.4	4.1	5.7	1	
267 083751	42	19.4	4.1	5.7	1	
267 083805	39	24.3	4.1	5.7	1	
267 083810	45	24.3	1.73	5.7	1	
267 083814	51	24.3	4.1	5.7	1	
267 083819	57	24.3	4.1	5.7	1	
267 083825	60	29.2	4.1	5.7	1	
267 083903	54	29.2	196	5.6	1	
267 083928	48	29.2	4.1	5.7	1	
267 083953	42	29.2	4.1	5.7	1	

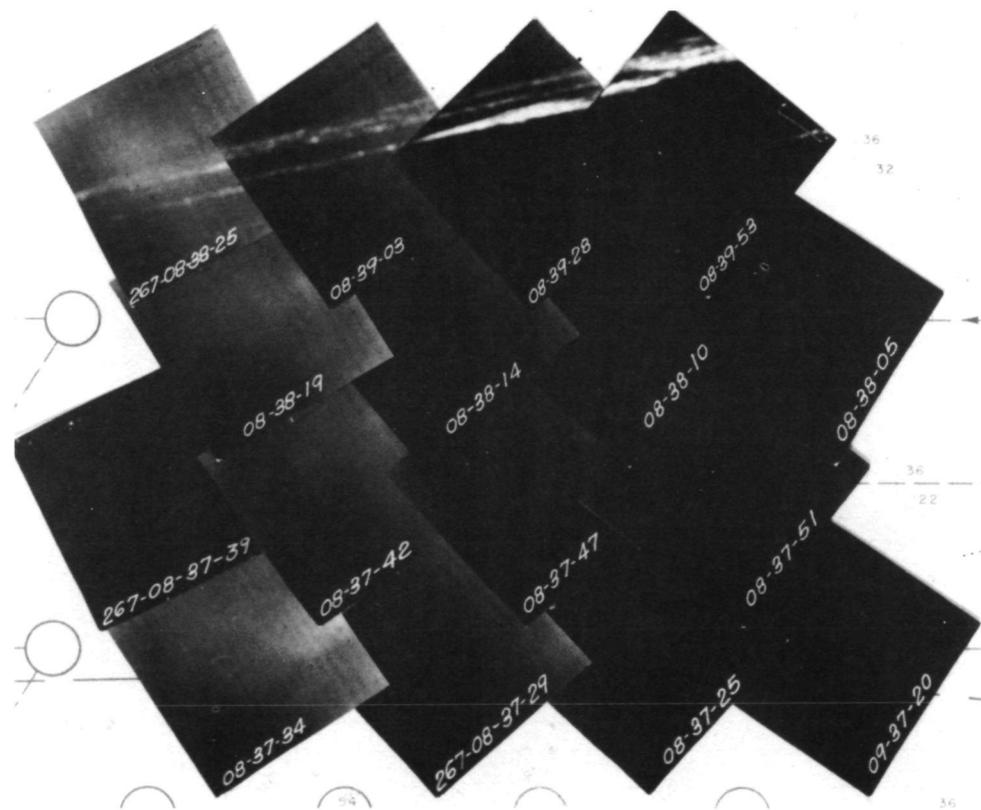


Figure 173.—Day 267, survey N, sector 15. (USGS 868-323)

TIME (GMT)	AZ	EL	FDC	IRIS	FIL	REMARKS
267 074533	60	19.4	4.1	8.2	1	
267 074544	60	19.4	4.1	8.2	1	DUPLICATE
267 074622	54	19.4	4.1	8.2	1	
267 074627	48	14.4	4.1	8.2	2	
267 074631	42	19.4	4.1	8.2	1	
267 074635	36	19.4	4.1	8.2	2	
267 074641	33	24.3	4.1	8.2	1	
267 074645	39	24.3	4.1	8.2	2	
267 074650	45	24.3	4.1	25.4	2	
267 074653	51	24.3	4.1	8.2	2	
267 074658	57	24.3	4.1	8.2	2	
267 074704	60	29.2	4.1	8.2	2	
267 074708	54	29.2	4.1	8.2	2	
267 074713	48	29.2	4.1	8.2	2	
267 074718	42	29.2	4.1	8.2	2	
267 074742	36	29.2	4.1	8.2	1	

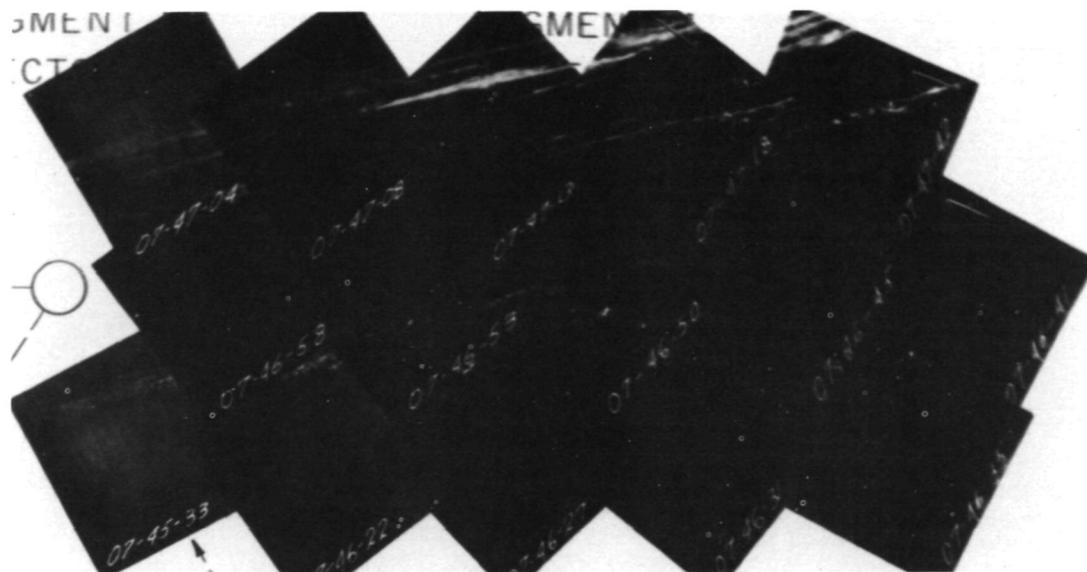


Figure 174.—Day 267, survey N, sectors 15 and 16. (USGS 868-265)

TIME (GMT)	AZ	EL	FDC	IRIS	FIL	REMARKS
267 074855	63	4.3	4.1	8.2	2	
267 075000	69	4.3	4.1	8.2	2	
267 075004	75	4.3	196	17.3	2	
267 075009	81	4.3	4.1	8.2	2	
267 075012	87	4.3	4.1	8.2	1	
267 075017	93	4.3	4.1	8.2	2	
267 075159	93	4.3	4.1	8.2	1	DUPLICATE
267 075210	93	4.3	4.1	8.2	1	DUPLICATE

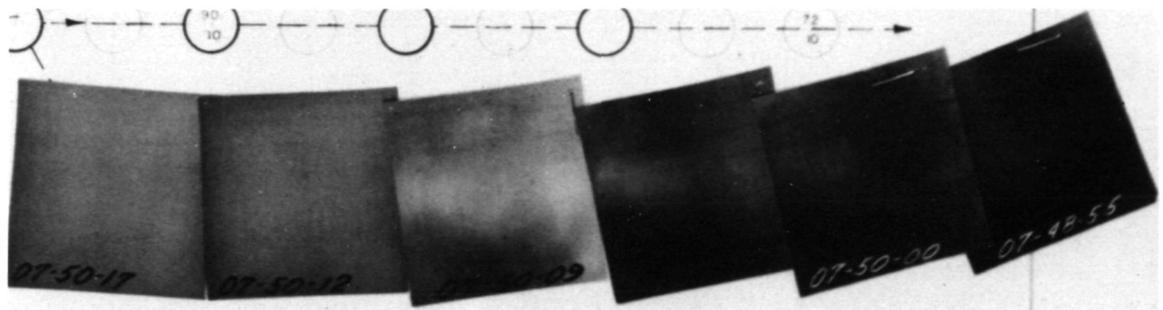


Figure 175.—Day 267, survey N, sectors 17 and 18. (USGS 868-265)

TIME (GMT)	AZ	EL	FDC	IRIS	FIL	REMARKS
267 090223	-177	-35.3	4.1	5.7	1	
267 090433	-159	-35.3	4.1	8.1	1	
267 090506	-153	-35.3	4.1	8.2	1	
267 090510	-147	-35.3	4.1	8.1	1	
267 090515	-144	-30.3	4.1	8.1	1	
267 090518	-150	-30.3	4.1	8.1	1	
267 090523	-156	-30.3	4.1	8.1	1	
267 090528	-162	-30.3	4.1	8.1	1	
267 090532	-168	-30.3	4.1	8.1	1	
267 090537	-174	-30.3	4.1	8.1	1	
267 090542	-177	-25.3	4.1	8.2	1	
267 090546	-171	-25.3	4.1	8.1	1	
267 090551	-165	-25.3	4.1	8.1	1	
267 090554	-162	-25.3	3.8	8.0	5	
267 090559	-153	-25.3	4.1	8.1	1	
267 090604	-147	-25.3	4.1	8.1	1	

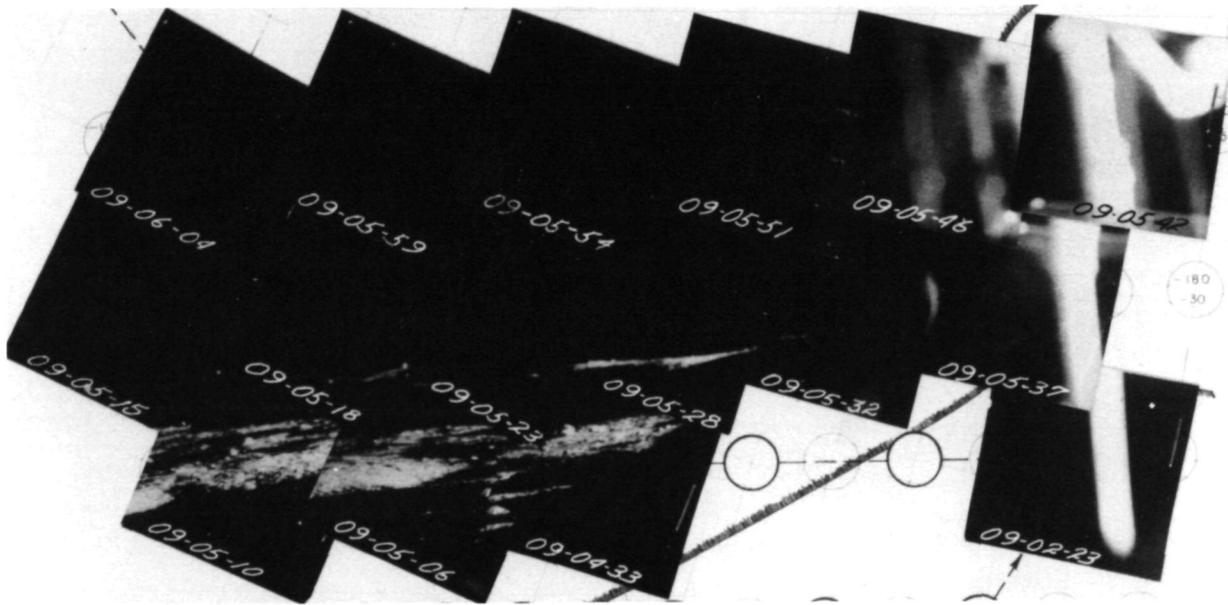


Figure 176.—Day 267, survey P, sectors 3 and 4. (USGS 868-334)

TIME (GMT)	AZ	EL	FDC	IRIS	FIL	REMARKS
267 090654	-141	-35.3	4.1	11.5	1	
267 090745	-135	-35.3	4.1	11.5	1	
267 090749	-129	-35.3	4.1	11.5	1	
267 090753	-123	-35.3	4.1	11.5	1	
267 090758	-117	-35.3	4.1	11.5	1	
267 090803	-111	-35.3	4.1	11.5	1	
267 090807	-108	-30.3	4.1	11.5	1	
267 090812	-114	-30.3	4.1	11.5	1	
267 090817	-120	-30.3	4.1	11.5	1	
267 090821	-126	-30.3	4.1	11.5	1	
267 090826	-132	-30.3	4.1	11.5	1	
267 090829	-138	-30.3	4.1	11.5	1	
267 090837	-141	-25.3	4.1	11.5	1	
267 090842	-135	-25.3	4.1	11.5	1	
267 090847	-129	-25.3	4.1	11.5	1	
267 090851	-123	-25.3	4.1	4.6	2	
267 090856	-117	-25.3	4.1	11.5	1	
267 090901	-111	-25.3	4.1	11.5	1	
267 090906	-108	-20.3	4.1	11.5	1	

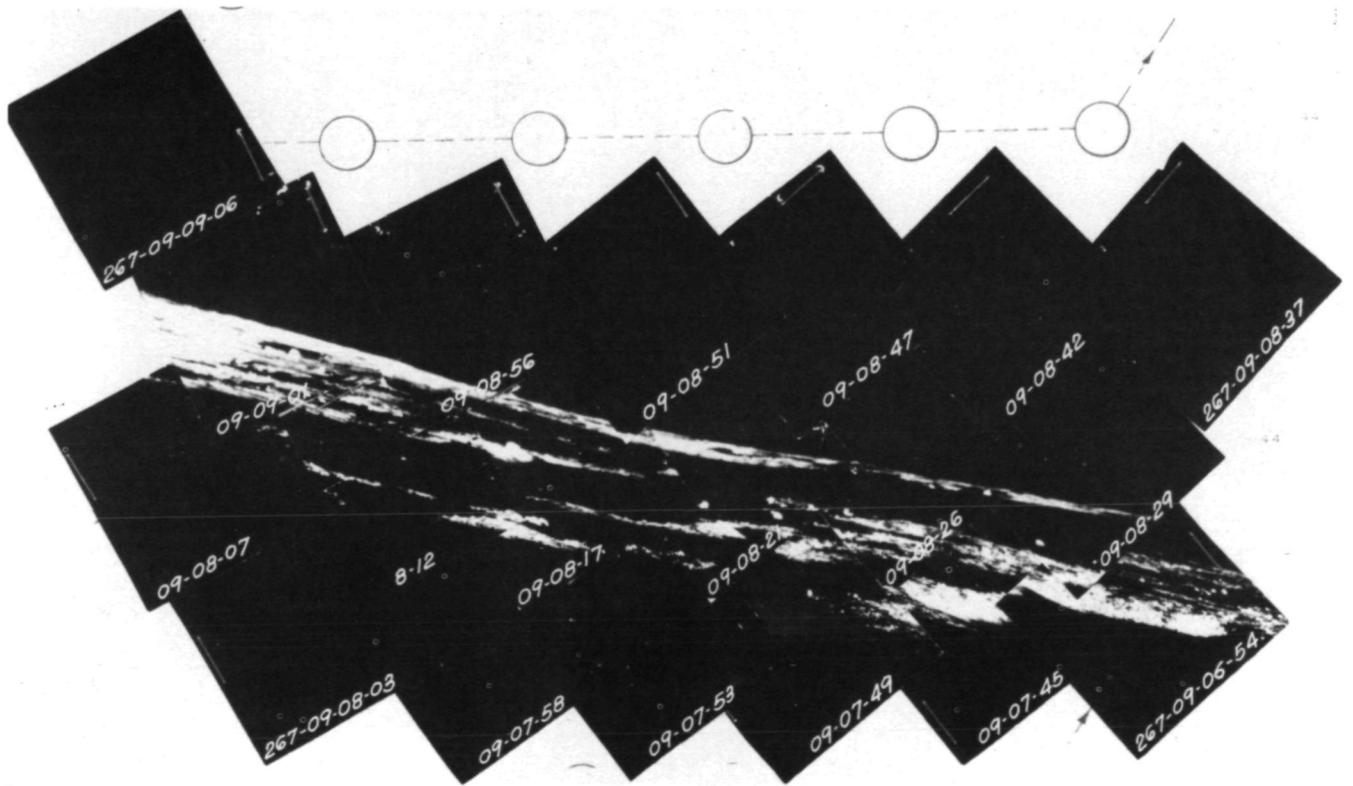


Figure 177.—Day 267, survey P, sectors 5 and 6. (USGS 868-307)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
267 090951	-102	-30.3	4.1	16.5	1	
267 091039	-105	-25.3	4.1	16.5	1	
267 091043	-99	-25.3	4.1	16.5	1	
267 091048	-93	-25.3	4.1	16.5	1	
267 091053	-87	-25.3	4.1	16.5	1	
267 091057	-81	-25.3	4.1	16.5	1	
267 091102	-75	-25.3	4.1	16.5	1	
267 091107	-72	-20.3	196	24.3	1	
267 091111	-78	-20.3	4.1	16.5	1	
267 091116	-84	-20.3	4.1	16.5	1	
267 091121	-90	-20.3	4.1	16.5	1	
267 091125	-96	-20.3	4.1	16.5	1	
267 091130	-102	-20.3	4.1	16.5	1	
267 091133	-105	-15.3	4.1	16.5	1	
267 091138	-99	-15.3	4.1	16.5	1	
267 091142	-93	-15.3	4.1	16.5	1	
267 091147	-87	-15.3	4.1	16.5	1	
267 091152	-81	-15.3	4.1	16.5	1	
267 091156	-75	-15.3	4.1	16.5	1	
267 091201	-72	-10.5	4.1	16.5	1	
267 091206	-78	-10.5	4.1	16.5	1	
267 091210	-84	-10.5	4.1	16.5	1	
267 091240	-75	-5.6	4.1	16.5	1	
267 091320	-75	-5.6	4.1	23.2	1	DUPLICATE

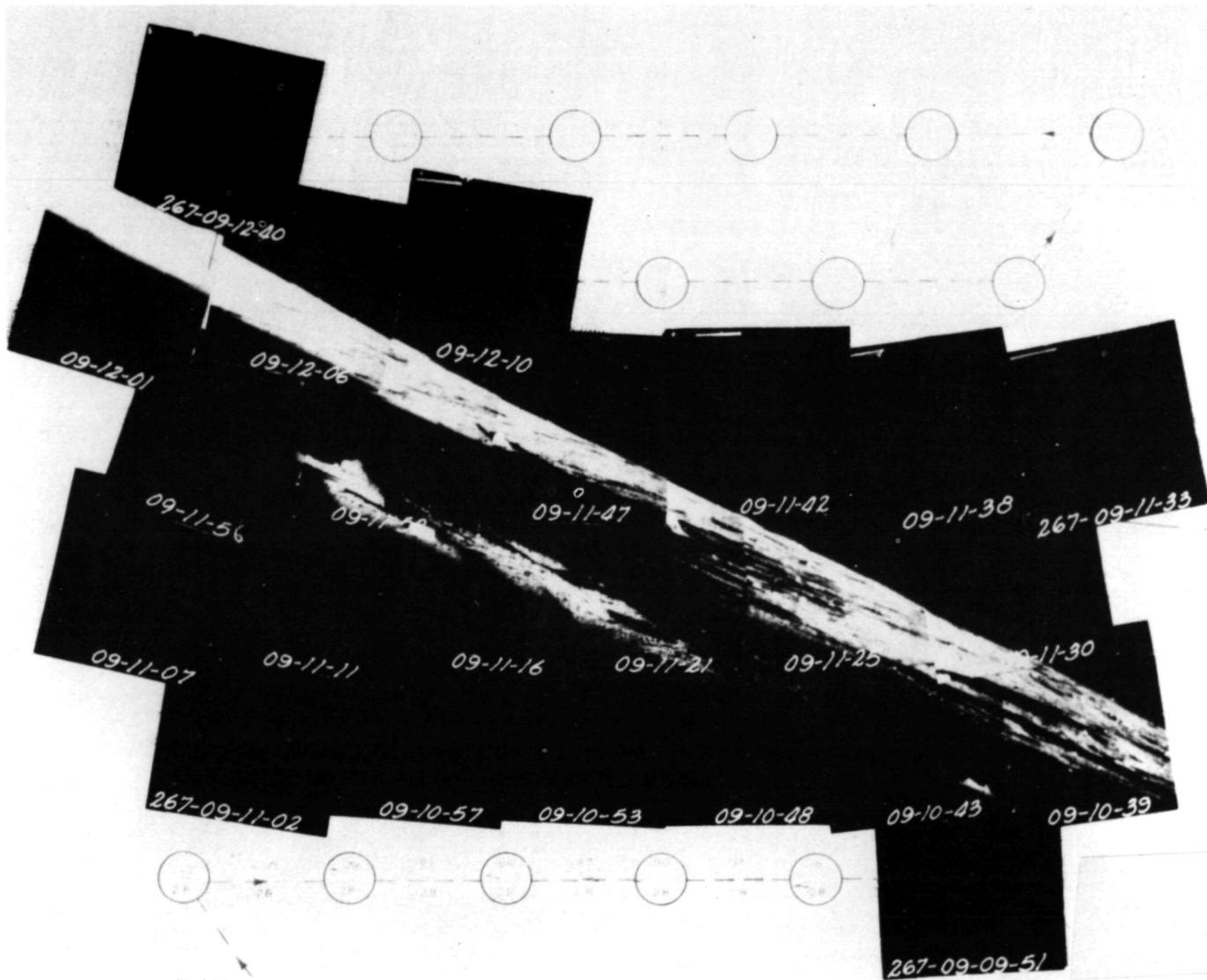


Figure 178.—Day 267, survey P, sectors 7 and 8. (USGS 868-247)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
267 091359	-69	-5.6	4.1	23.2	1	
267 091449	-63	-5.6	196	23.2	1	
267 091453	-57	-5.6	4.1	23.2	1	
267 091457	-51	-5.6	4.1	23.2	1	
267 091501	-45	-5.6	4.1	23.2	1	
267 091506	-39	-5.6	4.1	23.2	1	
267 091520	-36	-0.7	4.1	23.2	1	
267 091525	-42	-0.7	196	17.7	1	
267 091529	-48	-0.7	4.1	23.4	1	
267 091534	-54	-0.7	4.1	23.4	1	
267 091537	-60	-0.7	4.1	23.4	1	
267 091542	-66	-0.7	4.1	23.2	1	
267 091551	-69	4.3	4.1	23.4	5	
267 091556	-63	4.3	4.1	23.2	1	
267 091600	-57	4.3	4.1	23.2	1	
267 091605	-51	4.3	4.1	23.2	1	
267 091610	-45	4.3	4.1	23.2	1	
267 091614	-39	4.3	4.1	23.2	1	
267 091628	-36	9.3	4.1	23.2	1	
267 091632	-42	9.3	4.1	23.2	1	
267 091636	-48	9.3	4.1	23.2	1	
267 091641	-54	9.3	4.1	23.2	1	
267 091646	-60	9.3	4.5	23.4	1	
267 091650	-66	9.3	4.5	23.4	1	
267 091655	-69	14.4	4.1	23.4	1	
267 091659	-63	14.4	4.1	23.2	1	
267 091704	-57	14.4	4.1	23.4	1	
267 091709	-51	14.4	4.1	23.4	1	
267 091738	-45	14.4	3.8	15.9	1	
267 091742	-39	14.4	4.1	16.6	1	
267 091756	-36	19.4	4.1	16.6	1	

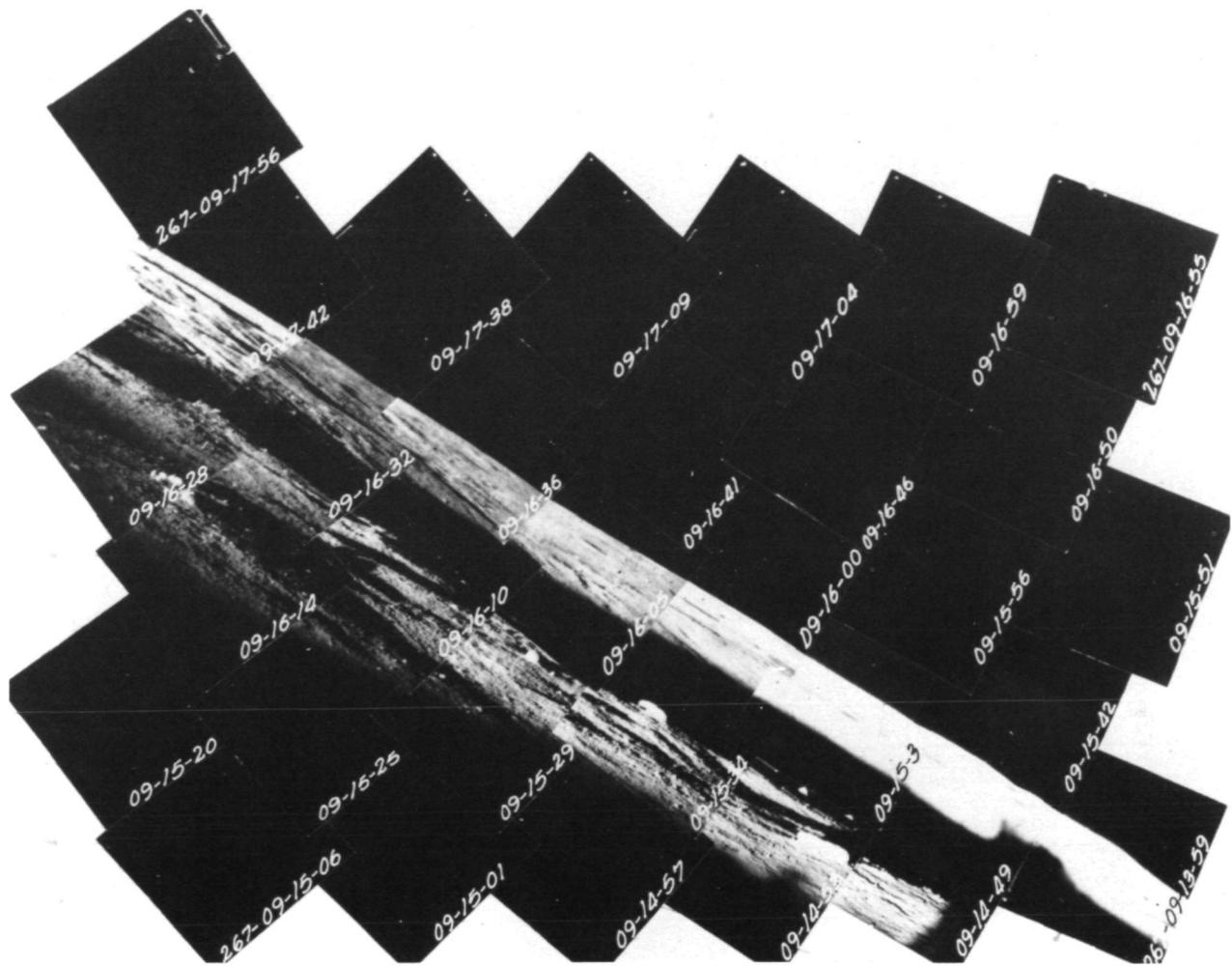


Figure 179.—Day 267, survey P, sectors 9 and 10. (USGS 868-207)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
267 091511	-33	-5.6	4.1	23.2	5	
267 091515	-30	-0.7	4.1	23.2	1	
267 091619	-33	4.3	4.1	23.4	1	
267 091837	-27	4.3	4.1	16.6	1	
267 091913	-21	4.3	3.8	15.9	1	
267 091917	-15	4.3	4.1	16.6	1	
267 091922	-9	4.3	4.1	16.6	1	
267 091926	-3	4.3	4.1	16.6	1	
267 091935	0	9.3	4.1	16.6	1	
267 091939	-6	9.3	4.1	16.6	1	
267 091944	-12	9.3	4.1	16.6	1	
267 091948	-18	9.3	4.1	16.6	1	
267 091953	-24	9.3	4.1	16.6	1	
267 091624	-30	9.3	4.1	23.4	1	
267 091747	-33	14.4	4.1	16.6	1	
267 091958	-27	14.4	10.5	21.1	2	
267 092002	-21	14.4	4.1	16.6	1	
267 092007	-15	14.4	4.1	16.5	1	
267 092012	-9	14.4	4.1	16.6	1	
267 092016	-3	14.4	196	16.6	1	
267 092021	0	19.4	4.1	16.6	1	DUPLICATE
267 092041	0	19.4	4.1	11.6	1	
267 092107	-6	19.4	4.1	11.6	1	
267 092112	-12	19.4	1.73	4.6	1	
267 092116	-18	19.4	4.1	11.6	1	
267 092121	-24	19.4	4.1	11.6	1	
267 091752	-30	19.4	4.1	16.6	1	
267 092126	-27	24.3	4.1	11.6	1	
267 092129	-21	24.3	4.1	11.6	1	
267 092134	-15	24.3	4.1	11.6	1	
267 092138	-9	24.3	4.1	11.6	1	
267 092143	-3	24.3	4.1	11.6	1	
267 092148	0	29.2	4.1	11.6	1	
267 092152	-6	29.2	4.1	11.6	1	

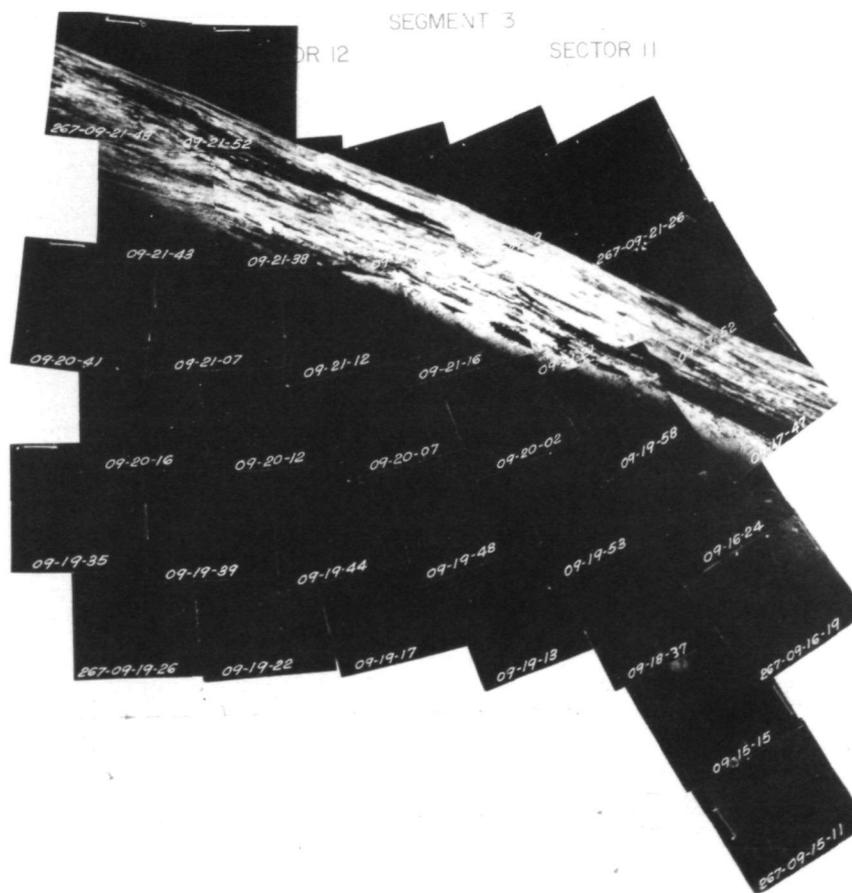


Figure 180.—Day 267, survey P, sectors 11 and 12. (USGS 868-207)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
267 092254	3	24.3	4.1	8.2	1	
267 092329	9	24.3	4.1	8.2	1	
267 092333	15	24.3	4.1	8.2	1	
267 092338	21	24.3	4.1	8.2	1	
267 092342	27	24.3	4.1	8.2	1	
267 092450	36	29.2	3.1	25.4	1	DUPLICATE
267 092515	36	29.2	4.1	8.2	1	
267 092347	30	29.2	4.1	8.2	1	
267 092352	24	29.2	4.1	8.2	1	
267 092355	18	29.2	196	17.0	1	
267 092400	12	29.2	4.1	8.2	1	
267 092404	6	29.2	4.1	8.2	1	

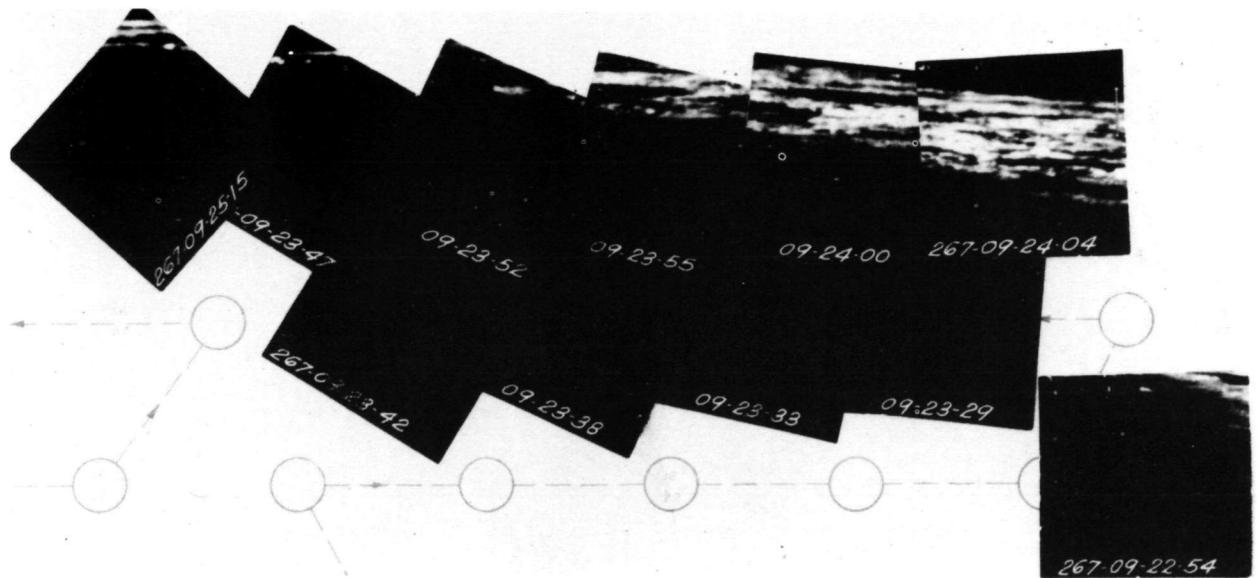


Figure 181.—Day 267, survey P, sectors 13 and 14. (USGS 868-306)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
267 092551	42	29.2	4.1	5.7	1	
267 092619	48	29.2	4.1	5.7	1	
267 092647	54	29.2	4.1	5.7	1	
267 092734	60	29.2	3.8	5.6	1	

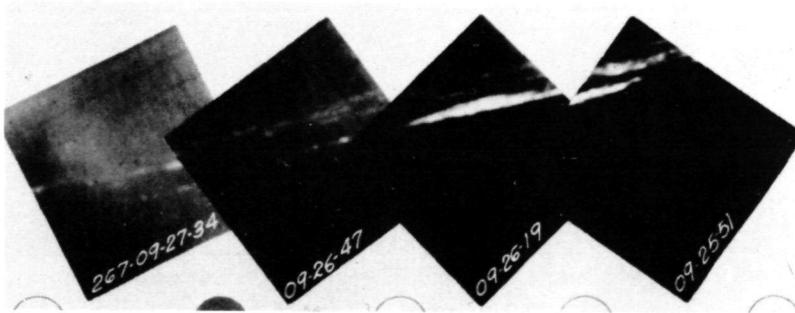


Figure 182.—Day 267, survey P, sector 15. (USGS 868-306)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
267 095927	-141	-35.3	4.1	11.6	1	
267 100001	-135	-35.3	1.73	4.6	2	
267 100005	-129	-35.3	4.1	11.7	1	
267 100010	-123	-35.3	4.1	11.6	5	
267 100015	-117	-35.3	4.1	11.7	1	
267 100019	-111	-35.3	4.1	11.6	1	
267 100024	-108	-30.3	4.1	11.6	1	
267 100027	-114	-30.3	4.1	11.7	1	
267 100032	-120	-30.3	4.1	11.6	1	
267 100037	-126	-30.3	4.1	11.7	1	
267 100041	-132	-30.3	4.1	11.6	1	
267 100046	-138	-30.3	4.1	11.6	1	
267 100054	-141	-25.3	4.1	11.6	1	
267 100059	-135	-25.3	4.1	11.6	1	
267 100103	-129	-25.3	4.1	25.4	1	
267 100109	-123	-25.3	4.1	11.6	1	
267 100114	-117	-25.3	4.1	11.6	1	
267 100118	-111	-25.3	4.1	11.6	1	

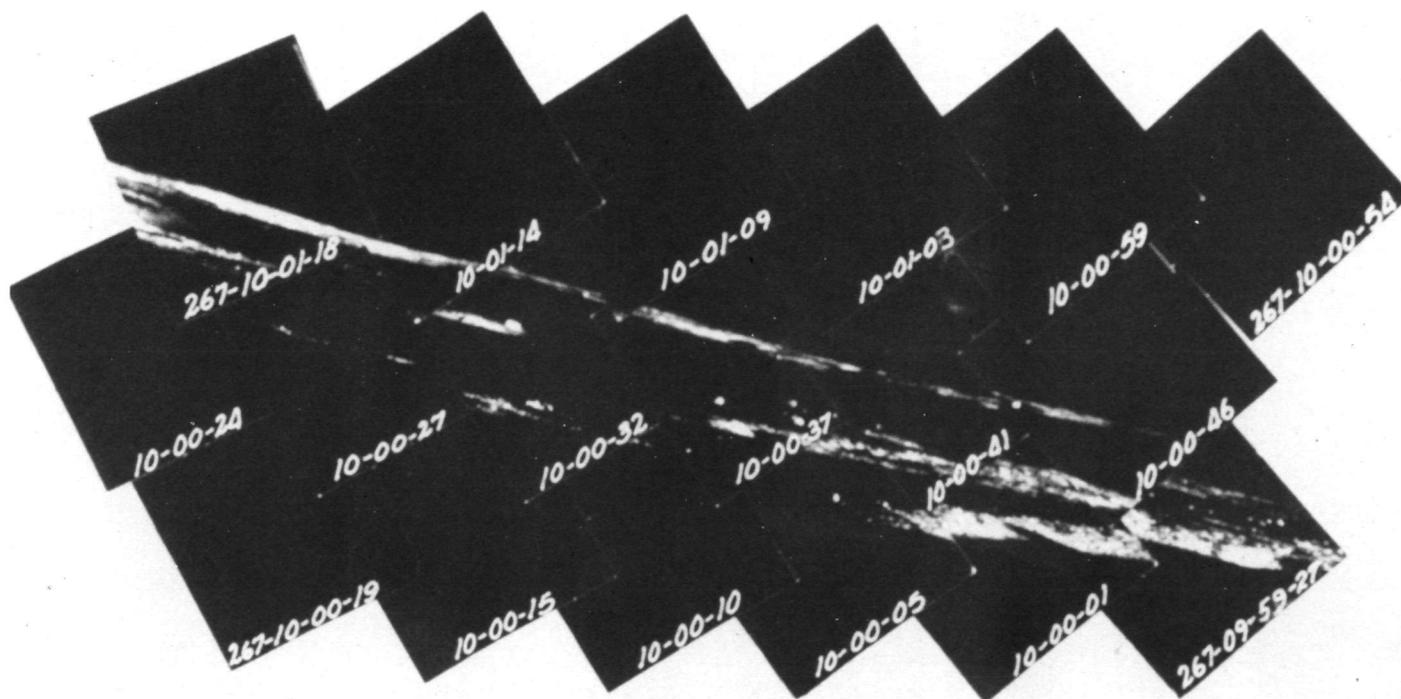


Figure 183.—Day 267, survey Q, sectors 5 and 6. (USGS 868-239)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
267 100206	-102	-30.3	4.1	16.5	1	
267 100252	-105	-25.3	4.1	16.5	5	
267 100257	-99	-25.3	4.1	16.5	1	
267 100301	-93	-25.3	4.1	16.5	1	
267 100306	-87	-25.3	4.1	16.5	1	
267 100310	-81	-25.3	4.1	16.5	1	
267 100315	-75	-25.3	4.1	16.5	1	
267 100320	-72	-20.3	4.1	16.5	1	
267 100324	-78	-20.3	4.1	16.5	1	
267 100329	-84	-20.3	4.1	16.5	1	
267 100333	-90	-20.3	4.1	16.5	1	
267 100337	-96	-20.3	4.1	16.5	1	
267 100342	-102	-20.3	4.1	16.5	1	
267 100346	-105	-15.3	4.1	16.5	1	
267 100351	-99	-15.3	4.1	16.5	1	
267 100355	-93	-15.3	4.1	16.5	1	
267 100400	-87	-15.3	4.1	16.5	1	
267 100405	-81	-15.3	4.1	16.5	1	
267 100409	-75	-15.3	4.1	16.5	1	
267 100426	-75	-15.3	4.1	23.2	1	DUPLICATE
267 100436	-72	-10.5	4.1	23.2	1	
267 100441	-78	-10.5	4.1	23.2	1	
267 100444	-84	-10.5	4.1	23.2	1	
267 100537	-75	-5.6	4.1	23.2	1	
267 100635	-75	-5.6	4.1	18.5	1	DUPLICATE
267 100650	-75	-5.6	4.1	23.2	1	DUPLICATE

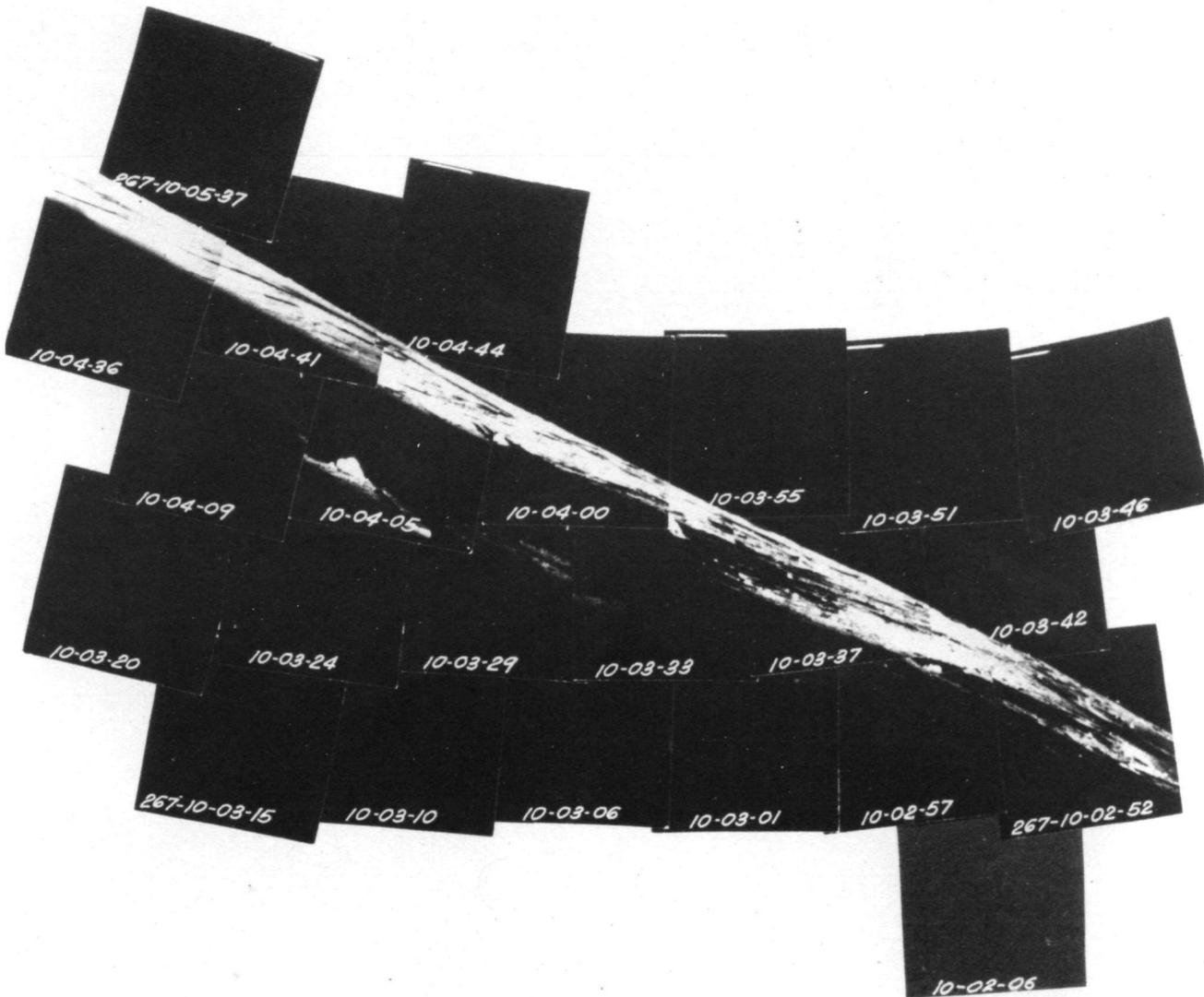


Figure 184.—Day 267, survey Q, sectors 7 and 8. (USGS 868-219)

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
267 101516	-69	-5.6	4.1	23.2	1	
267 101546	-69	-5.6	4.1	23.2	1	DUPLICATE
267 101809	-63	-5.6	4.1	23.4	1	
267 101813	-57	-5.6	4.1	23.2	1	
267 101817	-51	-5.6	4.1	23.2	1	
267 101822	-45	-5.6	4.1	23.2	1	
267 101827	-39	-5.6	4.1	23.2	1	
267 101831	-33	-5.6	4.1	23.4	1	NOT SHOWN
267 101836	-30	-0.7	4.1	23.4	1	NOT SHOWN
267 101841	-36	-0.7	4.1	23.4	1	
267 101845	-42	-0.7	4.1	23.4	1	
267 101850	-48	-0.7	4.1	23.2	1	
267 101853	-54	-0.7	4.1	23.2	1	
267 101858	-60	-0.7	196	22.2	1	
267 101903	-66	-0.7	4.1	23.4	1	
267 101912	-69	4.3	4.1	23.4	1	
267 101916	-63	4.3	4.1	23.4	1	
267 101921	-57	4.3	4.1	23.4	5	
267 101926	-51	4.3	4.1	23.4	1	
267 101930	-45	4.3	4.1	23.2	1	DUPLICATE
267 101949	-45	4.3	4.1	16.6	1	
267 102019	-45	4.3	196	15.9	5	DUPLICATE
267 102025	-39	4.3	4.1	16.6	1	



Figure 185.—Day 267, survey Q, sectors 9 and 10. (USGS 868-219)

FRAME IDENTIFICATION DATA

Each time the Surveyor 5 camera transmitted a television picture, it also transmitted data on camera azimuth, elevation, focal length, focus, and iris. These data were printed on the margins of the film recordings of the pictures. The photographic parameters in the telemetry stream are outlined in table II.

The frame identification data contained errors, many of which have been corrected by image analysis in the mosaics and tabulations. The number of telemetry errors increased greatly toward lunar sunset, as the camera began to cool. Many of the parameters shown in the tabulations differ from those imprinted on the margins of Surveyor 5 negatives. In most cases the data on the negatives were derived from the raw spacecraft telemetry and are less likely to be correct than the data shown in the tabulations. The GMT numbers used as frame identification in the tabulations have been made to coincide with the set of negatives on file with the U.S. Geological Survey. Other sets of negatives exist, some of which may have slightly different numbers. It was not possible to tabulate alternate identification numbers for each frame. Table III shows the degree of correction of telemetered data that has been applied to various categories of pictures in this atlas. No attempt was made to correct obviously absurd data, except as noted in table III, and except in the case of camera mirror pointing angles. These angles were determined by detents and are known from calibration to be within $\pm 0.1^\circ$ of nominal value. All pointing angles were therefore adjusted to their nominal values to permit computer sorting. The magnitude of any errors that still exist in the tabulations, therefore, is a multiple of 3° in azimuth or 4.96° in elevation.

Because of the importance of the type of survey, all Surveyor 5 pictures have been listed by survey type in table IV. All Surveyor television pictures

Table II.—*Photographic Parameters on the Surveyor 5 Television Camera*

Parameter	Value
Azimuth ^a	132° counterclockwise; -225° clockwise, in 3° increments
Elevation	70° below camera horizontal to 39° above, in 4.96° increments ^b
Focal length	25 (25.3° field of view along frame edge) to 100 mm (6.4° field of view along frame edge), continuously variable with end stops
Focus	0.97 to 196 m in 50 increments
Iris	<i>f</i> /4 to <i>f</i> /22 in 1/2-stop increments
Filters	Clear (filter no. 1 or 5), 2 green, 3 blue, and 4 red
Shutter	150 msec or open (for time exposure)
Resolution	200 or 600 television lines

^aIn the Surveyor 5 azimuth numbering convention, angles measured clockwise from 0° are negative, and those measured counterclockwise from 0° are positive. The 0° position was chosen to coincide with a spacecraft coordinate axis. The spacecraft coordinate system is not relevant here; therefore, the 0° position is arbitrary for purposes of this discussion.

^bThe camera could be aimed lower than 70°, but the lunar surface was occulted by the camera structure itself. The highest elevation detent (39°) was not used for fear the mirror would stick in that position.

Table III.—*Corrections Applied to Telemetered Data With Respect to Survey Type*

Survey type	Parameters corrected	Method
Narrow-angle survey panorama	Azimuth, elevation, and focal length	Image analysis ^a
Wide-angle survey panorama	Azimuth, elevation, and focal length	Image analysis ^a
Photometric and colorimetric surveys	Azimuth, elevation, iris, filter, and focal length	Image analysis ^a and command data records ^b
Focus ranging	Azimuth, elevation focus setting, and focal length	Image analysis ^a and command data records ^b

^aImage analysis consists of measuring the placement picture centers from accurate mosaics of several pictures, or of comparing in-focus zones or comparing local density variations in pictures of the same area.

^bCommand data records were made during spacecraft mission operations by verifying in real time that commands were properly executed. This could not be done conveniently with automatic surveys commanded by prepunched paper tapes.

are identified by the Greenwich mean time (GMT) at which they were taken. This is a 9-digit number, an example of which follows:

<i>Day</i>	<i>Hour</i>	<i>Min</i>	<i>Sec</i>
258	05	05	45

Looking in table V, the picture used as an example above is found to be part of special survey D, taken at a camera azimuth of -168° and an elevation of -35.3° . Table IV reveals that it was taken at a focus setting of 1.46 m, an iris of 23.6, through filter number 5. Table VI lists 19 other pictures that were taken at the same camera azimuth and elevation, and table VII shows that a picture taken with a camera azimuth of -168° and a camera elevation of -35.3° is actually aimed along a lunar azimuth of 191.3° (clockwise from north) and is depressed -5.4° below the true horizontal. (Note that in table VII, horizontal angles are given in degrees clockwise from north. Vertical angles are given with reference to the true horizontal, as determined by star, horizon, and time of sunset measurements. Where possible, the x , y , and z ground coordinates (referenced to lunar north, and with the x , y plane level) of the center of each picture are given. No values are shown if these points lie in the spacecraft structure or more than 12.5 m from the camera.)

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE IV - LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
SPECIAL A							255 005739	81	-40.3	1.94	16.8	1	
255 000326	-60	-55.2	1.79	12.3	1		255 005817	84	-40.3	2.03	16.5	1	
255 000737	-60	-60.1	1.79	17.6	1		255 005822	87	-40.3	2.03	16.7	1	
255 000941	-60	-60.1	1.73	12.3	1		255 005825	90	-40.3	2.03	16.7	1	
255 001225	-60	-60.1	2.1	15.6	1		255 005830	93	-40.3	2.03	16.8	1	
255 001359	-54	-60.1	2.1	11.0	1		255 005835	96	-40.3	2.03	16.7	1	
255 001430	-57	-55.2	2.2	17.5	1		255 005840	99	-40.3	2.1	16.8	1	
255 001519	-63	-55.2	2.2	17.6	1		255 005843	99	-45.3	1.94	16.7	1	
255 001610	-66	-60.1	2.1	17.6	1		255 005848	96	-45.3	1.94	16.7	1	
255 001758	-54	-60.1	2.1	12.2	1		255 005853	93	-45.3	1.94	16.8	1	
255 001826	-54	-50.2	2.1	12.2	1	NO ID, GMT EST	255 005858	90	-45.3	1.94	16.8	1	
255 001831	-66	-50.2	2.1	12.3	1		255 005901	87	-45.3	1.94	16.7	1	
255 001835	-66	-60.1	2.1	12.3	1		255 005906	84	-45.3	1.87	16.7	1	
255 002007	-72	-65.1	2.03	12.1	1		255 005911	81	-45.3	1.87	16.8	1	
255 002327	-72	-65.1	2.03	12.3	1		255 005915	78	-45.3	1.87	16.7	1	
255 003211	-75	-65.1	2.03	12.2	1		255 005919	75	-45.3	1.87	16.8	1	
255 003251	-72	-65.1	2.03	12.3	1		255 005927	90	-50.2	1.87	16.7	1	
255 003256	-66	-65.1	2.03	12.3	1		255 005931	93	-50.2	1.87	16.8	1	
255 003301	-60	-65.1	2.03	12.3	1		255 005936	96	-50.2	1.87	16.8	1	
255 003304	-54	-65.1	1.94	12.2	1		255 005941	99	-50.2	1.87	16.8	1	
255 003309	-48	-65.1	1.94	12.3	1		255 015835	126	-20.3	1.33	16.8	1	
255 003314	-42	-65.1	1.87	12.3	1		255 015957	129	-20.3	1.33	16.8	1	
255 003319	-39	-60.1	1.94	12.3	1		255 020001	129	-15.3	1.58	16.8	1	
255 003323	-45	-60.1	2.03	12.3	1		255 020006	126	-15.3	1.58	16.8	1	
255 003328	-51	-60.1	2.03	12.3	1		255 020012	126	-10.5	1.79	16.8	1	
255 003333	-57	-60.1	2.03	12.3	1		255 020016	129	-10.5	1.79	16.8	1	
255 003336	-63	-60.1	2.1	12.3	1		255 020132	87	-10.5	3.8	16.7	1	
255 003341	-69	-60.1	2.1	12.3	1		255 020207	81	-10.5	3.8	16.8	1	
255 003346	-75	-60.1	2.1	12.3	1		255 020212	75	-10.5	3.5	16.7	1	
255 003351	-78	-60.1	2.2	12.3	1		255 020215	69	-10.5	3.5	16.7	1	
255 003356	-78	-55.2	2.3	12.3	1		255 020220	72	-15.3	3.1	16.8	1	
255 003359	-72	-55.2	2.3	12.3	1		255 020225	75	-15.3	3.1	16.8	1	
255 003404	-69	-55.2	2.3	12.3	1		255 020230	78	-15.3	3.1	16.8	1	
255 003409	-66	-55.2	2.3	12.3	1		255 020233	81	-15.3	3.1	16.8	1	
255 003414	-60	-55.2	2.2	12.3	1		255 020238	84	-15.3	3.3	16.8	1	
255 003418	-54	-55.2	2.2	12.3	1		255 020243	81	-20.3	2.7	16.8	1	
255 003423	-48	-55.2	2.1	12.3	1		255 020248	78	-20.3	2.7	16.8	1	
255 003428	-42	-55.2	2.1	12.3	1		255 020252	75	-20.3	2.7	16.8	1	
255 003432	-45	-50.2	2.3	12.3	1		255 020257	72	-20.3	2.7	16.8	1	
255 003436	-51	-50.2	2.3	12.3	1		255 020301	69	-20.3	2.7	16.8	1	
255 003441	-54	-50.2	2.3	12.3	1		255 020404	75	-20.3	2.6	23.5	1	
255 003446	-57	-50.2	2.5	12.3	1		255 020427	81	-20.3	2.6	23.5	1	
255 003451	-60	-50.2	2.5	12.3	1		255 020433	78	-15.3	2.9	23.5	1	
255 003454	-63	-50.2	2.5	12.3	1		255 020622	78	-15.3	2.9	23.5	1	
255 003459	-66	-50.2	2.5	12.3	1		255 020831	75	-25.3	2.9	23.5	1	
255 003504	-69	-50.2	2.5	12.3	1		255 020940	81	-25.3	2.9	23.7	1	
255 003509	-72	-50.2	2.6	12.3	1		255 021103	81	-20.3	2.9	23.5	1	
255 003512	-75	-50.2	2.6	12.3	1		255 021301	51	-0.7	1.79	23.5	1	
255 003517	-72	-45.3	2.9	12.3	1		255 021448	51	-5.6	1.79	23.5	1	
255 003522	-66	-45.3	2.7	12.3	1		255 021535	51	-5.6	1.79	23.5	1	
255 003527	-60	-45.3	2.7	12.3	1		255 021711	51	-5.6	1.87	23.7	1	
255 003530	-54	-45.3	2.6	12.3	1		255 021843	51	-5.6	1.79	23.7	1	
255 003535	-48	-45.3	2.5	12.3	1		255 022039	51	-5.6	1.79	20.3	1	
255 003805	39	-50.2	1.03	12.3	1		255 022043	51	-5.6	1.79	23.5	1	
255 003953	39	-50.2	1.03	17.6	1		255 022048	51	-5.6	1.79	23.5	1	
255 004212	45	-50.2	1.03	11.6	5		255 022143	51	-5.6	1.79	8.1	2	
255 004217	51	-50.2	1.03	11.6	1		255 022147	51	-5.6	1.79	8.2	2	
255 004220	54	-45.3	1.09	11.6	1		255 022152	51	-5.6	1.79	8.2	2	
255 004225	48	-45.3	1.09	11.6	1		255 022222	51	-5.6	1.79	8.2	3	
255 004230	42	-45.3	1.09	11.6	1		255 022227	51	-5.6	1.79	8.2	3	
255 004235	36	-45.3	1.09	11.6	1		255 022232	51	-5.6	1.79	8.2	3	
255 004238	39	-40.3	1.12	11.6	1		255 022324	51	-5.6	1.79	8.2	4	
255 004243	45	-40.3	1.12	11.6	1		255 022329	51	-5.6	1.79	8.2	4	
255 004248	51	-40.3	1.12	11.6	1		255 022334	51	-5.6	1.79	8.2	4	
255 004252	57	-40.3	1.12	11.6	1		255 022435	51	-5.6	1.79	8.2	1	
255 004257	54	-35.3	1.15	11.6	1		255 022704	-216	-15.3	1.79	10.0	1	
255 004301	48	-35.3	1.15	11.6	1		255 022822	-216	-10.5	1.79	11.6	1	
255 004433	81	-40.3	1.94	11.7	1		255 022924	-219	-10.5	1.79	11.6	1	
255 004442	81	-40.3	1.94	11.6	1		255 022929	-219	-15.3	1.58	11.6	1	
255 005018	84	-40.3	2.03	11.6	1		255 022934	-216	-15.3	1.58	11.6	1	
255 005022	87	-40.3	2.03	11.6	1		255 022940	-216	-20.3	1.33	11.6	1	
255 005027	90	-40.3	2.03	11.6	1		255 022945	-219	-20.3	1.33	11.6	1	
255 005032	93	-40.3	2.03	14.4	1		255 023040	-210	-40.3	2.6	11.6	1	
255 005036	96	-40.3	2.03	11.6	1		255 023133	-213	-40.3	2.6	11.6	1	
255 005041	99	-40.3	2.1	11.6	1		255 023155	-216	-40.3	2.6	11.6	1	
255 005045	99	-45.3	1.94	11.6	1		255 023224	-219	-40.3	2.5	11.6	1	
255 005050	96	-45.3	1.94	11.6	1		255 023229	-213	-45.3	2.3	11.6	1	
255 005054	93	-45.3	1.94	11.6	1		255 023233	-210	-45.3	2.5	11.6	1	
255 005059	90	-45.3	1.94	11.6	1		255 023238	-207	-45.3	2.5	11.7	1	
255 005103	87	-45.3	1.94	11.6	1		255 023242	-204	-45.3	2.5	11.6	1	
255 005107	84	-45.3	1.87	11.6	1		255 023337	-201	-45.3	2.5	11.6	1	
255 005112	81	-45.3	1.87	11.6	1		255 023342	-201	-50.2	2.2	11.6	1	
255 005117	78	-45.3	1.87	11.6	1		255 023413	-204	-50.2	2.2	11.6	1	
255 005121	75	-45.3	1.87	11.6	1		255 023443	-207	-50.2	2.2	11.6	1	
255 005602	81	-45.3	1.94	11.6	1		255 023447	-210	-50.2	2.2	11.6	1	
							255 023452	-213	-50.2	2.2	11.6	1	
							255 023457	-216	-50.2	2.1	11.6	1	
							255 023557	-174	-45.3	1.03	11.6	1	
							255 023714	-168					

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE IV - LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE - CONT.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
256 073157	-213	-35.3	2.9	16.9	1		258 081219	-201	-35.3	3.1	17.7	1	
256 073222	-213	-35.3	2.9	16.9	1		258 081251	-201	-35.3	3.3	17.8	1	
256 073227	-213	-30.3	3.3	16.9	1		258 081319	-201	-35.3	3.5	17.7	1	
256 073230	-210	-30.3	3.3	16.9	1		258 081343	-201	-35.3	3.8	17.7	1	
256 073235	-207	-30.3	3.3	16.9	1		258 081411	-201	-35.3	4.1	17.7	1	
256 073240	-204	-30.3	3.3	16.9	1		258 081439	-201	-35.3	4.5	17.7	1	
256 073245	-201	-30.3	3.3	16.9	1		258 081508	-201	-35.3	4.9	17.8	1	
256 073248	-198	-35.3	2.9	16.9	1		258 081528	-201	-35.3	5.5	17.8	1	
256 073340	-201	-35.3	2.9	16.9	1		258 081733	-201	-35.3	3.5	17.8	1	
256 073345	-204	-35.3	2.9	16.9	1		258 081828	-198	-40.3	3.1	17.7	1	
256 073353	-207	-35.3	2.9	16.9	1		258 081835	-201	-40.3	3.1	17.7	1	
256 073358	-210	-35.3	2.9	16.9	1		258 081842	-204	-40.3	3.1	17.7	1	
256 073404	-210	-40.3	2.6	16.9	1		258 081848	-207	-40.3	3.1	17.8	1	
256 073409	-207	-40.3	2.6	16.9	1		258 081856	-210	-40.3	3.1	17.7	1	
256 073413	-204	-40.3	2.6	16.9	1		258 081902	-210	-45.3	2.7	17.8	1	
256 073417	-201	-40.3	2.6	16.9	1		258 081906	-207	-45.3	2.7	17.8	1	
256 073422	-198	-40.3	2.6	16.9	1		258 081910	-204	-45.3	2.7	17.7	1	
256 073427	-195	-40.3	2.6	16.9	1		258 081915	-201	-45.3	2.7	17.8	1	
256 073826	-96	-40.3	2.6	16.9	1		258 081920	-198	-45.3	2.7	17.7	3	
							258 081924	-195	-45.3	2.7	17.8	1	

MIRROR FOCUS RANGING D

257 051439	-216	-40.3	2.1	16.9	1
257 051709	-195	-40.3	3.1	16.9	1
257 051838	-201	-40.3	3.1	16.9	1
257 051843	-207	-40.3	3.1	16.9	1
257 051847	-213	-40.3	3.1	16.9	1
257 051929	-216	-40.3	3.1	16.9	1
257 051934	-213	-35.3	3.5	16.9	1
257 051937	-210	-35.3	3.5	16.9	1
257 051942	-207	-35.3	3.5	16.9	1
257 051947	-204	-35.3	3.5	16.9	1
257 051952	-201	-35.3	3.5	16.9	1
257 051955	-198	-40.3	3.1	16.9	1
257 052026	-201	-40.3	3.1	16.9	1
257 054128	-201	-35.3	2.3	16.9	1
257 054249	-201	-35.3	2.5	16.9	1
257 054308	-201	-35.3	2.6	16.9	1
257 054323	-201	-35.3	2.7	16.9	1
257 054341	-201	-35.3	2.9	16.9	1
257 054358	-201	-35.3	3.1	16.9	1
257 054412	-201	-35.3	3.3	16.9	1
257 054429	-201	-35.3	3.5	16.9	1
257 054445	-201	-35.3	3.8	16.9	1
257 054503	-201	-35.3	4.1	16.9	1
257 054518	-201	-35.3	4.5	16.9	1
257 054613	-201	-40.3	3.1	16.9	1
257 054739	-204	-40.3	3.1	16.9	1
257 054746	-207	-40.3	3.1	16.9	1
257 054754	-210	-40.3	3.1	16.9	1
257 054801	-210	-45.3	2.7	16.9	1
257 054841	-210	-45.3	2.6	16.9	1
257 054952	-213	-45.3	2.6	16.8	1
257 054956	-216	-45.3	2.6	16.9	1
257 055000	-216	-50.2	2.3	16.9	1
257 055005	-213	-50.2	2.3	16.8	1
257 055010	-210	-50.2	2.5	16.9	1
257 055015	-207	-50.2	2.5	16.9	1
257 055018	-204	-50.2	2.5	16.8	1
257 055023	-201	-50.2	2.5	16.8	1
257 055028	-201	-55.2	2.3	16.9	1
257 055033	-204	-55.2	2.2	16.9	1
257 055036	-207	-55.2	2.2	16.9	1
257 055041	-210	-55.2	2.2	16.8	1
257 055046	-213	-55.2	2.2	16.9	1
257 055051	-216	-55.2	2.1	16.9	1

MIRROR E

258 075851	-198	-40.3	3.1	17.7	1
258 080409	-198	-40.3	3.1	17.7	1
258 080521	-195	-40.3	1.43	11.5	1
258 080646	-201	-40.3	3.1	17.8	1
258 080651	-207	-40.3	3.1	17.7	1
258 080656	-213	-40.3	3.1	17.8	1
258 080757	-213	-40.3	3.1	17.7	1
258 080802	-213	-35.3	3.5	17.7	1
258 080805	-210	-35.3	3.5	17.8	1
258 080810	-207	-35.3	3.5	17.8	1
258 080815	-204	-35.3	3.5	17.7	5
258 080819	-201	-35.3	3.5	17.7	1
258 080820	-201	-35.3	3.5	17.7	1
258 081007	-201	-35.3	2.6	17.8	1
258 081117	-201	-35.3	2.7	25.4	1
258 081152	-201	-35.3	2.9	17.8	1

MIRROR F

259 050619	-195	-40.3	3.1	5.9	2
259 050701	-201	-40.3	3.1	5.9	2
259 050745	-204	-40.3	3.1	5.9	2
259 050845	-207	-40.3	3.1	5.9	2
259 050854	-210	-40.3	3.1	5.9	2
259 050954	-210	-40.3	3.1	5.9	2
259 050957	-210	-35.3	3.5	5.9	2
259 051002	-207	-35.3	3.5	5.9	2
259 051007	-204	-35.3	3.5	5.9	2
259 051012	-201	-35.3	3.5	5.9	2
259 051015	-198	-35.3	3.5	5.9	2
259 051020	-195	-40.3	3.1	5.9	2
259 051210	-195	-40.3	3.1	5.9	2
259 051407	-195	-40.3	3.1	5.9	2
259 051607	-198	-40.3	3.1	5.9	2
259 051751	-201	-40.3	3.1	5.9	2
259 052020	-201	-40.3	2.9	5.9	2
259 052035	-201	-40.3	2.7	5.9	2
259 052046	-201	-40.3	2.6	5.9	2
259 052055	-201	-40.3	2.5	5.9	2
259 052105	-201	-40.3	2.3	5.9	2
259 052116	-201	-40.3	2.2	5.9	2
259 052119	-201	-40.3	1.79	5.9	2
259 052125	-201	-40.3	2.1	5.9	2
259 052136	-201	-40.3	2.03	5.9	2
259 052144	-201	-40.3	1.94	5.9	2
259 052155	-201	-40.3	1.87	5.9	2
259 052230	-201	-40.3	1.79	5.9	2
259 052239	-201	-40.3	1.73	5.9	2
259 052249	-201	-40.3	1.67	5.9	2
259 052300	-201	-40.3	1.61	5.9	2
259 052327	-204	-40.3	1.58	5.9	2
259 052508	-204	-40.3	1.79	5.9	2
259 052548	-207	-40.3	1.79	5.9	2
259 052556	-210	-40.3	1.79	5.9	2
259 052602	-210	-45.3	1.73	5.9	2
259 052607	-207	-45.3	1.73	5.9	2
259 052611	-204	-45.3	1.73	5.9	2
259 052616	-201	-45.3	1.73	5.9	2
259 052620	-198	-45.3	1.73	5.9	2
259 052625	-195	-45.3	1.73	5.9	2
259 055302	-195	-45.3	1.73	5.9	2
259 055507	-162	-35.3	1.94	5.9	2

MIRROR G

261 065753	-195	-80.3	1.94	4.7	2
261 065944	-195	-80.3	1.79	4.7	2
261 070022	-180	-80.3	1.79	4.7	2
261 070027	-207	-80.3	1.79	4.7	2
261 070031	-213	-80.3	1.79	4.7	2
261 070332	-213	-40.3	1.79	4.7	2
261 070529	-213	-40.3	1.79	7.2	2
261 070601	-213	-40.3	1.94	7.2	2
261 070605	-213	-35.3	1.94	7.2	2
261 070609	-210	-35.3	1.94	7.2	2
261 070614	-206	-35.3	1.94	7.2	2
261 070619	-204	-35.3	1.94	7.2	2
261 070623	-201	-35.3	1.87	7.1	2
261 070627	-198	-40.3	1.79	7.1	2
261 070657	-201	-40.3	1.79	7.2	2
261 070707	-204	-40.3	1.79	7.2	2

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE IV - LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE - CONT.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
259 044546	-57	-60.1	1.87	5.6	4		262 050514	-57	-60.1	1.79	17.6	1	
259 044555	-57	-60.1	1.87	5.6	4		262 050713	-57	-60.1	1.79	17.6	1	
259 044644	-57	-60.1	1.87	16.9	1		262 050804	-57	-60.1	1.79	25.4	1	
259 044655	-57	-60.1	1.87	16.9	1		262 050827	-57	-60.1	1.79	12.2	1	
259 044706	-57	-60.1	1.87	16.9	1		262 050902	-54	-60.1	1.79	12.2	1	
259 044746	-57	-60.1	1.87	5.6	2		262 050913	-54	-60.1	1.79	12.2	1	
259 044757	-57	-60.1	1.87	5.6	2		262 050958	-54	-60.1	1.79	17.7	1	
259 044808	-57	-60.1	1.87	5.6	2		262 051009	-54	-60.1	1.79	17.7	1	
259 044826	-57	-60.1	1.87	5.6	2								
MAGNET (COLOR) F							MAGNETS J						
259 144213	-63	-60.1	1.79	19.8	2		263 105545	-57	-60.1	1.87	8.2	1	
259 144545	-63	-60.1	1.79	5.6	2		263 105619	-54	-55.2	1.87	8.2	1	
259 144702	-63	-60.1	1.79	8.3	2		263 105640	-54	-55.2	1.87	5.7	1	
259 144946	-63	-60.1	1.79	8.3	3		263 105721	-57	-60.1	1.87	5.7	1	
259 144958	-63	-60.1	1.79	8.3	2		263 105852	-54	-65.1	2.03	16.6	1	
259 145047	-63	-60.1	1.79	8.3	3		263 105955	-54	-55.2	2.03	16.6	1	
259 145057	-63	-60.1	1.79	8.3	3		263 110000	-66	-55.2	2.03	16.6	1	
259 145108	-63	-60.1	1.79	8.3	3		263 110005	-66	-65.1	2.03	16.8	1	
259 145222	-63	-60.1	1.79	8.3	4								
259 145233	-63	-60.1	1.79	8.3	4		MAGNETS K						
259 145244	-63	-60.1	1.79	8.3	4		264 051755	-57	-60.1	1.87	17.3	1	
259 145412	-63	-60.1	1.79	23.6	1		264 052241	-57	-60.1	1.87	17.3	1	
259 145424	-63	-60.1	1.79	23.6	1		264 052434	-54	-60.1	2.03	17.6	1	
259 145434	-63	-60.1	1.79	23.6	1		264 052615	-54	-65.1	2.03	17.6	1	
259 145648	-60	-60.1	1.79	4.1	2		MAGNETS L						
259 145758	-60	-60.1	1.79	6.1	2		265 022940	-57	-60.1	1.87	4.1	1	
259 150123	-60	-60.1	1.79	6.1	2		265 043935	-57	-60.1	1.87	4.1	1	
259 150124	-60	-60.1	1.79	6.1	2		265 044029	-57	-60.1	1.87	4.1	1	
259 150145	-60	-60.1	1.79	6.1	2		MAGNETS M						
259 150338	-63	-60.1	1.79	8.8	2		266 055340	-60	-60.1	1.87	11.4	1	
259 150413	-63	-60.1	1.79	8.8	2		266 055432	-60	-60.1	1.87	8.0	1	
259 150847	-57	-60.1	1.79	8.8	2		266 055531	-60	-60.1	1.87	4.0	1	
259 150947	-57	-60.1	1.79	8.8	2		MAGNETS N						
259 150958	-57	-60.1	1.79	8.8	2		266 094740	-57	-60.1	1.87	16.5	1	
259 151009	-57	-60.1	1.79	8.8	3		266 094751	-57	-60.1	1.87	16.6	1	
259 151336	-57	-60.1	1.79	8.8	3		266 094833	-57	-60.1	1.96	16.5	1	
259 151347	-57	-60.1	1.79	8.8	3		266 094838	-57	-60.1	1.87	16.5	1	
259 151359	-57	-60.1	1.79	8.8	3		266 094933	-57	-60.1	1.87	5.6	2	
259 151510	-57	-60.1	1.79	8.8	4		266 094943	-57	-60.1	1.87	5.6	2	
259 151521	-57	-60.1	1.79	8.8	4		266 094943	-57	-60.1	1.87	5.6	2	
259 151533	-57	-60.1	1.79	8.8	4		266 095005	-57	-60.1	1.87	5.6	3	
259 151655	-57	-60.1	1.79	23.7	1		266 095016	-57	-60.1	1.87	5.6	3	
259 151706	-57	-60.1	1.79	23.7	1		266 095111	-57	-60.1	1.87	5.6	4	
259 151717	-57	-60.1	1.79	23.7	1		266 095121	-57	-60.1	1.87	5.6	4	
259 151901	-54	-60.1	1.79	5.6	2		266 095221	-57	-60.1	1.87	16.4	1	
259 151911	-54	-60.1	1.79	5.6	2		266 095249	-57	-60.1	1.87	23.3	1	
259 151924	-54	-60.1	1.79	5.6	2		266 095258	-57	-60.1	1.87	23.2	1	
259 151954	-54	-60.1	1.79	5.6	3		266 095339	-57	-60.1	1.87	8.1	2	
259 152005	-54	-60.1	1.79	5.6	3		266 095349	-57	-60.1	1.87	8.1	2	
259 152015	-54	-60.1	1.79	5.6	3		266 095410	-57	-60.1	1.87	8.1	5	
259 152116	-54	-60.1	1.79	5.6	4		266 095420	-57	-60.1	1.87	25.4	3	
259 152127	-54	-60.1	1.79	5.6	4		266 095506	-60	-60.1	1.96	8.0	4	
259 152138	-54	-60.1	1.79	5.6	4		266 095516	-57	-60.1	1.87	8.1	4	
259 152250	-54	-60.1	1.79	16.9	1		266 095610	-57	-60.1	1.87	23.2	1	
259 152302	-54	-60.1	1.79	16.9	1		266 095913	-57	-60.1	1.87	11.5	2	
259 152312	-54	-60.1	1.79	16.9	1		266 095924	-57	-60.1	1.87	11.5	2	
259 152427	-54	-60.1	1.79	8.1	2		266 100016	-57	-60.1	1.87	25.4	3	
MAGNETS G							266 100027	-57	-60.1	1.87	11.5	3	
260 021628	36	-50.2	1.94	8.1	2		266 100113	-57	-60.1	1.87	11.5	4	
260 021925	-54	-60.1	1.79	11.8	1		266 100213	-57	-60.1	1.87	16.5	1	
260 022043	-54	-60.1	1.79	11.8	1		266 100255	-60	-60.1	1.94	16.5	1	
260 022231	-54	-60.1	1.79	8.1	1		MAGNETS H						
260 022342	-54	-60.1	1.87	8.1	1		261 065148	-57	-55.2	1.94	7.2	2	
260 022417	-54	-60.1	1.87	5.6	1		261 065311	-57	-55.2	1.94	4.7	2	
260 022511	-57	-60.1	1.87	5.6	1		261 065402	-57	-60.1	1.94	4.7	2	
260 022543	-57	-60.1	1.87	5.6	1		MAGNETS I						
260 022615	-57	-60.1	1.87	8.3	1		256 025524	-156	19.4	13.5	4.1	1	
260 022815	-60	-60.1	1.87	8.3	2		256 025832	-159	19.4	75	4.1	1	
260 022926	-60	-60.1	2.2	8.3	2		256 025843	-159	19.4	75	4.1	1	
MAGNETS H							256 030049	-159	19.4	75	4.1	1	
261 065148	-57	-55.2	1.94	7.2	2		256 030059	-159	19.4	75	4.1	1	
261 065311	-57	-55.2	1.94	4.7	2		STARS A						
261 065402	-57	-60.1	1.94	4.7	2		256 025524	-156	19.4	13.5	4.1	1	
MAGNETS I							256 025832	-159	19.4	75	4.1	1	
256 025524	-156	19.4	13.5	4.1	1		256 025843	-159	19.4	75	4.1	1	
256 025832	-159	19.4	75	4.1	1		256 030049	-159	19.4	75	4.1	1	
256 025843	-159	19.4	75	4.1	1		256 030059	-159	19.4	75	4.1	1	
256 030049	-159	19.4	75	4.1	1								
256 030059	-159	19.4	75	4.1	1								

TABLE IV -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE -- CONT.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
257 021206	75	24.3	18	6.0	2		257 033540	-93	-50.2	1.87	5.6	2	
257 021212	75	24.3	18	6.0	2		257 033551	-93	-50.2	1.87	5.6	2	
257 021218	75	24.3	18	6.0	2		257 033648	-93	-50.2	2.2	5.6	2	
257 023710	75	24.3	18	6.0	2		257 033700	-93	-50.2	2.2	5.6	2	
257 023750	72	14.4	18	6.0	2		257 033711	-93	-50.2	2.2	5.6	2	
257 023814	72	14.4	18	6.0	2		257 033749	-87	-55.2	1.94	5.6	2	
257 023820	72	14.4	18	6.0	2		257 033800	-87	-55.2	1.94	5.6	2	
257 023920	69	4.3	6.2	8.7	2		257 033811	-87	-55.2	1.94	5.6	2	
257 023926	69	4.3	6.2	8.7	2		257 033849	-78	-60.1	1.79	5.6	2	
257 023932	69	4.3	6.2	8.7	2		257 033900	-78	-60.1	1.79	5.6	2	
257 024012	66	-5.6	3.8	8.7	2		257 033910	-78	-60.1	1.79	5.6	2	
257 024018	66	-5.6	3.8	8.7	2		257 034023	-156	-40.3	2.7	5.6	2	
257 024024	66	-5.6	3.8	8.7	2		257 034034	-156	-40.3	2.7	5.6	2	
257 024141	51	-5.6	1.61	8.7	2		257 034045	-156	-40.3	2.7	5.6	2	
257 024210	51	-5.6	1.61	8.7	2		257 034121	-156	-30.3	3.8	5.6	2	
257 024216	51	-5.6	1.61	8.7	2		257 034133	-156	-30.3	3.8	5.6	2	
257 024243	51	-5.6	1.61	8.7	3		257 034144	-156	-30.3	3.8	5.6	2	
257 024249	51	-5.6	1.61	8.7	3		257 034257	-156	-30.3	7.2	5.6	2	
257 024255	51	-5.6	1.61	8.7	3		257 034307	-156	-30.3	7.2	5.6	2	
257 024329	51	-5.6	1.61	8.7	4		257 034318	-156	-30.3	7.2	5.6	2	
257 024335	51	-5.6	1.61	8.7	4		257 034545	-60	-60.1	1.79	5.6	2	
257 024341	51	-5.6	1.61	8.7	4		257 034556	-60	-60.1	1.79	5.6	2	
257 024423	51	-5.6	1.61	23.7	1		257 034607	-60	-60.1	1.79	5.6	2	
257 024429	51	-5.6	1.61	23.6	1		257 034732	-60	-60.1	1.79	5.6	3	
257 024435	51	-5.6	1.61	23.6	1		257 034743	-60	-60.1	1.79	5.6	3	
257 024630	60	-10.5	3.3	8.2	2		257 034753	-60	-60.1	1.79	5.6	3	
257 024636	60	-10.5	3.3	8.2	2		257 034828	-60	-60.1	1.79	5.6	4	
257 024642	60	-10.5	3.3	8.1	2		257 034839	-60	-60.1	1.79	5.6	4	
257 024721	57	-20.3	2.5	8.2	2		257 034850	-60	-60.1	1.79	5.6	4	
257 024727	57	-20.3	2.5	8.2	2		257 034932	-60	-60.1	1.79	16.8	1	
257 024733	57	-20.3	2.5	8.2	2		257 034944	-60	-60.1	1.79	16.8	1	
257 024811	54	-30.3	2.03	8.2	2		257 034955	-60	-60.1	1.79	16.8	1	
257 024817	54	-30.3	2.03	8.2	2								
257 024823	54	-30.3	2.03	8.2	2								
257 024900	24	-30.3	1.94	8.2	2								
257 024906	24	-30.3	1.94	8.2	2								
257 024912	24	-30.3	1.94	8.2	2								
257 024944	24	-20.3	2.3	8.2	2								
257 024950	24	-20.3	2.3	8.2	2								
257 024956	24	-20.3	2.3	8.2	2								
257 025031	24	-10.5	3.1	8.2	2								
257 025036	24	-10.5	3.1	8.2	2								
257 025042	24	-10.5	3.1	8.2	2								
257 025113	24	-10.5	3.1	5.6	2								
257 025119	24	-10.5	3.1	5.6	2								
257 025125	24	-10.5	3.1	5.6	2								
257 025206	24	-0.7	4.9	5.6	2								
257 025218	24	-0.7	4.9	5.6	2								
257 025331	24	9.3	7.2	5.6	2								
257 025339	24	9.3	7.2	5.6	2								
257 025346	24	9.3	7.2	5.6	2								
257 025408	24	19.4	7.2	5.6	2								
257 025416	24	19.4	7.2	5.6	2								
257 025423	24	19.4	7.2	5.6	2								
257 025511	-21	9.3	7.2	5.6	2								
257 025519	-21	9.3	7.2	5.6	2								
257 025528	-21	9.3	7.2	5.6	2								
257 025553	-18	-0.7	7.2	5.6	2								
257 025600	-18	-0.7	7.2	5.6	2								
257 025609	-18	-0.7	7.2	5.6	2								
257 025742	-18	-0.7	4.5	5.6	2								
257 025753	-18	-0.7	4.5	5.6	2								
257 025803	-18	-0.7	4.5	5.6	2								
257 025854	-15	-10.5	2.7	5.6	2								
257 025906	-15	-10.5	2.7	5.6	2								
257 025916	-15	-10.5	2.7	5.6	2								
257 030002	-9	-20.3	2.03	5.6	2								
257 030013	-9	-20.3	2.03	5.6	2								
257 030023	-9	-20.3	2.03	5.6	2								
257 032630	-9	-20.3	2.03	5.6	2								
257 032733	-6	-30.3	1.73	5.6	2								
257 032743	-6	-30.3	1.73	5.6	2								
257 032754	-6	-30.3	1.79	5.6	2								
257 032902	-6	-30.3	2.03	5.6	2								
257 032914	-6	-30.3	2.03	5.6	2								
257 032925	-6	-30.3	2.03	5.6	2								
257 033015	0	-40.3	1.73	5.6	2								
257 033026	0	-40.3	1.73	5.6	2								
257 033037	0	-40.3	1.73	5.6	2								
257 033212	-105	-30.3	3.5	5.6	2								
257 033224	-105	-30.3	3.5	5.6	2								
257 033234	-105	-30.3	3.5	5.6	2								
257 033325	-99	-40.3	2.6	5.6	2								
257 033335	-99	-40.3	2.6	5.6	2								
257 033346	-99	-40.3	2.6	5.6	2								
257 033434	-93	-50.2	2.03	5.6	2								
257 033445	-93	-50.2	2.03	5.6	2								
257 033455	-93	-50.2	2.03	5.6	2								
257 033528	-93	-50.2	1.87	5.6	2								

PHOTOMETRY C

258 011617	-60	-55.2	2.5	5.6	2	
258 011818	-60	-55.2	2.5	5.6	2	
258 011955	-60	-55.2	2.2	5.6	2	
258 012043	-60	-60.1	2.2	5.6	2	
258 012204	-60	-60.1	2.3	5.6	2	
258 012248	-60	-60.1	2.3	5.6	2	
258 012249	-60	-60.1	2.3	5.6	2	
258 012504	-60	-60.1	2.3	5.6	2	
258 012510	-60	-60.1	2.3	5.6	2	
258 012516	-60	-60.1	2.3	5.6	2	
258 012522	-60	-60.1	2.3	5.6	2	
258 012528	-60	-60.1	2.3	5.6	2	
258 012718	-60	-60.1	2.3	5.6	2	
258 012724	-60	-60.1	2.3	5.6	2	
258 012730	-60	-60.1	2.3	5.6	2	
258 012824	-60	-10.5	7.5	5.6	2	
258 012830	-60	-10.5	7.5	5.6	2	
258 012836	-60	-10.5	7.5	5.6	2	
258 013024	-60	-10.5	10.5	5.6	3	
258 013030	-60	-10.5	10.5	5.6	2	
258 013036	-60	-10.5	10.5	5.6	2	
258 013117	-60	-10.5	7.2	5.6	2	
258 013123	-60	-10.5	7.2	5.6	2	
258 013129	-60	-10.5	7.2	5.6	2	
258 013245	-57	-15.3	4.9	5.6	2	
258 013251	-57	-15.3	4.9	5.6	2	
258 013257	-57	-15.3	4.9	5.6	2	
258 013324	-54	-20.3	3.5	5.6	2	
258 013330	-54	-20.3	3.5	5.6	2	
258 013336	-54	-20.3	3.5	5.6	2	
258 013401	-51	-25.3	2.9	5.6	2	
258 013407	-51	-25.3	2.9	5.6	2	
258 013413	-51	-25.3	2.9	5.6	2	
258 013440	-48	-30.3	2.5	5.6	2	
258 013446	-48	-30.3	2.5	5.6	2	
258 013452	-48	-30.3	2.5	5.6	2	
258 013518	-45	-35.3	2.1	5.6	2	
258 013524	-45	-35.3	2.1	5.6	2	
258 013530	-45	-35.3	2.1	5.6	2	
258 013609	-45	-35.3	1.94	5.6	2	
258 013615	-45	-35.3	1.94	5.6	2	
258 013621	-45	-35.3	1.94	5.6	2	
258 013710	-45	-35.3	2.3	8.3	2	
258 013716	-45	-35.3	2.3	8.3	2	
258 013722	-45	-35.3	2.3	8.3	2	
258 013820	-42	-40.3	2.1	8.3	2	
258 013826	-42	-40.3	2.1	8.3	2	
258 013832	-42	-40.3	2.1	8.3	2	
258 013922	-39	-45.3	1.79			

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE IV - LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE - CONT.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
258 014127	-39	-45.3	2.03	8.3	2		258 024134	51	-5.6	1.79	8.3	3	
258 014133	-39	-45.3	2.03	8.3	2		258 024211	51	-5.6	1.79	8.3	4	
258 014206	-30	-50.2	1.87	8.3	2		258 024222	51	-5.6	1.79	8.3	4	
258 014212	-30	-50.2	1.87	8.3	2		258 024233	51	-5.6	1.79	8.3	4	
258 014218	-30	-50.2	1.87	8.3	2		258 024317	51	-5.6	1.79	23.6	1	
258 014236	-24	-50.2	1.87	8.3	2		258 024328	51	-5.6	1.79	23.6	1	
258 014242	-24	-50.2	1.87	8.3	2		258 024340	51	-5.6	1.79	23.6	1	
258 014248	-24	-50.2	1.87	8.3	2		258 024435	60	-10.5	2.7	8.2	2	
258 014321	-15	-55.2	1.79	8.3	2		258 024445	60	-10.5	2.7	8.2	2	
258 014332	-15	-55.2	1.79	8.3	2		258 024456	60	-10.5	2.7	8.2	2	
258 014342	-15	-55.2	1.73	8.3	2		258 024537	57	-20.3	2.2	8.2	2	
258 014400	-9	-55.2	1.79	8.3	2		258 024548	57	-20.3	2.2	8.2	2	
258 014412	-9	-55.2	1.79	8.3	2		258 024559	57	-20.3	2.2	8.2	2	
258 014423	-9	-55.2	1.79	8.3	2		258 024629	54	-30.3	2.03	8.2	2	
258 014450	0	-60.1	1.73	8.3	2		258 024639	54	-30.3	2.03	8.2	2	
258 014500	0	-60.1	1.73	8.3	2		258 024650	54	-30.3	2.03	8.2	2	
258 014511	0	-60.1	1.73	8.3	2		258 024728	24	-30.3	2.2	8.2	2	
258 014530	6	-60.1	1.73	8.3	2		258 024739	24	-30.3	2.2	8.2	2	
258 014541	6	-60.1	1.73	8.3	2		258 024750	24	-30.3	2.2	8.2	2	
258 014552	6	-60.1	1.73	8.3	2		258 024818	24	-20.3	2.5	8.2	2	
258 014611	18	-60.1	1.73	8.3	2		258 024829	24	-20.3	2.5	8.2	2	
258 014622	18	-60.1	1.73	8.3	2		258 024840	24	-20.3	2.5	8.2	2	
258 014633	18	-60.1	1.73	8.3	2		258 024907	24	-10.5	2.7	8.2	2	
258 014703	27	-60.1	1.73	8.3	2		258 024918	24	-10.5	2.7	8.2	2	
258 014714	27	-60.1	1.73	8.3	2		258 024928	24	-10.5	2.7	8.2	2	
258 014724	27	-60.1	1.73	8.3	2		258 024954	24	-0.7	3.1	8.2	2	
258 014758	36	-60.1	1.67	8.3	2		258 025004	24	-0.7	3.1	8.2	2	
258 014809	36	-60.1	1.67	8.3	2		258 025016	24	-0.7	3.1	8.2	2	
258 014820	36	-60.1	1.67	8.3	2		258 025045	24	9.3	4.1	8.2	2	
258 014839	45	-60.1	1.67	8.3	2		258 025056	24	9.3	4.1	8.2	2	
258 014850	45	-60.1	1.67	8.3	2		258 025108	24	9.3	4.1	8.2	2	
258 014900	45	-60.1	1.67	8.3	2		258 025142	24	19.4	13.5	8.2	2	
258 014929	54	-55.2	1.73	8.3	2		258 025154	24	19.4	13.5	8.2	2	
258 014940	54	-55.2	1.73	8.3	2		258 025204	24	19.4	13.5	8.2	2	
258 014951	54	-55.2	1.73	8.3	2		258 025300	24	19.4	6.2	5.6	2	
258 015010	63	-55.2	1.73	8.3	2		258 025310	24	19.4	6.2	5.6	2	
258 015021	63	-55.2	1.73	8.3	2		258 025321	24	19.4	6.2	5.6	2	
258 015032	63	-55.2	1.73	8.3	2		258 025400	-21	9.3	6.2	5.6	2	
258 015124	96	-30.3	2.3	8.3	2		258 025410	-21	9.3	6.2	5.6	2	
258 015150	96	-30.3	2.3	8.3	2		258 025421	-21	9.3	6.2	5.6	2	
258 015200	96	-30.3	2.3	8.3	2		258 025443	-18	-0.7	6.2	5.6	2	
258 015228	99	-25.3	2.7	8.3	2		258 025453	-18	-0.7	6.2	5.6	2	
258 015239	99	-25.3	2.7	8.3	2		258 025504	-18	-0.7	6.2	5.6	2	
258 015251	99	-25.3	2.7	8.3	2		258 025605	-18	-0.7	4.5	5.6	2	
258 015317	102	-20.3	3.1	8.3	2		258 025617	-18	-0.7	4.5	5.6	2	
258 015328	102	-20.3	3.1	8.3	2		258 025628	-18	-0.7	4.5	5.6	2	
258 015339	102	-20.3	3.1	8.3	2		258 025856	-15	-10.5	2.7	5.6	2	
258 015409	105	-15.3	3.8	8.3	2		258 025907	-15	-10.5	2.7	5.6	2	
258 015420	105	-15.3	3.8	8.3	2		258 025917	-15	-10.5	2.7	5.6	2	
258 015430	105	-15.3	3.8	8.3	2		258 025956	-9	-20.3	2.03	5.6	2	
258 015458	108	-10.5	4.9	8.3	2		258 030007	-9	-20.3	2.03	5.6	2	
258 015509	108	-10.5	4.9	8.3	2		258 030017	-9	-20.3	2.03	5.6	2	
258 015520	108	-10.5	4.9	8.3	2		258 030051	-6	-30.3	1.73	5.6	2	
258 015548	111	-5.6	4.9	8.3	2		258 030102	-6	-30.3	1.73	5.6	2	
258 015559	111	-5.6	4.9	8.3	2		258 030113	-6	-30.3	1.79	5.6	2	
258 015610	111	-5.6	4.9	8.3	2		258 030135	-6	-30.3	2.03	5.6	2	
258 020109	114	-0.7	7.2	8.3	2		258 030146	-6	-30.3	2.03	5.6	2	
258 020120	114	-0.7	7.2	8.3	2		258 030157	-6	-30.3	2.03	5.6	2	
258 020130	114	-0.7	7.2	8.3	2		258 030229	0	-40.3	1.73	5.6	2	
258 020223	75	24.3	13.5	8.3	2		258 030241	0	-40.3	1.73	5.6	2	
258 020234	75	24.3	18	8.3	2		258 030252	0	-40.3	1.73	5.6	2	
258 020245	75	24.3	18	8.3	2		258 030311	0	-40.3	1.87	5.6	2	
258 020348	75	24.3	75	5.6	2		258 030322	0	-40.3	1.87	5.6	2	
258 020359	75	24.3	75	5.6	2		258 030333	-105	-30.3	4.5	5.6	2	
258 020410	75	24.3	75	5.6	2		258 030505	-105	-30.3	4.5	5.6	2	
258 020434	72	14.4	75	5.6	2		258 030516	-105	-30.3	4.5	5.6	2	
258 020446	72	14.4	75	5.6	2		258 030527	-105	-30.3	4.5	5.6	2	
258 020457	72	14.4	75	5.6	2		258 030606	-99	-40.3	3.1	5.6	2	
258 020623	72	14.4	4.9	8.3	2		258 030617	-99	-40.3	3.1	5.6	2	
258 020634	72	14.4	4.9	8.3	2		258 030628	-99	-40.3	3.1	5.6	2	
258 020646	72	14.4	4.9	8.3	2		258 030706	-93	-50.2	2.3	5.6	2	
258 020812	69	4.3	3.3	8.3	2		258 030717	-93	-50.2	2.3	5.6	2	
258 020823	69	4.3	3.3	8.3	2		258 030728	-93	-50.2	2.3	5.6	2	
258 020835	69	4.3	3.3	8.3	2		258 030803	-87	-55.2	2.03	5.6	2	
258 020907	66	-5.6	2.5	8.3	2		258 030814	-87	-55.2	2.03	5.6	2	
258 020918	66	-5.6	2.5	8.3	2		258 030824	-87	-55.2	2.03	5.6	2	
258 020929	66	-5.6	2.5	8.3	2		258 030854	-78	-60.1	1.87	5.6	2	
258 021005	66	-5.6	2.2	8.3	2		258 030905	-78	-60.1	1.87	5.6	2	
258 021042	66	-5.6	2.7	8.3	2		258 030916	-78	-60.1	1.87	5.6	2	
258 021143	66	-5.6	2.9	8.3	2		258 031018	-156	-40.3	2.9	5.6	2	
258 021154	66	-5.6	2.9	8.3	2		258 031029	-156	-40.3	2.9	5.6	2	
258 021205	66	-5.6	2.9	8.3	2		258 031040	-156	-40.3	2.9	5.6	2	
258 021244	51	-5.6	1.79	8.3	2		258 031109	-156	-30.3	4.1	5.6	2	
258 021343	51	-5.6	1.79	8.3	2		258 031119	-156	-30.3	4.1	5.6	2	
258 021354	51	-5.6	1.79	8.3	2		258 031131	-156	-30.3	4.1	5.6	2	
258 021405	51	-5.6	1.73	8.3	2		258 031243	-60	-60.1	1.52	5.6	2	
258 024022	51	-5.6	1.79	8.3	2		258 031254	-60	-60.1	1.52	5.6	2	
258 024112	51	-5.6	1.79	8.3	3		258 031305	-60	-60.1	1.52	5.6	2	
258 024123	51	-5.6	1.79	8.3	3		258 031440	-60	-60.1	1.73	5.6	3	

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE IV - LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE - CONT.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
258 031450	-60	-60.1	1.73	5.6	3		259 021500	105	-15.3	4.1	8.3	2	
258 031502	-60	-60.1	1.73	5.6	3		259 021506	105	-15.3	4.1	8.3	2	
258 031545	-60	-60.1	1.73	5.6	4		259 021512	105	-15.3	4.1	8.3	2	
258 031556	-60	-60.1	1.73	5.6	4		259 021547	108	-10.5	5.5	8.3	2	
258 031608	-60	-60.1	1.79	5.6	4		259 021553	108	-10.5	5.5	8.4	2	
258 031655	-60	-60.1	1.79	16.8	1		259 021559	108	-10.5	5.5	8.3	2	
258 031706	-60	-60.1	1.79	16.8	1		259 021629	111	-5.6	7.2	8.3	2	
258 031716	-60	-60.1	1.79	16.8	1		259 021635	111	-5.6	7.2	8.3	2	
							259 021641	111	-5.6	7.2	8.3	2	
							259 021711	114	-0.7	13.5	8.3	2	
							259 021717	114	-0.7	13.5	8.3	2	
							259 021723	114	-0.7	13.5	8.3	2	
							259 021852	75	24.3	196	8.3	2	
							259 021858	75	24.3	196	8.3	2	
							259 021904	75	24.3	196	8.3	2	
							259 021949	72	14.4	4.9	8.3	2	
							259 021955	72	14.4	4.9	8.3	2	
							259 022001	72	14.4	4.9	8.3	2	
							259 022043	69	4.3	3.3	8.4	2	
							259 022049	69	4.3	3.3	8.3	2	
							259 022055	69	4.3	3.3	8.3	2	
							259 022133	66	-5.6	2.9	8.3	2	
							259 022139	66	-5.6	2.9	8.3	2	
							259 022145	66	-5.6	2.9	8.3	2	
							259 022234	51	-5.6	1.73	8.4	2	
							259 022240	51	-5.6	1.73	8.3	2	
							259 022246	51	-5.6	1.73	8.3	2	
							259 022411	51	-5.6	1.73	8.3	3	
							259 022417	51	-5.6	1.73	8.3	3	
							259 022423	51	-5.6	1.73	8.3	3	
							259 022505	51	-5.6	1.73	8.4	4	
							259 022511	51	-5.6	1.73	8.3	4	
							259 022517	51	-5.6	1.73	8.3	4	
							259 022616	51	-5.6	1.73	23.7	1	
							259 022627	51	-5.6	1.73	23.9	1	
							259 022638	51	-5.6	1.73	23.6	1	
							259 022957	51	-5.6	1.73	8.2	2	
							259 023058	60	-10.5	2.7	8.2	2	
							259 023109	60	-10.5	2.7	8.2	2	
							259 023121	60	-10.5	2.7	8.2	2	
							259 032420	57	-20.3	2.2	8.2	2	
							259 032431	57	-20.3	2.2	8.2	2	
							259 032442	57	-20.3	2.2	8.2	2	
							259 032516	54	-30.3	2.03	8.2	2	
							259 032528	54	-30.3	2.03	8.2	2	
							259 032538	54	-30.3	2.03	8.2	2	
							259 032618	24	-30.3	2.1	8.2	2	
							259 032629	24	-30.3	2.1	8.2	2	
							259 032640	24	-30.3	2.1	8.2	2	
							259 032710	24	-20.3	2.3	8.2	2	
							259 032722	24	-20.3	2.3	8.2	2	
							259 032732	24	-20.3	2.3	8.2	2	
							259 032800	24	-10.5	2.6	8.2	2	
							259 032811	24	-10.5	2.6	8.2	2	
							259 032822	24	-10.5	2.6	8.2	2	
							259 032855	24	-0.7	2.9	8.2	2	
							259 032907	24	-0.7	2.9	8.2	2	
							259 032918	24	-0.7	2.9	8.2	2	
							259 033000	24	9.3	3.5	8.2	2	
							259 033011	24	9.3	3.5	8.2	2	
							259 033021	24	9.3	3.5	8.2	2	
							259 033055	24	19.4	6.2	8.2	2	
							259 033107	24	19.4	6.2	8.2	2	
							259 033118	24	19.4	6.2	8.2	2	
							259 033159	-21	9.3	6.2	8.2	2	
							259 033209	-21	9.3	6.2	8.2	2	
							259 033220	-21	9.3	6.2	8.2	2	
							259 033259	-18	-0.7	4.5	8.2	2	
							259 033309	-18	-0.7	4.5	8.2	2	
							259 033320	-18	-0.7	4.5	8.2	2	
							259 033401	-15	-10.5	2.7	8.2	2	
							259 033412	-15	-10.5	2.7	8.2	2	
							259 033423	-15	-10.5	2.7	8.2	2	
							259 033500	-9	-20.3	2.2	8.2	2	
							259 033511	-9	-20.3	2.2	8.2	2	
							259 033521	-9	-20.3	2.2	8.2	2	
							259 033555	-6	-30.3	2.03	8.2	2	
							259 033606	-6	-30.3	2.03	8.2	2	
							259 033616	-6	-30.3	2.03	8.2	2	
							259 033651	0	-40.3	1.87	8.2	2	
							259 033702	0	-40.3	1.87	8.2	2	
							259 033714	0	-40.3	1.87	8.2	2	
							259 033826	-105	-30.3	18	8.2	2	
							259 033837	-105	-30.3	18	8.2	2	
							259 033848	-105	-30.3	18	8.2	2	
							259 034413	-105	-30.3	18	8.2	2	
							259 034511	-99	-40.3	4.1	8.2	2	
							259 034522	-99	-40.3	4.1	8.2	2	
							259 034533	-99	-40.3	4.1	8.2	2	

PHOTOMETRY D

259 015153	-60	-60.1	2.1	16.5	1	
259 015259	-60	-55.2	1.73	16.5	1	
259 015450	-60	-55.2	1.73	5.6	2	
259 015540	-60	-60.1	1.73	5.6	2	
259 015632	-60	-60.1	1.73	8.3	2	
259 015657	-60	-60.1	1.73	8.3	2	
259 015703	-60	-60.1	1.73	8.3	2	
259 015835	-60	-10.5	4.9	8.3	2	
259 015841	-60	-10.5	4.9	8.3	2	
259 015847	-60	-10.5	4.9	8.4	2	
259 015926	-57	-15.3	4.1	8.3	2	
259 015932	-57	-15.3	4.1	8.3	2	
259 015938	-57	-15.3	4.1	8.4	2	
259 020013	-54	-20.3	3.8	8.4	2	
259 020019	-54	-20.3	3.8	8.4	2	
259 020025	-54	-20.3	3.8	8.4	2	
259 020059	-51	-25.3	3.3	8.3	2	
259 020105	-51	-25.3	3.3	8.4	2	
259 020111	-51	-25.3	3.3	8.3	2	
259 020144	-48	-30.3	3.1	8.4	2	
259 020150	-48	-30.3	3.1	8.3	2	
259 020156	-48	-30.3	3.1	8.3	2	
259 020231	-45	-35.3	2.6	8.3	2	
259 020237	-45	-35.3	2.6	8.4	2	
259 020243	-45	-35.3	2.6	8.4	2	
259 020313	-42	-40.3	2.3	8.3	2	
259 020319	-42	-40.3	2.3	8.3	2	
259 020325	-42	-40.3	2.3	8.4	2	
259 020353	-39	-45.3	2.2	8.3	2	
259 020359	-39	-45.3	2.2	8.3	2	
259 020405	-39	-45.3	2.2	8.4	2	
259 020441	-30	-50.2	1.94	8.3	2	
259 020447	-30	-50.2	1.94	8.3	2	
259 020452	-30	-50.2	1.94	8.3	2	
259 020512	-24	-50.2	1.94	8.3	2	
259 020518	-24	-50.2	1.94	8.3	2	
259 020524	-24	-50.2	1.94	8.3	2	
259 020558	-15	-55.2	1.73	8.3	2	
259 020604	-15	-55.2	1.73	8.3	2	
259 020610	-15	-55.2	1.73	8.3	2	
259 020630	-9	-55.2	1.73	8.3	2	
259 020636	-9	-55.2	1.73	8.3	2	
259 020642	-9	-55.2	1.73	8.3	2	
259 020716	0	-60.1	1.73	8.3	2	
259 020722	0	-60.1	1.73	8.3	2	
259 020728	0	-60.1	1.73	8.3	2	
259 020753	6	-60.1	1.73	8.3	2	
259 020759	6	-60.1	1.73	8.3	2	
259 020805	6	-60.1	1.73	8.3	2	
259 020830	18	-60.1	1.73	8.3	2	
259 020836	18	-60.1	1.73	8.3	2	
259 020842	18	-60.1	1.73	8.3	2	
259 020909	27	-60.1	1.73	8.3	2	
259 020915	27	-60.1	1.73	8.3	2	
259 020921	27	-60.1	1.73	8.3	2	
259 020942	36	-60.1	1.73	8.3	2	
259 020948	36	-60.1	1.73	8.3	2	
259 020954	36	-60.1	1.73	8.3	2	
259 021019	45	-60.1	1.73	8.3	2	
259 021022	45	-60.1	1.73	8.3		

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE IV - LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE - CONT.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
259 034616	-93	-50.2	2.5	8.2	2		260 023935	18	-60.1	2.2	8.3	2	
259 034627	-93	-50.2	2.5	8.2	2		260 023943	18	-60.1	2.2	8.3	2	
259 034637	-93	-50.2	2.5	8.2	2		260 023952	18	-60.1	2.2	8.3	2	
259 034710	-87	-55.2	2.2	8.2	2		260 024002	27	-60.1	2.2	8.3	2	
259 034720	-87	-55.2	2.2	8.2	2		260 024011	27	-60.1	2.2	8.3	2	
259 034731	-87	-55.2	2.2	8.2	2		260 024020	27	-60.1	2.2	8.3	2	
259 034807	-78	-60.1	2.1	8.2	2		260 024029	36	-60.1	2.2	8.3	2	
259 034818	-78	-60.1	2.1	8.2	2		260 024038	36	-60.1	2.2	8.3	2	
259 034829	-78	-60.1	2.1	8.2	2		260 024046	36	-60.1	2.2	8.3	2	
259 035017	-156	-40.3	4.1	8.2	2		260 024056	45	-60.1	2.2	8.3	2	
259 035027	-156	-40.3	4.1	8.2	2		260 024104	45	-60.1	2.2	8.3	2	
259 035039	-156	-40.3	4.1	8.2	2		260 024114	45	-60.1	2.2	8.3	2	
259 035111	-156	-30.3	7.2	8.2	2		260 024124	54	-55.2	2.3	8.3	2	
259 035121	-156	-30.3	7.2	8.2	2		260 024135	54	-55.2	2.3	8.3	2	
259 035133	-156	-30.3	7.2	8.2	2		260 024145	63	-55.2	2.3	8.3	2	
259 042915	-156	-30.3	7.2	8.2	2		260 024153	63	-55.2	2.3	8.3	2	
259 043149	-156	-30.3	7.2	23.6	2		260 024202	63	-55.2	2.3	8.3	2	
259 043201	-156	-30.3	7.2	23.6	2		260 024309	96	-30.3	3.8	8.3	2	
259 043241	-156	-30.3	7.2	23.4	2		260 024356	96	-30.3	3.8	8.3	2	
259 043252	-156	-30.3	7.2	23.7	2		260 024404	96	-30.3	3.8	8.3	2	
259 043353	-156	-30.3	7.2	23.6	2		260 024413	96	-30.3	3.8	8.3	2	
259 043405	-156	-30.3	7.2	23.6	2		260 024424	99	-25.3	4.9	8.3	2	
259 043441	-156	-30.3	7.2	8.1	2		260 024427	99	-25.3	4.9	8.3	2	
259 043625	-60	-60.1	1.79	8.1	2		260 024436	99	-25.3	4.9	8.3	2	
259 043636	-60	-60.1	1.79	8.1	2		260 024447	102	-20.3	6.2	8.4	2	
259 043647	-60	-60.1	1.79	8.1	2		260 024455	102	-20.3	6.2	8.3	2	
259 043708	-60	-60.1	1.79	8.1	3		260 024503	102	-20.3	6.2	8.3	2	
259 043719	-60	-60.1	1.79	8.1	3		260 024514	105	-15.3	10.5	8.3	2	
259 043730	-60	-60.1	1.79	8.1	3		260 024523	105	-15.3	10.5	8.3	2	
259 043809	-60	-60.1	1.79	8.1	4		260 024531	105	-15.3	10.5	8.3	2	
259 043821	-60	-60.1	1.79	8.1	4		260 024542	108	-10.5	29	8.3	2	
259 043831	-60	-60.1	1.79	8.1	4		260 024731	108	-10.5	29	8.3	2	
259 043921	-60	-60.1	1.79	23.6	1		260 024740	108	-10.5	29	8.3	2	
259 043932	-60	-60.1	1.79	23.6	1		260 024751	111	-5.6	75	8.3	2	
259 043942	-60	-60.1	1.79	23.7	1		260 024759	111	-5.6	75	8.3	2	
							260 024807	111	-5.6	75	8.3	2	
							260 024818	114	-0.7	75	8.3	2	
							260 024827	114	-0.7	75	8.3	2	
							260 024835	114	-0.7	75	8.3	2	
							260 024903	75	24.3	75	8.3	2	
							260 024911	75	24.3	75	8.3	2	
							260 024919	75	24.3	75	8.3	2	
							260 024935	72	14.4	4.9	8.3	2	
							260 024954	72	14.4	4.9	8.3	2	
							260 025003	72	14.4	4.9	8.3	2	
							260 025015	69	4.3	3.3	8.3	2	
							260 025023	69	4.3	3.3	8.3	2	
							260 025032	69	4.3	3.3	8.3	2	
							260 025044	66	-5.6	2.9	8.3	2	
							260 025052	66	-5.6	2.9	8.3	2	
							260 025100	66	-5.6	2.9	8.3	2	
							260 025116	51	-5.6	1.73	8.3	2	
							260 025139	51	-5.6	1.73	8.3	2	
							260 025147	51	-5.6	1.73	8.3	2	
							260 025204	51	-5.6	1.79	8.3	3	
							260 025212	51	-5.6	1.73	8.3	3	
							260 025221	51	-5.6	1.73	8.3	3	
							260 025304	51	-5.6	1.73	8.3	4	
							260 025312	51	-5.6	1.79	8.3	4	
							260 025321	51	-5.6	1.79	8.3	4	
							260 025407	51	-5.6	1.73	23.7	1	
							260 025416	51	-5.6	1.79	23.7	1	
							260 025424	51	-5.6	1.79	23.7	1	
							260 025501	60	-10.5	2.7	8.1	2	
							260 025510	60	-10.5	2.7	8.1	2	
							260 025530	60	-10.5	2.7	8.1	2	
							260 025518	60	-10.5	2.7	8.1	2	
							260 025530	57	-20.3	2.2	8.1	2	
							260 025539	57	-20.3	2.2	8.1	2	
							260 025547	57	-20.3	2.2	8.1	2	
							260 025559	54	-30.3	2.03	8.1	2	
							260 025630	54	-30.3	2.03	8.1	2	
							260 025639	54	-30.3	2.03	8.1	2	
							260 025657	24	-30.3	2.1	8.1	2	
							260 025705	24	-30.3	2.1	8.1	2	
							260 025714	24	-30.3	2.1	8.1	2	
							260 025724	24	-20.3	2.3	8.1	2	
							260 025733	24	-20.3	2.3	8.1	2	
							260 030047	24	-20.3	2.3	8.1	2	
							260 030102	24	-10.5	2.6	8.1	2	
							260 030110	24	-10.5	2.6	8.1	2	
							260 030119	24	-10.5	2.6	8.1	2	
							260 030129	24	-0.7	2.9	8.1	2	
							260 030138	24	-0.7	2.9	8.1	2	
							260 030146	24	-0.7	2.9	8.1	2	
							260 030157	24	9.3	3.5	8.1	2	
							260 030205	24	9.3	3.5	8.1	2	
							260 030215	24	9.3	3.5	8.1	2	
							260 030227	24	19.4	6.2	8.1	2	
							260 030235	24	19.4	6.2	8.1	2	

PHOTOMETRY E

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE IV - LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE - CONT.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
255 031302	18	-50.2	1.94	5.7	2		255 032857	18	-0.7	2.9	4.1	2	
255 031307	18	-50.2	2.03	5.7	2		255 032902	18	-0.7	3.1	4.1	2	
255 031311	18	-50.2	2.1	5.7	2		255 032906	18	-0.7	3.3	4.1	2	
255 031315	18	-50.2	1.58	5.7	2		255 032911	18	-0.7	3.5	4.1	2	
255 031325	18	-45.3	1.67	5.7	2		255 032915	18	-0.7	3.8	4.1	2	
255 031347	18	-45.3	1.73	5.7	2		255 032920	18	-0.7	4.1	4.1	2	
255 031352	18	29.2	1.79	5.7	2		255 032924	18	-0.7	4.5	4.1	2	
255 031357	18	-45.3	1.87	5.7	2		255 032928	18	-0.7	5.5	4.1	2	
255 031402	18	-45.3	1.94	5.7	2		255 032938	18	4.3	2.9	4.1	2	
255 031406	18	-45.3	2.03	5.7	2		255 033012	18	4.3	3.3	4.1	2	
255 031410	18	-45.3	2.1	5.7	2		255 033015	18	4.3	3.5	4.1	2	
255 031415	18	-45.3	2.2	5.7	2		255 033020	18	4.3	3.8	4.1	2	
255 031420	18	-45.3	2.5	5.7	2		255 033025	18	4.3	4.1	4.1	2	
255 031428	18	-40.3	1.79	5.7	2		255 033030	18	4.3	4.5	4.1	2	
255 031446	18	-40.3	1.87	5.7	2		255 033034	18	4.3	4.9	4.1	2	
255 031451	18	-40.3	1.94	5.7	2		255 033038	18	4.3	5.5	4.1	2	
255 031455	18	-40.3	2.03	5.7	2		255 033043	18	4.3	7.2	4.1	2	
255 031500	18	-40.3	2.1	5.7	2		255 033051	18	9.3	3.5	4.1	2	
255 031504	18	-40.3	2.2	5.7	2		255 033129	18	9.3	2.7	4.1	2	
255 031509	18	-40.3	2.3	5.7	2		255 033159	18	9.3	3.1	4.1	2	
255 031513	18	-40.3	2.5	5.7	2		255 033204	18	9.3	3.3	4.1	2	
255 031518	18	-40.3	2.7	5.7	2		255 033209	18	9.3	3.5	4.1	2	
255 031528	18	-35.3	1.79	5.7	2		255 033214	18	9.3	3.8	4.1	2	
255 031607	18	-35.3	1.94	5.7	2		255 033218	18	9.3	4.1	4.1	2	
255 031612	18	-35.3	2.03	5.7	2		255 033222	18	9.3	4.5	4.1	2	
255 031617	18	-35.3	2.1	5.7	2		255 033229	18	14.4	3.3	4.1	2	
255 031622	18	-35.3	2.2	5.7	2		255 033306	18	14.4	3.8	4.1	2	
255 031626	18	-35.3	2.3	5.7	2		255 033311	18	14.4	4.1	4.1	2	
255 031630	18	-35.3	2.5	5.7	2		255 033316	18	14.4	4.5	4.1	2	
255 031635	18	-35.3	2.6	5.7	2		255 033738	36	14.4	1.27	6.0	2	
255 031640	18	-35.3	2.9	5.7	2		255 034047	36	-60.1	1.24	6.0	2	
255 031648	18	-30.3	1.94	5.7	2		255 040831	36	-60.1	1.24	6.0	5	
255 031740	18	-30.3	2.1	5.7	2		255 040910	36	-60.1	1.30	6.0	2	
255 031745	18	-30.3	2.2	5.7	2		255 040914	36	-60.1	1.33	6.0	2	
255 031750	18	-30.3	2.3	5.7	2		255 040919	36	-60.1	1.40	6.0	2	
255 031755	18	-30.3	2.5	5.7	2		255 040924	36	-60.1	1.43	6.0	2	
255 031758	18	-30.3	2.6	5.7	2		255 040928	36	-60.1	1.46	6.0	2	
255 031803	18	-30.3	2.7	5.7	2		255 040932	36	-60.1	1.52	6.0	2	
255 031808	18	-30.3	2.9	5.7	2		255 040937	36	-60.1	1.58	6.0	2	
255 031813	18	-30.3	3.3	5.7	2		255 040942	36	-60.1	1.67	6.0	2	
255 031821	18	-25.3	2.1	5.7	2		255 040951	36	-55.2	1.24	6.0	2	
255 031856	18	-25.3	2.3	5.7	2		255 041029	36	-55.2	1.30	6.0	2	
255 031859	18	-25.3	2.5	5.7	2		255 041033	36	-55.2	1.33	6.0	2	
255 031904	18	-25.3	2.6	5.7	2		255 041038	36	-55.2	1.40	6.0	2	
255 031909	18	-25.3	2.7	5.7	2		255 041043	36	-55.2	1.43	6.0	2	
255 031914	18	-25.3	2.9	5.7	2		255 041047	36	-55.2	1.46	6.0	2	
255 031917	18	-25.3	3.1	5.7	2		255 041051	36	-55.2	1.52	6.0	2	
255 031922	18	-25.3	3.3	5.7	2		255 041056	36	-55.2	1.58	6.0	2	
255 031927	18	-25.3	3.8	5.7	2		255 041101	33	-55.2	1.67	6.0	2	
255 031935	18	-20.3	2.5	5.7	2		255 041110	36	-50.2	1.27	6.0	2	
255 032023	18	-20.3	2.7	5.7	2		255 041135	36	-50.2	1.33	6.0	2	
255 032028	18	-20.3	2.9	5.7	2		255 041140	36	-50.2	1.40	6.0	2	
255 032033	18	-20.3	3.1	5.7	2		255 041144	36	-50.2	1.43	9.1	2	
255 032036	18	-20.3	3.3	5.7	2		255 041148	36	-50.2	1.46	6.0	2	
255 032041	18	-20.3	3.5	5.7	2		255 041153	36	-50.2	1.52	6.0	2	
255 032046	18	-20.3	3.8	5.7	2		255 041158	36	-50.2	1.58	6.0	2	
255 032051	18	-20.3	4.1	5.7	2		255 041202	36	-50.2	1.61	6.0	2	
255 032054	18	-20.3	4.9	5.7	2		255 041206	36	-50.2	1.73	6.0	2	
255 032104	18	-15.3	2.7	5.7	2		255 041216	36	-45.3	1.30	6.0	2	
255 032210	18	-15.3	2.5	5.7	2		255 041241	36	-45.3	1.40	6.0	2	
255 032308	18	-15.3	2.7	5.7	2		255 041245	36	-45.3	1.43	6.0	2	
255 032313	18	-15.3	2.9	5.7	2		255 041249	36	-45.3	1.46	6.0	2	
255 032318	18	-15.3	3.1	5.7	2		255 041254	36	-45.3	1.52	6.0	2	
255 032323	18	-15.3	3.3	5.7	2		255 041259	36	-45.3	1.58	6.0	2	
255 032327	18	-15.3	3.5	5.7	2		255 041303	36	-45.3	1.61	6.0	2	
255 032331	18	-15.3	3.8	5.7	2		255 041307	36	-45.3	1.67	6.0	2	
255 032336	18	-15.3	4.1	5.7	2		255 041312	36	-45.3	1.79	6.0	2	
255 032340	18	-15.3	4.9	5.7	2		255 041322	36	-40.3	1.33	6.0	2	
255 032349	18	-10.5	2.9	5.7	2		255 041348	36	-40.3	1.43	6.0	2	
255 032422	18	-10.5	3.3	5.7	2		255 041353	36	-40.3	1.46	6.0	2	
255 032427	18	-10.5	3.5	5.7	2		255 041358	36	-40.3	1.52	6.0	2	
255 032432	18	-10.5	3.8	5.7	2		255 041402	36	-40.3	1.58	6.0	2	
255 032437	18	-10.5	4.1	5.7	2		255 041406	36	-40.3	1.61	6.0	2	
255 032440	18	-10.5	4.5	5.7	2		255 041411	36	-40.3	1.67	6.0	2	
255 032445	18	-10.5	4.9	5.7	2		255 041416	36	-40.3	1.73	6.0	2	
255 032450	18	-10.5	5.5	5.7	2		255 041420	36	-40.3	1.87	6.0	2	
255 032455	18	-10.5	7.2	5.7	2		255 041430	36	-35.3	1.40	6.0	2	
255 032503	18	-5.6	3.5	5.7	2		255 041525	36	-35.3	1.46	6.0	2	
255 032552	18	-5.6	2.7	5.7	2		255 041530	36	-35.3	1.52	6.0	2	
255 032627	18	-5.6	3.1	5.7	2		255 041535	36	-35.3	1.58	6.0	2	
255 032632	18	-5.6	3.3	5.7	2		255 041539	36	-35.3	1.61	6.0	2	
255 032636	18	-5.6	3.5	5.7	2		255 041544	36	-35.3	1.67	6.0	2	
255 032640	18	-5.6	3.8	5.7	2		255 041548	36	-35.3	1.73	6.0	2	
255 032645	18	-5.6	4.1	5.7	2		255 041552	36	-35.3	1.79	6.0	2	
255 032649	18	-5.6	4.5	5.7	2		255 041557	36	-35.3	1.94	6.0	2	
255 032654	18	-5.6	4.9	5.7	2		255 041606	36	-30.3	1.46	6.0	2	
255 032658	18	-5.6	6.2	5.7	2		255 041726	36	-30.3	1.58	6.0	2	
255 032706	18	-0.7	3.3	5.7	2		255 041804	36	-30.3	1.67	6.0	2	
255 032830	18	-0.7	2.6	4.1	2		255 041808	36	-30.3	1.73	6.0	2	

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE IV - LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE - CONT.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
258 060345	-72	-50.2	2.6	5.6	2		258 062654	-54	-65.1	2.03	6.1	2	
258 060350	-72	-50.2	2.7	5.6	2		258 062658	-54	-65.1	2.1	6.1	2	
258 060355	-72	-50.2	2.9	5.6	2		258 062702	-54	-65.1	2.3	6.1	2	
258 060358	-72	-50.2	3.3	5.6	2		258 062712	-54	-60.1	1.61	6.1	2	
258 060408	-72	-45.3	2.2	5.6	2		258 062748	-54	-60.1	1.73	6.1	2	
258 060502	-72	-45.3	1.94	5.6	2		258 062753	-54	-60.1	1.79	6.1	2	
258 060533	-72	-45.3	2.1	5.6	2		258 062756	-54	-60.1	1.87	6.1	2	
258 060538	-72	-45.3	2.2	5.6	2		258 062801	-54	-60.1	1.94	6.1	3	
258 060541	-72	-45.3	2.3	5.6	2		258 062806	-54	-60.1	2.03	6.1	2	
258 060546	-72	-45.3	2.5	5.6	2		258 062811	-54	-60.1	2.1	6.1	2	
258 060551	-72	-45.3	2.6	5.6	2		258 062814	-54	-60.1	2.2	6.1	2	
258 060556	-72	-45.3	2.7	5.6	2		258 062819	-54	-60.1	2.5	6.1	2	
258 060559	-72	-45.3	2.9	5.6	2		258 062829	-54	-55.2	1.67	6.1	2	
258 060604	-72	-45.3	3.3	5.6	2		258 062835	-54	-55.2	1.79	6.1	2	
258 060614	-72	-40.3	2.1	5.6	2		258 062839	-54	-55.2	1.87	6.1	2	
258 060629	-72	-40.3	2.3	5.6	2		258 062844	-54	-55.2	1.94	6.1	2	
258 060634	-72	-40.3	2.5	5.6	2		258 062849	-54	-55.2	2.03	6.1	2	
258 060639	-72	-40.3	2.6	5.6	2		258 062854	-54	-55.2	2.1	6.1	2	
258 060644	-72	-40.3	2.7	5.6	2		258 062857	-54	-55.2	2.2	6.1	2	
258 060648	-72	-40.3	2.9	5.6	2		258 062902	-54	-55.2	2.3	6.1	2	
258 060652	-72	-40.3	3.1	5.6	2		258 062907	-54	-55.2	2.6	6.1	2	
258 060657	-72	-40.3	3.3	5.6	2		258 062915	-54	-50.2	1.79	6.1	2	
258 060702	-72	-40.3	3.8	5.6	2		258 062924	-54	-50.2	1.94	6.1	2	
258 060710	-72	-35.3	2.5	5.6	2		258 062928	-54	-50.2	2.03	6.1	2	
258 060720	-72	-35.3	2.7	5.6	2		258 062933	-54	-50.2	2.1	6.1	2	
258 060724	-72	-35.3	2.9	5.6	2		258 062937	-54	-50.2	2.2	6.1	2	
258 060728	-72	-35.3	3.1	5.6	2		258 062942	-54	-50.2	2.3	6.1	2	
258 060733	-72	-35.3	3.3	5.6	2		258 062946	-54	-50.2	2.5	6.1	2	
258 060737	-72	-35.3	3.5	5.6	2		258 062951	-54	-50.2	2.6	6.1	2	
258 060742	-72	-35.3	3.8	5.6	2		258 062955	-54	-50.2	2.9	6.1	2	
258 060746	-72	-35.3	4.1	5.6	2		258 063004	-54	-45.3	1.87	6.1	2	
258 060751	-72	-35.3	4.9	5.6	2		258 063013	-54	-45.3	2.03	6.1	2	
258 060759	-72	-30.3	2.9	5.6	2		258 063016	-54	-45.3	2.1	6.1	2	
258 060812	-72	-30.3	3.3	5.6	2		258 063021	-54	-45.3	2.2	6.1	2	
258 060817	-72	-30.3	3.5	5.6	2		258 063026	-54	-45.3	2.3	6.1	2	
258 060822	-72	-30.3	3.8	5.6	2		258 063031	-54	-45.3	2.5	6.1	2	
258 060825	-72	-30.3	4.1	5.6	2		258 063034	-54	-45.3	2.6	6.1	2	
258 060830	-72	-30.3	4.5	5.6	2		258 063039	-54	-45.3	2.7	6.1	2	
258 060835	-72	-30.3	4.9	5.6	2		258 063044	-54	-45.3	3.1	6.1	2	
258 060840	-72	-30.3	5.5	5.6	2		258 063052	-54	-40.3	2.03	6.1	2	
258 060843	-72	-30.3	7.2	5.6	2		258 063101	-54	-40.3	2.2	6.1	2	
258 060852	-72	-25.3	3.5	5.6	2		258 063105	-54	-40.3	2.3	6.1	2	
258 060949	-72	-25.3	2.9	5.6	2		258 063110	-54	-40.3	2.5	6.1	2	
258 061054	-72	-25.3	3.3	5.6	2		258 063114	-54	-40.3	2.6	6.1	2	
258 061059	-72	-25.3	3.5	5.6	2		258 063118	-54	-40.3	2.7	6.1	2	
258 061103	-72	-25.3	3.8	5.6	2		258 063123	-54	-40.3	2.9	6.1	2	
258 061108	-72	-25.3	4.1	5.6	2		258 063128	-54	-40.3	3.1	6.1	2	
258 061112	-72	-25.3	4.5	5.6	2		258 063132	-54	-40.3	3.5	6.1	2	
258 061117	-72	-25.3	4.9	5.6	2		258 063141	-54	-35.3	2.2	6.1	2	
258 061121	-72	-25.3	5.5	5.6	2		258 063229	-54	-35.3	2.1	6.1	2	
258 061126	-72	-25.3	7.2	5.6	2		258 063305	-54	-35.3	2.3	6.1	2	
258 061135	-72	-20.3	3.3	5.6	2		258 063310	-54	-35.3	2.5	6.1	2	
258 061148	-72	-20.3	3.8	5.6	2		258 063315	-54	-35.3	2.6	6.1	2	
258 061151	-72	-20.3	4.1	5.6	2		258 063318	-54	-35.3	2.7	6.1	2	
258 061156	-72	-20.3	4.5	5.6	2		258 063323	-54	-35.3	2.9	6.1	2	
258 061201	-72	-20.3	4.9	5.6	2		258 063328	-54	-35.3	3.1	6.1	2	
258 061206	-72	-20.3	5.5	5.6	2		258 063332	-54	-35.3	3.3	6.1	2	
258 061209	-72	-20.3	6.2	5.6	2		258 063336	-54	-35.3	3.8	6.1	2	
258 061214	-72	-20.3	7.2	5.6	2		258 063346	-54	-30.3	2.5	6.1	2	
258 061219	-72	-20.3	10.5	5.6	2		258 063353	-54	-30.3	2.7	6.1	2	
258 061227	-72	-15.3	4.1	5.6	2		258 063358	-54	-30.3	2.9	6.1	2	
258 061234	-72	-15.3	4.9	5.6	2		258 063402	-54	-30.3	3.1	6.1	2	
258 061239	-72	-15.3	5.5	5.6	2		258 063407	-54	-30.3	3.3	6.1	2	
258 061244	-72	-15.3	6.2	5.6	2		258 063411	-54	-30.3	3.5	6.1	2	
258 061249	-72	-15.3	7.2	5.6	2		258 063416	-54	-30.3	3.8	6.1	2	
258 061252	-72	-15.3	8.6	5.6	2		258 063420	-54	-30.3	4.1	6.1	2	
258 061257	-72	-15.3	10.5	5.6	2		258 063425	-54	-30.3	4.9	6.1	2	
258 061304	-72	-10.5	5.5	5.6	2		258 063433	-54	-25.3	2.7	6.1	2	
258 061502	-72	-10.5	6.2	5.6	2		258 063442	-54	-25.3	3.1	6.1	2	
258 061511	-72	-10.5	7.2	5.6	2		258 063447	-54	-25.3	3.3	6.1	2	
258 061520	-72	-10.5	8.6	5.6	2		258 063450	-54	-25.3	3.5	6.1	2	
258 061528	-72	-10.5	10.5	5.6	2		258 063455	-54	-25.3	3.8	6.1	2	
258 061535	-72	-10.5	13.5	5.6	2		258 063500	-54	-25.3	4.1	6.1	2	
258 061544	-72	-10.5	18	5.6	2		258 063505	-54	-25.3	4.5	6.1	2	
258 061552	-72	-10.5	29	5.6	2		258 063508	-54	-25.3	4.9	6.1	2	
258 061600	-72	-10.5	75	5.6	2		258 063513	-54	-25.3	6.2	6.1	2	
258 061609	-72	-10.5	75	5.6	2		258 063521	-54	-20.3	3.3	6.1	2	
258 061749	-72	-5.6	13.5	5.6	2		258 064231	-54	-20.3	2.9	6.1	2	
258 062001	-72	-5.6	13.5	4.1	2		258 064301	-54	-20.3	3.3	6.1	2	
258 062039	-72	-5.6	18	4.1	2		258 064305	-54	-20.3	3.5	6.1	2	
258 062049	-72	-5.6	29	4.1	2		258 064309	-54	-20.3	3.8	6.1	2	
258 062058	-72	-5.6	75	4.1	2		258 064314	-54	-20.3	4.1	6.1	2	
258 062107	-72	-5.6	75	4.1	2		258 064319	-54	-20.3	4.5	6.1	2	
258 062533	-54	-65.1	1.58	6.1	2		258 064320	-54	-20.3	4.9	6.1	2	
258 062631	-54	-65.1	1.67	6.1	2		258 064327	-54	-20.3	5.5	6.1	2	
258 062636	-54	-65.1	1.73	6.1	2		258 064332	-54	-20.3	7.2	6.1	2	
258 062640	-54	-65.1	1.79	6.1	2		258 064341	-54	-15.3	3.5	6.1	2	
258 062644	-54	-65.1	1.87	6.1	2		258 064421	-54	-15.3	3.1	6.1	2	
258 062649	-54	-65.1	1.94	6.1	2		258 064506	-54	-15.3	3.5	6.1	2	

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE IV - LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE - CONT.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
258 064510	-54	-15.3	3.8	6.1	2		259 061224	-36	-55.2	1.87	8.7	2	
258 064515	-54	-15.3	4.1	6.1	2		259 061228	-36	-55.2	1.94	8.8	2	
258 064519	-54	-15.3	4.5	6.1	2		259 061232	-36	-55.2	2.1	8.8	2	
258 064523	-54	-15.3	4.9	6.1	2		259 061242	-36	-50.2	1.58	8.8	2	
258 064528	-54	-15.3	5.5	6.1	2		259 061448	-36	-50.2	1.58	8.8	2	
258 064533	-54	-15.3	6.2	6.1	2		259 061607	-36	-50.2	1.73	8.7	2	
258 064537	-54	-15.3	8.6	6.1	2		259 061758	-36	-55.2	1.67	8.7	2	
258 064545	-54	-10.5	3.8	6.1	2		259 061833	-36	-55.2	1.79	8.7	2	
258 064555	-54	-10.5	4.5	6.1	2		259 061837	-36	-55.2	1.87	8.8	2	
258 064558	-54	-10.5	4.9	23.4	2		259 061841	-36	-55.2	1.94	8.8	2	
258 064603	-54	-10.5	5.5	6.1	2		259 061846	-36	-55.2	2.03	8.8	2	
258 064608	-54	-10.5	6.2	6.1	2		259 061851	-36	-55.2	2.1	8.7	2	
258 064613	-54	-10.5	7.2	6.1	2		259 061855	-36	-55.2	2.2	8.7	2	
258 064616	-54	-10.5	8.6	6.1	2		259 061859	-36	-55.2	2.3	8.8	2	
258 064621	-54	-10.5	10.5	6.1	2		259 061904	-36	-55.2	2.6	8.8	2	
258 064626	-54	-10.5	18	6.1	2		259 061914	-36	-50.2	1.73	8.7	2	
258 064634	-54	-5.6	4.5	6.1	2		259 061948	-36	-50.2	1.87	8.8	2	
258 064723	-54	-5.6	3.5	6.1	2		259 061953	-36	-50.2	1.94	8.8	2	
258 064804	-54	-5.6	4.1	6.1	2		259 061958	-36	-50.2	2.03	8.8	2	
258 064809	-54	-5.6	4.5	6.1	2		259 062003	-36	-50.2	2.1	8.8	2	
258 064812	-54	-5.6	4.9	6.1	2		259 062006	-36	-50.2	2.2	8.8	2	
258 064817	-54	-5.6	5.5	6.1	2		259 062011	-36	-50.2	2.3	8.8	2	
258 064822	-54	-5.6	6.2	6.1	2		259 062016	-36	-50.2	2.5	8.7	2	
258 064827	-54	-5.6	7.2	6.1	2		259 062021	-36	-50.2	2.7	8.8	2	
258 064830	-54	-5.6	8.6	6.1	2		259 062030	-36	-45.3	1.79	8.8	2	
258 064835	-54	-5.6	13.5	6.1	2		259 062116	-36	-45.3	1.94	8.8	2	
258 064843	-54	-0.7	4.5	6.1	2		259 062120	-36	-45.3	2.03	8.8	2	
258 064854	-54	-0.7	5.5	6.1	2		259 062124	-36	-45.3	2.1	8.8	2	
258 064859	-54	-0.7	6.2	6.1	2		259 062129	-36	-45.3	2.2	8.8	2	
258 064904	-54	-0.7	7.2	6.1	2		259 062134	-36	-45.3	2.3	8.8	2	
258 064907	-54	-0.7	8.6	6.1	2		259 062137	-36	-45.3	2.5	8.8	2	
258 064912	-54	-0.7	10.5	6.1	2		259 062142	-36	-45.3	2.6	8.8	2	
258 064917	-54	-0.7	13.5	6.1	2		259 062147	-36	-45.3	2.9	8.8	2	
258 064924	-54	-0.7	6.2	6.1	2		259 062155	-36	-40.3	1.94	8.7	2	
258 065100	-54	-0.7	6.2	6.1	2		259 062241	-36	-40.3	2.1	8.8	2	
258 065140	-54	-0.7	7.2	6.1	2		259 062246	-36	-40.3	2.2	8.8	2	
258 065151	-54	-0.7	8.6	6.1	2		259 062251	-36	-40.3	2.3	8.8	2	
258 065200	-54	-0.7	10.5	6.1	2		259 062254	-36	-40.3	2.5	8.7	2	
258 065209	-54	-0.7	13.5	6.1	2		259 062259	-36	-40.3	2.6	8.8	2	
258 065218	-54	-0.7	18	6.1	2		259 062304	-36	-40.3	2.7	8.8	2	
258 065226	-54	-0.7	29	6.1	2		259 062309	-36	-40.3	2.9	8.8	2	
258 065233	-54	-0.7	75	6.1	2		259 062312	-36	-40.3	3.3	8.8	2	
258 065241	-54	-0.7	196	6.1	2		259 062322	-36	-35.3	2.03	8.8	2	
258 065504	-54	4.3	6.2	6.1	2		259 062419	-36	-35.3	1.87	8.7	2	
258 065545	-54	4.3	7.2	6.1	2		259 062444	-36	-35.3	2.03	8.8	2	
258 065553	-54	4.3	8.6	6.1	2		259 062449	-36	-35.3	2.1	8.8	2	
258 065601	-54	4.3	10.5	11.4	2		259 062454	-36	-35.3	2.2	8.8	2	
258 065610	-54	4.3	13.5	6.1	2		259 062459	-36	-35.3	2.3	8.8	2	
258 065618	-54	4.3	18	6.1	2		259 062502	-36	-35.3	2.5	8.8	2	
258 065626	-54	4.3	29	6.1	2		259 062507	-36	-35.3	2.6	8.8	2	
258 065635	-54	4.3	75	6.1	2		259 062512	-36	-35.3	2.7	8.8	2	
258 065642	-54	4.3	196	6.1	2		259 062517	-36	-35.3	3.1	8.8	2	
258 072519	-54	4.3	196	6.1	2		259 062550	-36	-30.3	2.03	8.8	2	
FOCUS RANGING D													
259 055853	-36	-65.1	1.40	5.9	2		259 062611	-36	-30.3	2.2	8.8	2	
259 055934	-36	-65.1	1.40	6.0	2		259 062616	-36	-30.3	2.3	8.7	2	
259 060026	-36	-65.1	1.40	8.8	2		259 062620	-36	-30.3	2.5	8.8	2	
259 060222	-36	-65.1	1.40	8.7	2		259 062624	-36	-30.3	2.6	8.7	2	
259 060319	-36	-65.1	1.46	8.8	2		259 062629	-36	-30.3	2.7	8.8	2	
259 060324	-36	-65.1	1.52	8.8	2		259 062634	-36	-30.3	2.9	8.8	2	
259 060328	-36	-65.1	1.58	8.8	2		259 062638	-36	-30.3	3.1	8.8	2	
259 060332	-36	-65.1	1.61	18.2	2		259 062642	-36	-30.3	3.5	8.8	2	
259 060337	-36	-65.1	1.67	8.7	2		259 062652	-36	-25.3	2.2	8.8	2	
259 060342	-36	-65.1	1.73	8.7	2		259 062845	-36	-25.3	2.5	8.8	2	
259 060346	-36	-65.1	1.79	8.8	2		259 062850	-36	-25.3	2.6	8.8	2	
259 060350	-36	-65.1	1.94	8.8	2		259 062855	-36	-25.3	2.7	8.8	2	
259 060400	-36	-60.1	1.43	8.7	2		259 062859	-36	-25.3	2.9	8.8	2	
259 060408	-36	-60.1	1.52	8.7	2		259 062903	-36	-25.3	3.1	8.8	2	
259 060413	-36	-60.1	1.58	8.8	2		259 062908	-36	-25.3	3.3	8.7	2	
259 060417	-36	-60.1	1.61	8.8	2		259 062913	-36	-25.3	3.5	8.8	2	
259 060422	-36	-60.1	1.67	8.7	2		259 062917	-36	-25.3	4.1	8.8	2	
259 060426	-36	-60.1	1.73	8.7	2		259 062925	-36	-20.3	2.6	8.8	2	
259 060431	-36	-60.1	1.79	8.8	2		259 062952	-36	-20.3	2.9	8.8	2	
259 060435	-36	-60.1	1.87	8.8	2		259 062956	-36	-20.3	3.1	8.7	2	
259 060440	-36	-60.1	2.03	8.7	2		259 063001	-36	-20.3	3.3	8.8	2	
259 060449	-36	-55.2	1.46	8.8	2		259 063006	-36	-20.3	3.5	8.8	2	
259 060456	-36	-55.2	1.58	8.8	2		259 063010	-36	-20.3	3.8	8.8	2	
259 060501	-36	-55.2	1.61	8.7	2		259 063014	-36	-20.3	4.1	8.8	2	
259 060813	-36	-55.2	1.46	8.7	2		259 063019	-36	-20.3	4.5	8.8	2	
259 060931	-36	-55.2	1.46	8.7	2		259 063024	-36	-20.3	5.5	8.8	2	
259 061201	-36	-55.2	1.58	8.8	2		259 063032	-36	-15.3	2.9	8.8	2	
259 061206	-36	-55.2	1.61	8.8	2		259 063151	-36	-15.3	2.6	5.9	2	
259 061210	-36	-55.2	1.67	8.8	2		259 063232	-36	-15.3	2.9	5.9	2	
259 061214	-36	-55.2	1.73	8.7	2		259 063235	-36	-15.3	3.1	5.9	2	
259 061219	-36	-55.2	1.79	8.7	2		259 063240	-36	-15.3	3.3	5.9	2	
							259 063245	-36	-15.3	3.5	5.9	2	
							259 063250	-36	-15.3	3.8	5.9	2	
							259 063253	-36	-15.3	4.1	5.9	2	
							259 063258	-36	-15.3	4.5	5.9	2	
							259 063303	-36	-15.3	5.5	5.9	2	

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE IV - LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE - CONT.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
259 063311	-36	-10.5	3.1	5.9	2		259 073141	-18	-60.1	1.73	8.8	2	
259 063333	-36	-10.5	3.5	5.9	2		259 073144	-18	-60.1	1.79	8.8	2	
259 063336	-36	-10.5	3.8	5.9	2		259 073149	-18	-60.1	1.87	8.7	2	
259 063341	-36	-10.5	4.1	5.9	2		259 073154	-18	-60.1	2.03	8.7	2	
259 063346	-36	-10.5	4.5	5.9	2		259 073204	-18	-55.2	1.46	8.7	2	
259 063351	-36	-10.5	4.9	5.9	2		259 073230	-18	-55.2	1.58	8.7	2	
259 063354	-36	-10.5	5.5	5.9	2		259 073235	-18	-55.2	1.61	8.8	2	
259 063359	-36	-10.5	6.2	5.9	2		259 073240	-18	-55.2	1.67	8.8	2	
259 063404	-36	-10.5	8.6	5.9	2		259 073244	-18	-55.2	1.73	8.8	2	
259 063412	-36	-5.6	3.8	5.9	2		259 073248	-18	-55.2	1.79	8.8	2	
259 063559	-36	-10.5	2.6	5.9	2		259 073253	-18	-55.2	1.87	8.8	2	
259 063640	-36	-10.5	2.9	5.9	2		259 073258	-18	-55.2	1.94	8.7	2	
259 063643	-36	-10.5	3.1	5.9	2		259 073302	-18	-55.2	2.1	8.8	2	
259 063645	-36	-10.5	3.3	5.9	2		259 073312	-18	-50.2	1.52	8.8	2	
259 063653	-36	-10.5	3.5	5.9	2		259 073343	-18	-50.2	1.61	8.7	2	
259 063658	-36	-10.5	3.8	5.9	2		259 073348	-18	-50.2	1.67	8.8	2	
259 063701	-36	-10.5	4.1	5.9	2		259 073353	-18	-50.2	1.73	8.8	2	
259 063706	-36	-10.5	4.5	5.9	2		259 073358	-18	-50.2	1.79	8.8	2	
259 063711	-36	-10.5	5.5	5.9	2		259 073401	-18	-50.2	1.87	8.8	2	
259 063719	-36	-5.6	3.1	5.9	2		259 073406	-18	-50.2	1.94	8.7	2	
259 063741	-36	-5.6	3.5	5.9	2		259 073411	-18	-50.2	2.03	8.8	2	
259 063746	-36	-5.6	3.8	5.9	2		259 073415	-18	-50.2	2.2	8.8	2	
259 063750	-36	-5.6	4.1	5.9	2		259 073425	-18	-45.3	1.58	8.8	2	
259 063755	-36	-5.6	4.5	5.9	2		259 073523	-18	-45.3	1.67	8.7	2	
259 063759	-36	-5.6	4.9	5.9	2		259 073554	-18	-45.3	1.79	8.7	2	
259 063804	-36	-5.6	5.5	5.9	2		259 073559	-18	-45.3	1.87	8.8	2	
259 063808	-36	-5.6	6.2	5.9	2		259 073602	-18	-45.3	1.94	8.8	2	
259 063813	-36	-5.6	8.6	5.9	2		259 073607	-18	-45.3	2.03	8.8	2	
259 063822	-36	-0.7	3.8	5.9	2		259 073612	-18	-45.3	2.1	8.7	2	
259 063906	-36	-0.7	3.3	5.9	2		259 073617	-18	-45.3	2.2	8.8	2	
259 063936	-36	-0.7	3.8	5.9	2		259 073620	-18	-45.3	2.3	8.7	2	
259 063939	-36	-0.7	4.1	5.9	2		259 073625	-18	-45.3	2.6	8.7	2	
259 063944	-36	-0.7	4.5	5.9	2		259 073635	-18	-40.3	1.73	8.7	2	
259 063949	-36	-0.7	4.9	5.9	2		259 073713	-18	-40.3	1.87	8.7	2	
259 063954	-36	-0.7	5.5	5.9	2		259 073718	-18	-40.3	1.94	8.8	2	
259 063957	-36	-0.7	6.2	5.9	2		259 073722	-18	-40.3	2.03	8.7	2	
259 064002	-36	-0.7	7.2	5.9	2		259 073726	-18	-40.3	2.1	8.8	2	
259 064007	-36	-0.7	10.5	5.9	2		259 073731	-18	-40.3	2.2	8.8	2	
259 064015	-36	4.3	3.8	5.9	2		259 073736	-18	-40.3	2.3	8.8	2	
259 064103	-36	4.3	3.3	5.9	2		259 073740	-18	-40.3	2.5	8.7	2	
259 065248	-36	4.3	3.8	5.9	2		259 073744	-18	-40.3	2.7	8.8	2	
259 065253	-36	4.3	4.1	5.9	2		259 073754	-18	-35.3	1.87	8.7	2	
259 065257	-36	4.3	4.5	5.9	2		259 074041	-18	-35.3	1.73	8.8	2	
259 065301	-36	4.3	4.9	5.9	2		259 074125	-18	-35.3	1.87	8.7	2	
259 065306	-36	4.3	5.5	5.9	2		259 074129	-18	-35.3	1.94	8.8	2	
259 065311	-36	4.3	6.2	5.9	2		259 074134	-18	-35.3	2.03	8.7	2	
259 065315	-36	4.3	7.2	5.9	2		259 074139	-18	-35.3	2.1	8.7	2	
259 065444	-36	4.3	8.6	5.9	2		259 074143	-18	-35.3	2.2	8.7	2	
259 065455	-36	4.3	10.5	5.9	2		259 074147	-18	-35.3	2.3	8.8	2	
259 065504	-36	4.3	13.5	5.9	2		259 074152	-18	-35.3	2.5	8.8	2	
259 065518	-36	4.3	18	5.9	2		259 074157	-18	-35.3	2.7	8.8	2	
259 065528	-36	4.3	29	5.9	2		259 074207	-18	-30.3	1.79	8.8	2	
259 065538	-36	4.3	75	5.9	2		259 074239	-18	-30.3	1.94	8.8	2	
259 065549	-36	4.3	196	5.9	2		259 074243	-18	-30.3	2.03	8.7	2	
259 065615	-36	9.3	196	5.9	2		259 074247	-18	-30.3	2.1	8.8	2	
259 065720	-36	9.3	75	5.9	2		259 074252	-18	-30.3	2.2	8.8	2	
259 065729	-36	9.3	29	5.9	2		259 074257	-18	-30.3	2.3	8.8	2	
259 065739	-36	9.3	18	5.9	2		259 074300	-18	-30.3	2.5	8.8	2	
259 065748	-36	9.3	13.5	5.9	2		259 074305	-18	-30.3	2.6	8.8	2	
259 065759	-36	9.3	10.5	5.9	2		259 074310	-18	-30.3	2.9	8.7	2	
259 065809	-36	9.3	8.6	5.9	2		259 074318	-18	-25.3	1.94	8.8	2	
259 065820	-36	9.3	7.2	5.9	2		259 074400	-18	-25.3	2.1	8.8	2	
259 065829	-36	9.3	6.2	5.9	2		259 074405	-18	-25.3	2.2	8.7	2	
259 065906	-36	9.3	5.5	5.9	2		259 074410	-18	-25.3	2.3	8.8	2	
259 065917	-36	9.3	4.9	5.9	2		259 074414	-18	-25.3	2.5	8.7	2	
259 065927	-36	9.3	4.5	5.9	2		259 074418	-18	-25.3	2.6	8.7	2	
259 070100	-36	14.4	196	5.9	2		259 074423	-18	-25.3	2.7	8.8	2	
259 070144	-36	14.4	75	5.9	2		259 074428	-18	-25.3	2.9	8.8	2	
259 070154	-36	14.4	13.5	5.9	2		259 074432	-18	-25.3	3.3	8.8	2	
259 070205	-36	14.4	18	5.9	2		259 074441	-18	-20.3	2.1	8.7	2	
259 070214	-36	14.4	29	5.9	2		259 074541	-18	-20.3	1.94	8.8	2	
259 070224	-36	14.4	75	5.9	2		259 074633	-18	-20.3	2.1	8.8	2	
259 070235	-36	14.4	196	5.9	2		259 074638	-18	-20.3	2.2	8.7	2	
259 072628	-18	-65.1	1.33	5.9	2		259 074641	-18	-20.3	2.3	8.8	2	
259 072735	-18	-65.1	1.33	8.8	2		259 074646	-18	-20.3	2.5	8.8	2	
259 072845	-18	-65.1	1.43	8.7	2		259 074651	-18	-20.3	2.6	8.8	2	
259 072849	-18	-65.1	1.46	8.8	2		259 074655	-18	-20.3	2.7	8.8	2	
259 072854	-18	-65.1	1.52	8.8	2		259 074659	-18	-20.3	2.9	8.8	2	
259 072859	-18	-65.1	1.58	8.8	2		259 074704	-18	-20.3	3.3	8.8	2	
259 072903	-18	-65.1	1.61	8.8	2		259 074712	-18	-15.3	2.2	8.8	2	
259 072907	-18	-65.1	1.67	8.8	2		259 074741	-18	-15.3	2.5	8.8	2	
259 072912	-18	-65.1	1.73	8.8	2		259 074745	-18	-15.3	2.6	8.8	2	
259 072917	-18	-65.1	1.87	8.8	2		259 074749	-18	-15.3	2.7	8.7	2	
259 072927	-18	-60.1	1.33	8.8	2		259 074754	-18	-15.3	2.9	8.8	2	
259 073039	-18	-60.1	1.43	8.8	2		259 074759	-18	-15.3	3.1	8.8	2	
259 073123	-18	-60.1	1.52	8.8	2		259 074803	-18	-15.3	3.3	8.8	2	
259 073127	-18	-60.1	1.58	8.8	2		259 074807	-18	-15.3	3.5	8.8	2	
259 073131	-18	-60.1	1.61	8.8	2		259 074812	-18	-15.3	4.1	8.8	2	
259 073136	-18	-60.1	1.67	8.8	2		259 074821	-18	-10.5	2.5	8.8	2	

TABLE IV - LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE - CONT.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
259 074959	-18	-10.5	2.2	8.7	2		259 082408	0	-60.1	1.73	8.8	2	
259 075038	-18	-10.5	2.5	8.8	2		259 082411	0	-60.1	1.79	8.8	2	
259 075043	-18	-10.5	2.6	8.8	2		259 082416	0	-60.1	1.87	8.8	2	
259 075048	-18	-10.5	2.7	8.8	2		259 082421	0	-60.1	2.03	8.7	2	
259 075053	-18	-10.5	2.9	8.8	2		259 082430	0	-55.2	1.46	8.7	2	
259 075056	-18	-10.5	3.1	8.8	2		259 082645	0	-55.2	1.58	8.8	2	
259 075101	-18	-10.5	3.3	8.7	2		259 082649	0	-55.2	1.61	8.7	2	
259 075106	-18	-10.5	3.5	8.8	2		259 082654	0	-55.2	1.67	8.8	2	
259 075111	-18	-10.5	4.1	8.7	2		259 082658	0	-55.2	1.73	8.7	2	
259 075119	-18	-5.6	2.6	8.8	2		259 082703	0	-55.2	1.79	8.8	2	
259 075148	-18	-5.6	2.9	8.8	2		259 082707	0	-55.2	1.87	8.8	2	
259 075153	-18	-5.6	3.1	8.8	2		259 082712	0	-55.2	1.94	8.8	2	
259 075157	-18	-5.6	3.3	8.8	2		259 082716	0	-55.2	2.1	8.8	2	
259 075202	-18	-5.6	3.5	8.8	2		259 082725	0	-50.2	1.52	8.8	2	
259 075206	-18	-5.6	3.8	8.8	2		259 082755	0	-50.2	1.61	8.8	2	
259 075211	-18	-5.6	4.1	8.8	2		259 082800	0	-50.2	1.67	8.7	2	
259 075215	-18	-5.6	4.5	8.8	2		259 082805	0	-50.2	1.73	8.7	2	
259 075220	-18	-5.6	5.5	8.8	2		259 082810	0	-50.2	1.79	8.8	2	
259 075229	-18	-0.7	3.1	8.8	2		259 082813	0	-50.2	1.87	8.8	2	
259 075351	-18	-0.7	3.5	8.8	2		259 082818	0	-50.2	1.94	8.8	2	
259 075356	-18	-0.7	3.8	8.8	2		259 082823	0	-50.2	2.03	8.8	2	
259 075401	-18	-0.7	4.1	8.8	2		259 082828	0	-50.2	2.2	8.8	2	
259 075405	-18	-0.7	4.5	8.8	2		259 082837	0	-45.3	1.58	8.8	2	
259 075409	-18	-0.7	4.9	8.7	2		259 082916	0	-45.3	1.67	8.8	2	
259 075414	-18	-0.7	5.5	8.8	2		259 082920	0	-45.3	1.73	8.8	2	
259 075419	-18	-0.7	6.2	8.8	2		259 082924	0	-45.3	1.79	8.8	2	
259 075422	-18	-0.7	8.6	8.8	2		259 082929	0	-45.3	1.87	8.8	2	
259 075431	-18	4.3	3.8	8.7	2		259 082933	0	-45.3	1.94	8.7	2	
259 075828	-18	4.3	3.3	8.8	2		259 082938	0	-45.3	2.03	8.7	2	
259 075905	-18	4.3	3.8	8.8	2		259 082942	0	-45.3	2.1	8.8	2	
259 075909	-18	4.3	4.1	8.8	2		259 082947	0	-45.3	2.3	8.7	2	
259 075914	-18	4.3	4.5	8.8	2		259 082956	0	-40.3	1.61	8.7	2	
259 075919	-18	4.3	4.9	8.8	2		259 083106	0	-40.3	1.73	8.7	2	
259 075923	-18	4.3	5.5	8.8	2		259 083622	0	-40.3	1.87	8.8	2	
259 075927	-18	4.3	6.2	8.8	2		259 083627	0	-40.3	1.94	8.7	2	
259 075932	-18	4.3	7.2	8.7	2		259 083631	0	-40.3	2.03	8.8	2	
259 075937	-18	4.3	10.5	8.8	2		259 083636	0	-40.3	2.1	8.8	2	
259 075945	-18	9.3	3.8	8.8	2		259 083640	0	-40.3	2.2	8.7	2	
259 080039	-18	9.3	3.3	8.8	2		259 083645	0	-40.3	2.3	8.7	2	
259 080114	-18	9.3	3.8	8.8	2		259 083649	0	-40.3	2.5	8.8	2	
259 080118	-18	9.3	4.1	8.8	2		259 083654	0	-40.3	2.7	8.7	2	
259 080122	-18	9.3	4.5	8.8	2		259 083703	0	-35.3	1.87	8.8	2	
259 080127	-18	9.3	4.9	8.8	2		259 083737	0	-35.3	1.73	8.8	2	
259 080132	-18	9.3	5.5	8.8	2		259 083755	0	-35.3	1.87	8.8	2	
259 080136	-18	9.3	6.2	8.7	2		259 083800	0	-35.3	1.94	8.7	2	
259 080140	-18	9.3	7.2	8.8	2		259 083805	0	-35.3	2.03	8.8	2	
259 080145	-18	9.3	10.5	8.8	2		259 083810	0	-35.3	2.1	8.8	2	
259 080153	-18	14.4	4.1	8.8	2		259 083813	0	-35.3	2.2	8.7	2	
259 080233	-18	14.4	4.9	8.8	2		259 083818	0	-35.3	2.3	8.7	2	
259 080236	-18	14.4	5.5	8.8	2		259 083823	0	-35.3	2.5	8.8	2	
259 080241	-18	14.4	6.2	8.8	2		259 083828	0	-35.3	2.7	8.7	2	
259 080246	-18	14.4	7.2	8.8	2		259 083837	0	-30.3	1.79	8.8	2	
259 080251	-18	14.4	8.6	8.8	2		259 083853	0	-30.3	1.94	8.7	2	
259 080254	-18	14.4	10.5	8.8	2		259 083856	0	-30.3	2.03	8.8	2	
259 080301	-18	19.4	5.5	5.9	2		259 083901	0	-30.3	2.1	8.7	2	
259 080403	-18	19.4	5.5	5.9	2		259 083906	0	-30.3	2.2	8.8	2	
259 080518	-18	19.4	6.2	5.9	2		259 083911	0	-30.3	2.3	8.7	2	
259 080526	-18	19.4	7.2	5.9	2		259 083914	0	-30.3	2.5	8.8	2	
259 080535	-18	19.4	8.6	5.9	2		259 083919	0	-30.3	2.6	8.7	2	
259 080542	-18	19.4	10.5	5.9	2		259 083924	0	-30.3	2.9	8.8	2	
259 080550	-18	19.4	13.5	5.9	2		259 083932	0	-25.3	1.94	8.8	2	
259 080559	-18	19.4	18	5.9	2		259 083957	0	-25.3	1.79	8.8	2	
259 080606	-18	19.4	29	5.9	2		259 084014	0	-25.3	1.94	8.8	2	
259 080614	-18	19.4	75	5.9	2		259 084019	0	-25.3	2.03	8.8	2	
259 080623	-18	19.4	196	5.9	2		259 084024	0	-25.3	2.1	8.8	2	
259 081422	0	-65.1	1.33	8.8	2		259 084028	0	-25.3	2.2	8.7	2	
259 081622	0	-65.1	1.43	8.8	2		259 084032	0	-25.3	2.3	8.7	2	
259 081627	0	-65.1	1.46	8.8	2		259 084037	0	-25.3	2.5	8.8	2	
259 081631	0	-65.1	1.52	8.8	2		259 084042	0	-25.3	2.6	8.7	2	
259 081636	0	-65.1	1.58	8.8	2		259 084046	0	-25.3	2.9	8.7	2	
259 081640	0	-65.1	1.61	8.8	2		259 084055	0	-20.3	1.94	8.8	2	
259 081645	0	-65.1	1.67	8.8	2		259 084110	0	-20.3	2.1	8.7	2	
259 081649	0	-65.1	1.73	8.8	2		259 084115	0	-20.3	2.2	8.8	2	
259 081654	0	-65.1	1.87	8.8	2		259 084119	0	-20.3	2.3	8.8	2	
259 081704	0	-60.1	1.33	8.8	2		259 084124	0	-20.3	2.5	8.7	2	
259 081734	0	-60.1	1.43	8.8	2		259 084128	0	-20.3	2.6	8.8	2	
259 081738	0	-60.1	1.46	8.8	2		259 084133	0	-20.3	2.7	8.7	2	
259 081743	0	-60.1	1.52	8.8	2		259 084137	0	-20.3	2.9	8.8	2	
259 081747	0	-60.1	1.58	8.8	2		259 084142	0	-20.3	3.3	8.7	2	
259 081752	0	-60.1	1.61	8.8	2		259 084150	0	-15.3	2.2	8.8	2	
259 081756	0	-60.1	1.67	8.8	2		259 084209	0	-15.3	2.5	8.7	2	
259 081801	0	-60.1	1.73	8.8	2		259 084213	0	-15.3	2.6	8.8	2	
259 081805	0	-60.1	1.87	8.8	2		259 084217	0	-15.3	2.7	8.8	2	
259 081814	0	-55.2	1.40	8.7	2		259 084222	0	-15.3	2.9	8.8	2	
259 082227	0	-60.1	1.43	8.8	2		259 084227	0	-15.3	3.1	8.8	2	
259 082350	0	-60.1	1.52	8.8	2		259 084231	0	-15.3	3.3	8.7	2	
259 082353	0	-60.1	1.58	8.7	2		259 084235	0	-15.3	3.5	8.8	2	
259 082358	0	-60.1	1.61	8.7	2		259 084240	0	-15.3	4.1	8.8	2	
259 082403	0	-60.1	1.67	8.7	2		259 084250	0	-10.5	2.5	8.7	2	

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE IV - LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE - CONT.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
259 084314	0	-10.5	2.1	8.8	2		259 094812	18	-60.1	1.58	8.7	2	
259 084328	0	-10.5	2.3	8.8	2		259 094815	18	-60.1	1.61	8.8	2	
259 084333	0	-10.5	2.5	8.8	2		259 094820	18	-60.1	1.67	8.8	2	
259 084338	0	-10.5	2.6	8.8	2		259 094825	18	-60.1	1.73	8.8	2	
259 084342	0	-10.5	2.7	8.8	2		259 094830	18	-60.1	1.87	8.8	2	
259 084347	0	-10.5	2.9	8.8	2		259 094838	18	-55.2	1.40	8.7	2	
259 084351	0	-10.5	3.1	8.8	2		259 094906	18	-55.2	1.46	8.7	2	
259 084356	0	-10.5	3.3	8.8	2		259 094910	18	-55.2	1.52	8.7	2	
259 084400	0	-10.5	3.8	8.7	2		259 094914	18	-55.2	1.58	8.8	2	
259 084409	0	-5.6	2.5	8.8	2		259 094919	18	-55.2	1.61	8.8	2	
259 084435	0	-5.6	2.1	8.8	2		259 094924	18	-55.2	1.67	8.8	2	
259 084451	0	-5.6	2.3	8.8	2		259 094928	18	-55.2	1.73	8.8	2	
259 084454	0	-5.6	2.5	8.7	2		259 094932	18	-55.2	1.79	8.7	2	
259 084459	0	-5.6	2.6	8.8	2		259 094937	18	-55.2	1.94	8.7	2	
259 084504	0	-5.6	2.7	8.7	2		259 094946	18	-50.2	1.43	8.8	2	
259 084509	0	-5.6	2.9	8.8	2		259 095010	18	-50.2	1.52	8.8	2	
259 084512	0	-5.6	3.1	8.7	2		259 095015	18	-50.2	1.58	8.8	2	
259 084517	0	-5.6	3.3	8.7	2		259 095020	18	-50.2	1.61	8.8	2	
259 084522	0	-5.6	3.8	8.8	2		259 095024	18	-50.2	1.67	8.7	2	
259 084530	0	-0.7	2.5	8.8	2		259 095028	18	-50.2	1.73	8.7	2	
259 084906	0	-0.7	2.2	8.8	2		259 095033	18	-50.2	1.79	8.8	2	
259 092858	0	-0.7	2.2	8.8	2		259 095038	18	-50.2	1.87	8.8	2	
259 092936	0	-0.7	2.2	8.8	2		259 095042	18	-50.2	2.03	8.8	2	
259 093012	0	-0.7	2.5	8.8	2		259 095051	18	-45.3	1.46	8.8	2	
259 093017	0	-0.7	2.6	8.8	2		259 095120	18	-45.3	1.58	8.8	2	
259 093022	0	-0.7	2.7	8.8	2		259 095134	18	-45.3	1.67	8.7	2	
259 093026	0	-0.7	2.9	8.8	2		259 095138	18	-45.3	1.73	8.7	2	
259 093030	0	-0.7	3.1	8.8	2		259 095143	18	-45.3	1.79	8.7	2	
259 093035	0	-0.7	3.3	8.8	2		259 095148	18	-45.3	1.87	8.8	2	
259 093040	0	-0.7	3.5	8.8	2		259 095152	18	-45.3	1.94	8.8	2	
259 093044	0	-0.7	4.1	8.8	2		259 095156	18	-45.3	2.03	8.7	2	
259 093052	0	4.3	2.6	8.8	2		259 095201	18	-45.3	2.1	8.7	2	
259 093114	0	4.3	2.9	8.8	2		259 095206	18	-45.3	2.3	8.8	2	
259 093119	0	4.3	3.1	8.8	2		259 095215	18	-40.3	1.61	8.7	2	
259 093123	0	4.3	3.3	8.7	2		259 095227	18	-40.3	1.73	8.8	2	
259 093128	0	4.3	3.5	8.8	2		259 095231	18	-40.3	1.79	8.8	2	
259 093132	0	4.3	3.8	8.7	2		259 095236	18	-40.3	1.87	8.7	2	
259 093137	0	4.3	4.1	8.8	2		259 095240	18	-40.3	1.94	8.8	2	
259 093141	0	4.3	4.5	8.7	2		259 095244	18	-40.3	2.03	8.7	2	
259 093146	0	4.3	5.5	8.8	2		259 095249	18	-40.3	2.1	8.8	2	
259 093154	0	9.3	2.9	8.7	2		259 095254	18	-40.3	2.2	8.8	2	
259 093203	0	9.3	3.3	8.7	2		259 095258	18	-40.3	2.5	8.8	2	
259 093206	0	9.3	3.5	8.8	2		259 095307	18	-35.3	1.73	8.8	2	
259 093211	0	9.3	3.8	8.7	2		259 095315	18	-35.3	1.87	8.7	2	
259 093216	0	9.3	4.1	8.7	2		259 095319	18	-35.3	1.94	8.7	2	
259 093221	0	9.3	4.5	8.8	2		259 095324	18	-35.3	2.03	8.8	2	
259 093224	0	9.3	4.9	8.7	2		259 095328	18	-35.3	2.1	8.8	2	
259 093229	0	9.3	5.5	8.8	2		259 095332	18	-35.3	2.2	8.7	2	
259 093234	0	9.3	7.2	8.8	2		259 095337	18	-35.3	2.3	8.7	2	
259 093242	0	14.4	3.5	8.7	2		259 095342	18	-35.3	2.5	8.8	2	
259 093304	0	14.4	3.1	8.8	2		259 095346	18	-35.3	2.7	8.8	2	
259 093323	0	14.4	3.5	8.8	2		259 095356	18	-30.3	1.79	8.7	2	
259 093328	0	14.4	3.8	8.8	2		259 095413	18	-30.3	1.67	8.8	2	
259 093332	0	14.4	4.1	8.8	2		259 095425	18	-30.3	1.79	8.8	2	
259 093337	0	14.4	4.5	8.8	2		259 095430	18	-30.3	1.87	8.8	2	
259 093341	0	14.4	4.9	8.7	2		259 095433	18	-30.3	1.94	8.8	2	
259 093346	0	14.4	5.5	8.8	2		259 095438	18	-30.3	2.03	8.8	2	
259 093352	0	19.4	3.8	8.7	2		259 095443	18	-30.3	2.1	8.8	2	
259 093425	0	19.4	4.5	8.8	2		259 095448	18	-30.3	2.2	8.8	2	
259 093429	0	19.4	4.9	8.7	2		259 095451	18	-30.3	2.3	8.8	2	
259 093434	0	19.4	5.5	8.8	2		259 095456	18	-30.3	2.6	8.8	2	
259 093713	0	19.4	6.2	8.8	2		259 095506	18	-25.3	1.79	8.8	2	
259 093728	0	19.4	7.2	8.8	2		259 095514	18	-25.3	1.94	8.8	2	
259 093737	0	19.4	8.6	8.8	2		259 095518	18	-25.3	2.03	8.7	2	
259 093744	0	19.4	10.5	8.8	2		259 095522	18	-25.3	2.1	8.8	2	
259 093751	0	19.4	13.5	8.8	2		259 095527	18	-25.3	2.2	8.8	2	
259 093925	0	24.3	5.5	5.9	2		259 095532	18	-25.3	2.3	8.7	2	
259 094001	0	24.3	6.2	5.9	2		259 095536	18	-25.3	2.5	8.8	2	
259 094008	0	24.3	7.2	5.9	2		259 095540	18	-25.3	2.6	8.7	2	
259 094014	0	24.3	8.6	5.9	2		259 095545	18	-25.3	2.9	8.8	2	
259 094021	0	24.3	10.5	5.9	2		259 095555	18	-20.3	1.94	8.8	2	
259 094028	0	24.3	13.5	5.9	2		259 095603	18	-20.3	2.1	8.8	2	
259 094036	0	24.3	18	5.9	2		259 095608	18	-20.3	2.2	8.8	2	
259 094043	0	24.3	29	5.9	2		259 095613	18	-20.3	2.3	8.7	2	
259 094103	0	24.3	75	5.9	2		259 095618	18	-20.3	2.5	8.8	2	
259 094113	0	24.3	196	5.9	2		259 095621	18	-20.3	2.6	8.7	2	
259 094602	18	-65.1	1.33	8.8	2		259 095626	18	-20.3	2.7	8.8	2	
259 094620	18	-65.1	1.43	8.8	2		259 095631	18	-20.3	2.9	8.8	2	
259 094625	18	-65.1	1.46	8.8	2		259 095636	18	-20.3	3.3	8.8	2	
259 094630	18	-65.1	1.52	8.8	2		259 095644	18	-15.3	2.2	8.7	2	
259 094633	18	-65.1	1.58	8.8	2		259 095701	18	-15.3	2.03	8.8	2	
259 094638	18	-65.1	1.61	8.8	2		259 095713	18	-15.3	2.2	8.8	2	
259 094643	18	-65.1	1.67	8.8	2		259 095717	18	-15.3	2.3	8.8	2	
259 094648	18	-65.1	1.73	8.8	2		259 095721	18	-15.3	2.5	8.8	2	
259 094651	18	-65.1	1.87	8.8	2		259 095726	18	-15.3	2.6	8.8	2	
259 094702	18	-60.1	1.33	8.8	2		259 095731	18	-15.3	2.7	8.7	2	
259 094757	18	-60.1	1.43	8.8	2		259 095735	18	-15.3	2.9	8.7	2	
259 094802	18	-60.1	1.46	8.8	2		259 095739	18	-15.3	3.1	8.8	2	
259 094807	18	-60.1	1.52	8.7	2		259 095744	18	-15.3	3.5	8.8	2	

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE IV - LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE - CONT.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
263 051034	-144	-30.3	29	5.7	2		263 053844	123	-15.3	4.5	5.7	2	
263 051053	-144	-30.3	75	5.7	2		263 053849	123	-15.3	4.9	5.7	2	
263 051112	-144	-30.3	196	5.7	2		263 053853	123	-15.3	5.5	5.7	2	
263 051336	-126	-65.1	1.73	5.7	2		263 053857	123	-15.3	7.2	5.7	2	
263 051442	-126	-65.1	1.61	5.7	2		263 053907	123	-10.5	3.3	5.7	2	
263 051530	-126	-65.1	1.67	5.7	2		263 053954	123	-10.5	2.9	5.7	2	
263 051535	-126	-65.1	1.73	5.7	2		263 054023	123	-10.5	3.3	5.7	2	
263 051540	-126	-65.1	1.79	5.7	2		263 054027	123	-10.5	3.5	5.7	2	
263 051543	-126	-65.1	1.87	5.7	2		263 054031	123	-10.5	3.8	5.7	2	
263 051548	-126	-65.1	1.94	5.7	2		263 054036	123	-10.5	4.1	5.7	2	
263 051553	-126	-65.1	2.03	5.7	2		263 054041	123	-10.5	4.5	5.7	2	
263 051558	-126	-65.1	2.1	5.7	2		263 054045	123	-10.5	4.9	5.7	2	
263 051601	-126	-65.1	2.3	5.7	2		263 054050	123	-10.5	5.5	5.7	2	
263 051611	-126	-60.1	1.67	5.7	2		263 054054	123	-10.5	7.2	5.7	2	
263 051621	-126	-60.1	1.79	5.7	2		263 054103	123	-5.6	3.5	5.7	2	
263 051624	-126	-60.1	1.87	5.7	2		263 054109	123	-5.6	4.1	5.7	2	
263 051629	-126	-60.1	1.94	5.7	2		263 054114	123	-5.6	4.5	5.7	2	
263 051634	-126	-60.1	2.03	5.7	2		263 054118	123	-5.6	4.9	5.7	2	
263 051639	-126	-60.1	2.1	5.7	2		263 054122	123	-5.6	5.5	5.7	2	
263 051642	-126	-60.1	2.2	5.7	2		263 054127	123	-5.6	6.2	5.7	2	
263 051647	-126	-60.1	2.3	5.7	2		263 054132	123	-5.6	7.2	5.7	2	
263 051652	-126	-60.1	2.6	5.7	2		263 054137	123	-5.6	8.6	5.7	2	
263 051700	-126	-55.2	1.87	5.7	2		263 054140	123	-5.6	13.5	5.7	2	
263 051708	-126	-55.2	2.03	5.7	2		263 054150	123	-0.7	4.5	5.7	2	
263 051712	-126	-55.2	2.1	5.7	2		263 054156	123	-0.7	5.5	5.7	2	
263 051716	-126	-55.2	2.2	5.7	2		263 054201	123	-0.7	6.2	5.7	2	
263 051721	-126	-55.2	2.3	5.7	2		263 054204	123	-0.7	7.2	5.7	2	
263 051726	-126	-55.2	2.5	5.7	2		263 054209	123	-0.7	8.6	5.7	2	
263 051729	-126	-55.2	2.6	5.7	2		263 054214	123	-0.7	10.5	5.7	2	
263 051734	-126	-55.2	2.7	5.7	2		263 054219	123	-0.7	13.5	5.7	2	
263 051739	-126	-55.2	3.1	5.7	2		263 054222	123	-0.7	18	5.7	2	
263 051747	-126	-50.2	2.03	5.7	2		263 054227	123	-0.7	75	5.7	2	
263 051755	-126	-50.2	2.2	5.7	2		263 054236	123	4.3	6.2	5.7	2	
263 051759	-126	-50.2	2.3	5.7	2		263 054506	123	-0.7	13.5	5.7	2	
263 051803	-126	-50.2	2.5	5.7	2		263 054527	123	-0.7	18	5.7	2	
263 051808	-126	-50.2	2.6	5.7	2		263 054545	123	-0.7	29	5.7	2	
263 051813	-126	-50.2	2.7	5.7	2		263 054604	123	-0.7	75	5.7	2	
263 051816	-126	-50.2	2.9	5.7	2		263 054640	123	-0.7	196	5.7	2	
263 051821	-126	-50.2	3.1	5.7	2		263 054855	108	-25.3	2.9	5.7	2	
263 051826	-126	-50.2	3.5	5.7	2		263 054941	108	-20.3	2.9	5.7	2	
263 051834	-126	-45.3	2.3	5.7	2		263 055016	108	-20.3	3.3	5.7	2	
263 051843	-126	-45.3	2.6	5.7	2		263 055021	108	-20.3	3.5	5.7	2	
263 051848	-126	-45.3	2.7	5.7	2		263 055024	108	-20.3	3.8	5.7	2	
263 051852	-126	-45.3	2.9	5.7	2		263 055029	108	-20.3	4.1	5.7	2	
263 051857	-126	-45.3	3.1	5.7	2		263 055034	108	-20.3	4.5	5.7	2	
263 051901	-126	-45.3	3.3	5.7	2		263 055039	108	-20.3	4.9	5.7	2	
263 051906	-126	-45.3	3.5	5.7	2		263 055042	108	-20.3	5.5	5.7	2	
263 051911	-126	-45.3	3.8	5.7	2		263 055047	108	-20.3	7.2	5.7	2	
263 051915	-126	-45.3	4.5	8.2	2		263 055056	108	-15.3	3.3	5.7	2	
263 051924	-126	-40.3	2.7	5.7	2		263 055105	108	-15.3	3.8	5.7	2	
263 052554	-126	-40.3	3.1	5.7	2		263 055109	108	-15.3	4.1	5.7	2	
263 052559	-126	-40.3	3.3	5.7	2		263 055114	108	-15.3	4.5	5.7	2	
263 052604	-126	-40.3	3.5	5.7	2		263 055118	108	-15.3	4.9	5.7	2	
263 052609	-126	-40.3	3.8	5.7	2		263 055122	108	-15.3	5.5	5.7	2	
263 052612	-126	-40.3	4.1	5.7	2		263 055332	108	-15.3	2.7	5.7	2	
263 052617	-126	-40.3	4.5	5.7	2		263 055434	108	-15.3	2.5	5.7	2	
263 052622	-126	-40.3	4.9	5.7	2		263 055456	108	-15.3	2.7	5.7	2	
263 052627	-126	-40.3	6.2	5.7	2		263 055501	108	-15.3	2.9	5.7	2	
263 052635	-126	-35.3	3.3	5.7	2		263 055506	108	-15.3	3.1	5.7	2	
263 052704	-126	-35.3	2.9	5.7	2		263 055510	108	-15.3	3.3	5.7	2	
263 052722	-126	-35.3	3.3	5.7	2		263 055515	108	-15.3	3.5	5.7	2	
263 052727	-126	-35.3	3.5	5.7	2		263 055519	108	-15.3	3.8	5.7	2	
263 052732	-126	-35.3	3.8	5.7	2		263 055524	108	-15.3	4.1	5.7	2	
263 052737	-126	-35.3	4.1	5.7	2		263 055528	108	-15.3	4.9	5.7	2	
263 052740	-126	-35.3	4.5	5.7	2		263 055536	108	-10.5	2.9	5.7	2	
263 052745	-126	-35.3	4.9	5.7	2		263 055543	108	-10.5	3.3	5.7	2	
263 052750	-126	-35.3	5.5	5.7	2		263 055548	108	-10.5	3.5	5.7	2	
263 052755	-126	-35.3	7.2	5.7	2		263 055553	108	-10.5	3.8	5.7	2	
263 052803	-126	-30.3	3.3	6.4	2		263 055557	108	-10.5	4.1	5.7	2	
263 052813	-126	-30.3	3.8	5.7	2		263 055602	108	-10.5	4.5	5.7	2	
263 052818	-126	-30.3	4.1	5.7	2		263 055606	108	-10.5	4.9	5.7	2	
263 052822	-126	-30.3	4.5	5.7	2		263 055611	108	-10.5	5.5	5.7	2	
263 052827	-126	-30.3	4.9	5.7	2		263 055615	108	-10.5	7.2	5.7	2	
263 052831	-126	-30.3	5.5	5.7	2		263 055624	108	-5.6	3.3	5.7	2	
263 052836	-126	-30.3	6.2	5.7	2		263 063607	108	-10.5	3.1	5.7	2	
263 052841	-126	-30.3	7.2	5.7	2		263 063710	108	-5.6	2.6	5.7	2	
263 052912	-126	-30.3	8.6	5.7	2		263 063753	108	-5.6	2.9	5.7	2	
263 052929	-126	-30.3	10.5	5.7	2		263 063758	108	-5.6	3.1	5.7	2	
263 052947	-126	-30.3	13.5	5.7	2		263 063802	108	-5.6	3.3	5.7	2	
263 053004	-126	-30.3	18	5.7	2		263 063806	108	-5.6	3.5	5.7	2	
263 053023	-126	-30.3	29	5.7	2		263 063811	108	-5.6	3.8	5.7	2	
263 053042	-126	-30.3	75	5.7	2		263 063816	108	-5.6	4.1	5.7	2	
263 053102	-126	-30.3	196	5.7	2		263 063820	108	-5.6	4.5	5.7	2	
263 053543	123	-15.3	2.9	5.7	2		263 063825	108	-5.6	5.5	5.7	2	
263 053744	123	-15.3	2.9	5.7	2		263 063833	108	-0.7	3.1	5.7	2	
263 053826	123	-15.3	3.3	5.7	2		263 063840	108	-0.7	3.5	5.7	2	
263 053831	123	-15.3	3.5	5.7	2		263 063845	108	-0.7	3.8	5.7	2	
263 053836	123	-15.3	3.8	5.7	2		263 063849	108	-0.7	4.1	5.7	2	
263 053839	123	-15.3	4.1	5.7	2		263 063853	108	-0.7	4.5	5.7	2	

TABLE IV - LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE - CONT.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
263 063858	108	-0.7	4.9	4.7	2		264 064154	90	9.3	3.5	6.0	2	
263 063903	108	-0.7	5.5	5.7	2		264 064228	90	9.3	4.1	6.0	2	
263 063907	108	-0.7	6.2	5.7	2		264 064233	90	9.3	4.5	6.0	2	
263 063912	108	-0.7	8.6	5.7	2		264 064236	90	9.3	4.9	6.0	2	
263 063920	108	4.3	3.8	5.7	2		264 064241	90	9.3	5.5	6.0	2	
263 063927	108	4.3	4.5	5.7	2		264 064246	90	9.3	6.2	6.0	2	
263 063932	108	4.3	4.9	5.7	2		264 064251	90	9.3	6.2	6.0	2	
263 063936	108	4.3	5.5	5.7	2		264 064257	90	9.3	7.2	6.0	2	
263 063940	108	4.3	6.2	5.7	2		264 064513	90	9.3	7.2	6.0	2	
263 063945	108	4.3	7.2	5.7	2		264 064532	90	9.3	8.6	6.0	2	
263 063950	108	4.3	8.6	5.7	2		264 064549	90	9.3	10.5	6.0	2	
263 063954	108	4.3	10.5	5.7	2		264 064605	90	9.3	13.5	6.0	2	
263 064029	108	4.3	13.5	5.7	2		264 064623	90	9.3	18	6.0	2	
263 064047	108	4.3	18	5.7	2		264 064746	90	14.4	4.5	6.0	2	
263 064105	108	4.3	29	5.7	2		264 064814	90	14.4	4.9	6.0	2	
263 064128	108	4.3	75	5.7	2		264 064832	90	14.4	5.5	5.9	2	
263 064147	108	4.3	196	5.7	2		264 064850	90	14.4	6.2	6.0	2	
							264 064907	90	14.4	7.2	6.0	2	
							264 064925	90	14.4	8.6	6.0	2	
							264 064943	90	14.4	10.5	6.0	2	
							264 065000	90	14.4	13.5	6.0	2	
							264 065018	90	14.4	18	6.0	2	
							264 065037	90	14.4	29	6.0	2	
							264 065054	90	14.4	75	6.0	2	
							264 065115	90	14.4	196	6.0	2	
							264 065134	90	14.4	196	6.0	2	
							264 065535	72	-25.3	1.61	6.0	2	
							264 065754	72	-25.3	1.73	6.0	2	
							264 065758	72	-25.3	1.79	6.0	2	
							264 065803	72	-25.3	1.87	6.0	2	
							264 065808	72	-25.3	1.94	6.0	2	
							264 065812	72	-25.3	2.03	6.0	2	
							264 065816	72	-25.3	2.1	6.0	2	
							264 065821	72	-25.3	2.2	5.9	2	
							264 065826	72	-25.3	2.5	6.0	2	
							264 065835	72	-20.3	1.67	6.0	2	
							264 070044	72	-20.3	1.73	5.9	2	
							264 070142	72	-20.3	1.79	6.0	2	
							264 070215	72	-20.3	1.94	6.0	2	
							264 070219	72	-20.3	2.03	6.0	2	
							264 070223	72	-20.3	2.1	6.0	2	
							264 070228	72	-20.3	2.2	6.0	2	
							264 070233	72	-20.3	2.3	6.0	2	
							264 070236	72	-20.3	2.5	6.0	2	
							264 070241	72	-20.3	2.6	6.0	2	
							264 070246	72	-20.3	2.9	6.0	2	
							264 070254	72	-15.3	1.94	6.0	2	
							264 070346	72	-15.3	2.1	5.9	2	
							264 070414	72	-15.3	2.3	6.0	2	
							264 070417	72	-15.3	2.5	6.0	2	
							264 070422	72	-15.3	2.6	6.0	2	
							264 070427	72	-15.3	2.7	6.0	2	
							264 070432	72	-15.3	2.9	6.0	2	
							264 070435	72	-15.3	3.1	6.0	2	
							264 070440	72	-15.3	3.3	6.0	2	
							264 070445	72	-15.3	3.8	6.0	2	
							264 070453	72	-10.5	2.3	6.0	2	
							264 070513	72	-10.5	2.6	5.9	2	
							264 070516	72	-10.5	2.7	6.0	2	
							264 070521	72	-10.5	2.9	6.0	2	
							264 070526	72	-10.5	3.1	6.0	2	
							264 070531	72	-10.5	3.3	6.0	2	
							264 070534	72	-10.5	3.5	6.0	2	
							264 070539	72	-10.5	3.8	6.0	2	
							264 070544	72	-10.5	4.5	6.0	2	
							264 070552	72	-5.6	2.7	6.0	2	
							264 070629	72	-5.6	2.5	6.0	2	
							264 070653	72	-5.6	2.7	6.0	2	
							264 070658	72	-5.6	2.9	6.0	2	
							264 070702	72	-5.6	3.1	6.0	2	
							264 070706	72	-5.6	3.3	5.9	2	
							264 070711	72	-5.6	3.5	6.0	2	
							264 070716	72	-5.6	3.8	6.0	2	
							264 070720	72	-5.6	4.1	6.0	2	
							264 070724	72	-5.6	4.9	6.0	2	
							264 070734	72	-0.7	2.7	6.0	2	
							264 070805	72	-0.7	2.5	6.0	2	
							264 070825	72	-0.7	2.7	6.0	2	
							264 070830	72	-0.7	2.9	6.0	2	
							264 070835	72	-0.7	3.1	6.0	2	
							264 070839	72	-0.7	3.3	6.0	2	
							264 070844	72	-0.7	3.5	6.0	2	
							264 070848	72	-0.7	3.8	5.9	2	
							264 070853	72	-0.7	4.1	6.0	2	
							264 070857	72	-0.7	4.9	6.0	2	
							264 070906	72	4.3	2.9	6.0	2	
							264 070930	72	4.3	3.3	6.0	2	
							264 070935	72	4.3	3.5	6.0	2	
							264 070940	72	4.3	3.8	6.0	2	

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ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE IV - LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE - CONT.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
264 070944	72	4.3	4.1	6.0	2		264 080545	54	-25.3	2.3	6.1	2	
264 070949	72	4.3	4.5	6.0	2		264 080550	54	-25.3	2.5	6.1	2	
264 070953	72	4.3	4.9	6.0	2		264 080553	54	-25.3	2.6	6.1	2	
264 070958	72	4.3	5.5	6.0	2		264 080558	54	-25.3	2.7	6.1	2	
264 071002	72	4.3	7.2	6.0	2		264 080603	54	-25.3	3.1	6.1	2	
264 071011	72	9.3	3.5	6.0	2		264 080613	54	-20.3	1.94	6.1	2	
264 071039	72	9.3	3.1	6.0	2		264 080620	54	-20.3	2.1	6.1	2	
264 071101	72	9.3	3.5	6.0	2		264 080623	54	-20.3	2.2	6.1	2	
264 071104	72	9.3	3.8	6.0	2		264 080628	54	-20.3	2.3	6.1	2	
264 071109	72	9.3	4.1	6.0	2		264 080633	54	-20.3	2.5	6.1	2	
264 071114	72	9.3	4.5	6.0	2		264 080638	54	-20.3	2.6	6.1	2	
264 071119	72	9.3	4.9	6.0	2		264 080642	54	-20.3	2.7	6.1	2	
264 071122	72	9.3	5.5	6.0	2		264 080646	54	-20.3	2.9	6.1	2	
264 071127	72	9.3	6.2	6.0	2		264 080651	54	-20.3	3.3	6.1	2	
264 071132	72	9.3	8.6	6.0	2		264 080700	54	-15.3	2.1	6.1	2	
264 071140	72	14.4	3.8	6.0	2		264 080707	54	-15.3	2.3	6.1	2	
264 071157	72	14.4	4.5	6.0	2		264 080712	54	-15.3	2.5	6.1	2	
264 071202	72	14.4	4.9	5.9	2		264 080716	54	-15.3	2.6	6.1	2	
264 071206	72	14.4	5.5	6.0	2		264 080720	54	-15.3	2.7	6.1	2	
264 071211	72	14.4	6.2	6.0	2		264 080725	54	-15.3	2.9	6.1	2	
264 071215	72	14.4	7.2	6.0	2		264 080730	54	-15.3	3.1	6.1	2	
264 071220	72	14.4	8.6	6.0	2		264 080733	54	-15.3	3.3	6.1	2	
264 071224	72	14.4	10.5	6.0	2		264 080738	54	-15.3	3.8	6.1	2	
264 071229	72	14.4	18	6.0	2		264 080748	54	-10.5	2.3	6.1	2	
264 071238	72	19.4	4.5	6.0	2		264 080818	54	-10.5	2.1	6.1	2	
264 071307	72	19.4	5.5	6.0	2		264 080836	54	-10.5	2.3	6.1	2	
264 071312	72	19.4	6.2	6.0	2		264 080841	54	-10.5	2.5	6.1	2	
264 071317	72	19.4	7.2	6.0	2		264 080845	54	-10.5	2.6	6.1	2	
264 071320	72	19.4	8.6	6.0	2		264 080849	54	-10.5	2.7	6.1	2	
264 071325	72	19.4	10.5	6.0	2		264 080854	54	-10.5	2.9	6.1	2	
264 071330	72	19.4	13.5	6.0	2		264 080939	54	-10.5	3.1	6.1	2	
264 071335	72	19.4	18	6.0	2		264 081315	54	-10.5	3.3	6.1	2	
264 071430	72	19.4	29	6.0	2		264 081320	54	-10.5	3.8	6.1	2	
264 071448	72	19.4	75	6.0	2		264 081328	54	-5.6	2.5	6.1	2	
264 071504	72	19.4	196	6.0	2		264 081334	54	-5.6	2.7	6.1	2	
264 071521	72	19.4	196	6.0	2		264 081339	54	-5.6	2.9	6.1	2	
264 071553	72	19.4	196	6.0	2		264 081342	54	-5.6	3.1	6.1	2	
264 071602	72	24.3	7.2	6.0	2		264 081347	54	-5.6	3.3	6.1	2	
264 075007	72	24.3	7.2	6.0	2		264 081352	54	-5.6	3.5	6.1	2	
264 075106	72	24.3	6.2	4.1	2		264 081352	54	-5.6	3.8	6.1	2	
264 075145	72	24.3	8.6	4.1	2		264 081400	54	-5.6	4.1	6.1	2	
264 075149	72	24.3	10.5	4.1	2		264 081405	54	-5.6	4.9	6.1	2	
264 075154	72	24.3	13.5	4.1	2		264 081415	54	-0.7	2.7	6.1	2	
264 075159	72	24.3	18	4.1	2		264 081434	54	-0.7	2.5	6.1	2	
264 075203	72	24.3	29	4.1	2		264 081447	54	-0.7	2.7	6.1	2	
264 075207	72	24.3	75	4.1	2		264 081451	54	-0.7	2.9	6.1	2	
264 075508	72	24.3	196	4.1	2		264 081456	54	-0.7	3.1	6.1	2	
264 075934	54	-45.3	1.46	6.1	2		264 081501	54	-0.7	3.3	6.1	2	
264 080040	54	-45.3	1.46	6.1	2		264 081504	54	-0.7	3.5	6.1	2	
264 080116	54	-45.3	1.58	6.1	2		264 081509	54	-0.7	3.8	6.1	2	
264 080121	54	-45.3	1.61	6.1	2		264 081514	54	-0.7	4.1	6.1	2	
264 080126	54	-45.3	1.67	6.1	2		264 081519	54	-0.7	4.9	6.1	2	
264 080129	54	-45.3	1.73	6.1	2		264 081527	54	4.3	2.9	6.1	2	
264 080134	54	-45.3	1.79	6.1	2		264 081533	54	4.3	3.3	6.1	2	
264 080139	54	-45.3	1.87	6.1	2		264 081537	54	4.3	3.5	6.1	2	
264 080144	54	-45.3	1.94	6.1	2		264 081542	54	4.3	3.8	6.1	2	
264 080147	54	-45.3	2.1	6.1	2		264 081546	54	4.3	4.1	6.1	2	
264 080157	54	-40.3	1.52	6.1	2		264 081551	54	4.3	4.5	6.1	2	
264 080238	54	-40.3	1.61	6.1	2		264 081555	54	4.3	4.9	6.1	2	
264 080257	54	-40.3	1.73	6.1	2		264 081600	54	4.3	5.5	6.1	2	
264 080302	54	-40.3	1.79	6.1	2		264 081605	54	4.3	7.2	6.1	2	
264 080306	54	-40.3	1.87	6.1	2		264 081613	54	9.3	3.5	6.1	2	
264 080311	54	-40.3	1.94	6.1	2		264 081634	54	9.3	3.1	6.1	2	
264 080315	54	-40.3	2.03	6.1	2		264 081647	54	9.3	3.5	6.1	2	
264 080320	54	-40.3	2.1	6.1	2		264 081650	54	9.3	3.8	6.1	2	
264 080324	54	-40.3	2.2	6.1	2		264 081655	54	9.3	4.1	6.1	2	
264 080329	54	-40.3	2.5	6.1	2		264 081700	54	9.3	4.5	6.1	2	
264 080338	54	-35.3	1.67	6.1	2		264 081705	54	9.3	4.9	6.1	2	
264 080349	54	-35.3	1.79	6.1	2		264 081708	54	9.3	5.5	6.1	2	
264 080353	54	-35.3	1.87	6.1	2		264 081713	54	9.3	6.2	6.1	2	
264 080358	54	-35.3	1.94	6.1	2		264 081718	54	9.3	8.6	6.1	2	
264 080402	54	-35.3	2.03	6.1	2		264 081727	54	14.4	3.8	6.1	2	
264 080407	54	-35.3	2.1	6.1	2		264 081734	54	14.4	4.5	6.1	2	
264 080411	54	-35.3	2.2	6.1	2		264 081737	54	14.4	4.9	6.1	2	
264 080416	54	-35.3	2.3	6.1	2		264 081742	54	14.4	5.5	6.1	2	
264 080421	54	-35.3	2.6	6.1	2		264 081747	54	14.4	6.2	6.1	2	
264 080430	54	-30.3	1.73	6.1	2		264 081752	54	14.4	7.2	6.1	2	
264 080437	54	-30.3	1.87	6.1	2		264 081755	54	14.4	8.6	6.1	2	
264 080441	54	-30.3	1.94	6.1	2		264 081800	54	14.4	10.5	6.1	2	
264 080446	54	-30.3	2.03	6.1	2		264 081805	54	14.4	18	6.1	2	
264 080451	54	-30.3	2.1	6.1	2		264 081814	54	19.4	4.5	6.1	2	
264 080456	54	-30.3	2.2	6.1	2		264 081836	54	19.4	3.5	6.1	2	
264 080500	54	-30.3	2.3	6.1	2	BAD ID, GMT EST	264 081851	54	19.4	4.1	6.1	2	
264 080504	54	-30.3	2.5	6.1	2		264 081856	54	19.4	4.5	6.1	2	
264 080509	54	-30.3	2.7	6.1	2		264 081859	54	19.4	4.9	6.1	2	
264 080517	54	-25.3	1.87	6.1	2		264 081904	54	19.4	5.5	6.1	2	
264 080532	54	-25.3	2.03	6.1	2		264 081909	54	19.4	6.2	6.1	2	
264 080536	54	-25.3	2.1	6.1	2		264 081914	54	19.4	7.2	6.1	2	
264 080540	54	-25.3	2.2	6.1	2		264 081917	54	19.4	8.6	6.1	2	

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE IV - LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE - CONT.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
264 081922	54	19.4	13.5	6.1	2		264 084210	36	-20.3	1.94	6.1	2	
264 081931	54	19.4	4.5	6.1	2		264 084240	36	-20.3	1.79	6.1	2	
264 082049	54	19.4	10.5	6.1	2		264 084255	36	-20.3	1.94	6.1	2	
264 082126	54	24.3	4.5	4.1	2		264 084300	36	-20.3	2.03	6.1	2	
264 082147	54	24.3	5.5	4.1	2		264 084303	36	-20.3	2.1	6.1	2	
264 082150	54	24.3	6.2	4.1	2		264 084308	36	-20.3	2.2	6.1	2	
264 082155	54	24.3	7.2	4.1	2		264 084313	36	-20.3	2.3	6.1	2	
264 082200	54	24.3	8.6	4.1	2		264 084317	36	-20.3	2.5	6.1	2	
264 082205	54	24.3	10.5	4.1	2		264 084321	36	-20.3	2.6	6.1	2	
264 082209	54	24.3	13.5	4.1	2		264 084326	36	-20.3	2.9	6.1	2	
264 082240	54	24.3	18	4.1	2		264 084335	36	-15.3	1.94	6.1	2	
264 082248	54	24.3	29	4.1	2		264 084353	36	-15.3	2.1	6.1	2	
264 082257	54	24.3	75	4.1	2		264 084358	36	-15.3	2.2	6.1	2	
264 082305	54	24.3	196	4.1	2		264 084402	36	-15.3	2.3	6.1	2	
264 082413	54	29.2	10.5	4.1	2		264 084407	36	-15.3	2.5	6.1	2	
264 082433	54	29.2	13.5	4.1	2		264 084411	36	-15.3	2.6	6.1	2	
264 082440	54	29.2	18	4.1	2		264 084416	36	-15.3	2.7	6.1	2	
264 082449	54	29.2	29	4.1	2		264 084420	36	-15.3	2.9	6.1	2	
264 082455	54	29.2	75	4.1	2		264 084425	36	-15.3	3.3	6.1	2	
264 082502	54	29.2	196	4.1	2		264 084434	36	-10.5	2.1	6.1	2	
264 082751	36	-65.1	1.33	6.1	2		264 084440	36	-10.5	2.3	6.1	2	
264 082811	36	-65.1	1.33	6.1	2		264 084445	36	-10.5	2.5	6.1	2	
264 082907	36	-55.2	1.33	6.1	2		264 084448	36	-10.5	2.6	6.1	2	
264 082950	36	-55.2	1.33	6.1	2		264 084453	36	-10.5	2.7	6.1	2	
264 083057	36	-55.2	1.40	9.2	2		264 084458	36	-10.5	2.9	6.1	2	
264 083136	36	-55.2	1.43	6.1	2		264 084503	36	-10.5	3.1	6.1	2	
264 083213	36	-55.2	1.46	6.1	2		264 084506	36	-10.5	3.3	6.1	2	
264 083217	36	-55.2	1.58	6.1	2		264 084511	36	-10.5	3.8	6.1	2	
264 083222	36	-55.2	1.61	6.1	2		264 084519	36	-5.6	2.5	6.1	2	
264 083226	36	-55.2	1.67	6.1	2		264 084525	36	-5.6	2.7	6.1	2	
264 083231	36	-55.2	1.73	6.1	2		264 084530	36	-5.6	2.9	6.1	2	
264 083235	36	-55.2	1.79	6.1	2		264 084535	36	-5.6	3.1	6.1	2	
264 083240	36	-55.2	1.87	6.1	2		264 084539	36	-5.6	3.3	6.1	2	
264 083244	36	-55.2	2.03	6.1	2		264 084543	36	-5.6	3.5	6.1	2	
264 083255	36	-50.2	1.43	6.1	2		264 084548	36	-5.6	3.8	6.1	2	
264 083301	36	-50.2	1.52	6.1	2		264 084553	36	-5.6	4.1	6.1	2	
264 083304	36	-50.2	1.58	6.1	2		264 084557	36	-5.6	4.9	6.1	2	
264 083309	36	-50.2	1.61	6.1	2		264 084606	36	-5.6	1.94	6.1	2	
264 083314	36	-50.2	1.67	6.1	2		264 084715	36	-5.6	2.1	6.1	2	
264 083319	36	-50.2	1.73	6.1	2		264 084737	36	-5.6	2.3	6.1	2	
264 083322	36	-50.2	1.79	6.1	2		264 084742	36	-5.6	2.5	6.1	2	
264 083327	36	-50.2	1.87	6.1	2		264 084745	36	-5.6	2.6	6.1	2	
264 083332	36	-50.2	2.03	6.1	2		264 084750	36	-5.6	2.7	6.1	2	
264 083342	36	-45.3	1.46	6.1	2		264 084755	36	-5.6	2.9	6.1	2	
264 083409	36	-45.3	1.58	6.1	2		264 084800	36	-5.6	3.1	6.1	2	
264 083414	36	-45.3	1.61	6.1	2		264 084803	36	-5.6	3.3	6.1	2	
264 083418	36	-45.3	1.67	6.1	2		264 084808	36	-5.6	3.8	6.1	2	
264 083423	36	-45.3	1.73	6.1	2		264 084818	36	-0.7	2.3	6.1	2	
264 083427	36	-45.3	1.79	6.1	2		264 084839	36	-0.7	2.1	6.1	2	
264 083432	36	-45.3	1.87	6.1	2		264 090301	36	-0.7	2.1	6.1	2	
264 083436	36	-45.3	1.94	6.1	2		264 090312	36	-0.7	2.1	6.1	2	
264 083441	36	-45.3	2.1	6.1	2		264 090346	36	-0.7	2.3	6.1	2	
264 083450	36	-40.3	1.58	6.1	2		264 090351	36	-0.7	2.5	6.1	2	
264 083522	36	-40.3	1.67	6.1	2		264 090355	36	-0.7	2.6	6.1	2	
264 083543	36	-40.3	1.73	6.1	2		264 090359	36	-0.7	2.7	6.1	2	
264 083548	36	-40.3	1.79	6.1	2		264 090404	36	-0.7	2.9	6.1	2	
264 083553	36	-40.3	1.87	6.1	2		264 090409	36	-0.7	3.1	6.1	2	
264 083557	36	-40.3	1.94	6.1	2		264 090414	36	-0.7	3.3	6.1	2	
264 083602	36	-40.3	2.03	6.1	2		264 090417	36	-0.7	3.8	6.1	2	
264 083606	36	-40.3	2.1	6.1	2		264 090426	36	4.3	2.5	6.1	2	
264 083611	36	-40.3	2.2	6.1	2		264 090516	36	4.3	2.7	6.1	2	
264 083615	36	-40.3	2.5	6.1	2		264 090546	36	4.3	3.1	6.1	2	
264 083624	36	-35.3	1.67	6.1	2		264 090551	36	4.3	3.3	6.1	2	
264 083632	36	-35.3	1.79	6.1	2		264 090556	36	4.3	3.5	6.1	2	
264 083635	36	-35.3	1.87	6.1	2		264 090600	36	4.3	3.8	6.1	2	
264 083640	36	-35.3	1.94	6.1	2		264 090604	36	4.3	4.1	6.1	2	
264 083645	36	-35.3	2.03	6.1	2		264 090609	36	4.3	4.5	6.1	2	
264 083650	36	-35.3	2.1	6.1	2		264 090614	36	4.3	4.9	6.1	2	
264 083653	36	-35.3	2.2	6.1	2		264 090618	36	4.3	6.2	6.1	2	
264 083658	36	-35.3	2.3	6.1	2		264 090626	36	9.3	3.3	6.1	2	
264 083703	36	-35.3	2.6	6.1	2		264 090704	36	9.3	3.1	6.1	2	
264 083713	36	-30.3	1.73	6.1	2		264 090724	36	9.3	2.9	6.1	2	
264 083719	36	-30.3	1.87	6.1	2		264 090741	36	9.3	3.3	6.1	2	
264 083722	36	-30.3	1.94	6.1	2		264 090745	36	9.3	3.5	6.1	2	
264 083727	36	-30.3	2.03	6.1	2		264 090749	36	9.3	3.8	6.1	2	
264 083732	36	-30.3	2.1	6.1	2		264 090754	36	9.3	4.1	6.1	2	
264 083737	36	-30.3	2.2	6.1	2		264 090759	36	9.3	4.5	6.1	2	
264 083740	36	-30.3	2.3	6.1	2		264 090803	36	9.3	4.9	6.1	2	
264 083745	36	-30.3	2.5	6.1	2		264 090807	36	9.3	5.5	6.1	2	
264 083750	36	-30.3	2.7	6.1	2		264 090812	36	9.3	7.2	6.1	2	
264 083758	36	-25.3	1.87	6.1	2		264 090821	36	14.4	3.5	6.1	2	
264 084129	36	-25.3	2.03	6.1	2		264 090840	36	14.4	3.1	6.1	2	
264 084134	36	-25.3	2.1	6.1	2		264 090859	36	14.4	3.5	6.1	2	
264 084139	36	-25.3	2.2	6.1	2		264 090904	36	14.4	3.8	6.1	2	
264 084143	36	-25.3	2.3	6.1	2		264 090909	36	14.4	4.1	6.1	2	
264 084147	36	-25.3	2.5	6.1	2		264 090913	36	14.4	4.5	6.1	2	
264 084152	36	-25.3	2.6	6.1	2		264 090917	36	14.4	4.9	6.1	2	
264 084157	36	-25.3	2.7	6.1	2		264 090922	36	14.4	5.5	6.1	2	
264 084201	36	-25.3	3.1	6.1	2		264 090927	36	14.4	6.2	6.1	2	

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE IV - LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE - CONT.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
EARTH SHINE													
267 142942	18	9.3	4.1	4.1	1		264 175808	-54	-5.6	2.9	23.6	1	
267 142952	18	9.3	4.1	4.1	1		264 175929	-72	-5.6	2.9	23.6	1	
267 143151	51	9.3	4.1	4.1	1		264 180116	-54	-25.3	3.1	8.2	2	
267 143203	51	9.3	4.1	4.1	1		264 180124	-54	-25.3	3.1	8.2	2	
267 143222	51	-5.6	4.1	4.1	1		264 180225	-48	-25.3	2.9	8.2	2	
267 143233	51	-5.6	4.1	4.1	1		264 180231	-48	-25.3	2.9	8.2	2	
267 143819	51	-5.6	4.1	4.1	1		264 180324	-42	-25.3	2.7	8.2	2	
267 143824	51	-5.6	4.1	4.1	1		264 180330	-42	-25.3	2.7	8.2	2	
267 144943	51	-5.6	196	4.4	1		264 180427	-39	-30.3	2.5	8.2	2	
267 144949	51	-5.6	4.1	4.1	1		264 180433	-39	-30.3	2.5	8.2	2	
267 145040	75	-55.2	4.1	25.4	5		264 180519	-45	-30.3	2.6	8.2	2	
267 145050	75	-55.2	4.1	4.1	1		264 180525	-45	-30.3	2.6	8.2	2	
267 150113	75	-55.2	4.1	4.1	1		264 180625	-51	-30.3	2.7	8.2	2	
267 150120	-15	-55.2	4.1	4.1	1		264 180631	-51	-30.3	2.7	8.2	2	
267 150213	-21	-50.2	3.8	4.1	1		264 180741	-48	-35.3	2.5	8.2	2	
267 150218	-15	-55.2	4.1	4.1	1		264 180747	-48	-35.3	2.5	8.2	2	
267 150258	-15	-55.2	4.1	4.1	1		264 180838	-42	-35.3	2.3	8.2	2	
267 150303	-15	-55.2	4.1	4.1	1		264 180844	-42	-35.3	2.3	8.2	2	
267 150352	-15	-55.2	4.1	4.1	2		264 180930	-36	-35.3	2.5	8.2	2	
267 150358	-15	-55.2	196	4.1	5		264 180936	-36	-35.3	2.5	8.2	2	
267 150438	-15	-55.2	4.1	4.1	1		264 181125	-57	-60.1	1.87	4.1	1	
267 150443	-15	-55.2	196	4.3	1		SHADOW PROGRESSION D						
267 150509	-15	-55.2	4.1	4.1	1		265 021021	-57	-60.1	1.87	4.1	1	
267 150515	-15	-55.2	4.1	4.1	1		265 021145	-60	-60.1	1.73	8.6	2	
267 150544	-15	-55.2	4.1	4.1	1		265 021150	-60	-60.1	1.73	8.6	2	
267 150550	-15	-55.2	4.1	4.1	1		265 021409	-36	-40.3	2.9	20.3	1	
SHADOW PROGRESSION A													
264 094939	-36	-35.3	2.9	23.6	1		265 021453	-54	-40.3	2.9	23.6	1	
264 094951	-36	-35.3	2.9	23.5	1		265 021528	-72	-35.3	2.9	23.7	1	
264 095309	-36	-35.3	2.9	23.6	1		265 021603	-72	-25.3	2.9	23.6	1	
264 095408	-54	-35.3	2.9	23.6	1		265 021637	-54	-20.3	2.9	23.6	1	
264 095428	-72	-35.3	2.9	23.6	1		265 021718	-36	-20.3	2.9	23.6	1	
264 095447	-72	-20.3	2.9	23.6	1		265 021808	-54	-10.5	2.9	23.6	1	
264 095509	-54	-20.3	2.9	23.6	1		265 021849	-72	-5.6	2.9	23.6	1	
264 095531	-36	-20.3	2.9	23.6	1		265 022046	-54	-25.3	3.1	8.2	2	
264 095602	-54	-5.6	2.9	23.6	1		265 022051	-54	-25.3	3.1	8.2	2	
264 095625	-72	-5.6	2.9	23.6	1		265 022150	-48	-25.3	1.30	8.2	3	
264 095742	-51	-30.3	2.9	8.1	2		265 022154	-48	-25.3	2.9	8.2	2	
264 095812	-51	-30.3	2.9	8.1	2		265 022235	-42	-25.3	2.7	8.2	2	
264 095834	-48	-30.3	2.9	8.1	2		265 022240	-42	-25.3	2.7	8.2	2	
264 095839	-45	-30.3	2.9	8.1	2		265 022334	-39	-35.3	2.5	8.2	2	
264 095904	-39	-30.3	2.6	8.1	2		265 022339	-39	-35.3	2.5	8.2	2	
264 095910	-39	-30.3	2.6	8.1	2		265 022424	-45	-30.3	2.6	8.2	2	
264 095940	-42	-35.3	2.2	8.1	2		265 022430	-45	-35.3	2.6	8.2	2	
264 095945	-42	-35.3	2.2	8.1	2		265 022513	-51	-30.3	2.7	8.2	3	
264 100010	-48	-35.3	2.5	8.1	2		265 022519	-51	-35.3	2.7	8.2	2	
264 100015	-48	-35.3	2.5	8.1	2		265 022607	-48	-35.3	2.5	8.2	2	
264 100117	-48	-35.3	2.5	8.2	2		265 022612	-48	-35.3	2.5	8.2	2	
264 100240	-48	-35.3	2.5	8.1	2		265 022651	-42	-35.3	2.3	8.2	2	
264 100246	-48	-35.3	2.5	8.1	2		265 022657	-42	-35.3	2.3	8.2	2	
264 102339	-48	-35.3	2.5	8.1	2		265 022739	-36	-35.3	2.5	8.2	2	
264 102409	-36	-35.3	2.5	8.1	2		SHADOW PROGRESSION E						
264 102419	-36	-35.3	2.5	8.1	2		265 093624	-60	-60.1	1.73	23.6	2	
264 102454	-36	-35.3	2.5	8.1	2		265 093721	-60	-60.1	1.73	23.6	1	
264 102504	-36	-35.3	2.5	8.1	2		265 093758	-60	-60.1	1.73	23.6	1	
SHADOW PROGRESSION B													
264 132357	-60	-60.1	1.87	25.4	1		265 093917	-66	24.3	3.5	23.6	1	
264 132531	-60	-60.1	1.87	23.6	1		265 093945	-66	-20.3	3.5	23.6	1	
264 132543	-60	-60.1	1.87	23.6	1		265 094012	-72	-5.6	3.5	23.3	1	
264 132747	-57	-60.1	1.87	4.1	1		265 094037	-51	4.3	3.5	23.9	1	
264 132758	-57	-60.1	1.87	4.1	1		265 094208	-51	4.3	18	8.2	2	
SHADOW PROGRESSION C													
264 174553	-57	-60.1	1.87	4.1	1		265 094214	-51	4.3	18	8.2	2	
264 174816	-60	-60.1	1.73	8.6	1		265 094249	-57	4.3	75	8.2	2	
264 174823	-60	-60.1	1.73	8.6	1		265 094255	-57	4.3	75	8.2	2	
264 174928	-60	-60.1	1.73	8.6	1		265 094321	-66	-0.7	75	8.2	2	
264 175228	-36	-35.3	2.9	25.4	1		265 094327	-66	-0.7	75	8.2	2	
264 175338	-54	-35.3	2.9	23.6	1		265 094402	-60	-0.7	18	8.2	2	
264 175423	-72	-35.3	2.9	23.6	1		265 094408	-60	-0.7	18	8.2	2	
264 175510	-72	-20.3	2.9	23.6	1		265 094446	-54	-0.7	7.2	8.2	2	
264 175546	-54	-20.3	2.9	23.6	1		265 094452	-54	-0.7	7.2	8.2	2	
264 175720	-36	-20.3	2.9	23.6	1		265 094531	-51	-5.6	4.5	8.2	2	
							265 094535	-51	-5.6	4.5	8.2	2	
							265 094602	-57	-5.6	4.9	8.2	2	
							265 094608	-57	-5.6	4.9	8.2	2	
							265 094643	-63	-5.6	8.6	8.2	2	
							265 094649	-63	-5.6	10.5	8.2	2	
							265 094715	-69	-5.6	18	8.2	2	
							265 094722	-69	-5.6	18	8.2	2	
							265 094749	-66	-10.5	10.5	8.2	2	
							265 094755	-66	-10.5	10.5	8.2	2	
							265 095126	-63	-10.5	6.2	8.1	2	
							265 095132	-60	-10.5	7.2	8.2	2	

TABLE IV - LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE - CONT.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
SHADOW PROGRESSION L							266 022123	-45	-10.5	4.5	8.1	2	
266 003117	-60	-45.3	1.79	11.5	1		266 022129	-45	-10.5	4.5	8.1	2	
266 003247	-60	-60.1	1.27	11.5	1		266 022140	-42	-15.3	13.5	8.1	2	
266 003400	-60	-60.1	1.67	23.6	1		266 022146	-42	-15.3	3.5	8.1	2	
266 003542	-60	-60.1	1.67	23.6	1		266 022153	-48	-15.3	3.8	8.1	2	
266 011818	-60	-60.1	1.67	23.5	1		266 022159	-48	-15.3	4.1	8.1	2	
266 011852	-48	-20.3	3.5	23.5	1		266 022207	-57	-15.3	3.8	8.0	2	
266 011900	-66	-20.3	3.5	23.5	1		266 022212	-54	-15.3	4.1	8.1	2	
266 011909	-69	-5.6	3.5	23.5	1		266 022222	-60	-15.3	4.9	8.1	2	
266 011917	-51	-5.6	3.5	23.5	1		266 022228	-60	-15.3	4.9	8.1	2	
266 011951	-51	4.3	18	8.1	2		266 022238	-57	-20.3	3.8	8.1	2	
266 011957	-51	4.3	18	8.1	2		266 022243	-57	-20.3	3.8	8.1	2	
266 012008	-57	4.3	75	8.1	2		266 022250	-51	-20.3	3.8	8.1	2	
266 012014	-57	4.3	75	8.1	2		266 022255	-51	-20.3	3.8	8.1	2	
266 012021	-66	-0.7	75	8.1	2		266 022303	-45	-20.3	3.5	8.1	2	
266 012026	-66	-0.7	75	8.1	2		266 022309	-45	-20.3	3.5	8.1	2	
266 012038	-60	-0.7	18	8.1	2		266 022343	-57	-60.1	1.67	8.1	2	
266 012043	-60	-0.7	18	8.1	2		266 022349	-57	-60.1	1.67	8.1	2	
266 012056	-54	-0.7	7.2	8.1	2		266 022409	-57	-60.1	1.67	23.5	1	
266 012101	-54	-0.7	7.2	8.1	2		SHADOW PROGRESSION N						
266 012114	-51	-5.6	4.5	8.1	2		266 031339	-57	-60.1	1.67	23.4	1	
266 012119	-51	-5.6	4.5	8.1	2		266 031410	-45	-20.3	3.5	23.4	1	
266 012127	-57	-5.6	4.9	8.1	2		266 031520	-48	-20.3	3.5	23.4	1	
266 012133	-57	-5.6	4.9	8.1	2		266 031601	-63	-20.3	3.5	23.4	1	
266 012146	-63	-5.6	10.5	8.1	2		266 031609	-66	-5.6	3.5	23.5	1	
266 012152	-63	-5.6	10.5	8.1	2		266 031857	-66	-20.3	3.5	23.5	1	
266 012202	-69	-5.6	18	8.1	2		266 032029	-69	-5.6	3.5	23.5	1	
266 012207	-69	-5.6	18	8.1	2		266 032107	-51	-5.6	3.5	23.5	1	
266 012216	-66	-10.5	10.5	8.1	2		266 032535	-57	4.3	75	8.1	2	
266 012222	-66	-10.5	10.5	8.1	2		266 032540	-57	4.3	75	8.1	2	
266 012232	-60	-10.5	7.2	8.1	2		266 032614	-66	-0.7	75	8.1	2	
266 012236	-60	-10.5	7.2	8.1	2		266 032619	-66	-0.7	75	8.1	2	
266 012248	-54	-10.5	4.9	8.1	2		266 032700	-66	-0.7	18	8.1	2	
266 012253	-54	-10.5	4.9	8.1	2		266 032704	-60	-0.7	18	8.1	2	
266 012302	-48	-10.5	4.5	8.1	2		266 032746	-54	-0.7	7.2	8.1	2	
266 012308	-48	-10.5	4.5	8.1	2		266 032751	-54	-0.7	7.2	8.1	2	
266 012318	-45	-15.3	3.5	8.1	2		266 032837	-51	-5.6	4.5	8.1	2	
266 012323	-45	-15.3	3.5	8.1	2		266 032841	-51	-5.6	4.5	8.1	2	
266 012331	-51	-15.3	3.8	8.1	2		266 032916	-57	-5.6	4.9	8.1	2	
266 012337	-51	-15.3	3.8	8.1	2		266 032921	-57	-5.6	4.9	8.1	2	
266 012345	-57	-15.3	4.1	8.2	2		266 033009	-63	-5.6	10.5	8.1	2	
266 012351	-57	-15.3	4.1	8.1	2		266 033015	-63	-5.6	10.5	8.1	2	
266 012400	-63	-15.3	4.9	8.1	2		266 033053	-69	-5.6	18	8.1	2	
266 012405	-63	-15.3	4.9	8.1	2		266 033058	-69	-5.6	18	8.1	2	
266 012417	-60	-20.3	3.8	8.1	2		266 033146	-66	-10.5	10.5	8.1	2	
266 012422	-60	-20.3	3.8	8.1	2		266 033150	-66	-10.5	10.5	8.1	2	
266 012429	-54	-20.3	3.8	8.1	2		266 033226	-60	-10.5	7.2	8.1	2	
266 012434	-54	-20.3	3.8	8.1	2		266 033232	-60	-10.5	7.2	8.1	2	
266 012442	-48	-20.3	3.5	8.1	2		266 033309	-54	-10.5	4.9	8.1	2	
266 012448	-48	-20.3	3.5	8.1	2		266 033314	-54	-10.5	4.9	8.1	2	
266 012522	-60	-60.1	1.67	8.1	2		266 033345	-48	-10.5	4.5	8.1	2	
266 012528	-60	-60.1	1.67	8.1	2		266 033351	-48	-10.5	4.5	8.1	2	
266 012548	-60	-60.1	1.67	23.5	1		266 033435	-45	-15.3	3.5	8.1	2	
SHADOW PROGRESSION M							266 033443	-45	-15.3	3.5	8.1	2	
266 021642	-57	-60.1	1.67	23.5	1		266 033514	-51	-15.3	3.8	8.1	2	
266 021714	-45	-20.3	3.5	23.5	1		266 033520	-51	-15.3	3.8	8.1	2	
266 021723	-63	-20.3	3.5	23.5	1		266 033551	-57	-15.3	4.1	8.1	2	
266 021730	-66	-5.6	3.5	23.4	1		266 033556	-57	-15.3	4.1	8.1	2	
266 021738	-48	-5.6	3.5	23.4	1		266 033633	-63	-15.3	4.9	8.1	2	
266 021813	-48	4.3	18	8.1	2		266 033639	-63	-15.3	4.9	8.1	2	
266 021819	-48	4.3	18	8.1	2		266 033717	-60	-20.3	3.8	8.1	2	
266 021829	-54	4.3	75	8.1	2		266 033723	-60	-20.3	3.8	8.1	2	
266 021835	-54	4.3	75	8.1	2		266 033748	-54	-20.3	3.8	8.1	2	
266 021843	-63	-0.7	75	8.1	2		266 033754	-54	-20.3	3.8	8.1	2	
266 021849	-63	-0.7	75	8.1	2		266 033835	-48	-20.3	3.5	8.1	2	
266 021859	-57	-0.7	18	8.1	2		266 033841	-48	-20.3	3.5	8.1	2	
266 021904	-57	-0.7	18	8.1	2		266 033955	-60	-60.1	1.67	8.1	2	
266 021917	-51	-0.7	7.2	8.1	2		266 034000	-60	-60.1	1.67	8.1	2	
266 021923	-51	-0.7	7.2	8.1	2		266 034051	-60	-60.1	1.67	23.5	1	
266 021935	-48	-5.6	4.5	8.1	2		SHADOW PROGRESSION P						
266 021941	-48	-5.6	4.5	8.1	2		266 040249	-60	-45.3	196	25.4	5	
266 021948	-54	-5.6	4.9	8.1	2		266 040328	-60	-60.1	196	17.5	5	
266 021954	-54	-5.6	4.9	8.1	2		266 041925	-60	-60.1	1.67	23.4	1	
266 022014	-60	-5.6	10.5	8.1	2		266 042017	-48	-20.3	3.5	23.4	1	
266 022023	-66	-5.6	18	8.1	2		266 042026	-66	-20.3	3.5	23.4	1	
266 022039	-63	-10.5	10.5	8.1	2		266 042034	-69	-5.6	3.5	23.4	1	
266 022043	-63	-10.5	10.5	8.1	2		266 042043	-69	-5.6	3.5	23.4	1	
266 022053	-57	-10.5	7.2	8.1	2		266 042118	-51	4.3	18	8.1	2	
266 022059	-57	-10.5	7.2	8.1	2		266 042123	-51	4.3	18	8.1	2	
266 022110	-51	-10.5	4.9	8.1	2		266 042135	-57	4.3	75	8.1	2	
266 022115	-51	-10.5	4.9	8.1	2		266 042140	-57	4.3	75	8.1	2	

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE IV -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE -- CONT.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
289 055831	90	-35.3	8.6	23.5	1		290 042110	144	29.2	196	25.4	5	
289 055842	90	-35.3	8.6	23.5	1		290 043502	120	-20.3	1.67	16.9	1	
289 055947	90	-35.3	8.6	23.6	1		290 043507	120	-20.3	1.67	17.0	1	
289 055958	90	-35.3	8.6	23.6	1		290 043734	120	29.2	1.58	16.7	1	
289 060009	90	-35.3	8.6	23.6	1		290 043807	126	-20.3	1.58	17.0	1	
289 060019	90	-35.3	8.6	23.5	1		290 044023	126	-20.3	1.58	17.0	1	
289 060105	90	-35.3	8.6	16.4	1		290 044117	126	-15.3	1.58	16.9	1	
289 060128	90	-35.3	8.6	11.5	1		290 044208	123	-20.3	1.79	16.9	1	
289 060150	90	-35.3	8.6	8.1	1		290 044253	126	-20.3	1.79	16.9	1	
289 060443	90	-35.3	8.6	11.8	2		290 044323	126	-15.3	1.79	17.0	1	
289 060526	90	-35.3	8.6	16.9	2		290 044617	96	-20.3	1.79	17.0	1	
289 060644	90	-35.3	8.6	23.5	1		290 044752	126	-20.3	1.79	17.0	1	
289 060805	-60	-60.1	8.6	23.5	1		290 044904	111	-20.3	1.79	10.4	1	
289 061002	-60	-60.1	8.6	23.5	1		290 045003	126	-20.3	1.79	17.0	1	
289 061240	-60	-60.1	8.6	23.5	1		290 045512	126	-20.3	8.6	17.0	1	
289 061345	-60	-60.1	8.6	23.5	1		290 051845	-201	29.2	0.96	3.9	1	
289 061406	-60	-60.1	8.6	23.6	1		290 051855	123	-20.3	8.6	9.1	1	
289 061427	-60	-60.1	8.6	23.5	1		290 052030	-201	29.2	0.96	3.9	1	
289 061554	-60	-60.1	1.73	23.5	1		290 052238	-18	-20.3	1.52	8.4	1	
289 061615	-60	-60.1	1.73	23.5	1		290 052846	126	29.2	1.52	23.6	1	
289 061636	-60	-60.1	1.73	23.5	1		290 053133	-60	-70.1	1.40	9.1	1	
289 061757	-60	-60.1	1.73	23.5	1		290 053236	120	-60.1	3.3	16.6	1	
289 062300	51	-5.6	1.73	23.5	1		290 053423	-162	-25.3	1.87	8.3	2	
289 062554	-51	-5.6	1.73	20.6	1		290 053653	-162	-5.6	1.67	9.1	2	
289 062605	51	-5.6	1.73	23.6	1		290 053840	-123	-25.3	1.87	17.1	2	
289 062616	51	-5.6	1.73	23.6	1		290 054028	-168	-70.1	7.2	11.9	3	
289 062913	-174	-45.3	1.03	23.6	1		290 054215	-9	-30.3	8.6	25.4	2	
289 062924	-174	-45.3	1.03	23.6	1		290 054402	-108	24.3	1.79	10.4	1	
289 062935	-174	-45.3	1.03	23.6	1		290 054800	-126	29.2	1.24	6.8	1	
289 063251	-165	-45.3	1.03	20.6	1		290 054924	-90	29.2	1.46	11.2	3	
289 063257	-174	-40.3	1.15	23.6	1		290 055050	48	-65.1	2.5	11.9	3	
289 063302	-168	-40.3	1.15	23.6	1		290 055238	-126	29.2	1.24	8.4	1	
289 063306	-159	-40.3	1.18	23.6	1		290 061610	51	-10.5	8.6	16.5	1	
289 063310	-156	-40.3	1.21	23.6	1		290 061716	0	-10.5	8.6	9.8	1	
289 063315	-150	-40.3	1.24	23.6	1		290 061722	51	-10.5	8.6	16.5	1	
289 063320	-153	-35.3	1.33	23.6	1		290 061728	51	-10.5	8.6	16.5	1	
289 063324	-159	-40.3	1.30	23.6	1		290 061734	51	-10.5	8.6	16.5	1	
289 063329	-162	-35.3	1.30	23.6	1		290 061740	51	-10.5	8.6	16.5	1	
289 063333	-168	-35.3	1.30	23.6	1		290 061844	51	-10.5	8.6	16.5	1	
289 063338	-177	-35.3	1.30	23.5	1		290 061850	51	-10.5	8.6	16.5	1	
289 063344	-180	-30.3	1.52	23.6	1		290 061855	51	-10.5	8.6	16.5	1	
289 063348	-174	-30.3	1.52	23.6	1		290 061901	51	-10.5	8.6	16.5	1	
289 063353	-165	-30.3	1.58	23.6	1		290 061907	51	-10.5	8.6	16.5	1	
289 063819	-60	-60.1	8.6	23.5	1		290 062144	123	-25.3	1.61	16.5	1	
290 025413	-60	-65.1	8.6	23.6	1		290 062315	126	-25.3	1.52	16.5	1	
290 025502	-60	-60.1	8.6	23.6	1		290 062349	129	-25.3	1.52	16.5	1	
290 025915	-60	-65.1	8.6	23.6	1		290 062435	129	-20.3	1.79	16.5	1	
290 025955	-60	-65.1	8.6	16.5	1		290 062454	126	-20.3	1.79	16.5	1	
289 033232	-15	-55.2	4.1	4.1	2		290 062546	126	-15.3	1.79	16.5	1	
289 033311	-15	-55.2	4.1	8.6	2		290 062651	126	-30.3	1.79	16.5	1	
290 030022	-60	-65.1	8.6	11.5	1		290 062847	126	-30.3	1.30	16.4	1	
290 030049	-60	-65.1	8.6	8.1	1		290 062941	129	-25.3	1.30	16.5	1	
290 030113	-60	-65.1	8.6	5.6	1		290 062946	129	-25.3	1.52	16.5	1	
290 030142	-60	-65.1	8.6	4.1	1		290 062951	126	-25.3	1.52	16.5	1	
290 031357	-171	-45.3	1.12	23.6	1		290 062956	126	-20.3	1.79	16.5	1	
290 031443	-171	-45.3	1.12	16.5	1		290 063001	129	-20.3	1.79	16.5	1	
290 031506	-171	-45.3	1.12	11.5	1		290 063136	51	-10.5	1.79	16.5	1	
290 032305	-138	-45.3	1.12	4.9	1		290 063353	-216	-20.3	1.79	16.5	1	
290 032316	-171	-50.2	1.12	11.5	1		290 063426	-216	-20.3	1.79	16.5	1	
290 032327	-171	-45.3	1.12	11.5	1		290 063542	-219	-20.3	1.79	16.5	1	
290 032338	-171	-45.3	1.12	11.5	1		290 063548	-219	-25.3	1.52	16.5	1	
290 032348	-171	-45.3	1.12	11.5	1		290 063552	-216	-25.3	1.52	16.5	1	
290 032619	-162	-45.3	1.12	11.5	1		290 063558	-216	-30.3	1.30	16.5	1	
290 032804	-159	-45.3	1.12	17.0	1		290 063602	-219	-30.3	1.30	16.5	1	
290 032829	-159	-45.3	1.12	23.7	1		290 064023	-174	-50.2	1.00	16.5	1	
290 032939	-165	-30.3	1.12	23.6	1		290 064127	-171	-50.2	1.00	16.5	1	
290 033119	-165	-30.3	1.12	16.5	1		290 064133	-171	-50.2	1.00	16.5	1	
290 033139	-165	-30.3	1.12	11.5	1		290 064139	-171	-50.2	1.00	16.5	1	
290 033728	-216	-20.3	1.67	23.7	1		290 064145	-171	-50.2	1.00	16.5	1	
290 033833	-216	-20.3	1.67	16.5	1		290 064151	-171	-50.2	1.00	16.5	1	
290 033854	-216	-20.3	1.67	11.5	1		290 064220	-171	-50.2	1.00	16.5	1	
290 034244	36	-55.2	1.67	11.5	1		290 064226	-171	-50.2	1.00	16.5	1	
290 034333	36	-55.2	1.67	16.9	1		290 064232	-171	-50.2	1.00	16.5	1	
290 034358	36	-55.2	1.67	23.6	1		290 064238	-171	-50.2	1.00	16.5	1	
290 034428	36	-55.2	1.67	8.1	1		290 064244	-171	-50.2	1.00	16.5	1	
290 034503	36	-55.2	1.67	5.6	1		290 064322	-171	-50.2	1.00	11.5	1	
290 034522	36	-55.2	1.67	4.1	1		290 064355	-165	-50.2	1.03	11.5	1	
290 034834	114	-15.3	1.67	23.6	1		290 064401	-171	-45.3	1.12	11.5	1	
290 034910	114	-10.5	1.67	16.5	1		290 064406	-165	-45.3	1.12	11.5	1	
290 034932	114	-15.3	1.67	11.5	1		290 064411	-159	-45.3	1.15	11.5	1	
290 035008	114	-10.5	1.67	17.0	1		290 064415	-153	-45.3	1.18	11.5	1	
290 035044	120	-15.3	1.67	17.0	1		290 064419	-150	-45.3	1.21	11.5	1	
290 035146	117	-15.3	1.67	17.0	1		290 064424	-153	-35.3	1.30	11.5	1	
290 035233	120	-20.3	1.67	17.0	1		290 064429	-156	-35.3	1.27	11.5	1	
290 035320	120	-25.3	1.67	17.0	1		290 064433	-162	-35.3	1.27	11.5	1	
290 042009	144	29.2	196	25.4	5		290 064438	-168	-35.3	1.27	11.5	1	
290 042013	144	29.2	196	25.4	5		290 064442	-174	-35.3	1.27	11.5	1	
290 042105	144	29.2	196	25.4	5		290 064448	-177	-35.3	1.46	11.5	1	
290 042107	141	29.2	196	25.4	5		290 064453	-171	-35.3	1.46	11.5	1	

TABLE IV - LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE - CONT.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
290 064458	-165	-35.3	1.52	11.5	1		294 063941	30	19.4	8.6	11.6	1	
290 064901	-60	-65.1	1.73	11.5	1		294 063952	30	19.4	8.6	11.6	1	
290 065002	-60	-65.1	1.73	8.1	1		294 064003	30	19.4	8.6	11.6	1	
290 065019	-60	-65.1	1.73	5.6	3		294 064046	30	24.3	8.6	11.6	1	
290 065122	-60	-65.1	1.73	11.7	1		294 064056	30	24.3	8.6	11.6	1	
290 065239	-60	-70.1	1.73	17.0	1		294 064107	30	24.3	8.6	11.6	1	
290 065428	-66	-70.1	1.73	17.0	1		294 064547	129	-15.3	1.79	11.6	1	
290 065438	-72	-70.1	1.73	17.0	1		294 064559	129	-15.3	1.79	11.6	1	
290 065445	-78	-70.1	1.73	16.9	1		294 064610	141	-15.3	1.79	11.6	1	
290 065454	-84	-70.1	1.73	17.0	1		294 064725	129	-10.5	1.79	11.6	1	
290 065501	-90	-70.1	1.73	17.0	1		294 064736	129	-10.5	1.79	11.6	1	
290 065507	-96	-70.1	1.73	17.0	1		294 064747	129	-10.5	1.79	11.6	1	
290 065515	-102	-70.1	1.73	17.0	1		294 064948	129	-10.5	1.79	16.8	1	
290 065524	-108	-70.1	1.73	17.0	1		294 064954	141	-10.5	1.79	16.8	5	
290 065535	-114	-70.1	1.73	17.0	1		294 065000	129	-10.5	1.79	16.8	1	
290 065602	-120	-70.1	1.73	17.0	1		294 065108	129	-10.5	1.79	16.8	1	
290 065612	-126	-70.1	1.73	16.9	1		294 065114	120	-10.5	1.79	10.1	1	
290 070020	-126	-70.1	1.73	17.0	1		294 065120	129	-10.5	1.79	16.8	1	
290 070106	-120	-70.1	1.73	17.0	1		294 065320	129	-10.5	1.79	16.8	1	
290 070148	-114	-70.1	1.73	17.0	1		294 065326	129	-10.5	1.79	16.8	1	
290 070221	-102	-70.1	1.73	17.0	1		294 065332	129	-10.5	1.79	16.8	1	
290 070229	-90	-70.1	1.73	17.0	1		294 065420	129	-20.3	1.79	16.8	1	
290 070237	-78	-70.1	1.73	17.0	1		294 065426	129	-15.3	1.79	16.8	1	
290 070246	-66	-70.1	1.73	17.0	1		294 065432	129	-15.3	1.79	16.8	1	
290 070256	-54	-70.1	1.73	17.0	1		294 065810	42	-55.2	1.79	16.8	1	
290 070457	48	-10.5	7.2	17.0	1		294 065816	42	-55.2	1.79	10.1	1	
290 070503	48	-10.5	7.2	17.0	1		294 065822	42	-50.2	1.79	16.8	1	
290 070539	51	-10.5	7.2	17.0	1		294 070003	45	-45.3	1.79	16.8	1	
294 055757	51	-5.6	7.2	16.9	1		294 070009	45	-45.3	1.79	16.8	1	
294 055808	51	-5.6	7.2	16.9	1		294 070015	45	-45.3	1.79	16.8	1	
294 060639	144	29.2	1.96	25.4	2		294 070040	39	-45.3	1.79	16.8	1	
294 060642	144	29.2	1.96	25.4	2		294 070046	39	-45.3	1.79	16.8	1	
294 060849	51	-5.6	7.2	16.9	1		294 070052	39	-45.3	1.79	16.8	1	
294 060900	51	-5.6	7.2	16.9	1		294 070224	39	-45.3	1.79	11.6	1	
294 060911	51	-5.6	7.2	16.9	1		294 070324	36	-45.3	1.79	11.6	1	
294 060922	51	-5.6	7.2	16.9	1		294 070353	36	-55.2	1.79	11.6	1	
294 060934	51	-5.6	7.2	16.9	1		294 070512	36	-55.2	1.79	8.1	1	
294 061226	87	-35.3	10.5	16.9	1		294 070734	-216	-10.5	1.79	8.1	1	
294 061236	87	-35.3	10.5	16.9	1		294 070740	-216	-10.5	1.79	8.1	1	
294 061527	87	-45.3	1.79	16.9	1		294 070845	-216	-10.5	1.79	11.8	1	
294 061538	87	-50.2	1.79	16.9	1		294 071034	-216	-10.5	1.33	11.8	1	
294 061549	87	-50.2	1.79	16.9	1		294 071421	-219	-10.5	1.73	11.8	1	
294 061704	87	-50.2	1.79	11.6	1		294 071510	-219	-10.5	1.79	16.8	1	
294 061715	87	-45.3	1.79	11.6	1		294 071611	-219	-15.3	1.73	16.8	1	
294 061726	87	-50.2	1.79	11.6	1		294 071705	-222	-15.3	1.73	16.8	1	
294 061821	87	-45.3	1.79	11.6	1		294 071755	-222	-20.3	1.79	16.8	1	
294 061833	87	-45.3	1.79	11.6	1		294 071857	-222	-20.3	1.79	16.8	1	
294 061844	87	-45.3	1.79	11.6	1		294 072532	-39	9.3	7.2	16.8	1	
294 062201	-204	-35.3	1.79	11.6	1		294 072637	-39	4.3	7.2	16.8	1	
294 062212	-204	-35.3	1.79	11.6	1		294 072914	-39	-40.3	8.6	16.8	1	
294 062223	-204	-35.3	1.79	11.6	1		294 073305	-42	-40.3	8.6	8.2	2	
294 062404	-201	-35.3	1.79	4.9	1		294 073525	-42	29.2	8.6	8.2	2	
294 062416	-201	-35.3	1.79	11.6	1		295 054336	78	-10.5	13.5	4.1	2	
294 062523	-198	-35.3	1.79	11.6	1		295 054450	78	-10.5	13.5	4.1	2	
294 062534	-198	-35.3	1.79	11.6	1		295 054456	78	-10.5	13.5	4.1	2	
294 062546	-198	-35.3	1.79	20.5	1		295 054502	78	-10.5	13.5	4.1	2	
294 062758	-210	-40.3	1.79	11.6	1		295 054701	78	-10.5	13.5	4.1	2	
294 062809	-210	-40.3	1.79	11.6	1		295 054707	78	-10.5	13.5	4.1	2	
294 062820	-210	-40.3	1.79	11.6	1		295 054712	78	-10.5	13.5	4.1	2	
294 063001	-210	-40.3	2.6	11.6	1		295 054811	78	-10.5	13.5	4.8	2	
294 063112	-213	-40.3	2.6	11.6	1		295 055045	105	-5.6	1.73	4.1	2	
294 063116	-216	-40.3	2.6	11.6	1		295 055200	51	-5.6	1.73	4.1	2	
294 063121	-216	-50.2	2.3	11.6	1		295 055208	51	-5.6	1.73	4.1	2	
294 063125	-213	-50.2	2.3	11.6	1		295 055613	51	-5.6	1.73	4.1	2	
294 063129	-210	-45.3	2.5	11.6	1		295 060033	51	-5.6	1.73	4.1	2	
294 063134	-207	-50.2	2.5	11.6	1		295 060040	51	-5.6	1.73	4.1	2	
294 063139	-204	-50.2	2.5	11.6	1		295 060155	51	-5.6	1.73	4.1	2	
294 063144	-201	-50.2	2.5	11.6	1		295 060202	51	-5.6	1.73	4.1	2	
294 063147	-201	-55.2	2.3	11.6	1		295 060343	3	29.2	1.61	4.1	2	
294 063152	-204	-55.2	2.2	11.6	1		295 060507	9	29.2	1.61	4.1	2	
294 063157	-207	-55.2	2.2	11.6	1		295 060510	15	29.2	1.96	4.1	2	
294 063202	-210	-55.2	2.2	11.6	1		295 060515	21	29.2	1.61	4.1	2	
294 063205	-213	-55.2	2.2	11.6	1		295 060520	27	29.2	1.58	4.1	5	
294 063210	-216	-55.2	2.1	11.6	1		295 060525	30	29.2	1.61	4.1	2	
294 063306	-174	-45.3	1.03	11.6	1		295 060528	24	29.2	1.61	4.1	2	
294 063342	-168	-45.3	1.03	11.6	1		295 060533	18	29.2	1.61	4.1	2	
294 063348	-171	-40.3	1.15	11.6	1		295 060538	12	29.2	1.67	4.1	2	
294 063352	-168	-40.3	1.15	11.6	1		295 060543	6	29.2	1.67	4.1	2	
294 063357	-162	-40.3	1.18	11.6	1		295 060546	3	29.2	1.73	4.1	2	
294 063401	-156	-40.3	1.21	11.6	1		295 060703	9	29.2	1.73	4.1	2	
294 063405	-156	-40.3	1.67	11.6	1		295 061024	3	-65.1	1.73	4.1	2	
294 063411	-153	-35.3	1.33	11.6	1		295 061201	3	-65.1	1.61	4.1	2	
294 063415	-159	-35.3	1.30	11.6	1		295 061244	9	-65.1	1.61	4.1	2	
294 063420	-165	-35.3	1.30	11.6	1		295 061249	15	-65.1	1.61	4.1	2	
294 063424	-171	-35.3	1.30	11.6	1		295 061254	21	-65.1	1.61	4.1	2	
294 063428	-177	-40.3	1.30	11.6	1		295 061258	27	-70.1	1.58	4.1	2	
294 063434	-180	-30.3	1.52	11.6	1		295 061302	30	-65.1	1.61	4.1	2	
294 063439	-174	-30.3	1.52	11.6	1		295 061307	24	-65.1	1.61	4.1	2	
294 063444	-168	-30.3	1.58	11.6	1		295 061312	18	-60.1	1.61	4.1	2	

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE IV - LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE - CONT.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
295 061316	9	-65.1	1.67	4.1	2		295 062522	42	-20.3	2.6	4.1	2	
295 061320	6	-65.1	1.67	4.1	2		295 062527	36	-20.3	2.7	4.1	2	
295 061325	3	-55.2	1.73	4.1	2		295 062726	75	-65.1	1.58	4.1	2	
295 061330	9	-55.2	1.73	4.1	2		295 062839	66	-65.1	1.58	4.1	2	
295 061333	15	-55.2	1.73	4.1	2		295 062929	69	-65.1	1.58	4.1	2	
295 061338	21	-55.2	1.67	4.1	2		295 062934	75	-65.1	1.58	4.3	2	
295 061348	30	-50.2	1.73	4.1	2		295 062939	81	-65.1	1.61	4.1	2	
295 061351	24	-50.2	1.73	4.1	2		295 062944	87	-65.1	1.61	4.1	2	
295 061356	18	-50.2	1.73	4.1	2		295 062947	93	-65.1	1.61	4.1	2	
295 061401	12	-50.2	1.73	4.1	2		295 062952	96	-60.1	1.67	4.1	2	
295 061406	6	-50.2	1.73	4.1	2		295 062957	90	-60.1	1.67	4.1	2	
295 061409	3	-45.3	1.87	4.1	2		295 063002	84	-60.1	1.61	4.1	2	
295 061414	9	-45.3	1.79	4.1	2		295 063005	78	-60.1	1.61	4.1	2	
295 061419	15	-45.3	1.79	4.1	2		295 063010	72	-60.1	1.61	4.1	2	
295 061424	21	-45.3	1.79	4.1	2		295 063015	66	-60.1	1.61	4.1	2	
295 061427	27	-45.3	1.73	4.1	2		295 063020	66	-60.1	1.67	4.1	2	
295 061432	30	-40.3	1.87	4.1	2		295 063023	69	-55.2	1.67	4.1	2	
295 061437	24	-40.3	1.87	4.1	2		295 063028	75	-55.2	1.67	4.1	2	
295 061442	15	-40.3	1.87	4.1	2		295 063033	81	-55.2	1.67	4.1	2	
295 061445	12	-40.3	1.94	4.1	2		295 063037	87	-55.2	1.67	4.1	2	
295 061450	6	-40.3	1.94	4.1	2		295 063041	93	-55.2	1.67	4.1	2	
295 061501	3	-35.3	2.1	4.1	2		295 063046	96	-50.2	1.73	4.1	2	
295 061506	9	-35.3	2.1	4.1	2		295 063051	90	-55.2	1.73	4.1	2	
295 061511	15	-35.3	2.03	4.1	2		295 063055	84	-50.2	1.67	4.1	2	
295 061514	18	-35.3	2.03	4.1	2		295 063059	78	-55.2	1.67	4.1	2	
295 061519	27	-35.3	1.94	4.1	2		295 063104	72	-50.2	1.67	4.1	2	
295 061524	30	-30.3	2.1	4.1	2		295 063109	66	-50.2	1.67	4.1	2	
295 061529	24	-30.3	2.1	4.1	2		295 063113	63	-45.3	1.73	4.1	2	
295 061532	18	-30.3	2.2	4.1	2		295 063118	69	-45.3	1.73	4.1	2	
295 061537	12	-30.3	2.2	4.3	2		295 063122	75	-45.3	1.73	4.1	2	
295 061542	6	-30.3	2.3	4.1	2		295 063127	81	-45.3	1.73	4.1	2	
295 061547	3	-25.3	2.6	4.1	2		295 063131	87	-45.3	1.79	4.1	2	
295 061619	3	-25.3	2.3	4.1	2		295 063136	93	-45.3	1.79	4.1	2	
295 061717	9	-25.3	2.3	4.1	2		295 063140	96	-40.3	1.94	4.1	2	
295 061722	15	-25.3	2.2	4.1	2		295 063145	90	-40.3	1.87	4.1	2	
295 061727	21	-30.3	2.2	4.1	2		295 063149	84	-40.3	1.87	4.1	2	
295 061730	27	-25.3	2.1	4.1	2		295 063154	78	-40.3	1.87	4.1	2	
295 061735	30	-20.3	2.3	4.1	2		295 063158	72	-40.3	1.87	4.1	2	
295 061740	24	-20.3	2.3	4.1	2		295 063203	60	-40.3	1.79	4.1	2	
295 061745	18	-20.3	2.5	4.1	2		295 063212	63	-35.3	1.94	4.1	2	
295 061748	12	-20.3	2.6	4.1	2		295 063217	69	-35.3	1.94	4.1	2	
295 061753	6	-20.3	2.6	4.1	2		295 063220	75	-35.3	1.94	4.1	2	
295 062100	33	-65.1	1.61	4.1	2		295 063225	81	-35.3	2.03	4.1	2	
295 062152	45	-65.1	1.61	4.1	2		295 063230	87	-35.3	2.03	4.1	2	
295 062156	51	-65.1	1.61	4.1	2		295 063235	93	-35.3	2.03	4.1	2	
295 062158	57	-65.1	1.61	4.1	2		295 063238	96	-30.3	2.2	4.1	2	
295 062205	60	-60.1	1.67	4.1	2		295 063243	90	-30.3	2.2	4.1	2	
295 062210	54	-60.1	1.67	4.1	2		295 063248	84	-30.3	2.1	4.1	2	
295 062215	48	-60.1	1.67	4.1	2		295 063253	78	-30.3	2.1	4.1	2	
295 062219	42	-60.1	1.67	4.1	2		295 063256	72	-30.3	2.1	4.1	2	
295 062223	36	-60.1	1.67	4.1	2		295 063301	66	-30.3	2.1	4.1	2	
295 062228	33	-55.2	1.73	4.1	2		295 063306	63	-25.3	2.3	4.1	2	
295 062233	39	-55.2	1.73	4.1	2		295 063320	63	-25.3	2.1	4.1	2	
295 062236	45	-55.2	1.67	4.1	2		295 063336	69	-25.3	2.1	4.1	2	
295 062241	51	-55.2	1.67	4.1	2		295 063341	75	-25.3	2.1	4.1	2	
295 062246	57	-55.2	1.67	4.1	2		295 063346	81	-25.3	2.1	4.1	2	
295 062251	60	-50.2	1.73	4.1	2		295 063349	87	-25.3	2.2	4.1	2	
295 062254	54	-50.2	1.73	4.1	2		295 063354	93	-25.3	2.2	4.1	2	
295 062259	48	-50.2	1.73	4.1	2		295 063359	96	-20.3	2.6	4.1	2	
295 062304	42	-50.2	1.73	4.1	2		295 063404	90	-20.3	2.5	4.1	2	
295 062309	36	-50.2	1.73	4.1	2		295 063409	84	-20.3	2.5	4.1	2	
295 062312	33	-45.3	1.79	4.1	2		295 063412	78	-20.3	2.3	4.1	2	
295 062317	39	-45.3	1.79	4.1	2		295 063417	72	-20.3	2.3	4.1	2	
295 062322	45	-45.3	1.79	4.1	2		295 063422	66	-20.3	2.3	4.1	2	
295 062327	51	-45.3	1.79	4.1	2		295 063427	63	-15.3	2.6	4.1	2	
295 062330	6	-45.3	1.73	4.1	2		295 063502	63	-15.3	2.3	4.1	2	
295 062335	60	-40.3	1.87	4.1	2		295 063514	69	-15.3	2.3	4.1	2	
295 062340	54	-40.3	1.87	4.1	2		295 063518	75	-20.3	2.3	4.1	2	
295 062345	48	-40.3	1.87	4.1	2		295 063523	81	-50.2	2.3	4.3	2	
295 062348	42	-40.3	1.87	4.1	2		295 063527	87	-15.3	2.5	4.1	2	
295 062353	36	-35.3	1.94	4.2	2		295 063532	60	-20.3	2.6	4.1	2	
295 062402	33	-35.3	2.03	4.0	2		295 063536	96	-10.5	2.7	4.1	2	
295 062406	39	-35.3	2.03	4.1	2		295 063540	90	-10.5	2.9	4.1	2	
295 062411	45	-35.3	2.03	4.1	2		295 063545	84	-10.5	2.7	4.1	2	
295 062415	51	-35.3	2.03	4.1	2		295 063550	78	-10.5	2.7	4.1	2	
295 062420	57	-35.3	2.03	4.1	2		295 063555	72	-10.5	2.7	4.1	2	
295 062425	60	-30.3	2.1	4.1	2		295 063558	66	-10.5	2.7	4.1	2	
295 062428	54	-30.3	2.1	4.1	2		295 063703	102	-15.3	3.1	4.1	2	
295 062433	48	-30.3	2.1	4.1	2		295 063754	105	-20.3	3.1	4.1	2	
295 062438	42	-30.3	2.2	4.1	2		295 063830	108	-20.3	3.1	4.1	2	
295 062443	36	-30.3	2.2	4.1	2		295 063909	102	-20.3	3.1	4.1	2	
295 062446	33	-25.3	2.5	4.1	2		295 063959	105	-25.3	3.1	4.1	2	
295 062451	39	-25.3	2.3	4.1	2		295 064029	69	-30.3	3.1	4.1	2	
295 062456	45	-25.3	2.3	4.1	2		295 064226	51	-10.5	8.6	6.1	2	
295 062501	51	-25.3	2.3	4.1	2		295 064328	51	-5.6	8.6	6.1	2	
295 062504	57	-25.3	2.3	4.1	2		296 054049	-63	-5.6	8.6	6.2	2	
295 062509	60	-20.3	2.6	4.1	2		296 054055	-63	-5.6	8.6	6.2	2	
295 062514	54	-20.3	2.6	4.1	2		296 054101	-63	-5.6	8.6	6.2	2	
295 062519	48	-20.3	2.6	4.1	2		296 054107	-63	-5.6	8.6	6.2	2	

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE IV - LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE - CONT.

TIME (GMT)	AZ	EL	FUC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FUC	IRIS	FIL	REMARKS
296 054113	-63	-5.6	8.6	6.2	2		296 060554	-36	-0.7	7.2	17.5	2	
296 054120	-63	-5.6	8.6	6.2	2		296 060558	-42	-0.7	7.2	17.5	2	
296 054125	-63	-5.6	8.6	6.2	2		296 060603	-48	-0.7	7.2	17.5	2	
296 054131	-63	-5.6	8.6	6.2	2		296 060608	-54	-0.7	7.2	17.5	2	
296 054137	-63	-5.6	8.6	6.2	2		296 060612	-60	-0.7	7.2	17.5	2	
296 054143	-63	-5.6	8.6	6.2	2		296 060616	-66	-0.7	7.2	17.5	2	
296 054149	-63	-5.6	8.6	6.2	2		296 060625	-69	4.3	7.2	17.5	2	
296 054154	-63	-5.6	8.6	6.2	2		296 060630	-63	4.3	7.2	17.5	5	
296 054201	-63	-5.6	8.6	6.2	2		296 060633	-57	4.3	7.2	17.5	2	
296 054207	-63	-5.6	8.6	6.2	2		296 060638	-51	4.3	7.2	17.5	2	
296 054213	-63	-5.6	8.6	6.2	2		296 060643	-45	4.3	7.2	17.5	2	
296 054219	-63	-5.6	8.6	6.2	2		296 060647	-39	4.3	7.2	17.5	2	
296 054225	-63	-5.6	8.6	6.2	2		296 060652	-33	4.3	7.2	17.5	2	
296 054231	-63	-5.6	8.6	6.2	2		296 060657	-30	9.3	7.2	17.5	2	
296 054236	-63	-5.6	8.6	6.2	2		296 060700	-36	9.3	7.2	17.5	2	
296 054242	-63	-5.6	8.6	6.2	2		296 060705	-42	9.3	7.2	17.5	2	
296 054447	-63	-10.5	8.6	6.2	2		296 060710	-48	9.3	7.2	17.5	2	
296 054542	-63	-10.5	7.2	6.2	2		296 060714	-54	9.3	7.2	17.5	2	
296 054841	-63	-10.5	7.2	6.2	2		296 060719	-60	9.3	7.2	17.5	2	
296 055004	-63	-60.1	7.2	9.5	2		296 060724	-66	9.3	7.2	17.5	2	
296 055445	-69	-65.1	7.2	6.2	2		296 060728	-69	14.4	7.2	17.5	2	
296 055451	-69	-65.1	7.2	6.2	2		296 060732	-63	14.4	7.2	17.5	2	
296 055643	69	29.2	7.2	6.2	2		296 060737	-57	14.4	7.2	15.5	2	
296 055655	-69	-65.1	7.2	12.3	2		296 060741	-51	14.4	7.2	17.5	2	
296 055745	-69	-65.1	7.2	17.5	2		296 060746	-45	14.4	7.2	17.5	2	
296 055828	-63	-65.1	7.2	17.5	2		296 060751	-39	14.4	7.2	17.5	2	
296 055833	-57	-65.1	7.2	17.5	2		296 060755	-33	14.4	7.2	17.5	2	
296 055838	-51	-65.1	7.2	17.5	2		296 060759	-129	-65.1	2.7	10.3	2	
296 055842	-45	-65.1	7.2	17.5	2		296 060803	-36	19.4	7.2	17.5	2	
296 055847	-39	-65.1	7.2	17.5	2		296 060916	-27	-65.1	7.2	12.3	2	
296 055852	-33	-65.1	7.2	17.5	2		296 061302	-27	9.3	7.2	12.3	2	
296 055856	-30	-60.1	7.2	17.5	2		296 061359	-27	4.3	7.2	12.3	2	
296 055900	-36	-65.1	7.2	17.5	2		296 061423	-21	4.3	7.2	12.3	2	
296 055905	-42	-60.1	7.2	17.5	2		296 061426	-15	4.3	7.2	12.3	2	
296 055909	-48	-60.1	7.2	17.5	2		296 061431	-9	4.3	7.2	12.3	2	
296 055914	-54	-60.1	7.2	17.5	2		296 061436	-3	4.3	7.2	12.3	2	
296 055919	-60	-60.1	7.2	17.5	2		296 061443	-84	9.3	7.2	5.2	2	
296 055923	-66	-60.1	7.2	17.5	2		296 061447	-93	9.3	7.2	5.2	2	
296 055928	-69	-55.2	7.2	17.5	2		296 061452	-12	9.3	7.2	12.3	2	
296 055931	-63	-55.2	7.2	17.5	2		296 061457	-18	9.3	7.2	12.3	2	
296 055936	-57	-55.2	7.2	17.5	2		296 061500	-24	9.3	7.2	12.3	2	
296 055941	-51	-55.2	7.2	17.5	2		296 061506	-27	14.4	7.2	12.3	2	
296 055945	-45	-55.2	7.2	17.5	2		296 061511	-21	9.3	7.2	12.3	2	
296 055950	-39	-55.2	7.2	17.5	2		296 061516	-15	14.4	7.2	12.3	2	
296 055955	-33	-55.2	7.2	17.5	2		296 061520	-9	14.4	7.2	12.3	2	
296 055958	-30	-50.2	7.2	17.5	2		296 061524	-3	14.4	7.2	12.3	2	
296 060003	-36	-50.2	7.2	17.5	2		296 061528	0	19.4	7.2	12.3	2	
296 060008	-42	-50.2	7.2	10.3	2		296 061533	-12	19.4	6.2	11.9	2	
296 060012	-48	-50.2	7.2	17.5	2		296 061538	-12	19.4	7.2	12.3	2	
296 060017	-54	-50.2	7.2	17.5	2		296 061542	-18	19.4	7.2	12.3	2	
296 060022	-60	-50.2	7.2	17.5	2		296 061547	-24	19.4	7.2	5.2	2	
296 060026	-66	-50.2	7.2	17.5	2		296 061552	27	19.4	7.2	5.2	2	
296 060030	-69	-45.3	7.2	17.5	2		296 061555	-21	24.3	7.2	12.3	2	
296 060035	-63	-45.3	7.2	17.5	2		296 061600	-15	24.3	7.2	12.3	2	
296 060039	-57	-45.3	7.2	17.5	2		296 061605	-9	24.3	7.2	12.3	2	
296 060044	-51	-45.3	7.2	17.5	2		296 061609	-3	24.3	7.2	12.3	2	
296 060049	-45	-45.3	7.2	17.5	2		296 061614	0	24.3	7.2	12.3	2	
296 060053	-39	-45.3	7.2	17.5	2		296 061619	-6	29.2	7.2	12.3	2	
296 060057	-33	-45.3	7.2	17.5	2		296 062053	-141	-65.1	7.2	12.3	2	
296 060104	-30	-40.3	7.2	17.5	2		296 062157	-135	-65.1	7.2	12.3	5	
296 060108	-36	-40.3	7.2	17.5	2		296 062202	-129	-65.1	7.2	12.3	2	
296 060113	-42	-40.3	7.2	17.5	2		296 062206	-120	-65.1	7.2	5.2	2	
296 060118	-48	-40.3	7.2	17.5	2		296 062210	-117	-65.1	7.2	12.3	2	
296 060122	-54	-40.3	7.2	17.5	2		296 062215	-111	-65.1	7.2	12.3	2	
296 060127	-60	-40.3	7.2	17.5	2		296 062220	-108	-60.1	7.2	12.3	2	
296 060132	-66	-40.3	7.2	17.5	2		296 062224	-114	-60.1	7.2	12.3	2	
296 060136	-69	-35.3	7.2	17.5	2		296 062229	-120	-60.1	7.2	12.3	2	
296 060141	-63	-35.3	7.2	17.5	2		296 062233	-126	-60.1	7.2	12.3	2	
296 060146	-57	-35.3	7.2	17.5	2		296 062237	-132	-60.1	7.2	12.3	2	
296 060149	-51	-35.3	7.2	17.5	2		296 062242	-135	-60.1	7.2	12.3	2	
296 060154	-45	-35.3	7.2	17.5	2		296 062247	-141	-55.2	7.2	12.3	2	
296 060159	-39	-35.3	7.2	17.5	2		296 062251	-135	-55.2	7.2	12.3	2	
296 060203	-33	-35.3	7.2	17.5	2		296 062256	-129	-55.2	7.2	12.3	2	
296 060208	-30	-30.3	7.2	17.5	2		296 062300	-120	-55.2	7.2	12.3	2	
296 060213	-36	-30.3	7.2	17.5	2		296 062304	-117	-55.2	7.2	12.2	2	
296 060217	-42	-30.3	7.2	17.5	2		296 062309	-111	-55.2	7.2	12.3	2	
296 060221	-48	-30.3	7.2	17.5	2		296 062314	-108	-50.2	7.2	12.2	2	
296 060225	-54	-25.3	7.2	10.3	2		296 062318	-114	-50.2	7.2	12.3	2	
296 060230	-66	-30.3	7.2	16.8	2		296 062323	-117	-50.2	7.2	12.3	2	
296 060235	-66	-30.3	7.2	17.5	2		296 062328	-126	-50.2	7.2	12.3	2	
296 060432	-66	-10.5	7.2	17.5	2		296 062331	-132	-50.2	7.2	12.3	2	
296 060517	-69	-5.6	7.2	17.5	2		296 062336	-138	-50.2	7.2	12.3	2	
296 060522	-63	-5.6	7.2	17.5	2		296 062343	-141	-45.3	7.2	12.3	2	
296 060527	-57	-5.6	7.2	17.5	5		296 062348	-132	-45.3	7.2	12.2	2	
296 060531	-51	-5.6	7.2	17.5	2		296 062352	-129	-45.3	7.2	12.3	2	
296 060536	-45	-5.6	7.2	17.5	2		296 062357	-120	-45.3	7.2	12.3	2	
296 060541	-39	-5.6	7.2	17.5	2		296 062402	-117	-45.3	7.2	12.3	2	
296 060544	-33	-5.6	7.2	17.5	2		296 062405	-111	-45.3	7.2	12.3	2	
296 060549	-30	-0.7	7.2	17.5	2		296 062410	-108	-40.3	7.2	12.3	2	

SURVEYOR 5 TELEVISION PICTURE DATA

371

TABLE IV - LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY SURVEY TYPE - CONT.

TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS	TIME (GMT)	AZ	EL	FOC	IRIS	FIL	REMARKS
296 062415	-114	-40.3	7.2	12.3	2		296 063235	-75	-15.3	7.2	12.3	2	
296 062419	-117	-40.3	7.2	12.3	2		296 063239	-72	-10.5	7.2	12.3	2	
296 062424	-126	-40.3	7.2	12.3	2		296 063243	-78	-10.5	7.2	12.3	2	
296 062429	-132	-40.3	7.2	12.3	2		296 063247	-84	-10.5	7.2	12.3	2	
296 062432	-138	-40.3	7.2	12.3	2		296 063627	-78	-5.6	6.2	11.9	2	
296 062438	-141	-35.3	7.2	12.3	2		296 063813	-174	-35.3	7.2	12.3	2	
296 062442	-132	29.2	7.2	20.5	2		296 063925	-168	-35.3	7.2	12.3	2	
296 062446	-129	29.2	6.2	11.9	5		296 063929	-162	-35.3	7.2	12.3	2	
296 062451	-123	-35.3	7.2	5.2	2		296 063934	-156	-35.3	7.2	12.3	2	
296 062456	-120	-35.3	7.2	11.9	2		296 063938	-150	-35.3	7.2	12.3	2	
296 062500	-111	-35.3	7.2	12.2	2		296 063942	-144	-35.3	7.2	12.3	2	
296 062505	-108	-30.3	7.2	12.2	2		296 063947	-141	-30.3	7.2	12.3	2	
296 062509	-114	-30.3	7.2	12.2	2		296 063952	-147	-30.3	7.2	12.3	2	
296 062513	-120	-30.3	7.2	12.3	2		296 063956	-153	-30.3	7.2	12.3	2	
296 062518	-126	-30.3	7.2	12.2	2		296 064001	-159	-30.3	7.2	12.3	2	
296 062523	-132	-30.3	7.2	12.3	2		296 064005	-165	-30.3	7.2	12.3	2	
296 062527	-138	-30.3	7.2	12.2	2		296 064009	-171	-30.3	7.2	12.3	2	
296 062534	-141	-25.3	7.2	12.2	2		296 064014	-174	-25.3	7.2	12.3	2	
296 062539	-132	-25.3	7.2	12.3	2		296 064019	-168	-25.3	7.2	12.3	2	
296 062544	-126	-25.3	7.2	12.3	2		296 064023	-162	-25.3	7.2	5.2	2	
296 062549	-123	-25.3	7.2	12.2	2		296 064028	-156	-25.3	7.2	12.3	2	
296 062553	-117	-25.3	7.2	12.3	2		296 064032	-150	-25.3	7.2	12.3	2	
296 062557	-111	-25.3	7.2	12.2	2		296 064036	-144	-25.3	7.2	12.3	2	
296 062603	-108	-20.3	7.2	12.2	2		296 064208	-72	14.4	7.2	12.3	2	
296 062709	-105	-65.1	7.2	12.2	2		296 064505	0	14.4	7.2	12.3	2	
296 062739	-99	-65.1	7.2	12.3	2		296 064616	84	14.4	7.2	12.2	2	
296 062743	-93	29.2	7.2	25.4	2		296 064655	9	14.4	7.2	11.0	2	
296 062748	-87	29.2	7.2	12.3	2		296 064700	15	14.4	7.2	12.2	2	
296 062753	-81	-65.1	7.2	12.3	2		296 064705	21	14.4	7.2	12.2	2	
296 062758	-78	-65.1	7.2	12.3	2		296 064709	27	14.4	7.2	12.2	2	
296 062802	-72	-60.1	7.2	12.3	2		296 064714	30	14.4	7.2	12.2	2	
296 062806	-78	-60.1	7.2	12.3	2		296 064718	24	14.4	7.2	12.2	2	
296 062810	-84	-60.1	7.2	12.3	2		296 064722	18	14.4	7.2	12.2	2	
296 062815	-90	-60.1	7.2	12.3	2		296 064727	12	19.4	7.2	12.2	2	
296 062820	-96	-60.1	7.2	12.2	2		296 064732	6	19.4	7.2	12.2	2	
296 062825	-102	-60.1	7.2	12.3	2		296 064736	3	24.3	7.2	12.2	2	
296 062829	-105	-55.2	7.2	12.3	2		296 064741	9	24.3	7.2	12.2	2	
296 062833	-99	-55.2	7.2	12.3	2		296 064746	15	24.3	7.2	12.2	2	
296 062837	-93	-55.2	7.2	12.3	2		296 064751	21	24.3	7.2	12.2	2	
296 062842	-87	-55.2	7.2	12.3	2		296 064754	27	24.3	7.2	12.2	2	
296 062847	-81	-55.2	7.2	12.3	2		296 064759	30	24.3	7.2	12.2	2	
296 062852	-75	-55.2	7.2	12.3	2		296 064803	24	24.3	7.2	12.2	2	
296 062856	-72	-50.2	7.2	12.3	2		296 064808	18	24.3	7.2	12.2	2	
296 062900	-78	-50.2	7.2	12.3	2		296 064813	12	24.3	7.2	12.2	2	
296 062904	-84	-50.2	7.2	12.2	2		296 064818	6	24.3	7.2	12.2	2	
296 062909	-90	-50.2	7.2	12.3	2		296 064929	33	29.2	7.2	12.2	2	
296 062914	-99	-50.2	7.2	12.3	2		296 065001	39	29.2	7.2	12.3	2	
296 062919	-102	-50.2	7.2	12.3	2		296 065006	45	29.2	7.2	12.3	2	
296 062926	-105	-45.3	7.2	12.3	2		296 065011	51	29.2	7.2	12.2	2	
296 062930	-99	-45.3	7.2	12.3	2		296 065014	57	29.2	7.2	12.2	2	
296 062935	-90	-45.3	7.2	12.3	2		296 065019	60	29.2	7.2	12.2	2	
296 062940	-87	-45.3	7.2	12.3	2		296 065024	54	29.2	7.2	12.2	2	
296 062943	-81	-45.3	7.2	12.3	2		296 065028	48	29.2	7.2	12.2	2	
296 062948	-75	-45.3	7.2	12.3	2		296 065033	42	29.2	7.2	12.2	2	
296 062953	-72	-40.3	7.2	12.3	2		296 065036	36	29.2	7.2	12.2	2	
296 062957	-78	-40.3	7.2	12.3	2		296 065042	33	29.2	7.2	12.2	2	
296 063002	-84	-40.3	7.2	12.3	2		296 065047	39	29.2	7.2	12.2	2	
296 063007	-90	-40.3	7.2	12.3	2		296 065051	45	29.2	7.2	12.3	2	
296 063010	-96	-40.3	7.2	12.3	2		296 065055	51	29.2	7.2	12.2	2	
296 063015	-102	-40.3	7.2	12.3	2		296 065100	57	29.2	7.2	12.2	2	
296 063021	-105	-35.3	7.2	12.3	2		296 065106	60	29.2	7.2	12.2	2	
296 063024	-99	-35.3	7.2	12.3	2		296 065111	54	29.2	7.2	12.2	2	
296 063029	-93	-35.3	7.2	12.3	2		296 065114	48	29.2	7.2	12.2	2	
296 063034	-87	-35.3	7.2	12.3	2		296 065119	42	29.2	7.2	12.2	2	
296 063038	-81	-35.3	7.2	12.3	5		296 065123	36	29.2	7.2	12.2	2	
296 063043	-75	-35.3	7.2	12.3	2		296 065255	63	14.4	7.2	12.3	2	
296 063048	-72	-30.3	7.2	12.3	2		296 065411	69	14.4	7.2	12.3	2	
296 063051	-78	-30.3	7.2	12.3	2		296 065415	69	29.2	6.2	11.9	2	
296 063056	-84	-30.3	7.2	12.3	2		296 065420	81	14.4	7.2	12.2	2	
296 063101	-90	-30.3	7.2	12.3	2		296 065425	87	14.4	7.2	12.3	2	
296 063105	-96	-30.3	7.2	12.3	2		296 065429	93	14.4	7.2	12.3	2	
296 063110	-102	-30.3	7.2	12.3	2		296 065433	96	24.3	7.2	12.3	2	
296 063117	-105	-25.3	7.2	12.2	2		296 065438	90	24.3	7.2	12.3	2	
296 063122	-99	-25.3	7.2	12.3	2		296 065442	84	24.3	7.2	12.2	2	
296 063126	-93	-25.3	7.2	12.3	2		296 065447	78	24.3	7.2	12.3	2	
296 063131	-87	-25.3	7.2	12.3	2		296 065452	72	24.3	7.2	12.3	2	
296 063135	-81	-25.3	7.2	12.3	2		296 065457	66	24.3	7.2	12.3	2	
296 063139	-75	-25.3	7.2	12.3	2		296 065500	63	24.3	7.2	12.2	2	
296 063145	-72	-20.3	7.2	12.3	2		296 065505	69	24.3	7.2	12.3	2	
296 063149	-78	-20.3	7.2	12.3	2		296 065510	75	24.3	7.2	12.2	2	
296 063153	-84	-20.3	7.2	12.3	2		296 065514	81	24.3	7.2	12.3	2	
296 063158	-90	-20.3	7.2	12.3	2		296 065519	87	24.3	7.2	12.3	2	
296 063203	-96	-20.3	7.2	12.3	5		296 065522	93	24.3	7.2	12.3	2	
296 063208	-102	-20.3	7.2	12.3	2		296 065528	96	29.2	7.2	12.2	2	
296 063212	-105	-15.3	7.2	12.3	2		296 065533	54	29.2	7.2	12.3	2	
296 063216	-99	-15.3	7.2	12.3	2		296 065537	84	29.2	7.2	12.3	2	
296 063220	-93	-15.3	7.2	12.3	2		296 065541	78	29.2	7.2	12.2	2	
296 063225	-87	-15.3	7.2	12.3	2		296 065546	72	29.2	7.2	12.2	2	
296 063230	-81	-15.3	7.2	12.3	2		296 065551	66	29.2	7.2	12.3	2	

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
254 02 00 56	78	-20.3	STANDARD SEQUENCE	254 06 54 11	-21	-60.1	SURVEY W-A
254 02 02 36	78	-20.3	STANDARD SEQUENCE	254 06 54 40	-39	-60.1	SURVEY W-A
254 02 04 15	78	-20.3	STANDARD SEQUENCE	254 06 55 02	-57	-60.1	SURVEY W-A
254 02 05 35	57	-20.3	STANDARD SEQUENCE	254 06 56 53	-93	-45.3	SURVEY W-A
254 02 07 14	57	-0.7	STANDARD SEQUENCE	254 06 58 29	-93	-30.3	SURVEY W-A
254 02 08 54	57	14.4	STANDARD SEQUENCE	254 07 03 13	-111	-30.3	SURVEY W-A
254 02 10 54	36	-20.3	STANDARD SEQUENCE	254 07 04 36	-111	-45.3	SURVEY W-A
254 02 12 33	36	-20.3	STANDARD SEQUENCE	254 07 05 23	-129	-45.3	SURVEY W-A
254 02 14 13	15	-20.3	STANDARD SEQUENCE	254 07 06 46	-129	-30.3	SURVEY W-A
254 02 16 34	-6	-20.3	STANDARD SEQUENCE	254 07 07 20	-129	-15.3	SURVEY W-A
254 02 17 53	-27	-20.3	STANDARD SEQUENCE	254 07 07 43	-129	-0.7	SURVEY W-A
254 02 19 14	-48	-20.3	STANDARD SEQUENCE	254 07 08 47	-147	-0.7	SURVEY W-A
254 02 20 33	-63	-20.3	STANDARD SEQUENCE	254 07 09 32	-147	-15.3	SURVEY W-A
254 02 22 53	-63	-40.3	STANDARD SEQUENCE	254 07 09 53	-147	-30.3	SURVEY W-A
254 02 24 33	-63	-55.2	STANDARD SEQUENCE	254 07 10 23	-147	-45.3	SURVEY W-A
254 02 27 14	-60	-55.2	STANDARD SEQUENCE	254 07 12 25	-147	-45.3	SURVEY W-A
254 02 29 34	-60	-55.2	STANDARD SEQUENCE	254 08 12 36	-147	-45.3	SURVEY W-A
254 02 31 15	-63	-55.2	STANDARD SEQUENCE	254 08 14 19	-165	-45.3	SURVEY W-A
254 05 29 53	-57	-60.1	SURVEY W-A	254 08 15 33	-165	-30.3	SURVEY W-A
254 05 31 47	-75	-60.1	SURVEY W-A	254 08 15 59	-165	-15.3	SURVEY W-A
254 05 32 03	-75	-45.3	SURVEY W-A	254 08 18 15	-165	-0.7	SURVEY W-A
254 05 32 20	-75	-30.3	SURVEY W-A	254 08 18 47	-183	-0.7	SURVEY W-A
254 05 34 47	-57	-30.3	SURVEY W-A	254 08 19 18	-183	-15.3	SURVEY W-A
254 05 38 56	-57	-30.3	SURVEY W-A	254 08 19 56	-183	-30.3	SURVEY W-A
254 05 39 16	-57	-45.3	SURVEY W-A	254 08 20 45	-183	-45.3	SURVEY W-A
254 05 39 33	-39	-45.3	SURVEY W-A	254 08 24 21	-183	-45.3	SURVEY W-A
254 05 39 50	-39	-30.3	SURVEY W-A	254 08 25 34	-201	-45.3	SURVEY W-A
254 05 40 04	-39	-15.3	SURVEY W-A	254 08 26 08	-201	-30.3	SURVEY W-A
254 05 41 01	-39	-0.7	SURVEY W-A	254 08 26 37	-201	-15.3	SURVEY W-A
254 05 41 16	-39	14.4	SURVEY W-A	254 08 27 03	-201	-0.7	SURVEY W-A
254 05 41 31	-21	14.4	SURVEY W-A	254 08 27 37	-201	14.4	SURVEY W-A
254 05 41 49	-21	-0.7	SURVEY W-A	254 08 28 36	-219	14.4	SURVEY W-A
254 05 42 06	-21	-15.3	SURVEY W-A	254 08 29 00	-219	-0.7	SURVEY W-A
254 05 49 28	-21	-30.3	SURVEY W-A	254 08 29 27	-219	-15.3	SURVEY W-A
254 05 50 03	-21	-45.3	SURVEY W-A	254 08 29 59	-219	-30.3	SURVEY W-A
254 05 50 45	-3	-45.3	SURVEY W-A	254 08 31 19	-219	-30.3	ASI MIRROR
254 05 57 32	-3	-30.3	SURVEY W-A	254 08 34 07	-219	-30.3	ASI MIRROR
254 05 58 21	-3	-15.3	SURVEY W-A	254 08 35 16	-219	-30.3	ASI MIRROR
254 05 58 54	-3	-0.7	SURVEY W-A	254 08 39 34	-213	-30.3	ASI MIRROR
254 05 59 20	-3	14.4	SURVEY W-A	254 08 42 03	-213	-30.3	ASI MIRROR
254 06 01 17	-3	29.2	SURVEY W-A	254 08 43 44	-213	-30.3	ASI MIRROR
254 06 03 16	15	29.2	SURVEY W-A	254 08 45 14	-213	-30.3	ASI MIRROR
254 06 06 05	15	14.4	SURVEY W-A	254 08 47 35	-213	-35.3	ASI MIRROR
254 06 07 03	15	-0.7	SURVEY W-A	254 08 50 08	-219	-30.3	ASI MIRROR
254 06 07 53	15	-15.3	SURVEY W-A	254 08 52 21	-219	-45.3	SURVEY W-A
254 06 08 46	15	-30.3	SURVEY W-A	254 08 52 56	-219	-60.1	SURVEY W-A
254 06 10 15	15	-45.3	SURVEY W-A	254 08 53 18	-201	-60.1	SURVEY W-A
254 06 11 13	33	-45.3	SURVEY W-A	254 08 53 54	-183	-60.1	SURVEY W-A
254 06 12 02	33	-30.3	SURVEY W-A	254 08 54 15	-165	-60.1	SURVEY W-A
254 06 12 50	33	-15.3	SURVEY W-A	254 08 54 34	-147	-60.1	SURVEY W-A
254 06 13 35	33	-0.7	SURVEY W-A	254 08 54 56	-129	-60.1	SURVEY W-A
254 06 14 31	33	14.4	SURVEY W-A	254 08 55 21	-111	-60.1	SURVEY W-A
254 06 15 21	33	29.2	SURVEY W-A	254 08 55 42	-93	-60.1	SURVEY W-A
254 06 22 42	51	29.2	SURVEY W-A	254 23 38 23	-93	-60.1	SURVEY W-B
254 06 24 51	51	14.4	SURVEY W-A	254 23 40 37	-57	-60.1	SURVEY W-B
254 06 25 08	51	-0.7	SURVEY W-A	254 23 41 59	-75	-60.1	SURVEY W-B
254 06 25 25	51	-15.3	SURVEY W-A	254 23 42 05	-75	-45.3	SURVEY W-B
254 06 25 48	51	-30.3	SURVEY W-A	254 23 42 10	-75	-30.3	SURVEY W-B
254 06 26 09	51	-45.3	SURVEY W-A	254 23 42 14	-75	-15.3	SURVEY W-B
254 06 27 18	69	-45.3	SURVEY W-A	254 23 43 24	-75	-0.7	SURVEY W-B
254 06 28 43	69	-30.3	SURVEY W-A	254 23 46 30	-57	-0.7	SURVEY W-B
254 06 29 13	69	-15.3	SURVEY W-A	254 23 47 28	-57	-15.3	SURVEY W-B
254 06 29 34	69	-0.7	SURVEY W-A	254 23 47 32	-57	-30.3	SURVEY W-B
254 06 30 03	69	14.4	SURVEY W-A	254 23 47 36	-57	-45.3	SURVEY W-B
254 06 30 21	69	29.2	SURVEY W-A	254 23 47 42	-39	-45.3	SURVEY W-B
254 06 31 19	87	29.2	SURVEY W-A	254 23 47 47	-39	-30.3	SURVEY W-B
254 06 32 27	87	14.4	SURVEY W-A	254 23 47 51	-39	-15.3	SURVEY W-B
254 06 32 46	87	-0.7	SURVEY W-A	254 23 47 55	-39	-0.7	SURVEY W-B
254 06 33 06	87	-15.3	SURVEY W-A	254 23 48 00	-39	14.4	SURVEY W-B
254 06 33 28	87	-30.3	SURVEY W-A	254 23 48 06	-21	14.4	SURVEY W-B
254 06 33 47	87	-45.3	SURVEY W-A	254 23 48 09	-21	-0.7	SURVEY W-B
254 06 35 37	105	-45.3	SURVEY W-A	254 23 48 14	-21	-15.3	SURVEY W-B
254 06 35 58	105	-30.3	SURVEY W-A	254 23 48 19	-21	-30.3	SURVEY W-B
254 06 36 23	105	-15.3	SURVEY W-A	254 23 48 24	-21	-45.3	SURVEY W-B
254 06 36 48	105	-0.7	SURVEY W-A	254 23 48 31	-3	-45.3	SURVEY W-B
254 06 37 17	105	14.4	SURVEY W-A	254 23 48 36	-3	-30.3	SURVEY W-B
254 06 45 50	123	14.4	SURVEY W-A	254 23 48 41	-3	-15.3	SURVEY W-B
254 06 47 08	123	-0.7	SURVEY W-A	254 23 48 44	-3	-0.7	SURVEY W-B
254 06 47 28	123	-15.3	SURVEY W-A	254 23 48 49	-3	14.4	SURVEY W-B
254 06 47 48	123	-30.3	SURVEY W-A	254 23 48 54	-3	29.2	SURVEY W-B
254 06 48 21	123	-45.3	SURVEY W-A	254 23 48 58	15	29.2	SURVEY W-B
254 06 48 47	123	-60.1	SURVEY W-A	254 23 49 03	15	14.4	SURVEY W-B
254 06 51 02	105	-60.1	SURVEY W-A	254 23 49 08	15	-0.7	SURVEY W-B
254 06 51 33	87	-60.1	SURVEY W-A	254 23 49 13	15	-15.3	SURVEY W-B
254 06 51 54	69	-60.1	SURVEY W-A	254 23 49 18	15	-30.3	SURVEY W-B
254 06 52 18	57	-60.1	SURVEY W-A	254 23 49 21	15	-45.3	SURVEY W-B
254 06 52 41	33	-60.1	SURVEY W-A	254 23 49 27	33	-45.3	SURVEY W-B
254 06 53 17	15	-60.1	SURVEY W-A	254 23 49 32	33	-30.3	SURVEY W-B
254 06 53 46	-3	-60.1	SURVEY W-A	254 23 49 35	33	-15.3	SURVEY W-B

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
254 23 49 40	33	-0.7	SURVEY W-B	255 00 12 25	-60	-60.1	SPECIAL A
254 23 49 45	33	14.4	SURVEY W-B	255 00 13 59	-54	-60.1	SPECIAL A
254 23 49 50	33	29.2	SURVEY W-B	255 00 14 30	-57	-55.2	SPECIAL A
254 23 49 55	51	29.2	SURVEY W-B	255 00 15 19	-63	-55.2	SPECIAL A
254 23 49 59	51	14.4	SURVEY W-B	255 00 16 10	-66	-60.1	SPECIAL A
254 23 50 04	51	-0.7	SURVEY W-B	255 00 17 58	-54	-60.1	SPECIAL A
254 23 50 09	51	-15.3	SURVEY W-B	255 00 18 26	-54	-50.2	SPECIAL A
254 23 50 13	51	-30.3	SURVEY W-B	255 00 18 31	-66	-50.2	SPECIAL A
254 23 50 17	51	-45.3	SURVEY W-B	255 00 18 35	-66	-60.1	SPECIAL A
254 23 50 23	69	-45.3	SURVEY W-B	255 00 20 07	-72	-65.1	SPECIAL A
254 23 50 28	69	-30.3	SURVEY W-B	255 00 23 27	-72	-65.1	SPECIAL A
254 23 50 32	69	-15.3	SURVEY W-B	255 00 32 11	-75	-65.1	SPECIAL A
254 23 50 36	69	-0.7	SURVEY W-B	255 00 32 51	-72	-65.1	SPECIAL A
254 23 50 41	69	14.4	SURVEY W-B	255 00 32 56	-66	-65.1	SPECIAL A
254 23 50 46	69	29.2	SURVEY W-B	255 00 33 01	-60	-65.1	SPECIAL A
254 23 50 51	87	29.2	SURVEY W-B	255 00 33 04	-54	-65.1	SPECIAL A
254 23 50 55	87	14.4	SURVEY W-B	255 00 33 09	-48	-65.1	SPECIAL A
254 23 51 00	87	-0.7	SURVEY W-B	255 00 33 14	-42	-65.1	SPECIAL A
254 23 51 05	87	-15.3	SURVEY W-B	255 00 33 19	-39	-60.1	SPECIAL A
254 23 51 09	87	-30.3	SURVEY W-B	255 00 33 23	-45	-60.1	SPECIAL A
254 23 51 13	87	-45.3	SURVEY W-B	255 00 33 28	-51	-60.1	SPECIAL A
254 23 51 21	105	-45.3	SURVEY W-B	255 00 33 33	-57	-60.1	SPECIAL A
254 23 51 25	105	-30.3	SURVEY W-B	255 00 33 38	-63	-60.1	SPECIAL A
254 23 51 30	105	-15.3	SURVEY W-B	255 00 33 41	-69	-60.1	SPECIAL A
254 23 51 35	105	-0.7	SURVEY W-B	255 00 33 46	-75	-60.1	SPECIAL A
254 23 51 38	105	14.4	SURVEY W-B	255 00 33 51	-78	-60.1	SPECIAL A
254 23 51 44	123	14.4	SURVEY W-B	255 00 33 56	-78	-55.2	SPECIAL A
254 23 51 49	123	-0.7	SURVEY W-B	255 00 33 59	-72	-55.2	SPECIAL A
254 23 51 54	123	-15.3	SURVEY W-B	255 00 34 04	-69	-55.2	SPECIAL A
254 23 51 58	123	-30.3	SURVEY W-B	255 00 34 09	-66	-55.2	SPECIAL A
254 23 52 02	123	-45.3	SURVEY W-B	255 00 34 14	-60	-55.2	SPECIAL A
254 23 52 08	123	-60.1	SURVEY W-B	255 00 34 18	-54	-55.2	SPECIAL A
254 23 52 14	105	-60.1	SURVEY W-B	255 00 34 23	-48	-55.2	SPECIAL A
254 23 52 19	87	-60.1	SURVEY W-B	255 00 34 28	-42	-55.2	SPECIAL A
254 23 52 25	69	-60.1	SURVEY W-B	255 00 34 32	-45	-50.2	SPECIAL A
254 23 52 31	51	-60.1	SURVEY W-B	255 00 34 36	-51	-50.2	SPECIAL A
254 23 52 36	33	-60.1	SURVEY W-B	255 00 34 41	-54	-50.2	SPECIAL A
254 23 52 42	15	-60.1	SURVEY W-B	255 00 34 46	-57	-50.2	SPECIAL A
254 23 52 47	-3	-60.1	SURVEY W-B	255 00 34 51	-60	-50.2	SPECIAL A
254 23 52 53	-21	-60.1	SURVEY W-B	255 00 34 54	-63	-50.2	SPECIAL A
254 23 52 59	-39	-60.1	SURVEY W-B	255 00 34 59	-66	-50.2	SPECIAL A
254 23 53 03	-57	-60.1	SURVEY W-B	255 00 35 04	-69	-50.2	SPECIAL A
254 23 53 15	-93	-45.3	SURVEY W-B	255 00 35 09	-72	-50.2	SPECIAL A
254 23 53 20	-93	-30.3	SURVEY W-B	255 00 35 12	-75	-50.2	SPECIAL A
254 23 53 25	-93	-15.3	SURVEY W-B	255 00 35 17	-72	-45.3	SPECIAL A
254 23 53 28	-93	-0.7	SURVEY W-B	255 00 35 22	-66	-45.3	SPECIAL A
254 23 53 34	-111	-0.7	SURVEY W-B	255 00 35 27	-60	-45.3	SPECIAL A
254 23 53 39	-111	-15.3	SURVEY W-B	255 00 35 30	-54	-45.3	SPECIAL A
254 23 53 44	-111	-30.3	SURVEY W-B	255 00 35 35	-48	-45.3	SPECIAL A
254 23 53 48	-111	-45.3	SURVEY W-B	255 00 38 05	39	-50.2	SPECIAL A
254 23 53 53	-129	-45.3	SURVEY W-B	255 00 39 53	39	-50.2	SPECIAL A
254 23 53 58	-129	-30.3	SURVEY W-B	255 00 42 12	45	-50.2	SPECIAL A
254 23 54 03	-129	-15.3	SURVEY W-B	255 00 42 17	51	-50.2	SPECIAL A
254 23 54 07	-129	-0.7	SURVEY W-B	255 00 42 20	54	-45.3	SPECIAL A
254 23 54 13	-147	-0.7	SURVEY W-B	255 00 42 25	48	-45.3	SPECIAL A
254 23 54 17	-147	-15.3	SURVEY W-B	255 00 42 30	42	-45.3	SPECIAL A
254 23 54 21	-147	-30.3	SURVEY W-B	255 00 42 35	36	-45.3	SPECIAL A
254 23 54 26	-147	-45.3	SURVEY W-B	255 00 42 38	39	-40.3	SPECIAL A
254 23 54 32	-165	-45.3	SURVEY W-B	255 00 42 43	45	-40.3	SPECIAL A
254 23 54 36	-165	-30.3	SURVEY W-B	255 00 42 48	51	-40.3	SPECIAL A
254 23 54 40	-165	-15.3	SURVEY W-B	255 00 42 52	57	-40.3	SPECIAL A
254 23 54 45	-165	-0.7	SURVEY W-B	255 00 42 57	54	-35.3	SPECIAL A
254 23 54 51	-183	-0.7	SURVEY W-B	255 00 43 01	48	-35.3	SPECIAL A
254 23 54 55	-183	-15.3	SURVEY W-B	255 00 44 33	81	-40.3	SPECIAL A
254 23 54 59	-183	-35.3	SURVEY W-B	255 00 44 42	81	-40.3	SPECIAL A
254 23 55 04	-183	-45.3	SURVEY W-B	255 00 50 18	84	-40.3	SPECIAL A
254 23 55 11	-201	-45.3	SURVEY W-B	255 00 50 22	87	-40.3	SPECIAL A
254 23 55 53	-198	-45.3	SURVEY W-B	255 00 50 27	90	-40.3	SPECIAL A
254 23 56 31	-198	-30.3	SURVEY W-B	255 00 50 32	93	-40.3	SPECIAL A
254 23 56 36	-198	-15.3	SURVEY W-B	255 00 50 36	96	-40.3	SPECIAL A
254 23 56 39	-198	-0.7	SURVEY W-B	255 00 50 41	99	-40.3	SPECIAL A
254 23 56 44	-198	14.4	SURVEY W-B	255 00 50 45	99	-45.3	SPECIAL A
254 23 56 50	-216	14.4	SURVEY W-B	255 00 50 50	96	-45.3	SPECIAL A
254 23 56 55	-216	-0.7	SURVEY W-B	255 00 50 54	93	-45.3	SPECIAL A
254 23 56 59	-216	-15.3	SURVEY W-B	255 00 50 59	90	-45.3	SPECIAL A
254 23 57 03	-216	-30.3	SURVEY W-B	255 00 51 03	87	-45.3	SPECIAL A
254 23 57 08	-216	-45.3	SURVEY W-B	255 00 51 07	84	-45.3	SPECIAL A
254 23 57 14	-216	-60.1	SURVEY W-B	255 00 51 12	81	-45.3	SPECIAL A
254 23 57 19	-198	-60.1	SURVEY W-B	255 00 51 17	78	-45.3	SPECIAL A
254 23 57 25	-180	-60.1	SURVEY W-B	255 00 51 21	75	-45.3	SPECIAL A
254 23 57 31	-162	-60.1	SURVEY W-B	255 00 56 02	81	-45.3	SPECIAL A
254 23 57 36	-144	-60.1	SURVEY W-B	255 00 57 39	81	-40.3	SPECIAL A
254 23 57 42	-126	-60.1	SURVEY W-B	255 00 58 17	84	-40.3	SPECIAL A
254 23 57 46	-108	-60.1	SURVEY W-B	255 00 58 22	87	-40.3	SPECIAL A
254 23 57 52	-90	-60.1	SURVEY W-B	255 00 58 25	90	-40.3	SPECIAL A
254 23 58 01	-54	-60.1	SURVEY W-B	255 00 58 30	93	-40.3	SPECIAL A
255 00 03 26	-60	-55.2	SPECIAL A	255 00 58 35	96	-40.3	SPECIAL A
255 00 07 37	-60	-60.1	SPECIAL A	255 00 58 40	99	-40.3	SPECIAL A
255 00 09 41	-60	-60.1	SPECIAL A	255 00 58 43	99	-45.3	SPECIAL A

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
255 00 58 48	96	-45.3	SPECIAL A	255 02 37 58	-171	-35.3	SPECIAL A
255 00 58 53	93	-45.3	SPECIAL A	255 02 38 01	-177	-35.3	SPECIAL A
255 00 58 58	90	-45.3	SPECIAL A	255 02 38 07	-180	-30.3	SPECIAL A
255 00 59 01	87	-45.3	SPECIAL A	255 02 38 12	-174	-30.3	SPECIAL A
255 00 59 06	84	-45.3	SPECIAL A	255 02 38 17	-168	-30.3	SPECIAL A
255 00 59 11	81	-45.3	SPECIAL A	255 02 41 56	-195	-35.3	MIRROR A
255 00 59 15	78	-45.3	SPECIAL A	255 02 44 35	-201	-35.3	MIRROR A
255 00 59 19	75	-45.3	SPECIAL A	255 02 44 39	-207	-35.3	MIRROR A
255 00 59 27	90	-50.2	SPECIAL A	255 02 44 43	-213	-35.3	MIRROR A
255 00 59 31	93	-50.2	SPECIAL A	255 02 45 33	-213	-35.3	MIRROR A
255 00 59 36	96	-50.2	SPECIAL A	255 02 45 38	-213	-30.3	MIRROR A
255 00 59 41	99	-50.2	SPECIAL A	255 02 45 43	-210	-30.3	MIRROR A
255 01 58 35	126	-20.3	SPECIAL A	255 02 45 46	-207	-30.3	MIRROR A
255 01 59 57	129	-20.3	SPECIAL A	255 02 45 51	-204	-30.3	MIRROR A
255 02 00 01	129	-15.3	SPECIAL A	255 02 45 56	-201	-30.3	MIRROR A
255 02 00 06	126	-15.3	SPECIAL A	255 02 47 09	-198	-35.3	MIRROR A
255 02 00 12	126	-10.5	SPECIAL A	255 02 47 42	-201	-35.3	MIRROR A
255 02 00 16	129	-10.5	SPECIAL A	255 02 48 34	-204	-35.3	MIRROR A
255 02 01 32	87	-10.5	SPECIAL A	255 02 48 55	-207	-35.3	MIRROR A
255 02 02 07	81	-10.5	SPECIAL A	255 02 50 31	-210	-35.3	MIRROR A
255 02 02 12	75	-10.5	SPECIAL A	255 02 51 07	-210	-40.3	MIRROR A
255 02 02 15	69	-10.5	SPECIAL A	255 02 51 12	-207	-40.3	MIRROR A
255 02 02 20	72	-15.3	SPECIAL A	255 02 51 17	-204	-40.3	MIRROR A
255 02 02 25	75	-15.3	SPECIAL A	255 02 51 21	-201	-40.3	MIRROR A
255 02 02 30	78	-15.3	SPECIAL A	255 02 51 25	-198	-40.3	MIRROR A
255 02 02 33	81	-15.3	SPECIAL A	255 02 51 30	-195	-40.3	MIRROR A
255 02 02 38	84	-15.3	SPECIAL A	255 03 06 38	18	-60.1	FOCUS RANGING A
255 02 02 43	81	-20.3	SPECIAL A	255 03 09 15	18	-60.1	FOCUS RANGING A
255 02 02 48	78	-20.3	SPECIAL A	255 03 10 20	18	-60.1	FOCUS RANGING A
255 02 02 52	75	-20.3	SPECIAL A	255 03 10 24	18	-60.1	FOCUS RANGING A
255 02 02 57	72	-20.3	SPECIAL A	255 03 10 29	18	-60.1	FOCUS RANGING A
255 02 03 01	69	-20.3	SPECIAL A	255 03 10 34	18	-60.1	FOCUS RANGING A
255 02 04 04	75	-20.3	SPECIAL A	255 03 10 38	18	-60.1	FOCUS RANGING A
255 02 04 27	81	-20.3	SPECIAL A	255 03 10 42	18	-60.1	FOCUS RANGING A
255 02 04 33	78	-15.3	SPECIAL A	255 03 10 47	18	-60.1	FOCUS RANGING A
255 02 06 22	78	-15.3	SPECIAL A	255 03 10 51	18	-60.1	FOCUS RANGING A
255 02 08 31	75	-25.3	SPECIAL A	255 03 11 01	18	-55.2	FOCUS RANGING A
255 02 09 40	81	-25.3	SPECIAL A	255 03 11 43	18	-55.2	FOCUS RANGING A
255 02 11 03	81	-20.3	SPECIAL A	255 03 11 48	18	-55.2	FOCUS RANGING A
255 02 13 01	51	-0.7	SPECIAL A	255 03 11 51	18	-55.2	FOCUS RANGING A
255 02 14 48	51	-5.6	SPECIAL A	255 03 11 56	18	-55.2	FOCUS RANGING A
255 02 15 35	51	-5.6	SPECIAL A	255 03 12 01	18	-55.2	FOCUS RANGING A
255 02 17 11	51	-5.6	SPECIAL A	255 03 12 06	18	-55.2	FOCUS RANGING A
255 02 18 43	51	-5.6	SPECIAL A	255 03 12 10	18	-55.2	FOCUS RANGING A
255 02 20 39	51	-5.6	SPECIAL A	255 03 12 14	18	-55.2	FOCUS RANGING A
255 02 20 43	51	-5.6	SPECIAL A	255 03 12 24	18	-50.2	FOCUS RANGING A
255 02 20 48	51	-5.6	SPECIAL A	255 03 12 44	18	-50.2	FOCUS RANGING A
255 02 21 43	51	-5.6	SPECIAL A	255 03 12 49	18	-50.2	FOCUS RANGING A
255 02 21 47	51	-5.6	SPECIAL A	255 03 12 53	18	-50.2	FOCUS RANGING A
255 02 21 52	51	-5.6	SPECIAL A	255 03 12 57	18	-50.2	FOCUS RANGING A
255 02 22 22	51	-5.6	SPECIAL A	255 03 13 02	18	-50.2	FOCUS RANGING A
255 02 22 27	51	-5.6	SPECIAL A	255 03 13 07	18	-50.2	FOCUS RANGING A
255 02 22 32	51	-5.6	SPECIAL A	255 03 13 11	18	-50.2	FOCUS RANGING A
255 02 23 24	51	-5.6	SPECIAL A	255 03 13 15	18	-50.2	FOCUS RANGING A
255 02 23 29	51	-5.6	SPECIAL A	255 03 13 25	18	-45.3	FOCUS RANGING A
255 02 23 34	51	-5.6	SPECIAL A	255 03 13 47	18	-45.3	FOCUS RANGING A
255 02 24 35	51	-5.6	SPECIAL A	255 03 13 52	18	29.2	FOCUS RANGING A
255 02 27 04	-216	-15.3	SPECIAL A	255 03 13 57	18	-45.3	FOCUS RANGING A
255 02 28 22	-216	-10.5	SPECIAL A	255 03 14 02	18	-45.3	FOCUS RANGING A
255 02 29 24	-219	-10.5	SPECIAL A	255 03 14 06	18	-45.3	FOCUS RANGING A
255 02 29 29	-219	-15.3	SPECIAL A	255 03 14 10	18	-45.3	FOCUS RANGING A
255 02 29 34	-216	-15.3	SPECIAL A	255 03 14 15	18	-45.3	FOCUS RANGING A
255 02 29 40	-216	-20.3	SPECIAL A	255 03 14 20	18	-45.3	FOCUS RANGING A
255 02 29 45	-219	-20.3	SPECIAL A	255 03 14 28	18	-40.3	FOCUS RANGING A
255 02 30 40	-210	-40.3	SPECIAL A	255 03 14 46	18	-40.3	FOCUS RANGING A
255 02 31 33	-213	-40.3	SPECIAL A	255 03 14 51	18	-40.3	FOCUS RANGING A
255 02 31 55	-216	-40.3	SPECIAL A	255 03 14 55	18	-40.3	FOCUS RANGING A
255 02 32 24	-219	-40.3	SPECIAL A	255 03 15 00	18	-40.3	FOCUS RANGING A
255 02 32 29	-213	-45.3	SPECIAL A	255 03 15 04	18	-40.3	FOCUS RANGING A
255 02 32 33	-210	-45.3	SPECIAL A	255 03 15 09	18	-40.3	FOCUS RANGING A
255 02 32 38	-207	-45.3	SPECIAL A	255 03 15 13	18	-40.3	FOCUS RANGING A
255 02 32 42	-204	-45.3	SPECIAL A	255 03 15 18	18	-40.3	FOCUS RANGING A
255 02 33 37	-201	-45.3	SPECIAL A	255 03 15 28	18	-35.3	FOCUS RANGING A
255 02 33 42	-201	-50.2	SPECIAL A	255 03 16 07	18	-35.3	FOCUS RANGING A
255 02 34 13	-204	-50.2	SPECIAL A	255 03 16 12	18	-35.3	FOCUS RANGING A
255 02 34 43	-207	-50.2	SPECIAL A	255 03 16 17	18	-35.3	FOCUS RANGING A
255 02 34 47	-210	-50.2	SPECIAL A	255 03 16 22	18	-35.3	FOCUS RANGING A
255 02 34 52	-213	-50.2	SPECIAL A	255 03 16 26	18	-35.3	FOCUS RANGING A
255 02 34 57	-216	-50.2	SPECIAL A	255 03 16 30	18	-35.3	FOCUS RANGING A
255 02 35 57	-174	-45.3	SPECIAL A	255 03 16 35	18	-35.3	FOCUS RANGING A
255 02 37 14	-168	-45.3	SPECIAL A	255 03 16 40	18	-35.3	FOCUS RANGING A
255 02 37 20	-174	-40.3	SPECIAL A	255 03 16 48	18	-30.3	FOCUS RANGING A
255 02 37 25	-168	-40.3	SPECIAL A	255 03 17 40	18	-30.3	FOCUS RANGING A
255 02 37 30	-162	-40.3	SPECIAL A	255 03 17 45	18	-30.3	FOCUS RANGING A
255 02 37 34	-156	-40.3	SPECIAL A	255 03 17 50	18	-30.3	FOCUS RANGING A
255 02 37 38	-150	-40.3	SPECIAL A	255 03 17 55	18	-30.3	FOCUS RANGING A
255 02 37 43	-153	-35.3	SPECIAL A	255 03 17 58	18	-30.3	FOCUS RANGING A
255 02 37 48	-159	-35.3	SPECIAL A	255 03 18 03	18	-30.3	FOCUS RANGING A
255 02 37 53	-165	-35.3	SPECIAL A	255 03 18 08	18	-30.3	FOCUS RANGING A

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
255 04 22 56	36	-10.5	FOCUS RANGING A	255 04 54 15	12	-45.3	SURVEY A SECTORS 13,14
255 04 23 01	36	-10.5	FOCUS RANGING A	255 04 54 19	6	-45.3	SURVEY A SECTORS 13,14
255 04 23 05	36	-10.5	FOCUS RANGING A	255 04 54 23	3	-40.3	SURVEY A SECTORS 13,14
255 04 23 14	36	-5.6	FOCUS RANGING A	255 04 54 28	9	-40.3	SURVEY A SECTORS 13,14
255 04 27 29	36	-5.6	FOCUS RANGING A	255 04 54 33	15	-40.3	SURVEY A SECTORS 13,14
255 04 27 54	36	-5.6	FOCUS RANGING A	255 04 54 37	21	-40.3	SURVEY A SECTORS 13,14
255 04 27 59	36	-5.6	FOCUS RANGING A	255 04 54 41	27	-40.3	SURVEY A SECTORS 13,14
255 04 28 02	36	-5.6	FOCUS RANGING A	255 04 54 46	30	-35.3	SURVEY A SECTORS 13,14
255 04 28 07	36	-5.6	FOCUS RANGING A	255 04 54 50	24	-35.3	SURVEY A SECTORS 13,14
255 04 28 12	36	-5.6	FOCUS RANGING A	255 04 54 55	18	-35.3	SURVEY A SECTORS 13,14
255 04 28 17	36	-5.6	FOCUS RANGING A	255 04 54 59	12	-35.3	SURVEY A SECTORS 13,14
255 04 28 21	36	-5.6	FOCUS RANGING A	255 04 55 04	6	-35.3	SURVEY A SECTORS 13,14
255 04 28 25	36	-5.6	FOCUS RANGING A	255 04 55 23	3	-30.3	SURVEY A SECTORS 13,14
255 04 28 33	36	-0.7	FOCUS RANGING A	255 04 55 28	9	-30.3	SURVEY A SECTORS 13,14
255 04 28 55	36	-0.7	FOCUS RANGING A	255 04 55 32	15	-30.3	SURVEY A SECTORS 13,14
255 04 29 00	36	-0.7	FOCUS RANGING A	255 04 55 37	21	-30.3	SURVEY A SECTORS 13,14
255 04 29 05	36	-0.7	FOCUS RANGING A	255 04 55 41	27	-30.3	SURVEY A SECTORS 13,14
255 04 29 08	36	-0.7	FOCUS RANGING A	255 04 55 45	30	-25.3	SURVEY A SECTORS 13,14
255 04 29 13	36	-0.7	FOCUS RANGING A	255 04 55 50	24	-25.3	SURVEY A SECTORS 13,14
255 04 29 18	36	-0.7	FOCUS RANGING A	255 04 55 55	18	-25.3	SURVEY A SECTORS 13,14
255 04 29 22	36	-0.7	FOCUS RANGING A	255 04 56 00	12	-25.3	SURVEY A SECTORS 13,14
255 04 29 26	36	-0.7	FOCUS RANGING A	255 04 56 03	6	-25.3	SURVEY A SECTORS 13,14
255 04 29 34	36	4.3	FOCUS RANGING A	255 04 56 08	3	-20.3	SURVEY A SECTORS 13,14
255 04 30 02	36	4.3	FOCUS RANGING A	255 04 56 13	9	-20.3	SURVEY A SECTORS 13,14
255 04 30 06	36	4.3	FOCUS RANGING A	255 04 56 18	15	-20.3	SURVEY A SECTORS 13,14
255 04 30 10	36	4.3	FOCUS RANGING A	255 04 56 21	21	-20.3	SURVEY A SECTORS 13,14
255 04 30 15	36	4.3	FOCUS RANGING A	255 04 56 26	27	-20.3	SURVEY A SECTORS 13,14
255 04 30 20	36	4.3	FOCUS RANGING A	255 04 56 31	30	-15.3	SURVEY A SECTORS 13,14
255 04 30 23	36	4.3	FOCUS RANGING A	255 04 56 36	24	-15.3	SURVEY A SECTORS 13,14
255 04 30 28	36	4.3	FOCUS RANGING A	255 04 56 39	18	-15.3	SURVEY A SECTORS 13,14
255 04 30 33	36	4.3	FOCUS RANGING A	255 04 56 44	12	-15.3	SURVEY A SECTORS 13,14
255 04 30 41	36	9.3	FOCUS RANGING A	255 04 56 49	6	-15.3	SURVEY A SECTORS 13,14
255 04 31 03	36	9.3	FOCUS RANGING A	255 04 56 54	3	-10.5	SURVEY A SECTORS 13,14
255 04 31 08	36	9.3	FOCUS RANGING A	255 04 56 58	9	-10.5	SURVEY A SECTORS 13,14
255 04 31 13	36	9.3	FOCUS RANGING A	255 04 57 03	15	-10.5	SURVEY A SECTORS 13,14
255 04 31 17	36	9.3	FOCUS RANGING A	255 04 57 07	21	-10.5	SURVEY A SECTORS 13,14
255 04 31 21	36	9.3	FOCUS RANGING A	255 04 57 12	27	-10.5	SURVEY A SECTORS 13,14
255 04 31 26	36	9.3	FOCUS RANGING A	255 04 57 16	30	-5.6	SURVEY A SECTORS 13,14
255 04 31 30	36	9.3	FOCUS RANGING A	255 04 57 21	24	-5.6	SURVEY A SECTORS 13,14
255 04 31 35	36	9.3	FOCUS RANGING A	255 04 57 25	18	-5.6	SURVEY A SECTORS 13,14
255 04 31 44	36	14.4	FOCUS RANGING A	255 04 57 30	12	-5.6	SURVEY A SECTORS 13,14
255 04 32 20	36	14.4	FOCUS RANGING A	255 04 57 34	6	-5.6	SURVEY A SECTORS 13,14
255 04 32 24	36	14.4	FOCUS RANGING A	255 04 57 43	3	-0.7	SURVEY A SECTORS 13,14
255 04 32 29	36	14.4	FOCUS RANGING A	255 04 57 48	9	-0.7	SURVEY A SECTORS 13,14
255 04 32 34	36	14.4	FOCUS RANGING A	255 04 57 52	15	-0.7	SURVEY A SECTORS 13,14
255 04 32 37	36	14.4	FOCUS RANGING A	255 04 57 57	21	-0.7	SURVEY A SECTORS 13,14
255 04 32 42	36	14.4	FOCUS RANGING A	255 04 58 01	27	-0.7	SURVEY A SECTORS 13,14
255 04 32 47	36	14.4	FOCUS RANGING A	255 04 58 05	30	4.3	SURVEY A SECTORS 13,14
255 04 32 52	36	14.4	FOCUS RANGING A	255 04 58 10	24	4.3	SURVEY A SECTORS 13,14
255 04 33 00	36	19.4	FOCUS RANGING A	255 04 58 15	18	4.3	SURVEY A SECTORS 13,14
255 04 33 31	36	19.4	FOCUS RANGING A	255 04 58 20	12	4.3	SURVEY A SECTORS 13,14
255 04 33 36	36	19.4	FOCUS RANGING A	255 04 58 23	6	4.3	SURVEY A SECTORS 13,14
255 04 33 41	36	19.4	FOCUS RANGING A	255 04 58 28	3	9.3	SURVEY A SECTORS 13,14
255 04 33 44	36	19.4	FOCUS RANGING A	255 04 58 33	9	9.3	SURVEY A SECTORS 13,14
255 04 33 49	36	19.4	FOCUS RANGING A	255 04 58 38	15	9.3	SURVEY A SECTORS 13,14
255 04 33 54	36	19.4	FOCUS RANGING A	255 04 58 43	21	9.3	SURVEY A SECTORS 13,14
255 04 34 01	36	24.3	FOCUS RANGING A	255 04 58 46	27	9.3	SURVEY A SECTORS 13,14
255 04 34 28	36	24.3	FOCUS RANGING A	255 04 58 51	30	14.4	SURVEY A SECTORS 13,14
255 04 34 32	36	24.3	FOCUS RANGING A	255 04 58 56	24	14.4	SURVEY A SECTORS 13,14
255 04 34 37	36	24.3	FOCUS RANGING A	255 04 59 01	18	14.4	SURVEY A SECTORS 13,14
255 04 37 13	36	24.3	FOCUS RANGING A	255 04 59 05	12	14.4	SURVEY A SECTORS 13,14
255 04 38 53	36	29.2	FOCUS RANGING A	255 04 59 09	6	14.4	SURVEY A SECTORS 13,14
255 04 39 21	36	29.2	FOCUS RANGING A	255 04 59 14	3	19.4	SURVEY A SECTORS 13,14
255 04 39 26	36	29.2	FOCUS RANGING A	255 05 00 05	3	19.4	SURVEY A SECTORS 13,14
255 04 39 30	36	29.2	FOCUS RANGING A	255 05 01 01	9	19.4	SURVEY A SECTORS 13,14
255 04 39 34	36	29.2	FOCUS RANGING A	255 05 01 06	15	19.4	SURVEY A SECTORS 13,14
255 04 39 39	36	29.2	FOCUS RANGING A	255 05 01 11	21	19.4	SURVEY A SECTORS 13,14
255 04 39 43	36	29.2	FOCUS RANGING A	255 05 01 16	27	19.4	SURVEY A SECTORS 13,14
255 04 39 51	36	29.2	FOCUS RANGING A	255 05 01 19	30	24.3	SURVEY A SECTORS 13,14
255 04 50 28	3	-60.1	SURVEY A SECTORS 13,14	255 05 01 24	24	24.3	SURVEY A SECTORS 13,14
255 04 51 41	3	-60.1	SURVEY A SECTORS 13,14	255 05 01 29	18	24.3	SURVEY A SECTORS 13,14
255 04 52 53	3	-60.1	SURVEY A SECTORS 13,14	255 05 01 34	12	24.3	SURVEY A SECTORS 13,14
255 04 52 58	9	-60.1	SURVEY A SECTORS 13,14	255 05 01 37	6	24.3	SURVEY A SECTORS 13,14
255 04 53 03	15	-60.1	SURVEY A SECTORS 13,14	255 05 01 42	3	29.2	SURVEY A SECTORS 13,14
255 04 53 06	21	-60.1	SURVEY A SECTORS 13,14	255 05 01 47	9	29.2	SURVEY A SECTORS 13,14
255 04 53 11	27	-60.1	SURVEY A SECTORS 13,14	255 05 01 52	15	29.2	SURVEY A SECTORS 13,14
255 04 53 16	30	-55.2	SURVEY A SECTORS 13,14	255 05 01 55	21	29.2	SURVEY A SECTORS 13,14
255 04 53 21	24	-55.2	SURVEY A SECTORS 13,14	255 05 02 00	27	29.2	SURVEY A SECTORS 13,14
255 04 53 24	18	-55.2	SURVEY A SECTORS 13,14	255 05 03 12	30	-60.1	SURVEY A SECTORS 13,14
255 04 53 29	12	-55.2	SURVEY A SECTORS 13,14	255 05 05 01	33	-60.1	SURVEY A SECTORS 13,14
255 04 53 34	6	-55.2	SURVEY A SECTORS 13,14	255 05 05 51	33	-60.1	SURVEY A SECTORS 13,14
255 04 53 39	3	-50.2	SURVEY A SECTORS 13,14	255 05 05 56	39	-60.1	SURVEY A SECTORS 15,16
255 04 53 42	9	-50.2	SURVEY A SECTORS 13,14	255 05 05 59	45	-60.1	SURVEY A SECTORS 15,16
255 04 53 47	15	-50.2	SURVEY A SECTORS 13,14	255 05 06 04	51	-60.1	SURVEY A SECTORS 15,16
255 04 53 52	21	-50.2	SURVEY A SECTORS 13,14	255 05 06 09	57	-60.1	SURVEY A SECTORS 15,16
255 04 53 57	27	-50.2	SURVEY A SECTORS 13,14	255 05 06 14	60	-55.2	SURVEY A SECTORS 15,16
255 04 54 01	30	-45.3	SURVEY A SECTORS 13,14	255 05 06 17	54	-55.2	SURVEY A SECTORS 15,16
255 04 54 05	24	-45.3	SURVEY A SECTORS 13,14	255 05 06 22	48	-55.2	SURVEY A SECTORS 15,16
255 04 54 10	18	-45.3	SURVEY A SECTORS 13,14	255 05 06 27	42	-55.2	SURVEY A SECTORS 15,16

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
255 05 06 32	36	-55.2	SURVEY A SECTORS 13,14	255 05 23 41	60	-60.1	SURVEY A SECTORS 15,16
255 05 06 35	33	-50.2	SURVEY A SECTORS 13,14	255 05 23 44	66	-60.1	SURVEY A SECTORS 15,16
255 05 06 40	39	-50.2	SURVEY A SECTORS 15,16	255 05 23 49	72	-60.1	SURVEY A SECTORS 15,16
255 05 06 45	45	-50.2	SURVEY A SECTORS 15,16	255 05 23 54	78	-60.1	SURVEY A SECTORS 17,18
255 05 06 50	51	-50.2	SURVEY A SECTORS 15,16	255 05 23 59	84	-60.1	SURVEY A SECTORS 17,18
255 05 06 53	57	-50.2	SURVEY A SECTORS 15,16	255 05 24 02	90	-60.1	SURVEY A SECTORS 17,18
255 05 06 58	60	-45.3	SURVEY A SECTORS 15,16	255 05 24 07	93	-55.2	SURVEY A SECTORS 17,18
255 05 07 03	54	-45.3	SURVEY A SECTORS 15,16	255 05 24 12	87	-55.2	SURVEY A SECTORS 17,18
255 05 07 07	48	-45.3	SURVEY A SECTORS 15,16	255 05 24 17	81	-55.2	SURVEY A SECTORS 17,18
255 05 07 12	42	-45.3	SURVEY A SECTORS 15,16	255 05 24 20	75	-55.2	SURVEY A SECTORS 17,18
255 05 07 16	36	-45.3	SURVEY A SECTORS 13,14	255 05 24 25	69	-55.2	SURVEY A SECTORS 15,16
255 05 07 21	33	-40.3	SURVEY A SECTORS 13,14	255 05 24 30	63	-55.2	SURVEY A SECTORS 15,16
255 05 07 25	39	-40.3	SURVEY A SECTORS 15,16	255 05 24 34	60	-50.2	SURVEY A SECTORS 15,16
255 05 07 30	45	-40.3	SURVEY A SECTORS 15,16	255 05 24 38	66	-50.2	SURVEY A SECTORS 15,16
255 05 07 34	51	-40.3	SURVEY A SECTORS 15,16	255 05 24 43	72	-50.2	SURVEY A SECTORS 15,16
255 05 07 39	57	-40.3	SURVEY A SECTORS 15,16	255 05 24 48	78	-50.2	SURVEY A SECTORS 17,18
255 05 07 43	60	-35.3	SURVEY A SECTORS 15,16	255 05 24 52	84	-50.2	SURVEY A SECTORS 17,18
255 05 07 48	54	-35.3	SURVEY A SECTORS 15,16	255 05 24 57	90	-50.2	SURVEY A SECTORS 17,18
255 05 07 52	48	-35.3	SURVEY A SECTORS 15,16	255 05 25 01	93	-45.3	SURVEY A SECTORS 17,18
255 05 07 57	42	-35.3	SURVEY A SECTORS 15,16	255 05 25 06	87	-45.3	SURVEY A SECTORS 17,18
255 05 08 01	36	-35.3	SURVEY A SECTORS 13,14	255 05 25 10	81	-45.3	SURVEY A SECTORS 17,18
255 05 08 22	33	-30.3	SURVEY A SECTORS 13,14	255 05 25 15	75	-45.3	SURVEY A SECTORS 17,18
255 05 08 26	39	-30.3	SURVEY A SECTORS 15,16	255 05 25 19	69	-45.3	SURVEY A SECTORS 15,16
255 05 08 31	45	-30.3	SURVEY A SECTORS 15,16	255 05 25 24	63	-45.3	SURVEY A SECTORS 15,16
255 05 08 35	51	-30.3	SURVEY A SECTORS 15,16	255 05 25 28	60	-40.3	SURVEY A SECTORS 15,16
255 05 08 40	57	-30.3	SURVEY A SECTORS 15,16	255 05 25 33	66	-40.3	SURVEY A SECTORS 15,16
255 05 08 44	60	-25.3	SURVEY A SECTORS 15,16	255 05 25 37	72	-40.3	SURVEY A SECTORS 15,16
255 05 08 49	54	-25.3	SURVEY A SECTORS 15,16	255 05 25 41	78	-40.3	SURVEY A SECTORS 17,18
255 05 08 53	48	-25.3	SURVEY A SECTORS 15,16	255 05 25 46	84	-40.3	SURVEY A SECTORS 17,18
255 05 08 58	42	-25.3	SURVEY A SECTORS 15,16	255 05 25 51	90	-40.3	SURVEY A SECTORS 17,18
255 05 09 02	36	-25.3	SURVEY A SECTORS 13,14	255 05 25 55	93	-35.3	SURVEY A SECTORS 17,18
255 05 09 07	33	-20.3	SURVEY A SECTORS 13,14	255 05 25 59	87	-35.3	SURVEY A SECTORS 17,18
255 05 09 11	39	-20.3	SURVEY A SECTORS 15,16	255 05 26 04	81	-35.3	SURVEY A SECTORS 17,18
255 05 09 16	45	-20.3	SURVEY A SECTORS 15,16	255 05 26 09	75	-35.3	SURVEY A SECTORS 17,18
255 05 09 20	51	-20.3	SURVEY A SECTORS 15,16	255 05 26 13	69	-35.3	SURVEY A SECTORS 15,16
255 05 09 25	57	-20.3	SURVEY A SECTORS 15,16	255 05 26 17	63	-35.3	SURVEY A SECTORS 15,16
255 05 09 29	60	-15.3	SURVEY A SECTORS 15,16	255 05 26 23	60	-30.3	SURVEY A SECTORS 15,16
255 05 09 34	54	-15.3	SURVEY A SECTORS 15,16	255 05 26 28	66	-30.3	SURVEY A SECTORS 15,16
255 05 09 38	48	-15.3	SURVEY A SECTORS 15,16	255 05 26 32	72	-30.3	SURVEY A SECTORS 15,16
255 05 09 43	42	-15.3	SURVEY A SECTORS 15,16	255 05 26 36	78	-30.3	SURVEY A SECTORS 17,18
255 05 09 47	36	-15.3	SURVEY A SECTORS 13,14	255 05 26 41	84	-30.3	SURVEY A SECTORS 17,18
255 05 09 51	33	-10.5	SURVEY A SECTORS 13,14	255 05 26 46	90	-30.3	SURVEY A SECTORS 17,18
255 05 09 56	39	-10.5	SURVEY A SECTORS 15,16	255 05 26 50	93	-25.3	SURVEY A SECTORS 17,18
255 05 10 01	45	-10.5	SURVEY A SECTORS 15,16	255 05 26 54	87	-25.3	SURVEY A SECTORS 17,18
255 05 10 05	51	-10.5	SURVEY A SECTORS 15,16	255 05 26 59	81	-25.3	SURVEY A SECTORS 17,18
255 05 10 09	57	-10.5	SURVEY A SECTORS 15,16	255 05 27 04	75	-25.3	SURVEY A SECTORS 17,18
255 05 10 15	57	-5.6	SURVEY A SECTORS 15,16	255 05 27 08	69	-25.3	SURVEY A SECTORS 15,16
255 05 10 20	51	-5.6	SURVEY A SECTORS 15,16	255 05 27 12	63	-25.3	SURVEY A SECTORS 15,16
255 05 10 25	45	-5.6	SURVEY A SECTORS 15,16	255 05 27 17	60	-20.3	SURVEY A SECTORS 15,16
255 05 10 30	39	-5.6	SURVEY A SECTORS 15,16	255 05 27 22	66	-20.3	SURVEY A SECTORS 15,16
255 05 10 33	33	-5.6	SURVEY A SECTORS 13,14	255 05 27 27	72	-20.3	SURVEY A SECTORS 15,16
255 05 11 18	33	-5.6	SURVEY A SECTORS 13,14	255 05 27 30	78	-20.3	SURVEY A SECTORS 17,18
255 05 11 43	30	-0.7	SURVEY A SECTORS 13,14	255 05 27 35	84	-20.3	SURVEY A SECTORS 17,18
255 05 11 46	36	-0.7	SURVEY A SECTORS 13,14	255 05 27 40	90	-20.3	SURVEY A SECTORS 17,18
255 05 11 51	42	-0.7	SURVEY A SECTORS 15,16	255 05 27 45	93	-15.3	SURVEY A SECTORS 17,18
255 05 11 56	48	-0.7	SURVEY A SECTORS 15,16	255 05 27 49	87	-15.3	SURVEY A SECTORS 17,18
255 05 12 01	54	-0.7	SURVEY A SECTORS 15,16	255 05 27 54	81	-15.3	SURVEY A SECTORS 17,18
255 05 12 04	57	4.3	SURVEY A SECTORS 15,16	255 05 27 58	75	-15.3	SURVEY A SECTORS 17,18
255 05 12 09	51	4.3	SURVEY A SECTORS 15,16	255 05 28 03	69	-15.3	SURVEY A SECTORS 15,16
255 05 12 14	45	4.3	SURVEY A SECTORS 15,16	255 05 28 07	63	-15.3	SURVEY A SECTORS 15,16
255 05 12 19	39	4.3	SURVEY A SECTORS 15,16	255 05 28 12	60	-10.5	SURVEY A SECTORS 15,16
255 05 12 22	33	4.3	SURVEY A SECTORS 13,14	255 05 28 16	66	-10.5	SURVEY A SECTORS 15,16
255 05 12 28	30	9.3	SURVEY A SECTORS 13,14	255 05 28 21	72	-10.5	SURVEY A SECTORS 15,16
255 05 12 32	36	9.3	SURVEY A SECTORS 13,14	255 05 28 25	78	-10.5	SURVEY A SECTORS 17,18
255 05 12 37	42	9.3	SURVEY A SECTORS 15,16	255 05 28 30	84	-10.5	SURVEY A SECTORS 17,18
255 05 12 41	48	9.3	SURVEY A SECTORS 15,16	255 05 28 34	90	-10.5	SURVEY A SECTORS 17,18
255 05 12 46	54	9.3	SURVEY A SECTORS 15,16	255 05 28 38	93	-5.6	SURVEY A SECTORS 17,18
255 05 12 51	57	14.4	SURVEY A SECTORS 15,16	255 05 28 43	87	-5.6	SURVEY A SECTORS 17,18
255 05 12 56	51	14.4	SURVEY A SECTORS 15,16	255 05 28 48	81	-5.6	SURVEY A SECTORS 17,18
255 05 13 00	45	14.4	SURVEY A SECTORS 15,16	255 05 28 52	75	-5.6	SURVEY A SECTORS 17,18
255 05 13 05	39	14.4	SURVEY A SECTORS 15,16	255 05 28 56	69	-5.6	SURVEY A SECTORS 15,16
255 05 13 09	33	14.4	SURVEY A SECTORS 13,14	255 05 29 01	63	-5.6	SURVEY A SECTORS 15,16
255 05 13 14	30	19.4	SURVEY A SECTORS 13,14	255 05 29 04	60	-0.7	SURVEY A SECTORS 15,16
255 05 13 18	36	19.4	SURVEY A SECTORS 13,14	255 05 29 09	66	-0.7	SURVEY A SECTORS 15,16
255 05 13 23	42	19.4	SURVEY A SECTORS 15,16	255 05 29 13	72	-0.7	SURVEY A SECTORS 15,16
255 05 13 27	48	19.4	SURVEY A SECTORS 15,16	255 05 29 17	78	-0.7	SURVEY A SECTORS 17,18
255 05 13 32	54	19.4	SURVEY A SECTORS 15,16	255 05 29 22	84	-0.7	SURVEY A SECTORS 17,18
255 05 13 36	57	24.3	SURVEY A SECTORS 15,16	255 05 29 27	90	-0.7	SURVEY A SECTORS 17,18
255 05 13 41	51	24.3	SURVEY A SECTORS 15,16	255 05 29 31	93	4.3	SURVEY A SECTORS 17,18
255 05 13 45	45	24.3	SURVEY A SECTORS 15,16	255 05 29 35	87	4.3	SURVEY A SECTORS 17,18
255 05 13 50	39	24.3	SURVEY A SECTORS 15,16	255 05 30 00	81	4.3	SURVEY A SECTORS 17,18
255 05 13 54	33	24.3	SURVEY A SECTORS 13,14	255 05 30 05	75	4.3	SURVEY A SECTORS 17,18
255 05 13 59	30	29.2	SURVEY A SECTORS 13,14	255 05 30 09	69	4.3	SURVEY A SECTORS 15,16
255 05 14 03	36	29.2	SURVEY A SECTORS 13,14	255 05 30 14	63	4.3	SURVEY A SECTORS 15,16
255 05 14 07	42	29.2	SURVEY A SECTORS 15,16	255 05 30 18	60	9.3	SURVEY A SECTORS 15,16
255 05 14 12	48	29.2	SURVEY A SECTORS 15,16	255 05 30 22	66	9.3	SURVEY A SECTORS 15,16
255 05 14 17	54	29.2	SURVEY A SECTORS 15,16	255 05 30 27	72	9.3	SURVEY A SECTORS 15,16
255 05 14 54	60	-60.1	SURVEY A SECTORS 15,16	255 05 30 32	78	9.3	SURVEY A SECTORS 17,18
255 05 23 05	60	-60.1	SURVEY A SECTORS 15,16	255 05 30 36	84	9.3	SURVEY A SECTORS 17,18

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
255 05 30 40	90	9.3	SURVEY A SECTORS 17,18	255 05 40 45	114	-0.7	SURVEY A SECTOR 19
255 05 30 45	93	14.4	SURVEY A SECTORS 17,18	255 05 40 48	120	-0.7	SURVEY A SECTOR 19
255 05 30 50	87	14.4	SURVEY A SECTORS 17,18	255 05 40 54	123	4.3	SURVEY A SECTOR 19
255 05 30 55	81	14.4	SURVEY A SECTORS 17,18	255 05 40 59	117	4.3	SURVEY A SECTOR 19
255 05 31 00	75	14.4	SURVEY A SECTORS 17,18	255 05 41 04	111	4.3	SURVEY A SECTOR 19
255 05 31 03	69	14.4	SURVEY A SECTORS 15,16	255 05 41 08	105	4.3	SURVEY A SECTORS 17,18
255 05 31 08	63	14.4	SURVEY A SECTORS 15,16	255 05 41 12	99	4.3	SURVEY A SECTORS 17,18
255 05 31 13	60	19.4	SURVEY A SECTORS 15,16	255 05 41 18	96	9.3	SURVEY A SECTORS 17,18
255 05 31 17	66	19.4	SURVEY A SECTORS 15,16	255 05 41 22	102	9.3	SURVEY A SECTORS 17,18
255 05 31 21	72	19.4	SURVEY A SECTORS 15,16	255 05 41 26	108	9.3	SURVEY A SECTORS 17,18
255 05 31 26	78	19.4	SURVEY A SECTORS 17,18	255 05 41 31	114	9.3	SURVEY A SECTOR 19
255 05 31 31	84	19.4	SURVEY A SECTORS 17,18	255 05 41 36	120	9.3	SURVEY A SECTOR 19
255 05 31 35	90	19.4	SURVEY A SECTORS 17,18	255 05 41 40	123	14.4	SURVEY A SECTOR 19
255 05 31 39	93	24.3	SURVEY A SECTORS 17,18	255 05 41 44	117	14.4	SURVEY A SECTOR 19
255 05 31 44	87	24.3	SURVEY A SECTORS 17,18	255 05 41 49	111	14.4	SURVEY A SECTOR 19
255 05 31 49	81	24.3	SURVEY A SECTORS 17,18	255 05 41 54	105	14.4	SURVEY A SECTORS 17,18
255 05 31 53	75	24.3	SURVEY A SECTORS 17,18	255 05 41 57	99	14.4	SURVEY A SECTORS 17,18
255 05 31 58	69	24.3	SURVEY A SECTORS 15,16	255 05 42 02	96	19.4	SURVEY A SECTORS 17,18
255 05 32 02	63	24.3	SURVEY A SECTORS 15,16	255 05 42 07	102	19.4	SURVEY A SECTORS 17,18
255 05 32 07	60	29.2	SURVEY A SECTORS 15,16	255 05 42 12	108	19.4	SURVEY A SECTORS 17,18
255 05 32 11	66	29.2	SURVEY A SECTORS 15,16	255 05 42 17	114	19.4	SURVEY A SECTOR 19
255 05 32 16	72	29.2	SURVEY A SECTORS 15,16	255 05 42 20	120	19.4	SURVEY A SECTOR 19
255 05 32 20	78	29.2	SURVEY A SECTORS 17,18	255 05 43 36	60	-60.1	SURVEY A SECTOR 19
255 05 32 24	84	29.2	SURVEY A SECTORS 17,18	255 05 44 29	0	-60.1	SURVEY A SECTOR 19
255 05 32 29	90	29.2	SURVEY A SECTORS 17,18	255 05 45 22	-63	-60.1	SURVEY A SECTOR 19
255 05 33 06	96	-60.1	SURVEY A SECTORS 17,18	255 05 54 03	-69	-65.1	SURVEY A SECTORS 9,10
255 05 33 57	96	-60.1	SURVEY A SECTORS 17,18	255 05 55 49	-63	-65.1	SURVEY A SECTORS 9,10
255 05 34 00	102	-60.1	SURVEY A SECTORS 17,18	255 05 55 53	-57	-65.1	SURVEY A SECTORS 9,10
255 05 34 05	108	-60.1	SURVEY A SECTORS 17,18	255 05 55 57	-51	-65.1	SURVEY A SECTORS 9,10
255 05 34 10	114	-60.1	SURVEY A SECTOR 19	255 05 56 02	-45	-65.1	SURVEY A SECTORS 9,10
255 05 34 15	120	-60.1	SURVEY A SECTOR 19	255 05 56 07	-39	-65.1	SURVEY A SECTORS 9,10
255 05 34 18	123	-55.2	SURVEY A SECTOR 19	255 05 56 10	-33	-65.1	SURVEY A SECTORS 11,12
255 05 34 23	117	-55.2	SURVEY A SECTOR 19	255 05 56 15	-30	-60.1	SURVEY A SECTORS 11,12
255 05 34 28	111	-55.2	SURVEY A SECTOR 19	255 05 56 20	-36	-60.1	SURVEY A SECTORS 9,10
255 05 34 32	105	-55.2	SURVEY A SECTORS 17,18	255 05 56 25	-42	-60.1	SURVEY A SECTORS 9,10
255 05 34 36	99	-55.2	SURVEY A SECTORS 17,18	255 05 56 28	-48	-60.1	SURVEY A SECTORS 9,10
255 05 34 41	96	-50.2	SURVEY A SECTORS 17,18	255 05 56 33	-54	-60.1	SURVEY A SECTORS 9,10
255 05 34 46	102	-50.2	SURVEY A SECTORS 17,18	255 05 56 38	-60	-60.1	SURVEY A SECTORS 9,10
255 05 34 50	108	-50.2	SURVEY A SECTORS 17,18	255 05 56 43	-66	-60.1	SURVEY A SECTORS 9,10
255 05 34 54	114	-50.2	SURVEY A SECTOR 19	255 05 56 46	-69	-55.2	SURVEY A SECTORS 9,10
255 05 34 59	120	-50.2	SURVEY A SECTOR 19	255 05 56 51	-63	-55.2	SURVEY A SECTORS 9,10
255 05 35 04	123	-45.3	SURVEY A SECTOR 19	255 05 56 56	-57	-55.2	SURVEY A SECTORS 9,10
255 05 35 08	117	-45.3	SURVEY A SECTOR 19	255 05 57 01	-51	-55.2	SURVEY A SECTORS 9,10
255 05 35 13	111	-45.3	SURVEY A SECTOR 19	255 05 57 06	-45	-55.2	SURVEY A SECTORS 9,10
255 05 35 17	105	-45.3	SURVEY A SECTORS 17,18	255 05 57 09	-39	-55.2	SURVEY A SECTORS 9,10
255 05 35 22	99	-45.3	SURVEY A SECTORS 17,18	255 05 57 14	-33	-55.2	SURVEY A SECTORS 11,12
255 05 35 26	96	-40.3	SURVEY A SECTORS 17,18	255 05 57 19	-30	-50.2	SURVEY A SECTORS 11,12
255 05 35 31	102	-40.3	SURVEY A SECTORS 17,18	255 05 57 23	-36	-50.2	SURVEY A SECTORS 9,10
255 05 35 35	108	-40.3	SURVEY A SECTORS 17,18	255 05 57 27	-42	-50.2	SURVEY A SECTORS 9,10
255 05 35 39	114	-40.3	SURVEY A SECTOR 19	255 05 57 32	-48	-50.2	SURVEY A SECTORS 9,10
255 05 35 44	120	-40.3	SURVEY A SECTOR 19	255 05 57 37	-54	-50.2	SURVEY A SECTORS 9,10
255 05 35 49	123	-35.3	SURVEY A SECTOR 19	255 05 57 41	-60	-50.2	SURVEY A SECTORS 9,10
255 05 35 53	117	-35.3	SURVEY A SECTOR 19	255 05 57 45	-66	-50.2	SURVEY A SECTORS 9,10
255 05 35 57	111	-35.3	SURVEY A SECTOR 19	255 05 57 50	-69	-45.3	SURVEY A SECTORS 9,10
255 05 36 02	105	-35.3	SURVEY A SECTORS 17,18	255 05 57 55	-63	-45.3	SURVEY A SECTORS 9,10
255 05 36 07	99	-35.3	SURVEY A SECTORS 17,18	255 05 57 59	-57	-45.3	SURVEY A SECTORS 9,10
255 05 36 15	96	-30.3	SURVEY A SECTORS 17,18	255 05 58 03	-51	-45.3	SURVEY A SECTORS 9,10
255 05 36 20	102	-30.3	SURVEY A SECTORS 17,18	255 05 58 08	-45	-45.3	SURVEY A SECTORS 9,10
255 05 36 25	108	-30.3	SURVEY A SECTORS 17,18	255 05 58 13	-39	-45.3	SURVEY A SECTORS 9,10
255 05 36 28	114	-30.3	SURVEY A SECTOR 19	255 05 58 17	-33	-45.3	SURVEY A SECTORS 11,12
255 05 36 33	120	-30.3	SURVEY A SECTOR 19	255 05 58 23	-30	-40.3	SURVEY A SECTORS 11,12
255 05 36 48	123	-25.3	SURVEY A SECTOR 19	255 05 58 28	-36	-40.3	SURVEY A SECTORS 9,10
255 05 36 52	117	-25.3	SURVEY A SECTOR 19	255 05 58 33	-42	-40.3	SURVEY A SECTORS 9,10
255 05 36 57	111	-25.3	SURVEY A SECTOR 19	255 05 58 36	-48	-40.3	SURVEY A SECTORS 9,10
255 05 37 02	105	-25.3	SURVEY A SECTORS 17,18	255 05 58 41	-54	-40.3	SURVEY A SECTORS 9,10
255 05 37 06	99	-25.3	SURVEY A SECTORS 17,18	255 05 58 46	-60	-40.3	SURVEY A SECTORS 9,10
255 05 37 10	96	-20.3	SURVEY A SECTORS 17,18	255 05 58 51	-66	-40.3	SURVEY A SECTORS 9,10
255 05 37 15	102	-20.3	SURVEY A SECTORS 17,18	255 05 58 56	-69	-35.3	SURVEY A SECTORS 9,10
255 05 37 20	108	-20.3	SURVEY A SECTORS 17,18	255 05 59 00	-63	-35.3	SURVEY A SECTORS 9,10
255 05 37 24	114	-20.3	SURVEY A SECTOR 19	255 05 59 04	-57	-35.3	SURVEY A SECTORS 9,10
255 05 37 28	120	-20.3	SURVEY A SECTOR 19	255 05 59 09	-51	-35.3	SURVEY A SECTORS 9,10
255 05 38 40	123	-15.3	SURVEY A SECTOR 19	255 05 59 14	-45	-35.3	SURVEY A SECTORS 9,10
255 05 38 45	117	-15.3	SURVEY A SECTOR 19	255 05 59 18	-39	-35.3	SURVEY A SECTORS 9,10
255 05 38 48	111	-15.3	SURVEY A SECTOR 19	255 05 59 22	-33	-35.3	SURVEY A SECTORS 11,12
255 05 38 53	105	-15.3	SURVEY A SECTORS 17,18	255 05 59 27	-30	-30.3	SURVEY A SECTORS 11,12
255 05 38 58	99	-15.3	SURVEY A SECTORS 17,18	255 05 59 31	-36	-30.3	SURVEY A SECTORS 9,10
255 05 39 03	96	-10.5	SURVEY A SECTORS 17,18	255 05 59 36	-42	-30.3	SURVEY A SECTORS 9,10
255 05 39 08	102	-10.5	SURVEY A SECTORS 17,18	255 05 59 40	-48	-30.3	SURVEY A SECTORS 9,10
255 05 39 11	108	-10.5	SURVEY A SECTORS 17,18	255 05 59 45	-54	-30.3	SURVEY A SECTORS 9,10
255 05 39 16	114	-10.5	SURVEY A SECTOR 19	255 05 59 49	-60	-30.3	SURVEY A SECTORS 9,10
255 05 39 21	120	-10.5	SURVEY A SECTOR 19	255 05 59 54	-66	-30.3	SURVEY A SECTORS 9,10
255 05 40 07	123	-5.6	SURVEY A SECTOR 19	255 05 59 59	-69	-25.3	SURVEY A SECTORS 9,10
255 05 40 12	117	-5.6	SURVEY A SECTOR 19	255 06 00 04	-63	-25.3	SURVEY A SECTORS 9,10
255 05 40 17	111	-5.6	SURVEY A SECTOR 19	255 06 00 07	-57	-25.3	SURVEY A SECTORS 9,10
255 05 40 22	105	-5.6	SURVEY A SECTORS 17,18	255 06 00 12	-51	-25.3	SURVEY A SECTORS 9,10
255 05 40 27	99	-5.6	SURVEY A SECTORS 17,18	255 06 00 17	-45	-25.3	SURVEY A SECTORS 9,10
255 05 40 30	96	-0.7	SURVEY A SECTORS 17,18	255 06 00 22	-39	-25.3	SURVEY A SECTORS 9,10
255 05 40 35	102	-0.7	SURVEY A SECTORS 17,18	255 06 00 26	-33	-25.3	SURVEY A SECTORS 11,12
255 05 40 40	108	-0.7	SURVEY A SECTORS 17,18	255 06 01 01	-33	-25.3	SURVEY A SECTORS 11,12

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
255 06 01 18	-30	-20.3	SURVEY A SECTORS 11,12	255 06 10 45	-3	-25.3	SURVEY A SECTORS 11,12
255 06 01 23	-36	-20.3	SURVEY A SECTORS 9,10	255 06 10 50	0	-20.3	SURVEY A SECTORS 11,12
255 06 01 27	-42	-20.3	SURVEY A SECTORS 9,10	255 06 10 55	-6	-20.3	SURVEY A SECTORS 11,12
255 06 01 32	-48	-20.3	SURVEY A SECTORS 9,10	255 06 10 59	-12	-20.3	SURVEY A SECTORS 11,12
255 06 01 36	-54	-20.3	SURVEY A SECTORS 9,10	255 06 11 03	-18	-20.3	SURVEY A SECTORS 11,12
255 06 01 41	-60	-20.3	SURVEY A SECTORS 9,10	255 06 11 08	-24	-20.3	SURVEY A SECTORS 11,12
255 06 01 45	-66	-20.3	SURVEY A SECTORS 9,10	255 06 11 13	-27	-15.3	SURVEY A SECTORS 11,12
255 06 02 11	-69	-15.3	SURVEY A SECTORS 9,10	255 06 11 17	-21	-15.3	SURVEY A SECTORS 11,12
255 06 02 15	-63	-15.3	SURVEY A SECTORS 9,10	255 06 11 22	-15	-15.3	SURVEY A SECTORS 11,12
255 06 02 20	-57	-15.3	SURVEY A SECTORS 9,10	255 06 11 27	-9	-15.3	SURVEY A SECTORS 11,12
255 06 02 25	-51	-15.3	SURVEY A SECTORS 9,10	255 06 11 30	-3	-15.3	SURVEY A SECTORS 11,12
255 06 02 29	-45	-15.3	SURVEY A SECTORS 9,10	255 06 56 08	-3	-15.3	SURVEY A SECTORS 11,12
255 06 02 33	-39	-15.3	SURVEY A SECTORS 9,10	255 06 58 06	-3	-15.3	SURVEY A SECTORS 11,12
255 06 02 38	-33	-15.3	SURVEY A SECTORS 11,12	255 07 00 03	0	-10.5	SURVEY A SECTORS 11,12
255 06 02 43	-30	-10.5	SURVEY A SECTORS 11,12	255 07 00 08	-6	-10.5	SURVEY A SECTORS 11,12
255 06 02 46	-36	-10.5	SURVEY A SECTORS 9,10	255 07 00 13	-12	-10.5	SURVEY A SECTORS 11,12
255 06 02 51	-42	-10.5	SURVEY A SECTORS 9,10	255 07 00 16	-18	-10.5	SURVEY A SECTORS 11,12
255 06 02 56	-48	-10.5	SURVEY A SECTORS 9,10	255 07 00 21	-24	-10.5	SURVEY A SECTORS 11,12
255 06 03 01	-54	-10.5	SURVEY A SECTORS 9,10	255 07 00 27	-27	-5.6	SURVEY A SECTORS 11,12
255 06 03 04	-60	-10.5	SURVEY A SECTORS 9,10	255 07 00 32	-21	-5.6	SURVEY A SECTORS 11,12
255 06 03 09	-66	-10.5	SURVEY A SECTORS 9,10	255 07 00 35	-15	-5.6	SURVEY A SECTORS 11,12
255 06 03 14	-69	-5.6	SURVEY A SECTORS 9,10	255 07 00 40	-9	-5.6	SURVEY A SECTORS 11,12
255 06 03 19	-63	-5.6	SURVEY A SECTORS 9,10	255 07 00 45	-3	-5.6	SURVEY A SECTORS 11,12
255 06 03 22	-57	-5.6	SURVEY A SECTORS 9,10	255 07 00 50	0	-0.7	SURVEY A SECTORS 11,12
255 06 03 27	-51	-5.6	SURVEY A SECTORS 9,10	255 07 00 53	-6	-0.7	SURVEY A SECTORS 11,12
255 06 03 32	-45	-5.6	SURVEY A SECTORS 9,10	255 07 00 58	-12	-0.7	SURVEY A SECTORS 11,12
255 06 03 37	-39	-5.6	SURVEY A SECTORS 9,10	255 07 01 03	-18	-0.7	SURVEY A SECTORS 11,12
255 06 03 41	-33	-5.6	SURVEY A SECTORS 11,12	255 07 01 08	-24	-0.7	SURVEY A SECTORS 11,12
255 06 03 45	-30	-0.7	SURVEY A SECTORS 11,12	255 07 01 11	-27	4.3	SURVEY A SECTORS 11,12
255 06 03 50	-36	-0.7	SURVEY A SECTORS 9,10	255 07 01 16	-21	4.3	SURVEY A SECTORS 11,12
255 06 03 55	-42	-0.7	SURVEY A SECTORS 9,10	255 07 01 21	-15	4.3	SURVEY A SECTORS 11,12
255 06 03 59	-48	-0.7	SURVEY A SECTORS 9,10	255 07 01 26	-9	4.3	SURVEY A SECTORS 11,12
255 06 04 03	-54	-0.7	SURVEY A SECTORS 9,10	255 07 01 29	-3	4.3	SURVEY A SECTORS 11,12
255 06 04 08	-60	-0.7	SURVEY A SECTORS 9,10	255 07 01 34	0	9.3	SURVEY A SECTORS 11,12
255 06 04 13	-66	-0.7	SURVEY A SECTORS 9,10	255 07 01 39	-6	9.3	SURVEY A SECTORS 11,12
255 06 04 17	-69	4.3	SURVEY A SECTORS 9,10	255 07 01 44	-12	9.3	SURVEY A SECTORS 11,12
255 06 04 21	-63	4.3	SURVEY A SECTORS 9,10	255 07 01 47	-18	9.3	SURVEY A SECTORS 11,12
255 06 04 26	-57	4.3	SURVEY A SECTORS 9,10	255 07 01 52	-24	9.3	SURVEY A SECTORS 11,12
255 06 04 31	-51	4.3	SURVEY A SECTORS 9,10	255 07 09 25	-21	9.3	SURVEY A SECTORS 11,12
255 06 04 35	-45	4.3	SURVEY A SECTORS 9,10	255 07 13 02	-21	9.3	SURVEY A SECTORS 11,12
255 06 04 39	-39	4.3	SURVEY A SECTORS 9,10	255 07 14 48	-15	9.3	SURVEY A SECTORS 11,12
255 06 04 44	-33	4.3	SURVEY A SECTORS 11,12	255 07 14 53	-9	9.3	SURVEY A SECTORS 11,12
255 06 05 16	-27	-65.1	SURVEY A SECTORS 11,12	255 07 14 58	-3	9.3	SURVEY A SECTORS 11,12
255 06 06 07	-27	-65.1	SURVEY A SECTORS 11,12	255 07 15 01	0	14.4	SURVEY A SECTORS 11,12
255 06 06 31	-27	-65.1	SURVEY A SECTORS 11,12	255 07 16 31	-6	14.4	SURVEY A SECTORS 11,12
255 06 06 36	-21	-65.1	SURVEY A SECTORS 11,12	255 07 16 35	-12	14.4	SURVEY A SECTORS 11,12
255 06 06 41	-15	-65.1	SURVEY A SECTORS 11,12	255 07 16 40	-18	14.4	SURVEY A SECTORS 11,12
255 06 06 46	-9	-65.1	SURVEY A SECTORS 11,12	255 07 16 44	-24	14.4	SURVEY A SECTORS 11,12
255 06 06 49	-3	-65.1	SURVEY A SECTORS 11,12	255 07 18 42	-36	14.4	SURVEY A SECTORS 9,10
255 06 06 54	0	-60.1	SURVEY A SECTORS 11,12	255 07 19 25	-42	14.4	SURVEY A SECTORS 9,10
255 06 06 59	-6	-60.1	SURVEY A SECTORS 11,12	255 07 20 28	-39	19.4	SURVEY A SECTORS 9,10
255 06 07 04	-12	-60.1	SURVEY A SECTORS 11,12	255 07 21 05	-33	19.4	SURVEY A SECTORS 11,12
255 06 07 08	-18	-60.1	SURVEY A SECTORS 11,12	255 07 21 41	-27	19.4	SURVEY A SECTORS 11,12
255 06 07 12	-24	-60.1	SURVEY A SECTORS 11,12	255 07 23 29	-21	19.4	SURVEY A SECTORS 11,12
255 06 07 17	-27	-55.2	SURVEY A SECTORS 11,12	255 07 23 34	-15	19.4	SURVEY A SECTORS 11,12
255 06 07 22	-21	-55.2	SURVEY A SECTORS 11,12	255 07 23 39	-9	19.4	SURVEY A SECTORS 11,12
255 06 07 26	-15	-55.2	SURVEY A SECTORS 11,12	255 07 23 42	-3	19.4	SURVEY A SECTORS 11,12
255 06 07 30	-9	-55.2	SURVEY A SECTORS 11,12	255 07 24 17	-141	-60.1	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 07 35	-3	-55.2	SURVEY A SECTORS 11,12	255 07 31 16	-141	-60.1	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 07 40	0	-50.2	SURVEY A SECTORS 11,12	255 07 31 27	-141	-60.1	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 07 44	-6	-50.2	SURVEY A SECTORS 11,12	255 07 33 47	-141	-60.1	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 07 48	-12	-50.2	SURVEY A SECTORS 11,12	255 07 35 24	-141	-60.1	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 07 53	-18	-50.2	SURVEY A SECTORS 11,12	255 07 46 54	-120	-15.3	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 07 57	-24	-50.2	SURVEY A SECTORS 11,12	255 07 46 57	-126	-15.3	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 08 02	-27	-45.3	SURVEY A SECTORS 11,12	255 07 47 02	-132	-15.3	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 08 06	-21	-45.3	SURVEY A SECTORS 11,12	255 07 47 07	-138	-15.3	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 08 11	-15	-45.3	SURVEY A SECTORS 11,12	255 07 47 11	-141	-10.5	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 08 15	-9	-45.3	SURVEY A SECTORS 11,12	255 07 47 15	-135	-10.5	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 08 20	-3	-45.3	SURVEY A SECTORS 11,12	255 07 47 20	-129	-10.5	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 08 24	0	-40.3	SURVEY A SECTORS 11,12	255 07 47 25	-123	-10.5	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 08 29	-6	-40.3	SURVEY A SECTORS 11,12	255 07 47 29	-117	-10.5	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 08 33	-12	-40.3	SURVEY A SECTORS 11,12	255 07 47 33	-111	-10.5	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 08 38	-18	-40.3	SURVEY A SECTORS 11,12	255 07 47 38	-108	-5.6	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 08 43	-24	-40.3	SURVEY A SECTORS 11,12	255 07 47 42	-114	-5.6	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 09 16	-24	-40.3	SURVEY A SECTORS 11,12	255 07 47 47	-120	-5.6	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 09 43	-27	-35.3	SURVEY A SECTORS 11,12	255 07 47 52	-126	-5.6	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 09 46	-21	-35.3	SURVEY A SECTORS 11,12	255 07 47 56	-132	-5.6	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 09 51	-15	-35.3	SURVEY A SECTORS 11,12	255 07 48 00	-138	-5.6	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 09 56	-9	-35.3	SURVEY A SECTORS 11,12	255 07 48 05	-141	-0.7	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 10 01	-3	-35.3	SURVEY A SECTORS 11,12	255 07 48 10	-135	-0.7	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 10 04	0	-30.3	SURVEY A SECTORS 11,12	255 07 48 14	-129	-0.7	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 10 09	-6	-30.3	SURVEY A SECTORS 11,12	255 07 48 18	-123	-0.7	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 10 14	-12	-30.3	SURVEY A SECTORS 11,12	255 07 48 23	-117	-0.7	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 10 19	-18	-30.3	SURVEY A SECTORS 11,12	255 07 48 28	-111	-0.7	SURVEY A SECTORS 5,6 (NOT SHOWN)
255 06 10 23	-24	-30.3	SURVEY A SECTORS 11,12	255 07 48 55	-105	-60.1	SURVEY A SECTORS 7,8
255 06 10 27	-27	-25.3	SURVEY A SECTORS 11,12	255 07 54 31	-93	-30.3	SURVEY A SECTORS 7,8
255 06 10 32	-21	-25.3	SURVEY A SECTORS 11,12	255 07 54 35	-87	-30.3	SURVEY A SECTORS 7,8
255 06 10 37	-15	-25.3	SURVEY A SECTORS 11,12	255 07 54 39	-81	-30.3	SURVEY A SECTORS 7,8
255 06 10 41	-9	-25.3	SURVEY A SECTORS 11,12	255 07 54 44	-75	-30.3	SURVEY A SECTORS 7,8

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
255 07 54 49	-72	-25.3	SURVEY A SECTORS 7,8	256 00 36 10	-60	-55.2	SPECIAL B
255 07 54 53	-78	-25.3	SURVEY A SECTORS 7,8	256 00 36 15	-54	-55.2	SPECIAL B
255 07 54 57	-84	-25.3	SURVEY A SECTORS 7,8	256 00 36 20	-48	-55.2	SPECIAL B
255 07 55 02	-90	-25.3	SURVEY A SECTORS 7,8	256 00 36 24	-42	-55.2	SPECIAL B
255 07 55 07	-96	-25.3	SURVEY A SECTORS 7,8	256 00 36 29	-45	-50.2	SPECIAL B
255 07 55 11	-102	-25.3	SURVEY A SECTORS 7,8	256 00 36 33	-51	-50.2	SPECIAL B
255 07 57 11	-105	-20.3	SURVEY A SECTORS 7,8	256 00 36 38	-54	-50.2	SPECIAL B
255 08 05 31	-222	-35.3	PHOTOMETRY A	256 00 36 42	-57	-50.2	SPECIAL B
255 08 05 37	-222	-35.3	PHOTOMETRY A	256 00 36 47	-60	-50.2	SPECIAL B
255 08 09 20	-216	-35.3	PHOTOMETRY A	256 00 36 51	-63	-50.2	SPECIAL B
255 08 13 11	84	-35.3	PHOTOMETRY A	256 00 36 56	-66	-50.2	SPECIAL B
255 08 14 43	84	-35.3	PHOTOMETRY A	256 00 37 00	-69	-50.2	SPECIAL B
255 08 14 49	84	-35.3	PHOTOMETRY A	256 00 37 05	-72	-50.2	SPECIAL B
255 08 16 25	90	-30.3	PHOTOMETRY A	256 00 37 09	-75	-50.2	SPECIAL B
255 08 16 30	90	-30.3	PHOTOMETRY A	256 00 37 14	-72	-45.3	SPECIAL B
255 08 16 34	90	-30.3	PHOTOMETRY A	256 00 37 18	-66	-45.3	SPECIAL B
255 08 16 39	90	-30.3	PHOTOMETRY A	256 00 37 23	-60	-45.3	SPECIAL B
255 08 18 38	96	-25.3	PHOTOMETRY A	256 00 37 27	-54	-45.3	SPECIAL B
255 08 18 42	96	-25.3	PHOTOMETRY A	256 00 37 32	-48	-45.3	SPECIAL B
255 08 18 47	96	-25.3	PHOTOMETRY A	256 00 39 53	81	-40.3	SPECIAL B
255 08 20 13	96	-25.3	PHOTOMETRY A	256 00 41 30	81	-40.3	SPECIAL B
255 08 21 48	99	-20.3	PHOTOMETRY A	256 00 42 17	84	-40.3	SPECIAL B
255 08 21 53	99	-20.3	PHOTOMETRY A	256 00 42 22	87	-40.3	SPECIAL B
255 08 24 34	99	-20.3	PHOTOMETRY A	256 00 42 25	90	-40.3	SPECIAL B
255 08 26 51	102	-20.3	PHOTOMETRY A	256 00 42 30	93	-40.3	SPECIAL B
255 08 26 55	102	-20.3	PHOTOMETRY A	256 00 42 35	96	-40.3	SPECIAL B
255 08 28 29	102	-20.3	PHOTOMETRY A	256 00 42 40	99	-40.3	SPECIAL B
255 08 31 09	108	-10.5	PHOTOMETRY A	256 00 42 43	99	-45.3	SPECIAL B
255 08 31 14	108	-10.5	PHOTOMETRY A	256 00 43 19	96	-45.3	SPECIAL B
255 08 32 03	108	-10.5	PHOTOMETRY A	256 00 43 23	93	-45.3	SPECIAL B
255 08 33 39	111	-5.6	PHOTOMETRY A	256 00 43 28	90	-45.3	SPECIAL B
255 08 34 36	111	-5.6	PHOTOMETRY A	256 00 43 32	87	-45.3	SPECIAL B
255 08 34 41	111	-5.6	PHOTOMETRY A	256 00 43 37	84	-45.3	SPECIAL B
255 08 38 28	51	-5.6	PHOTOMETRY A	256 00 43 41	81	-45.3	SPECIAL B
255 08 38 33	51	-5.6	PHOTOMETRY A	256 00 43 46	78	-45.3	SPECIAL B
255 08 39 07	51	-5.6	PHOTOMETRY A	256 00 43 50	75	-45.3	SPECIAL B
255 08 42 18	-33	-45.3	PHOTOMETRY A	256 00 43 58	90	-50.2	SPECIAL B
255 08 43 06	-33	-45.3	PHOTOMETRY A	256 00 44 02	93	-50.2	SPECIAL B
255 08 43 11	-33	-45.3	PHOTOMETRY A	256 00 44 07	96	-50.2	SPECIAL B
255 08 44 07	-39	-40.3	PHOTOMETRY A	256 00 44 11	99	-50.2	SPECIAL B
255 08 44 12	-39	-40.3	PHOTOMETRY A	256 00 46 18	87	-10.5	SPECIAL B
255 08 44 41	-39	-40.3	PHOTOMETRY A	256 00 46 59	81	-10.5	SPECIAL B
255 08 47 36	-48	-30.3	PHOTOMETRY A	256 00 47 03	75	-10.5	SPECIAL B
255 08 47 41	-48	-30.3	PHOTOMETRY A	256 00 47 08	69	-10.5	SPECIAL B
255 08 48 23	-48	-30.3	PHOTOMETRY A	256 00 47 12	72	-15.3	SPECIAL B
255 08 50 36	-54	-25.3	MISC.	256 00 47 17	75	-15.3	SPECIAL B
255 08 51 19	-201	29.2	MISC.	256 00 47 21	78	-15.3	SPECIAL B
255 08 51 24	-201	29.2	MISC.	256 00 47 26	81	-15.3	SPECIAL B
255 08 51 29	-201	29.2	MISC.	256 00 47 30	84	-15.3	SPECIAL B
255 08 52 36	144	29.2	MISC.	256 00 47 36	81	-20.3	SPECIAL B
255 08 52 42	-201	29.2	MISC.	256 00 47 39	78	-20.3	SPECIAL B
255 08 52 46	144	29.2	MISC.	256 00 47 44	75	-20.3	SPECIAL B
255 08 54 23	-201	29.2	MISC.	256 00 47 49	72	-20.3	SPECIAL B
256 00 18 30	-63	-55.2	SPECIAL B	256 00 47 54	69	-20.3	SPECIAL B
256 00 22 28	-57	-55.2	SPECIAL B	256 00 49 26	87	-25.3	SPECIAL B
256 00 23 56	-54	-50.2	SPECIAL B	256 00 50 26	84	-25.3	SPECIAL B
256 00 23 59	-66	-50.2	SPECIAL B	256 00 50 58	78	-25.3	SPECIAL B
256 00 24 04	-66	-60.1	SPECIAL B	256 00 51 31	72	-25.3	SPECIAL B
256 00 25 22	-75	-65.1	SPECIAL B	256 00 52 11	66	-25.3	SPECIAL B
256 00 26 49	-72	-65.1	SPECIAL B	256 00 52 58	69	-20.3	SPECIAL B
256 00 27 53	-72	-70.1	SPECIAL B	256 00 53 47	75	-20.3	SPECIAL B
256 00 28 21	-78	-70.1	SPECIAL B	256 00 54 50	81	-20.3	SPECIAL B
256 00 28 50	-78	-65.1	SPECIAL B	256 00 55 46	81	-20.3	SPECIAL B
256 00 30 08	-78	-55.2	SPECIAL B	256 00 57 19	81	-20.3	SPECIAL B
256 00 30 44	-84	-55.2	SPECIAL B	256 00 58 04	78	-15.3	SPECIAL B
256 00 31 13	-90	-55.2	SPECIAL B	256 00 58 58	51	-0.7	SPECIAL B
256 00 31 40	-96	-55.2	SPECIAL B	256 01 00 44	-216	-10.5	SPECIAL B
256 00 32 27	-93	-60.1	SPECIAL B	256 01 02 49	-210	-45.3	SPECIAL B
256 00 32 56	-87	-60.1	SPECIAL B	256 01 04 07	-210	-45.3	SPECIAL B
256 00 33 23	-81	-60.1	SPECIAL B	256 01 05 05	-213	-45.3	SPECIAL B
256 00 33 59	-75	-65.1	SPECIAL B	256 01 05 10	-216	-45.3	SPECIAL B
256 00 34 47	-72	-65.1	SPECIAL B	256 01 05 14	-216	-50.2	SPECIAL B
256 00 34 52	-66	-65.1	SPECIAL B	256 01 05 19	-213	-50.2	SPECIAL B
256 00 34 57	-60	-65.1	SPECIAL B	256 01 05 23	-210	-50.2	SPECIAL B
256 00 35 02	-54	-65.1	SPECIAL B	256 01 05 28	-207	-50.2	SPECIAL B
256 00 35 05	-48	-65.1	SPECIAL B	256 01 05 32	-204	-50.2	SPECIAL B
256 00 35 10	-42	-65.1	SPECIAL B	256 01 05 36	-201	-50.2	SPECIAL B
256 00 35 16	-39	-60.1	SPECIAL B	256 01 05 41	-201	-55.2	SPECIAL B
256 00 35 21	-45	-60.1	SPECIAL B	256 01 05 46	-204	-55.2	SPECIAL B
256 00 35 25	-51	-60.1	SPECIAL B	256 01 05 50	-207	-55.2	SPECIAL B
256 00 35 29	-57	-60.1	SPECIAL B	256 01 05 54	-210	-55.2	SPECIAL B
256 00 35 34	-63	-60.1	SPECIAL B	256 01 05 59	-213	-55.2	SPECIAL B
256 00 35 39	-69	-60.1	SPECIAL B	256 01 06 04	-216	-55.2	SPECIAL B
256 00 35 43	-75	-60.1	SPECIAL B	256 01 12 26	-195	-40.3	MIRROR B
256 00 35 47	-78	-60.1	SPECIAL B	256 01 14 44	-201	-40.3	MIRROR B
256 00 35 52	-78	-55.2	SPECIAL B	256 01 14 48	-207	-40.3	MIRROR B
256 00 35 57	-72	-55.2	SPECIAL B	256 01 14 52	-213	-40.3	MIRROR B
256 00 36 00	-69	-55.2	SPECIAL B	256 01 15 28	-213	-40.3	MIRROR B
256 00 36 05	-66	-55.2	SPECIAL B	256 01 15 33	-213	-35.3	MIRROR B

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
256 01 15 37	-210	-35.3	MIRROR B	256 03 27 04	-126	19.4	STARS A
256 01 15 41	-207	-35.3	MIRROR B	256 03 27 27	-129	19.4	STARS A
256 01 15 46	-204	-35.3	MIRROR B	256 03 27 37	-129	19.4	STARS A
256 01 15 51	-201	-35.3	MIRROR B	256 03 28 04	-132	19.4	STARS A
256 01 15 55	-198	-40.3	MIRROR B	256 03 28 14	-132	19.4	STARS A
256 01 16 54	-201	-40.3	MIRROR B	256 03 28 41	-132	19.4	STARS A
256 01 17 53	-201	-35.3	MIRROR B	256 03 29 01	-132	19.4	STARS A
256 01 18 49	-201	-35.3	MIRROR B	256 03 32 28	-21	14.4	STARS A
256 01 20 03	-201	-35.3	MIRROR B	256 03 34 05	-21	29.2	STARS A
256 01 20 36	-201	-35.3	MIRROR B	256 06 19 51	-21	29.2	SPECIAL C
256 01 21 03	-201	-35.3	MIRROR B	256 06 22 49	-60	-55.2	SPECIAL C
256 01 21 27	-201	-35.3	MIRROR B	256 06 23 34	-60	-55.2	SPECIAL C
256 01 21 51	-201	-35.3	MIRROR B	256 06 25 35	-60	-55.2	SPECIAL C
256 01 22 17	-201	-35.3	MIRROR B	256 06 26 11	-54	-55.2	SPECIAL C
256 01 23 44	-204	-40.3	MIRROR B	256 06 26 15	-57	-50.2	SPECIAL C
256 01 24 04	-207	-40.3	MIRROR B	256 06 26 20	-63	-50.2	SPECIAL C
256 01 24 28	-210	-40.3	MIRROR B	256 06 26 25	-66	-55.2	SPECIAL C
256 01 24 51	-210	-45.3	MIRROR B	256 06 27 08	-54	-60.1	SPECIAL C
256 01 24 55	-207	-45.3	MIRROR B	256 06 28 15	-54	-60.1	SPECIAL C
256 01 25 00	-204	-45.3	MIRROR B	256 06 28 45	-54	-50.2	SPECIAL C
256 01 25 05	-201	-45.3	MIRROR B	256 06 28 49	-66	-50.2	SPECIAL C
256 01 25 09	-198	-45.3	MIRROR B	256 06 28 54	-66	-60.1	SPECIAL C
256 01 25 13	-195	-45.3	MIRROR B	256 06 30 08	-75	-65.1	SPECIAL C
256 01 26 35	-60	-45.3	MAGNETS A	256 06 30 35	-72	-65.1	SPECIAL C
256 01 27 30	-60	-60.1	MAGNETS A	256 06 30 40	-66	-65.1	SPECIAL C
256 01 29 19	-54	-60.1	MAGNETS A	256 06 30 43	-60	-65.1	SPECIAL C
256 01 33 19	-54	-60.1	MAGNETS A	256 06 30 48	-54	-65.1	SPECIAL C
256 01 33 48	-48	-60.1	MAGNETS A	256 06 30 53	-48	-65.1	SPECIAL C
256 01 33 52	-51	-55.2	MAGNETS A	256 06 30 58	-42	-65.1	SPECIAL C
256 01 33 56	-57	-55.2	MAGNETS A	256 06 31 02	-39	-60.1	SPECIAL C
256 01 34 01	-60	-60.1	MAGNETS A	256 06 31 07	-45	-60.1	SPECIAL C
256 01 36 24	-60	-55.2	MAGNETS A	256 06 31 12	-51	-60.1	SPECIAL C
256 01 38 05	-57	-55.2	MAGNETS A	256 06 31 16	-57	-60.1	SPECIAL C
256 01 39 11	-57	-60.1	MAGNETS A	256 06 31 20	-63	-60.1	SPECIAL C
256 01 39 46	-57	-60.1	MAGNETS A	256 06 31 25	-69	-60.1	SPECIAL C
256 01 39 51	-57	-60.1	MAGNETS A	256 06 31 30	-75	-60.1	SPECIAL C
256 01 39 55	-57	-60.1	MAGNETS A	256 06 31 34	-78	-60.1	SPECIAL C
256 01 40 40	-57	-60.1	MAGNETS A	256 06 31 38	-78	-55.2	SPECIAL C
256 01 40 44	-57	-60.1	MAGNETS A	256 06 31 43	-72	-55.2	SPECIAL C
256 01 40 49	-57	-60.1	MAGNETS A	256 06 31 48	-69	-55.2	SPECIAL C
256 01 42 45	-57	-60.1	MAGNETS A	256 06 31 52	-66	-55.2	SPECIAL C
256 01 42 50	-57	-60.1	MAGNETS A	256 06 31 56	-60	-55.2	SPECIAL C
256 01 42 56	-57	-60.1	MAGNETS A	256 06 32 02	-54	-55.2	SPECIAL C
256 01 43 31	-57	-60.1	MAGNETS A	256 06 32 07	-48	-55.2	SPECIAL C
256 01 43 35	-57	-60.1	MAGNETS A	256 06 32 11	-42	-55.2	SPECIAL C
256 01 43 40	-57	-60.1	MAGNETS A	256 06 32 16	-45	-50.2	SPECIAL C
256 01 44 33	-57	-60.1	MAGNETS A	256 06 32 20	-51	-50.2	SPECIAL C
256 01 44 38	-57	-60.1	MAGNETS A	256 06 32 25	-54	-50.2	SPECIAL C
256 01 44 42	-57	-60.1	MAGNETS A	256 06 32 29	-57	-50.2	SPECIAL C
256 01 45 34	-57	-60.1	MAGNETS A	256 06 32 34	-60	-50.2	SPECIAL C
256 02 51 50	-57	-60.1	MAGNETS A	256 06 32 38	-63	-50.2	SPECIAL C
256 02 55 24	-156	19.4	STARS A	256 06 32 43	-66	-50.2	SPECIAL C
256 02 58 32	-159	19.4	STARS A	256 06 32 47	-69	-50.2	SPECIAL C
256 02 58 43	-159	19.4	STARS A	256 06 32 52	-72	-50.2	SPECIAL C
256 03 00 49	-159	19.4	STARS A	256 06 32 56	-75	-50.2	SPECIAL C
256 03 00 59	-159	19.4	STARS A	256 06 33 01	-72	-45.3	SPECIAL C
256 03 02 22	-159	19.4	STARS A	256 06 33 05	-66	-45.3	SPECIAL C
256 03 02 33	-159	19.4	STARS A	256 06 33 10	-60	-45.3	SPECIAL C
256 03 04 05	-159	19.4	STARS A	256 06 33 14	-54	-45.3	SPECIAL C
256 03 04 16	-159	19.4	STARS A	256 06 33 19	-48	-45.3	SPECIAL C
256 03 05 47	-156	19.4	STARS A	256 06 34 20	39	-50.2	SPECIAL C
256 03 05 58	-156	19.4	STARS A	256 06 36 07	39	-60.1	SPECIAL C
256 03 06 43	-156	14.4	STARS A	256 06 37 25	39	-60.1	SPECIAL C
256 03 06 53	-156	14.4	STARS A	256 06 37 46	45	-60.1	SPECIAL C
256 03 07 37	-156	14.4	STARS A	256 06 37 50	51	-60.1	SPECIAL C
256 03 07 47	-156	14.4	STARS A	256 06 37 55	54	-55.2	SPECIAL C
256 03 09 30	-159	14.4	STARS A	256 06 37 59	48	-55.2	SPECIAL C
256 03 09 41	-159	14.4	STARS A	256 06 38 04	42	-55.2	SPECIAL C
256 03 10 26	-162	14.4	STARS A	256 06 38 08	36	-55.2	SPECIAL C
256 03 10 37	-162	14.4	STARS A	256 06 38 13	39	-50.2	SPECIAL C
256 03 11 18	-162	19.4	STARS A	256 06 38 17	45	-50.2	SPECIAL C
256 03 11 29	-162	19.4	STARS A	256 06 38 22	51	-50.2	SPECIAL C
256 03 12 11	-162	24.3	STARS A	256 06 38 26	57	-50.2	SPECIAL C
256 03 12 21	-162	24.3	STARS A	256 06 38 31	54	-45.3	SPECIAL C
256 03 13 03	-159	24.3	STARS A	256 06 38 35	48	-45.3	SPECIAL C
256 03 13 14	-159	24.3	STARS A	256 06 40 12	48	-40.3	SPECIAL C
256 03 13 50	-156	24.3	STARS A	256 06 41 31	81	-45.3	SPECIAL C
256 03 14 01	-156	24.3	STARS A	256 06 41 40	81	-45.3	SPECIAL C
256 03 15 39	-156	24.3	STARS A	256 06 42 16	84	-45.3	SPECIAL C
256 03 15 50	-156	24.3	STARS A	256 06 42 20	87	-45.3	SPECIAL C
256 03 18 11	-129	19.4	STARS A	256 06 42 25	90	-45.3	SPECIAL C
256 03 19 32	-129	19.4	STARS A	256 06 42 29	93	-45.3	SPECIAL C
256 03 21 45	-129	19.4	STARS A	256 06 42 34	96	-45.3	SPECIAL C
256 03 21 56	-129	19.4	STARS A	256 06 42 38	99	-45.3	SPECIAL C
256 03 24 41	-129	14.4	STARS A	256 06 42 43	99	-50.2	SPECIAL C
256 03 24 52	-129	14.4	STARS A	256 06 42 47	96	-50.2	SPECIAL C
256 03 26 03	-129	14.4	STARS A	256 06 42 51	93	-50.2	SPECIAL C
256 03 26 12	-129	14.4	STARS A	256 06 42 56	90	-50.2	SPECIAL C
256 03 26 52	-126	19.4	STARS A	256 06 43 01	87	-50.2	SPECIAL C

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
256 06 43 05	84	-50.2	SPECIAL C	256 07 33 58	-210	-35.3	MIRROR C
256 06 43 09	81	-50.2	SPECIAL C	256 07 34 04	-210	-40.3	MIRROR C
256 06 43 14	78	-50.2	SPECIAL C	256 07 34 09	-207	-40.3	MIRROR C
256 06 43 19	75	-50.2	SPECIAL C	256 07 34 13	-204	-40.3	MIRROR C
256 06 43 26	90	-55.2	SPECIAL C	256 07 34 17	-201	-40.3	MIRROR C
256 06 43 31	93	-55.2	SPECIAL C	256 07 34 22	-198	-40.3	MIRROR C
256 06 43 35	96	-55.2	SPECIAL C	256 07 34 27	-195	-40.3	MIRROR C
256 06 43 39	99	-55.2	SPECIAL C	256 07 38 26	-96	-40.3	MIRROR C
256 06 45 32	126	-25.3	SPECIAL C	256 07 45 19	42	-60.1	SURVEY W-C
256 06 46 37	129	-25.3	SPECIAL C	256 07 45 20	42	-60.1	SURVEY W-C
256 06 46 43	129	-20.3	SPECIAL C	256 07 56 36	42	-60.1	SURVEY W-C
256 06 47 25	126	-20.3	SPECIAL C	256 07 56 42	42	-60.1	SURVEY W-C
256 06 47 31	126	-15.3	SPECIAL C	256 07 58 14	42	-60.1	SURVEY W-C
256 06 48 23	126	-15.3	SPECIAL C	256 07 59 11	42	-45.3	SURVEY W-C
256 06 49 09	129	-15.3	SPECIAL C	256 07 59 15	42	-30.3	SURVEY W-C
256 06 50 13	75	-20.3	SPECIAL C	256 07 59 20	42	-15.3	SURVEY W-C
256 06 51 29	87	-15.3	SPECIAL C	256 07 59 25	42	-0.7	SURVEY W-C
256 06 51 45	81	-15.3	SPECIAL C	256 07 59 29	42	14.4	SURVEY W-C
256 06 51 49	75	-15.3	SPECIAL C	256 07 59 34	60	14.4	SURVEY W-C
256 06 51 54	69	-15.3	SPECIAL C	256 07 59 39	60	-0.7	SURVEY W-C
256 06 51 59	72	-20.3	SPECIAL C	256 07 59 44	60	-15.3	SURVEY W-C
256 06 52 02	75	-20.3	SPECIAL C	256 07 59 49	60	-30.3	SURVEY W-C
256 06 52 53	78	-20.3	SPECIAL C	256 07 59 52	60	-45.3	SURVEY W-C
256 06 53 00	81	-20.3	SPECIAL C	256 07 59 58	78	-45.3	SURVEY W-C
256 06 53 05	84	-20.3	SPECIAL C	256 08 00 03	78	-30.3	SURVEY W-C
256 06 53 10	81	-25.3	SPECIAL C	256 08 00 06	78	-15.3	SURVEY W-C
256 06 53 14	78	-25.3	SPECIAL C	256 08 00 11	78	-0.7	SURVEY W-C
256 06 53 18	75	-25.3	SPECIAL C	256 08 00 16	78	14.4	SURVEY W-C
256 06 53 23	72	-25.3	SPECIAL C	256 08 00 22	96	14.4	SURVEY W-C
256 06 53 28	69	-25.3	SPECIAL C	256 08 00 26	96	-0.7	SURVEY W-C
256 06 54 35	75	-25.3	SPECIAL C	256 08 00 30	96	-15.3	SURVEY W-C
256 06 55 03	81	-25.3	SPECIAL C	256 08 00 35	96	-30.3	SURVEY W-C
256 06 55 09	78	-20.3	SPECIAL C	256 08 00 40	96	-45.3	SURVEY W-C
256 06 56 01	51	-5.6	SPECIAL C	256 08 00 47	114	-45.3	SURVEY W-C
256 06 57 53	-216	-15.3	SPECIAL C	256 08 00 52	114	-30.3	SURVEY W-C
256 06 58 23	-216	-15.3	SPECIAL C	256 08 00 56	114	-15.3	SURVEY W-C
256 06 58 47	-219	-15.3	SPECIAL C	256 08 01 00	114	-0.7	SURVEY W-C
256 06 58 53	-219	-20.3	SPECIAL C	256 08 01 05	114	14.4	SURVEY W-C
256 06 58 58	-216	-20.3	SPECIAL C	256 08 01 10	114	29.2	SURVEY W-C
256 06 59 03	-216	-25.3	SPECIAL C	256 08 01 14	132	29.2	SURVEY W-C
256 06 59 08	-219	-25.3	SPECIAL C	256 08 01 19	132	14.4	SURVEY W-C
256 06 59 43	-219	-25.3	SPECIAL C	256 08 01 24	132	-0.7	SURVEY W-C
256 07 00 40	-210	-45.3	SPECIAL C	256 08 01 29	132	-15.3	SURVEY W-C
256 07 01 42	-213	-45.3	SPECIAL C	256 08 01 33	132	-30.3	SURVEY W-C
256 07 01 47	-216	-45.3	SPECIAL C	256 08 01 37	132	-45.3	SURVEY W-C
256 07 01 51	-216	-50.2	SPECIAL C	256 08 01 43	132	-45.3	SURVEY W-C
256 07 01 56	-213	-50.2	SPECIAL C	256 08 01 48	132	-30.3	SURVEY W-C
256 07 02 00	-210	-50.2	SPECIAL C	256 08 01 51	132	-15.3	SURVEY W-C
256 07 02 05	-207	-50.2	SPECIAL C	256 08 01 56	132	-0.7	SURVEY W-C
256 07 02 09	-204	-50.2	SPECIAL C	256 08 02 01	132	14.4	SURVEY W-C
256 07 02 14	-201	-50.2	SPECIAL C	256 08 02 06	132	29.2	SURVEY W-C
256 07 02 19	-201	-55.2	SPECIAL C	256 08 02 11	132	29.2	SURVEY W-C
256 07 02 23	-204	-55.2	SPECIAL C	256 08 02 15	132	14.4	SURVEY W-C
256 07 02 27	-207	-55.2	SPECIAL C	256 08 02 20	132	-0.7	SURVEY W-C
256 07 02 32	-210	-55.2	SPECIAL C	256 08 02 25	132	-15.3	SURVEY W-C
256 07 02 37	-213	-55.2	SPECIAL C	256 08 02 28	132	-30.3	SURVEY W-C
256 07 02 41	-216	-55.2	SPECIAL C	256 08 02 33	132	-45.3	SURVEY W-C
256 07 03 48	-174	-50.2	SPECIAL C	256 08 02 39	132	-45.3	SURVEY W-C
256 07 03 54	-168	-50.2	SPECIAL C	256 08 02 44	132	-30.3	SURVEY W-C
256 07 03 59	-174	-45.3	SPECIAL C	256 08 02 48	132	-15.3	SURVEY W-C
256 07 04 28	-174	-45.3	SPECIAL C	256 08 02 52	132	-0.7	SURVEY W-C
256 07 04 57	-168	-45.3	SPECIAL C	256 08 02 57	132	14.4	SURVEY W-C
256 07 05 02	-162	-45.3	SPECIAL C	256 08 03 02	132	29.2	SURVEY W-C
256 07 05 07	-153	-45.3	SPECIAL C	256 08 03 07	132	29.2	SURVEY W-C
256 07 05 10	-150	-45.3	SPECIAL C	256 08 03 11	132	14.4	SURVEY W-C
256 07 05 15	-153	-40.3	SPECIAL C	256 08 03 16	132	-0.7	SURVEY W-C
256 07 05 20	-159	-40.3	SPECIAL C	256 08 03 21	132	-15.3	SURVEY W-C
256 07 05 24	-162	-40.3	SPECIAL C	256 08 03 25	132	-30.3	SURVEY W-C
256 07 05 29	-171	-40.3	SPECIAL C	256 08 03 29	132	-45.3	SURVEY W-C
256 07 05 33	-177	-40.3	SPECIAL C	256 08 03 37	132	-45.3	SURVEY W-C
256 07 05 39	-180	-35.3	SPECIAL C	256 08 03 41	132	-30.3	SURVEY W-C
256 07 05 44	-174	-35.3	SPECIAL C	256 08 03 46	132	-15.3	SURVEY W-C
256 07 05 48	-168	-35.3	SPECIAL C	256 08 03 51	132	-0.7	SURVEY W-C
256 07 28 32	-168	-35.3	SPECIAL C	256 08 03 55	132	14.4	SURVEY W-C
256 07 28 40	-168	-35.3	SPECIAL C	256 08 04 01	132	14.4	SURVEY W-C
256 07 30 54	-195	-35.3	MIRROR C	256 08 04 05	132	-0.7	SURVEY W-C
256 07 31 49	-201	-35.3	MIRROR C	256 08 04 10	132	-15.3	SURVEY W-C
256 07 31 54	-207	-35.3	MIRROR C	256 08 04 14	132	-30.3	SURVEY W-C
256 07 31 57	-213	-35.3	MIRROR C	256 08 04 18	132	-45.3	SURVEY W-C
256 07 32 22	-213	-35.3	MIRROR C	256 08 04 24	132	-60.1	SURVEY W-C
256 07 32 27	-213	-30.3	MIRROR C	256 08 04 30	114	-60.1	SURVEY W-C
256 07 32 30	-210	-30.3	MIRROR C	256 08 04 35	96	-60.1	SURVEY W-C
256 07 32 35	-207	-30.3	MIRROR C	256 08 04 41	78	-60.1	SURVEY W-C
256 07 32 40	-204	-30.3	MIRROR C	256 08 04 46	60	-60.1	SURVEY W-C
256 07 32 45	-201	-30.3	MIRROR C	256 08 06 48	42	-60.1	SURVEY W-C
256 07 32 48	-198	-35.3	MIRROR C	256 08 06 54	24	-60.1	SURVEY W-C
256 07 33 40	-201	-35.3	MIRROR C	256 08 06 59	6	-60.1	SURVEY W-C
256 07 33 45	-204	-35.3	MIRROR C	256 08 07 05	-12	-60.1	SURVEY W-C
256 07 33 53	-207	-35.3	MIRROR C	256 08 07 10	-30	-60.1	SURVEY W-C

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
256 08 09 33	-39	-60.1	SURVEY W-C	256 09 17 53	-57	-35.3	SURVEY B SECTORS 9,10
256 08 11 37	-57	-60.1	SURVEY W-C	256 09 17 56	-63	-35.3	SURVEY B SECTORS 9,10
256 08 11 49	-93	-45.3	SURVEY W-C	256 09 18 01	-69	-35.3	SURVEY B SECTORS 9,10
256 08 11 53	-93	-30.3	SURVEY W-C	256 09 18 06	-72	-30.3	SURVEY B SECTORS 9,10
256 08 11 58	-93	-15.3	SURVEY W-C	256 09 18 11	-66	-30.3	SURVEY B SECTORS 9,10
256 08 12 02	-93	-0.7	SURVEY W-C	256 09 18 15	-60	-30.3	SURVEY B SECTORS 9,10
256 08 12 08	-111	-0.7	SURVEY W-C	256 09 18 20	-54	-30.3	SURVEY B SECTORS 9,10
256 08 12 12	-111	-15.3	SURVEY W-C	256 09 18 24	-48	-30.3	SURVEY B SECTORS 9,10
256 08 12 17	-111	-30.3	SURVEY W-C	256 09 18 29	-42	-30.3	SURVEY B SECTORS 9,10
256 08 12 22	-111	-45.3	SURVEY W-C	256 09 18 33	-36	-30.3	SURVEY B SECTORS 9,10
256 08 12 28	-129	-45.3	SURVEY W-C	256 09 18 38	-33	-25.3	SURVEY B SECTORS 11,12
256 08 12 31	-129	-30.3	SURVEY W-C	256 09 18 42	-39	-25.3	SURVEY B SECTORS 9,10
256 08 12 36	-129	-15.3	SURVEY W-C	256 09 18 46	-45	-25.3	SURVEY B SECTORS 9,10
256 08 12 41	-129	-0.7	SURVEY W-C	256 09 18 51	-51	-25.3	SURVEY B SECTORS 9,10
256 08 12 45	-147	-0.7	SURVEY W-C	256 09 18 56	-57	-25.3	SURVEY B SECTORS 9,10
256 08 12 50	-147	-15.3	SURVEY W-C	256 09 19 01	-63	-25.3	SURVEY B SECTORS 9,10
256 08 12 55	-147	-30.3	SURVEY W-C	256 09 19 04	-69	-25.3	SURVEY B SECTORS 9,10
256 08 13 00	-147	-45.3	SURVEY W-C	256 09 19 09	-72	-20.3	SURVEY B SECTORS 9,10
256 08 13 05	-165	-45.3	SURVEY W-C	256 09 19 14	-66	-20.3	SURVEY B SECTORS 9,10
256 08 13 09	-165	-30.3	SURVEY W-C	256 09 19 19	-60	-20.3	SURVEY B SECTORS 9,10
256 08 13 14	-165	-15.3	SURVEY W-C	256 09 19 24	-54	-20.3	SURVEY B SECTORS 9,10
256 08 13 19	-165	-0.7	SURVEY W-C	256 09 19 28	-48	-20.3	SURVEY B SECTORS 9,10
256 08 13 23	-183	-0.7	SURVEY W-C	256 09 19 32	-42	-20.3	SURVEY B SECTORS 9,10
256 08 13 28	-183	-15.3	SURVEY W-C	256 09 19 37	-36	-20.3	SURVEY B SECTORS 9,10
256 08 13 33	-183	-30.3	SURVEY W-C	256 09 19 41	-33	-15.3	SURVEY B SECTORS 11,12
256 08 13 38	-183	-45.3	SURVEY W-C	256 09 19 46	-39	-15.3	SURVEY B SECTORS 9,10
256 08 13 45	-201	-45.3	SURVEY W-C	256 09 19 50	-45	-15.3	SURVEY B SECTORS 9,10
256 08 13 50	-201	-30.3	SURVEY W-C	256 09 19 55	-51	-15.3	SURVEY B SECTORS 9,10
256 08 13 55	-201	-15.3	SURVEY W-C	256 09 19 59	-57	-15.3	SURVEY B SECTORS 9,10
256 08 13 58	-201	-0.7	SURVEY W-C	256 09 20 04	-63	-15.3	SURVEY B SECTORS 9,10
256 08 14 03	-201	14.4	SURVEY W-C	256 09 20 08	-69	-15.3	SURVEY B SECTORS 9,10
256 08 14 09	-219	14.4	SURVEY W-C	256 09 20 35	-72	-10.5	SURVEY B SECTORS 9,10
256 08 14 12	-219	-0.7	SURVEY W-C	256 09 20 40	-66	-10.5	SURVEY B SECTORS 9,10
256 08 14 17	-219	-15.3	SURVEY W-C	256 09 20 45	-60	-10.5	SURVEY B SECTORS 9,10
256 08 14 22	-219	-30.3	SURVEY W-C	256 09 20 48	-54	-10.5	SURVEY B SECTORS 9,10
256 08 14 27	-219	-45.3	SURVEY W-C	256 09 20 53	-48	-10.5	SURVEY B SECTORS 9,10
256 08 14 33	-219	-60.1	SURVEY W-C	256 09 20 58	-42	-10.5	SURVEY B SECTORS 9,10
256 08 14 38	-201	-60.1	SURVEY W-C	256 09 21 03	-36	-10.5	SURVEY B SECTORS 9,10
256 08 14 44	-183	-60.1	SURVEY W-C	256 09 21 06	-33	-5.6	SURVEY B SECTORS 11,12
256 08 14 50	-165	-60.1	SURVEY W-C	256 09 21 11	-39	-5.6	SURVEY B SECTORS 9,10
256 08 14 54	-147	-60.1	SURVEY W-C	256 09 21 16	-45	-5.6	SURVEY B SECTORS 9,10
256 08 15 00	-129	-60.1	SURVEY W-C	256 09 21 21	-51	-5.6	SURVEY B SECTORS 9,10
256 08 15 05	-111	-60.1	SURVEY W-C	256 09 21 25	-57	-5.6	SURVEY B SECTORS 9,10
256 08 15 11	-93	-60.1	SURVEY W-C	256 09 21 29	-63	-5.6	SURVEY B SECTORS 9,10
256 08 15 19	-57	-60.1	SURVEY W-C	256 09 21 34	-69	-5.6	SURVEY B SECTORS 9,10
256 09 04 35	-57	-60.1	SURVEY W-C	256 09 21 38	-72	-0.7	SURVEY B SECTORS 9,10
256 09 04 41	-57	-60.1	SURVEY W-C	256 09 21 43	-66	-0.7	SURVEY B SECTORS 9,10
256 09 07 00	-72	-60.1	SURVEY B SECTORS 9,10	256 09 21 47	-60	-0.7	SURVEY B SECTORS 9,10
256 09 07 06	-72	-60.1	SURVEY B SECTORS 9,10	256 09 21 52	-54	-0.7	SURVEY B SECTORS 9,10
256 09 07 07	-72	-60.1	SURVEY B SECTORS 9,10	256 09 21 56	-48	-0.7	SURVEY B SECTORS 9,10
256 09 13 27	-72	-60.1	SURVEY B SECTORS 9,10	256 09 22 01	-42	-0.7	SURVEY B SECTORS 9,10
256 09 14 02	-66	-60.1	SURVEY B SECTORS 9,10	256 09 22 05	-36	-0.7	SURVEY B SECTORS 9,10
256 09 14 05	-60	-60.1	SURVEY B SECTORS 9,10	256 09 22 10	-33	4.3	SURVEY B SECTORS 11,12
256 09 14 10	-54	-60.1	SURVEY B SECTORS 9,10	256 09 22 14	-39	4.3	SURVEY B SECTORS 9,10
256 09 14 15	-48	-60.1	SURVEY B SECTORS 9,10	256 09 22 19	-45	4.3	SURVEY B SECTORS 9,10
256 09 14 20	-42	-60.1	SURVEY B SECTORS 9,10	256 09 22 23	-51	4.3	SURVEY B SECTORS 9,10
256 09 14 23	-36	-60.1	SURVEY B SECTORS 9,10	256 09 22 28	-57	4.3	SURVEY B SECTORS 9,10
256 09 14 28	-33	-55.2	SURVEY B SECTORS 11,12	256 09 22 32	-63	4.3	SURVEY B SECTORS 9,10
256 09 14 33	-39	-55.2	SURVEY B SECTORS 9,10	256 09 22 37	-69	4.3	SURVEY B SECTORS 9,10
256 09 14 38	-45	-55.2	SURVEY B SECTORS 9,10	256 09 22 41	-72	9.3	SURVEY B SECTORS 9,10
256 09 14 41	-51	-55.2	SURVEY B SECTORS 9,10	256 09 22 46	-66	9.3	SURVEY B SECTORS 9,10
256 09 14 46	-57	-55.2	SURVEY B SECTORS 9,10	256 09 22 50	-60	9.3	SURVEY B SECTORS 9,10
256 09 14 51	-63	-55.2	SURVEY B SECTORS 9,10	256 09 22 55	-54	9.3	SURVEY B SECTORS 9,10
256 09 14 56	-69	-55.2	SURVEY B SECTORS 9,10	256 09 22 59	-48	9.3	SURVEY B SECTORS 9,10
256 09 14 59	-72	-50.2	SURVEY B SECTORS 9,10	256 09 23 03	-42	9.3	SURVEY B SECTORS 9,10
256 09 15 04	-66	-50.2	SURVEY B SECTORS 9,10	256 09 23 08	-36	9.3	SURVEY B SECTORS 9,10
256 09 15 09	-60	-50.2	SURVEY B SECTORS 9,10	256 09 23 39	-30	-60.1	SURVEY B SECTORS 11,12
256 09 15 14	-54	-50.2	SURVEY B SECTORS 9,10	256 09 24 07	-30	-60.1	SURVEY B SECTORS 11,12
256 09 15 18	-48	-50.2	SURVEY B SECTORS 9,10	256 09 24 12	-24	-60.1	SURVEY B SECTORS 11,12
256 09 15 22	-42	-50.2	SURVEY B SECTORS 9,10	256 09 24 16	-18	-60.1	SURVEY B SECTORS 11,12
256 09 15 27	-36	-50.2	SURVEY B SECTORS 9,10	256 09 24 21	-12	-60.1	SURVEY B SECTORS 11,12
256 09 15 31	-33	-45.3	SURVEY B SECTORS 11,12	256 09 24 25	-6	-60.1	SURVEY B SECTORS 11,12
256 09 15 36	-39	-45.3	SURVEY B SECTORS 9,10	256 09 24 30	-3	-55.2	SURVEY B SECTORS 11,12
256 09 15 40	-45	-45.3	SURVEY B SECTORS 9,10	256 09 24 34	-9	-55.2	SURVEY B SECTORS 11,12
256 09 15 45	-51	-45.3	SURVEY B SECTORS 9,10	256 09 24 39	-15	-55.2	SURVEY B SECTORS 11,12
256 09 15 49	-57	-45.3	SURVEY B SECTORS 9,10	256 09 24 43	-21	-55.2	SURVEY B SECTORS 11,12
256 09 15 54	-63	-45.3	SURVEY B SECTORS 9,10	256 09 24 47	-27	-55.2	SURVEY B SECTORS 11,12
256 09 15 58	-69	-45.3	SURVEY B SECTORS 9,10	256 09 24 52	-30	-50.2	SURVEY B SECTORS 11,12
256 09 16 03	-72	-40.3	SURVEY B SECTORS 9,10	256 09 24 57	-24	-50.2	SURVEY B SECTORS 11,12
256 09 16 07	-66	-40.3	SURVEY B SECTORS 9,10	256 09 25 01	-18	-50.2	SURVEY B SECTORS 11,12
256 09 16 12	-60	-40.3	SURVEY B SECTORS 9,10	256 09 25 05	-12	-50.2	SURVEY B SECTORS 11,12
256 09 16 16	-54	-40.3	SURVEY B SECTORS 9,10	256 09 25 10	-6	-50.2	SURVEY B SECTORS 11,12
256 09 16 20	-48	-40.3	SURVEY B SECTORS 9,10	256 09 25 15	-3	-45.3	SURVEY B SECTORS 11,12
256 09 16 25	-42	-40.3	SURVEY B SECTORS 9,10	256 09 25 20	-9	-45.3	SURVEY B SECTORS 11,12
256 09 16 30	-36	-40.3	SURVEY B SECTORS 9,10	256 09 25 23	-15	-45.3	SURVEY B SECTORS 11,12
256 09 17 35	-33	-35.3	SURVEY B SECTORS 11,12	256 09 25 28	-21	-45.3	SURVEY B SECTORS 11,12
256 09 17 38	-39	-35.3	SURVEY B SECTORS 9,10	256 09 25 33	-27	-45.3	SURVEY B SECTORS 11,12
256 09 17 43	-45	-35.3	SURVEY B SECTORS 9,10	256 09 25 38	-30	-40.3	SURVEY B SECTORS 11,12
256 09 17 48	-51	-35.3	SURVEY B SECTORS 9,10	256 09 25 41	-24	-40.3	SURVEY B SECTORS 11,12

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
256 09 25 46	-18	-40.3	SURVEY B SECTORS 11,12	257 01 18 20	-51	-25.3	PHOTOMETRY B
256 09 25 51	-12	-40.3	SURVEY B SECTORS 11,12	257 01 18 26	-51	-25.3	PHOTOMETRY B
256 09 25 56	-6	-40.3	SURVEY B SECTORS 11,12	257 01 19 02	-48	-30.3	PHOTOMETRY B
256 09 25 59	-3	-35.3	SURVEY B SECTORS 11,12	257 01 19 08	-48	-30.3	PHOTOMETRY B
256 09 26 04	-9	-35.3	SURVEY B SECTORS 11,12	257 01 19 14	-48	-30.3	PHOTOMETRY B
256 09 26 09	-15	-35.3	SURVEY B SECTORS 11,12	257 01 19 50	-45	-35.3	PHOTOMETRY B
256 09 26 14	-21	-35.3	SURVEY B SECTORS 11,12	257 01 19 56	-45	-35.3	PHOTOMETRY B
256 09 26 17	-27	-35.3	SURVEY B SECTORS 11,12	257 01 20 02	-45	-35.3	PHOTOMETRY B
256 10 07 00	-27	-35.3	SURVEY B SECTORS 11,12	257 01 20 38	-42	-40.3	PHOTOMETRY B
256 10 10 16	-30	-30.3	SURVEY B SECTORS 11,12	257 01 20 44	-42	-40.3	PHOTOMETRY B
256 10 10 19	-24	-30.3	SURVEY B SECTORS 11,12	257 01 20 50	-42	-40.3	PHOTOMETRY B
256 10 10 24	-18	-30.3	SURVEY B SECTORS 11,12	257 01 21 23	-39	-45.3	PHOTOMETRY B
256 10 10 29	-12	-30.3	SURVEY B SECTORS 11,12	257 01 21 29	-39	-45.3	PHOTOMETRY B
256 10 10 34	-6	-30.3	SURVEY B SECTORS 11,12	257 01 21 35	-39	-45.3	PHOTOMETRY B
256 10 10 37	-3	-25.3	SURVEY B SECTORS 11,12	257 01 22 22	-30	-50.2	PHOTOMETRY B
256 10 10 42	-9	-25.3	SURVEY B SECTORS 11,12	257 01 22 28	-30	-50.2	PHOTOMETRY B
256 10 10 47	-15	-25.3	SURVEY B SECTORS 11,12	257 01 22 34	-30	-50.2	PHOTOMETRY B
256 10 10 52	-21	-25.3	SURVEY B SECTORS 11,12	257 01 22 54	-24	-50.2	PHOTOMETRY B
256 10 10 55	-27	-25.3	SURVEY B SECTORS 11,12	257 01 23 00	-24	-50.2	PHOTOMETRY B
256 10 11 00	-30	-20.3	SURVEY B SECTORS 11,12	257 01 23 06	-24	-50.2	PHOTOMETRY B
256 10 11 05	-24	-20.3	SURVEY B SECTORS 11,12	257 01 24 19	-15	-55.2	PHOTOMETRY B
256 10 11 10	-18	-20.3	SURVEY B SECTORS 11,12	257 01 24 25	-15	-55.2	PHOTOMETRY B
256 10 11 13	-12	-20.3	SURVEY B SECTORS 11,12	257 01 24 31	-15	-55.2	PHOTOMETRY B
256 10 11 18	-6	-20.3	SURVEY B SECTORS 11,12	257 01 24 50	-9	-55.2	PHOTOMETRY B
256 10 11 23	-3	-15.3	SURVEY B SECTORS 11,12	257 01 24 56	-9	-55.2	PHOTOMETRY B
256 10 11 28	-9	-15.3	SURVEY B SECTORS 11,12	257 01 25 02	-9	-55.2	PHOTOMETRY B
256 10 11 31	-15	-15.3	SURVEY B SECTORS 11,12	257 01 26 08	0	-60.1	PHOTOMETRY B
256 10 11 36	-21	-15.3	SURVEY B SECTORS 11,12	257 01 26 14	0	-60.1	PHOTOMETRY B
256 10 11 41	-27	-15.3	SURVEY B SECTORS 11,12	257 01 26 20	0	-60.1	PHOTOMETRY B
256 10 11 46	-30	-10.5	SURVEY B SECTORS 11,12	257 01 26 39	6	-60.1	PHOTOMETRY B
256 10 11 50	-24	-10.5	SURVEY B SECTORS 11,12	257 01 26 45	6	-60.1	PHOTOMETRY B
256 10 11 55	-18	-10.5	SURVEY B SECTORS 11,12	257 01 26 51	6	-60.1	PHOTOMETRY B
256 10 11 59	-12	-10.5	SURVEY B SECTORS 11,12	257 01 27 14	18	-60.1	PHOTOMETRY B
256 10 12 04	-6	-10.5	SURVEY B SECTORS 11,12	257 01 27 20	18	-60.1	PHOTOMETRY B
256 10 13 21	-3	-5.6	SURVEY B SECTORS 11,12	257 01 27 26	18	-60.1	PHOTOMETRY B
256 10 13 25	-9	-5.6	SURVEY B SECTORS 11,12	257 01 27 53	27	-60.1	PHOTOMETRY B
256 10 13 30	-15	-5.6	SURVEY B SECTORS 11,12	257 01 27 58	27	-60.1	PHOTOMETRY B
256 10 13 35	-21	-5.6	SURVEY B SECTORS 11,12	257 01 28 04	27	-60.1	PHOTOMETRY B
256 10 13 39	-27	-5.6	SURVEY B SECTORS 11,12	257 01 28 24	36	-60.1	PHOTOMETRY B
256 10 13 44	-30	-0.7	SURVEY B SECTORS 11,12	257 01 28 30	36	-60.1	PHOTOMETRY B
256 10 13 49	-24	-0.7	SURVEY B SECTORS 11,12	257 01 28 36	36	-60.1	PHOTOMETRY B
256 10 13 54	-18	-0.7	SURVEY B SECTORS 11,12	257 01 28 55	45	-60.1	PHOTOMETRY B
256 10 13 57	-12	-0.7	SURVEY B SECTORS 11,12	257 01 29 01	45	-60.1	PHOTOMETRY B
256 10 14 02	-6	-0.7	SURVEY B SECTORS 11,12	257 01 29 07	45	-60.1	PHOTOMETRY B
256 10 14 07	-3	4.3	SURVEY B SECTORS 11,12	257 01 29 32	54	-55.2	PHOTOMETRY B
256 10 14 12	-9	4.3	SURVEY B SECTORS 11,12	257 01 29 38	54	-55.2	PHOTOMETRY B
256 10 14 15	-15	4.3	SURVEY B SECTORS 11,12	257 01 29 44	54	-55.2	PHOTOMETRY B
256 10 14 20	-21	4.3	SURVEY B SECTORS 11,12	257 02 01 06	45	-60.1	PHOTOMETRY B
256 10 14 25	-27	4.3	SURVEY B SECTORS 11,12	257 02 01 36	45	-60.1	PHOTOMETRY B
256 10 14 30	-30	9.3	SURVEY B SECTORS 11,12	257 02 01 42	45	-60.1	PHOTOMETRY B
256 10 14 34	-24	9.3	SURVEY B SECTORS 11,12	257 02 01 48	45	-60.1	PHOTOMETRY B
256 10 14 38	-18	9.3	SURVEY B SECTORS 11,12	257 02 02 18	54	-55.2	PHOTOMETRY B
256 10 14 43	-12	9.3	SURVEY B SECTORS 11,12	257 02 02 24	54	-55.2	PHOTOMETRY B
256 10 14 48	-6	9.3	SURVEY B SECTORS 11,12	257 02 02 30	54	-55.2	PHOTOMETRY B
256 10 14 52	-3	14.4	SURVEY B SECTORS 11,12	257 02 03 00	63	-55.2	PHOTOMETRY B
256 10 14 56	-9	14.4	SURVEY B SECTORS 11,12	257 02 03 06	63	-55.2	PHOTOMETRY B
256 10 15 01	-15	14.4	SURVEY B SECTORS 11,12	257 02 03 12	63	-55.2	PHOTOMETRY B
256 10 15 06	-21	14.4	SURVEY B SECTORS 11,12	257 02 05 07	96	-30.3	PHOTOMETRY B
256 10 15 10	-27	14.4	SURVEY B SECTORS 11,12	257 02 05 38	96	-30.3	PHOTOMETRY B
256 10 16 29	-33	14.4	SURVEY B SECTORS 11,12	257 02 05 44	96	-30.3	PHOTOMETRY B
256 10 17 00	-39	14.4	SURVEY B SECTORS 9,10	257 02 06 22	99	-25.3	PHOTOMETRY B
256 10 17 34	-45	14.4	SURVEY B SECTORS 9,10	257 02 06 28	99	-25.3	PHOTOMETRY B
256 10 18 12	-42	19.4	SURVEY B SECTORS 9,10	257 02 06 34	99	-25.3	PHOTOMETRY B
256 10 18 36	-36	19.4	SURVEY B SECTORS 9,10	257 02 07 04	102	-20.3	PHOTOMETRY B
256 10 19 03	-30	19.4	SURVEY B SECTORS 11,12	257 02 07 10	102	-20.3	PHOTOMETRY B
256 10 20 17	-24	19.4	SURVEY B SECTORS 11,12	257 02 07 16	102	-20.3	PHOTOMETRY B
256 10 20 20	-18	19.4	SURVEY B SECTORS 11,12	257 02 07 47	105	-15.3	PHOTOMETRY B
256 10 20 25	-12	19.4	SURVEY B SECTORS 11,12	257 02 07 53	105	-15.3	PHOTOMETRY B
256 10 20 30	-6	19.4	SURVEY B SECTORS 11,12	257 02 07 59	105	-15.3	PHOTOMETRY B
256 10 21 05	0	-60.1	SURVEY B SECTORS 11,12	257 02 08 32	108	-10.5	PHOTOMETRY B
257 01 02 37	0	-60.1	MAGNETS B	257 02 08 38	108	-10.5	PHOTOMETRY B
257 01 05 05	-57	-60.1	MAGNETS B	257 02 08 44	108	-10.5	PHOTOMETRY B
257 01 05 29	-57	-60.1	MAGNETS B	257 02 09 13	111	-5.6	PHOTOMETRY B
257 01 07 36	-57	-60.1	MAGNETS B	257 02 09 19	111	-5.6	PHOTOMETRY B
257 01 11 31	-60	-60.1	PHOTOMETRY B	257 02 09 25	111	-5.6	PHOTOMETRY B
257 01 13 00	-60	-60.1	PHOTOMETRY B	257 02 09 54	114	-0.7	PHOTOMETRY B
257 01 13 06	-60	-60.1	PHOTOMETRY B	257 02 10 00	114	-0.7	PHOTOMETRY B
257 01 13 12	-60	-60.1	PHOTOMETRY B	257 02 10 06	114	-0.7	PHOTOMETRY B
257 01 14 47	-60	-10.5	PHOTOMETRY B	257 02 11 16	75	24.3	PHOTOMETRY B
257 01 14 53	-60	-10.5	PHOTOMETRY B	257 02 11 22	75	24.3	PHOTOMETRY B
257 01 14 59	-60	-10.5	PHOTOMETRY B	257 02 11 28	75	24.3	PHOTOMETRY B
257 01 15 39	-57	-15.3	PHOTOMETRY B	257 02 12 06	75	24.3	PHOTOMETRY B
257 01 15 45	-57	-15.3	PHOTOMETRY B	257 02 12 12	75	24.3	PHOTOMETRY B
257 01 15 51	-57	-15.3	PHOTOMETRY B	257 02 12 18	75	24.3	PHOTOMETRY B
257 01 16 24	-57	-15.3	PHOTOMETRY B	257 02 37 10	75	24.3	PHOTOMETRY B
257 01 17 18	-54	-20.3	PHOTOMETRY B	257 02 37 50	72	14.4	PHOTOMETRY B
257 01 17 24	-54	-20.3	PHOTOMETRY B	257 02 38 14	72	14.4	PHOTOMETRY B
257 01 17 30	-54	-20.3	PHOTOMETRY B	257 02 38 20	72	14.4	PHOTOMETRY B
257 01 18 14	-51	-25.3	PHOTOMETRY B	257 02 39 20	69	4.3	PHOTOMETRY B

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
257 02 39 26	69	4.3	PHOTOMETRY B	257 03 38 49	-78	-60.1	PHOTOMETRY B
257 02 39 32	69	4.3	PHOTOMETRY B	257 03 39 00	-78	-60.1	PHOTOMETRY B
257 02 40 12	66	-5.6	PHOTOMETRY B	257 03 39 10	-78	-60.1	PHOTOMETRY B
257 02 40 18	66	-5.6	PHOTOMETRY B	257 03 40 23	-156	-40.3	PHOTOMETRY B
257 02 40 24	66	-5.6	PHOTOMETRY B	257 03 40 34	-156	-40.3	PHOTOMETRY B
257 02 41 41	51	-5.6	PHOTOMETRY B	257 03 40 45	-156	-40.3	PHOTOMETRY B
257 02 42 10	51	-5.6	PHOTOMETRY B	257 03 41 21	-156	-30.3	PHOTOMETRY B
257 02 42 16	51	-5.6	PHOTOMETRY B	257 03 41 33	-156	-30.3	PHOTOMETRY B
257 02 42 43	51	-5.6	PHOTOMETRY B	257 03 41 44	-156	-30.3	PHOTOMETRY B
257 02 42 49	51	-5.6	PHOTOMETRY B	257 03 42 57	-156	-30.3	PHOTOMETRY B
257 02 42 55	51	-5.6	PHOTOMETRY B	257 03 43 07	-156	-30.3	PHOTOMETRY B
257 02 43 29	51	-5.6	PHOTOMETRY B	257 03 43 18	-156	-30.3	PHOTOMETRY B
257 02 43 35	51	-5.6	PHOTOMETRY B	257 03 45 45	-60	-60.1	PHOTOMETRY B
257 02 43 41	51	-5.6	PHOTOMETRY B	257 03 45 56	-60	-60.1	PHOTOMETRY B
257 02 44 23	51	-5.6	PHOTOMETRY B	257 03 46 07	-60	-60.1	PHOTOMETRY B
257 02 44 29	51	-5.6	PHOTOMETRY B	257 03 47 32	-60	-60.1	PHOTOMETRY B
257 02 44 35	51	-5.6	PHOTOMETRY B	257 03 47 43	-60	-60.1	PHOTOMETRY B
257 02 46 30	60	-10.5	PHOTOMETRY B	257 03 47 53	-60	-60.1	PHOTOMETRY B
257 02 46 36	60	-10.5	PHOTOMETRY B	257 03 48 28	-60	-60.1	PHOTOMETRY B
257 02 46 42	60	-10.5	PHOTOMETRY B	257 03 48 39	-60	-60.1	PHOTOMETRY B
257 02 47 21	57	-20.3	PHOTOMETRY B	257 03 48 50	-60	-60.1	PHOTOMETRY B
257 02 47 27	57	-20.3	PHOTOMETRY B	257 03 49 32	-60	-60.1	PHOTOMETRY B
257 02 47 33	57	-20.3	PHOTOMETRY B	257 03 49 44	-60	-60.1	PHOTOMETRY B
257 02 48 11	54	-30.3	PHOTOMETRY B	257 03 49 55	-60	-60.1	PHOTOMETRY B
257 02 48 17	54	-30.3	PHOTOMETRY B	257 03 53 03	36	-45.3	W/A COLOR ON ASI
257 02 48 23	54	-30.3	PHOTOMETRY B	257 03 54 08	36	-45.3	W/A COLOR ON ASI
257 02 49 00	24	-30.3	PHOTOMETRY B	257 03 54 53	36	-45.3	W/A COLOR ON ASI
257 02 49 06	24	-30.3	PHOTOMETRY B	257 03 55 32	36	-45.3	W/A COLOR ON ASI
257 02 49 12	24	-30.3	PHOTOMETRY B	257 03 55 43	36	-45.3	W/A COLOR ON ASI
257 02 49 44	24	-20.3	PHOTOMETRY B	257 03 56 07	36	-45.3	W/A COLOR ON ASI
257 02 49 50	24	-20.3	PHOTOMETRY B	257 03 56 13	36	-45.3	W/A COLOR ON ASI
257 02 49 56	24	-20.3	PHOTOMETRY B	257 03 56 18	36	-45.3	W/A COLOR ON ASI
257 02 50 31	24	-10.5	PHOTOMETRY B	257 03 57 05	36	-45.3	W/A COLOR ON ASI
257 02 50 36	24	-10.5	PHOTOMETRY B	257 03 57 17	36	-45.3	W/A COLOR ON ASI
257 02 50 42	24	-10.5	PHOTOMETRY B	257 03 57 28	36	-45.3	W/A COLOR ON ASI
257 02 51 13	24	-10.5	PHOTOMETRY B	257 03 58 13	36	-45.3	W/A COLOR ON ASI
257 02 51 19	24	-10.5	PHOTOMETRY B	257 03 58 24	36	-45.3	W/A COLOR ON ASI
257 02 51 25	24	-10.5	PHOTOMETRY B	257 03 58 35	36	-45.3	W/A COLOR ON ASI
257 02 52 06	24	-0.7	PHOTOMETRY B	257 03 59 18	36	-50.2	W/A COLOR ON ASI
257 02 52 18	24	-0.7	PHOTOMETRY B	257 04 00 02	36	-55.2	W/A COLOR ON ASI
257 02 53 31	24	9.3	PHOTOMETRY B	257 04 00 41	36	-55.2	W/A COLOR ON ASI
257 02 53 39	24	9.3	PHOTOMETRY B	257 04 02 42	33	-55.2	W/A COLOR ON ASI
257 02 53 46	24	9.3	PHOTOMETRY B	257 04 03 10	39	-55.2	W/A COLOR ON ASI
257 02 54 08	24	19.4	PHOTOMETRY B	257 04 04 31	42	-55.2	W/A COLOR ON ASI
257 02 54 16	24	19.4	PHOTOMETRY B	257 04 34 46	-54	-65.1	SPECIAL MISC.
257 02 54 23	24	19.4	PHOTOMETRY B	257 04 36 07	-54	-65.1	SPECIAL MISC.
257 02 55 11	-21	9.3	PHOTOMETRY B	257 04 37 45	-54	-65.1	SPECIAL MISC.
257 02 55 19	-21	9.3	PHOTOMETRY B	257 04 38 13	-54	-55.2	SPECIAL MISC.
257 02 55 28	-21	9.3	PHOTOMETRY B	257 04 38 18	-66	-55.2	SPECIAL MISC.
257 02 55 53	-18	-0.7	PHOTOMETRY B	257 04 38 22	-66	-65.1	SPECIAL MISC.
257 02 56 00	-18	-0.7	PHOTOMETRY B	257 04 39 05	-75	-70.1	SPECIAL MISC.
257 02 56 09	-18	-0.7	PHOTOMETRY B	257 04 40 32	-72	-70.1	SPECIAL MISC.
257 02 57 42	-18	-0.7	PHOTOMETRY B	257 04 40 55	-72	-70.1	SPECIAL MISC.
257 02 57 53	-18	-0.7	PHOTOMETRY B	257 04 41 10	-78	-70.1	SPECIAL MISC.
257 02 58 03	-18	-0.7	PHOTOMETRY B	257 04 41 24	-78	-70.1	SPECIAL MISC.
257 02 58 54	-15	-10.5	PHOTOMETRY B	257 04 42 06	-78	-60.1	SPECIAL MISC.
257 02 59 06	-15	-10.5	PHOTOMETRY B	257 04 42 28	-84	-60.1	SPECIAL MISC.
257 02 59 16	-15	-10.5	PHOTOMETRY B	257 04 42 44	-90	-60.1	SPECIAL MISC.
257 03 00 02	-9	-20.3	PHOTOMETRY B	257 04 43 02	-96	-60.1	SPECIAL MISC.
257 03 00 13	-9	-20.3	PHOTOMETRY B	257 04 43 28	-93	-65.1	SPECIAL MISC.
257 03 00 23	-9	-20.3	PHOTOMETRY B	257 04 43 46	-87	-65.1	SPECIAL MISC.
257 03 26 30	-9	-20.3	PHOTOMETRY B	257 04 44 01	-81	-65.1	SPECIAL MISC.
257 03 27 33	-6	-30.3	PHOTOMETRY B	257 04 44 21	-75	-70.1	SPECIAL MISC.
257 03 27 43	-6	-30.3	PHOTOMETRY B	257 04 45 14	-72	-70.1	SPECIAL MISC.
257 03 27 54	-6	-30.3	PHOTOMETRY B	257 04 45 18	-66	-70.1	SPECIAL MISC.
257 03 29 02	-6	-30.3	PHOTOMETRY B	257 04 45 22	-60	-70.1	SPECIAL MISC.
257 03 29 14	-6	-30.3	PHOTOMETRY B	257 04 45 27	-54	-70.1	SPECIAL MISC.
257 03 29 25	-6	-30.3	PHOTOMETRY B	257 04 45 32	-48	-70.1	SPECIAL MISC.
257 03 30 15	0	-40.3	PHOTOMETRY B	257 04 45 36	-42	-70.1	SPECIAL MISC.
257 03 30 26	0	-40.3	PHOTOMETRY B	257 04 45 42	-39	-65.1	SPECIAL MISC.
257 03 30 37	0	-40.3	PHOTOMETRY B	257 04 45 46	-45	-65.1	SPECIAL MISC.
257 03 32 12	-105	-30.3	PHOTOMETRY B	257 04 45 50	-51	-65.1	SPECIAL MISC.
257 03 32 24	-105	-30.3	PHOTOMETRY B	257 04 45 55	-57	-65.1	SPECIAL MISC.
257 03 32 34	-105	-30.3	PHOTOMETRY B	257 04 46 00	-63	-65.1	SPECIAL MISC.
257 03 33 25	-99	-40.3	PHOTOMETRY B	257 04 46 04	-69	-65.1	SPECIAL MISC.
257 03 33 35	-99	-40.3	PHOTOMETRY B	257 04 46 08	-75	-65.1	SPECIAL MISC.
257 03 33 46	-99	-40.3	PHOTOMETRY B	257 04 46 13	-78	-65.1	SPECIAL MISC.
257 03 34 34	-93	-50.2	PHOTOMETRY B	257 04 46 18	-78	-60.1	SPECIAL MISC.
257 03 34 45	-93	-50.2	PHOTOMETRY B	257 04 46 22	-72	-60.1	SPECIAL MISC.
257 03 34 56	-93	-50.2	PHOTOMETRY B	257 04 46 27	-69	-60.1	SPECIAL MISC.
257 03 35 28	-93	-50.2	PHOTOMETRY B	257 04 46 31	-66	-60.1	SPECIAL MISC.
257 03 35 40	-93	-50.2	PHOTOMETRY B	257 04 46 35	-60	-60.1	SPECIAL MISC.
257 03 35 51	-93	-50.2	PHOTOMETRY B	257 04 46 41	-54	-60.1	SPECIAL MISC.
257 03 36 48	-93	-50.2	PHOTOMETRY B	257 04 46 45	-48	-60.1	SPECIAL MISC.
257 03 37 00	-93	-50.2	PHOTOMETRY B	257 04 46 50	-42	-60.1	SPECIAL MISC.
257 03 37 11	-93	-50.2	PHOTOMETRY B	257 04 46 55	-45	-55.2	SPECIAL MISC.
257 03 37 49	-87	-55.2	PHOTOMETRY B	257 04 46 59	-51	-55.2	SPECIAL MISC.
257 03 38 00	-87	-55.2	PHOTOMETRY B	257 04 47 03	-54	-55.2	SPECIAL MISC.
257 03 38 11	-87	-55.2	PHOTOMETRY B	257 04 47 08	-57	-55.2	SPECIAL MISC.

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
257 04 47 13	-60	-55.2	SPECIAL MISC.	257 05 43 58	-201	-35.3	MIRROR FOCUS RANGING D
257 04 47 17	-63	-55.2	SPECIAL MISC.	257 05 44 12	-201	-35.3	MIRROR FOCUS RANGING D
257 04 47 22	-66	-55.2	SPECIAL MISC.	257 05 44 29	-201	-35.3	MIRROR FOCUS RANGING D
257 04 47 26	-69	-55.2	SPECIAL MISC.	257 05 44 45	-201	-35.3	MIRROR FOCUS RANGING D
257 04 47 30	-72	-55.2	SPECIAL MISC.	257 05 45 03	-201	-35.3	MIRROR FOCUS RANGING D
257 04 47 35	-75	-55.2	SPECIAL MISC.	257 05 45 18	-201	-35.3	MIRROR FOCUS RANGING D
257 04 47 40	-72	-50.2	SPECIAL MISC.	257 05 46 13	-201	-40.3	MIRROR FOCUS RANGING D
257 04 47 44	-66	-50.2	SPECIAL MISC.	257 05 47 39	-204	-40.3	MIRROR FOCUS RANGING D
257 04 47 48	-60	-50.2	SPECIAL MISC.	257 05 47 46	-207	-40.3	MIRROR FOCUS RANGING D
257 04 47 53	-54	-50.2	SPECIAL MISC.	257 05 47 54	-210	-40.3	MIRROR FOCUS RANGING D
257 04 47 58	-48	-50.2	SPECIAL MISC.	257 05 48 01	-210	-45.3	MIRROR FOCUS RANGING D
257 04 50 45	81	-45.3	SPECIAL MISC.	257 05 48 41	-210	-45.3	MIRROR FOCUS RANGING D
257 04 52 24	81	-45.3	SPECIAL MISC.	257 05 49 52	-213	-45.3	MIRROR FOCUS RANGING D
257 04 52 56	84	-45.3	SPECIAL MISC.	257 05 49 56	-216	-45.3	MIRROR FOCUS RANGING D
257 04 52 59	87	-45.3	SPECIAL MISC.	257 05 50 00	-216	-50.2	MIRROR FOCUS RANGING D
257 04 53 04	90	-45.3	SPECIAL MISC.	257 05 50 05	-213	-50.2	MIRROR FOCUS RANGING D
257 04 53 09	93	-45.3	SPECIAL MISC.	257 05 50 10	-210	-50.2	MIRROR FOCUS RANGING D
257 04 53 13	96	-45.3	SPECIAL MISC.	257 05 50 15	-207	-50.2	MIRROR FOCUS RANGING D
257 04 53 17	99	-45.3	SPECIAL MISC.	257 05 50 18	-204	-50.2	MIRROR FOCUS RANGING D
257 04 53 22	99	-50.2	SPECIAL MISC.	257 05 50 23	-201	-50.2	MIRROR FOCUS RANGING D
257 04 53 27	96	-50.2	SPECIAL MISC.	257 05 50 28	-201	-55.2	MIRROR FOCUS RANGING D
257 04 53 31	93	-50.2	SPECIAL MISC.	257 05 50 33	-204	-55.2	MIRROR FOCUS RANGING D
257 04 53 35	90	-50.2	SPECIAL MISC.	257 05 50 36	-207	-55.2	MIRROR FOCUS RANGING D
257 04 53 40	87	-50.2	SPECIAL MISC.	257 05 50 41	-210	-55.2	MIRROR FOCUS RANGING D
257 04 53 45	84	-50.2	SPECIAL MISC.	257 05 50 46	-213	-55.2	MIRROR FOCUS RANGING D
257 04 53 49	81	-50.2	SPECIAL MISC.	257 05 50 51	-216	-55.2	MIRROR FOCUS RANGING D
257 04 53 53	78	-50.2	SPECIAL MISC.	257 05 56 04	-54	-65.1	SURVEY W-D
257 04 53 58	75	-50.2	SPECIAL MISC.	257 05 56 50	-72	-65.1	SURVEY W-D
257 04 54 05	90	-55.2	SPECIAL MISC.	257 05 56 56	-72	-50.2	SURVEY W-D
257 04 54 10	93	-55.2	SPECIAL MISC.	257 05 57 01	-72	-35.3	SURVEY W-D
257 04 54 14	96	-55.2	SPECIAL MISC.	257 05 57 34	-72	-20.3	SURVEY W-D
257 04 54 19	99	-55.2	SPECIAL MISC.	257 05 57 38	-72	-5.6	SURVEY W-D
257 04 57 09	87	-15.3	SPECIAL MISC.	257 05 57 43	-72	9.3	SURVEY W-D
257 04 58 21	81	-15.3	SPECIAL MISC.	257 05 57 49	-54	9.3	SURVEY W-D
257 04 58 26	75	-15.3	SPECIAL MISC.	257 05 57 54	-54	-5.6	SURVEY W-D
257 04 58 30	69	19.4	SPECIAL MISC.	257 05 57 57	-54	-20.3	SURVEY W-D
257 04 58 34	72	-20.3	SPECIAL MISC.	257 05 58 02	-54	-35.3	SURVEY W-D
257 04 58 39	75	-20.3	SPECIAL MISC.	257 05 58 07	-54	-50.2	SURVEY W-D
257 04 58 44	78	-20.3	SPECIAL MISC.	257 05 58 12	-36	-50.2	SURVEY W-D
257 04 58 48	81	-20.3	SPECIAL MISC.	257 05 58 16	-36	-35.3	SURVEY W-D
257 04 58 52	84	-20.3	SPECIAL MISC.	257 05 58 21	-36	-20.3	SURVEY W-D
257 04 58 58	81	-25.3	SPECIAL MISC.	257 05 58 26	-36	-5.6	SURVEY W-D
257 04 59 01	78	-25.3	SPECIAL MISC.	257 05 58 29	-36	9.3	SURVEY W-D
257 04 59 06	75	-25.3	SPECIAL MISC.	257 05 58 35	-18	9.3	SURVEY W-D
257 04 59 11	72	-25.3	SPECIAL MISC.	257 05 58 40	-18	-5.6	SURVEY W-D
257 04 59 16	69	-25.3	SPECIAL MISC.	257 05 58 45	-18	-20.3	SURVEY W-D
257 05 00 38	84	-30.3	SPECIAL MISC.	257 05 58 49	-18	-35.3	SURVEY W-D
257 05 01 01	78	-30.3	SPECIAL MISC.	257 05 58 53	-18	-50.2	SURVEY W-D
257 05 01 21	72	-30.3	SPECIAL MISC.	257 05 59 01	0	-50.2	SURVEY W-D
257 05 01 48	66	-30.3	SPECIAL MISC.	257 05 59 05	0	-35.3	SURVEY W-D
257 05 02 20	69	-25.3	SPECIAL MISC.	257 05 59 10	0	-20.3	SURVEY W-D
257 05 02 48	75	-25.3	SPECIAL MISC.	257 05 59 15	0	-5.6	SURVEY W-D
257 05 03 56	81	-25.3	SPECIAL MISC.	257 05 59 18	0	9.3	SURVEY W-D
257 05 04 03	78	-20.3	SPECIAL MISC.	257 05 59 23	0	24.3	SURVEY W-D
257 05 05 11	51	-5.6	SPECIAL MISC.	257 05 59 29	18	24.3	SURVEY W-D
257 05 07 18	-216	-15.3	SPECIAL MISC.	257 05 59 34	18	9.3	SURVEY W-D
257 05 08 53	-210	14.4	SPECIAL MISC.	257 05 59 38	18	-5.6	SURVEY W-D
257 05 09 23	-213	14.4	SPECIAL MISC.	257 05 59 42	18	-20.3	SURVEY W-D
257 05 09 28	-216	14.4	SPECIAL MISC.	257 05 59 47	18	-35.3	SURVEY W-D
257 05 09 33	-216	9.3	SPECIAL MISC.	257 05 59 52	18	-50.2	SURVEY W-D
257 05 09 36	-213	9.3	SPECIAL MISC.	257 05 59 57	36	-50.2	SURVEY W-D
257 05 09 41	-210	9.3	SPECIAL MISC.	257 06 00 02	36	-35.3	SURVEY W-D
257 05 09 46	-207	9.3	SPECIAL MISC.	257 06 00 06	36	-20.3	SURVEY W-D
257 05 09 51	-204	9.3	SPECIAL MISC.	257 06 00 11	36	-5.6	SURVEY W-D
257 05 09 54	-201	9.3	SPECIAL MISC.	257 06 00 15	36	9.3	SURVEY W-D
257 05 09 59	-201	4.3	SPECIAL MISC.	257 06 00 19	36	24.3	SURVEY W-D
257 05 10 04	-204	4.3	SPECIAL MISC.	257 06 00 25	54	24.3	SURVEY W-D
257 05 10 09	-207	4.3	SPECIAL MISC.	257 06 00 29	54	9.3	SURVEY W-D
257 05 10 12	-210	4.3	SPECIAL MISC.	257 06 01 14	54	9.3	SURVEY W-D
257 05 10 17	-213	4.3	SPECIAL MISC.	257 06 02 19	54	-5.6	SURVEY W-D
257 05 10 22	-216	4.3	SPECIAL MISC.	257 06 02 23	54	-20.3	SURVEY W-D
257 05 14 39	-216	-40.3	MIRROR FOCUS RANGING D	257 06 02 27	54	-35.3	SURVEY W-D
257 05 17 09	-195	-40.3	MIRROR FOCUS RANGING D	257 06 02 32	54	-50.2	SURVEY W-D
257 05 18 38	-201	-40.3	MIRROR FOCUS RANGING D	257 06 02 38	72	-50.2	SURVEY W-D
257 05 18 43	-207	-40.3	MIRROR FOCUS RANGING D	257 06 02 42	72	-35.3	SURVEY W-D
257 05 18 47	-213	-40.3	MIRROR FOCUS RANGING D	257 06 02 46	72	-20.3	SURVEY W-D
257 05 19 29	-216	-40.3	MIRROR FOCUS RANGING D	257 06 02 51	72	-5.6	SURVEY W-D
257 05 19 34	-213	-35.3	MIRROR FOCUS RANGING D	257 06 03 41	72	9.3	SURVEY W-D
257 05 19 37	-210	-35.3	MIRROR FOCUS RANGING D	257 06 03 45	72	24.3	SURVEY W-D
257 05 19 42	-207	-35.3	MIRROR FOCUS RANGING D	257 06 03 51	90	24.3	SURVEY W-D
257 05 19 47	-204	-35.3	MIRROR FOCUS RANGING D	257 06 03 56	90	9.3	SURVEY W-D
257 05 19 52	-201	-35.3	MIRROR FOCUS RANGING D	257 06 04 44	90	-5.6	SURVEY W-D
257 05 19 55	-198	-40.3	MIRROR FOCUS RANGING D	257 06 04 48	90	-20.3	SURVEY W-D
257 05 20 26	-201	-40.3	MIRROR FOCUS RANGING D	257 06 04 53	90	-35.3	SURVEY W-D
257 05 41 28	-201	-35.3	MIRROR FOCUS RANGING D	257 06 04 58	90	-50.2	SURVEY W-D
257 05 42 49	-201	-35.3	MIRROR FOCUS RANGING D	257 06 05 47	108	-50.2	SURVEY W-D
257 05 43 08	-201	-35.3	MIRROR FOCUS RANGING D	257 06 05 52	108	-35.3	SURVEY W-D
257 05 43 23	-201	-35.3	MIRROR FOCUS RANGING D	257 06 05 56	108	-20.3	SURVEY W-D
257 05 43 41	-201	-35.3	MIRROR FOCUS RANGING D	257 06 06 00	108	-5.6	SURVEY W-D

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
257 06 06 05	108	9.3	SURVEY W-D	257 06 59 11	12	-55.2	SURVEY C SECTORS 13,14
257 06 06 11	126	9.3	SURVEY W-D	257 06 59 16	6	-55.2	SURVEY C SECTORS 13,14
257 06 06 16	126	-5.6	SURVEY W-D	257 06 59 20	3	-50.2	SURVEY C SECTORS 13,14
257 06 06 19	126	-20.3	SURVEY W-D	257 06 59 24	9	-50.2	SURVEY C SECTORS 13,14
257 06 06 24	126	-35.3	SURVEY W-D	257 06 59 29	15	-50.2	SURVEY C SECTORS 13,14
257 06 06 29	126	-50.2	SURVEY W-D	257 06 59 34	21	-50.2	SURVEY C SECTORS 13,14
257 06 06 35	126	-65.1	SURVEY W-D	257 06 59 38	27	-50.2	SURVEY C SECTORS 13,14
257 06 06 39	108	-65.1	SURVEY W-D	257 06 59 43	30	-45.3	SURVEY C SECTORS 13,14
257 06 06 45	90	-65.1	SURVEY W-D	257 06 59 47	24	-45.3	SURVEY C SECTORS 13,14
257 06 06 51	72	-65.1	SURVEY W-D	257 06 59 52	18	-45.3	SURVEY C SECTORS 13,14
257 06 06 56	54	-65.1	SURVEY W-D	257 06 59 56	12	-45.3	SURVEY C SECTORS 13,14
257 06 07 02	36	-65.1	SURVEY W-D	257 07 00 01	6	-45.3	SURVEY C SECTORS 13,14
257 06 07 07	18	-65.1	SURVEY W-D	257 07 00 05	3	-40.3	SURVEY C SECTORS 13,14
257 06 07 13	0	-65.1	SURVEY W-D	257 07 00 09	9	-40.3	SURVEY C SECTORS 13,14
257 06 07 19	-18	-65.1	SURVEY W-D	257 07 00 14	15	-40.3	SURVEY C SECTORS 13,14
257 06 07 24	-36	-65.1	SURVEY W-D	257 07 00 19	21	-40.3	SURVEY C SECTORS 13,14
257 06 07 30	-54	-65.1	SURVEY W-D	257 07 00 23	27	-40.3	SURVEY C SECTORS 13,14
257 06 07 42	-90	-50.2	SURVEY W-D	257 07 00 27	30	-35.3	SURVEY C SECTORS 13,14
257 06 07 46	-90	-35.3	SURVEY W-D	257 07 00 32	24	-35.3	SURVEY C SECTORS 13,14
257 06 08 23	-90	-20.3	SURVEY W-D	257 07 00 37	18	-35.3	SURVEY C SECTORS 13,14
257 06 08 28	-90	-5.6	SURVEY W-D	257 07 00 42	12	-35.3	SURVEY C SECTORS 13,14
257 06 08 33	-108	-5.6	SURVEY W-D	257 07 00 45	6	-35.3	SURVEY C SECTORS 13,14
257 06 08 38	-108	-20.3	SURVEY W-D	257 07 01 01	3	-30.3	SURVEY C SECTORS 13,14
257 06 08 43	-108	-35.3	SURVEY W-D	257 07 01 06	9	-30.3	SURVEY C SECTORS 13,14
257 06 08 47	-108	-50.2	SURVEY W-D	257 07 01 10	15	-30.3	SURVEY C SECTORS 13,14
257 06 08 52	-126	-50.2	SURVEY W-D	257 07 01 15	21	-30.3	SURVEY C SECTORS 13,14
257 06 08 57	-126	-35.3	SURVEY W-D	257 07 01 19	27	-30.3	SURVEY C SECTORS 13,14
257 06 09 02	-126	-20.3	SURVEY W-D	257 07 01 24	30	-25.3	SURVEY C SECTORS 13,14
257 06 09 06	-126	-5.6	SURVEY W-D	257 07 01 28	24	-25.3	SURVEY C SECTORS 13,14
257 06 09 11	-144	-5.6	SURVEY W-D	257 07 01 33	18	-25.3	SURVEY C SECTORS 13,14
257 06 09 16	-144	-20.3	SURVEY W-D	257 07 01 37	12	-25.3	SURVEY C SECTORS 13,14
257 06 09 21	-144	-35.3	SURVEY W-D	257 07 01 41	6	-25.3	SURVEY C SECTORS 13,14
257 06 09 26	-144	-50.2	SURVEY W-D	257 07 01 46	3	-20.3	SURVEY C SECTORS 13,14
257 06 09 30	-162	-50.2	SURVEY W-D	257 07 01 51	9	-20.3	SURVEY C SECTORS 13,14
257 06 09 35	-162	-35.3	SURVEY W-D	257 07 01 55	15	-20.3	SURVEY C SECTORS 13,14
257 06 09 40	-162	-20.3	SURVEY W-D	257 07 02 23	21	-20.3	SURVEY C SECTORS 13,14
257 06 09 43	-162	-5.6	SURVEY W-D	257 07 02 28	27	-20.3	SURVEY C SECTORS 13,14
257 06 09 49	-180	-5.6	SURVEY W-D	257 07 02 33	30	-15.3	SURVEY C SECTORS 13,14
257 06 09 54	-180	-20.3	SURVEY W-D	257 07 02 38	24	-15.3	SURVEY C SECTORS 13,14
257 06 09 59	-180	-35.3	SURVEY W-D	257 07 02 41	18	-15.3	SURVEY C SECTORS 13,14
257 06 10 03	-180	-50.2	SURVEY W-D	257 07 02 46	12	-15.3	SURVEY C SECTORS 13,14
257 06 10 11	-198	-50.2	SURVEY W-D	257 07 02 51	6	-15.3	SURVEY C SECTORS 13,14
257 06 10 15	-198	-35.3	SURVEY W-D	257 07 02 55	3	-10.5	SURVEY C SECTORS 13,14
257 06 10 19	-198	-20.3	SURVEY W-D	257 07 03 00	9	-10.5	SURVEY C SECTORS 13,14
257 06 10 24	-198	-5.6	SURVEY W-D	257 07 03 05	15	-10.5	SURVEY C SECTORS 13,14
257 06 10 29	-198	9.3	SURVEY W-D	257 07 03 09	21	-10.5	SURVEY C SECTORS 13,14
257 06 10 34	-216	9.3	SURVEY W-D	257 07 03 13	27	-10.5	SURVEY C SECTORS 13,14
257 06 10 38	-216	-5.6	SURVEY W-D	257 07 03 18	30	-5.6	SURVEY C SECTORS 13,14
257 06 10 43	-216	-20.3	SURVEY W-D	257 07 03 23	24	-5.6	SURVEY C SECTORS 13,14
257 06 10 48	-216	-35.3	SURVEY W-D	257 07 03 27	18	-5.6	SURVEY C SECTORS 13,14
257 06 10 52	-216	-50.2	SURVEY W-D	257 07 03 31	12	-5.6	SURVEY C SECTORS 13,14
257 06 10 58	-216	-65.1	SURVEY W-D	257 07 03 36	6	-5.6	SURVEY C SECTORS 13,14
257 06 11 03	-198	-65.1	SURVEY W-D	257 07 08 23	3	-0.7	SURVEY C SECTORS 13,14
257 06 11 09	-180	-65.1	SURVEY W-D	257 07 08 28	9	-0.7	SURVEY C SECTORS 13,14
257 06 11 14	-162	-65.1	SURVEY W-D	257 07 08 32	15	-0.7	SURVEY C SECTORS 13,14
257 06 11 20	-144	-65.1	SURVEY W-D	257 07 08 44	21	-0.7	SURVEY C SECTORS 13,14
257 06 11 25	-126	-65.1	SURVEY W-D	257 07 08 49	27	-0.7	SURVEY C SECTORS 13,14
257 06 11 31	-108	-65.1	SURVEY W-D	257 07 08 54	30	4.3	SURVEY C SECTORS 13,14
257 06 11 37	-90	-65.1	SURVEY W-D	257 07 08 59	24	4.3	SURVEY C SECTORS 13,14
257 06 11 45	-54	-65.1	SURVEY W-D	257 07 09 02	18	4.3	SURVEY C SECTORS 13,14
257 06 33 47	-54	-65.1	SURVEY W-D	257 07 09 07	12	4.3	SURVEY C SECTORS 13,14
257 06 36 33	-42	19.4	STARS B	257 07 09 12	6	4.3	SURVEY C SECTORS 13,14
257 06 37 40	-42	19.4	STARS B	257 07 09 17	3	9.3	SURVEY C SECTORS 13,14
257 06 38 33	-42	19.4	STARS B	257 07 10 10	9	9.3	SURVEY C SECTORS 13,14
257 06 38 44	-42	19.4	STARS B	257 07 10 15	15	9.3	SURVEY C SECTORS 13,14
257 06 40 09	-42	19.4	STARS B	257 07 10 20	21	9.3	SURVEY C SECTORS 13,14
257 06 40 20	-42	19.4	STARS B	257 07 10 24	27	9.3	SURVEY C SECTORS 13,14
257 06 42 21	-39	19.4	STARS B	257 07 10 28	30	14.4	SURVEY C SECTORS 13,14
257 06 42 32	-39	19.4	STARS B	257 07 10 33	24	14.4	SURVEY C SECTORS 13,14
257 06 44 57	-42	19.4	STARS B	257 07 10 38	18	14.4	SURVEY C SECTORS 13,14
257 06 45 08	-42	19.4	STARS B	257 07 10 43	12	14.4	SURVEY C SECTORS 13,14
257 06 46 22	-51	29.2	STARS B	257 07 10 46	6	14.4	SURVEY C SECTORS 13,14
257 06 46 33	-51	29.2	STARS B	257 07 10 51	3	19.4	SURVEY C SECTORS 13,14
257 06 47 59	-51	29.2	STARS B	257 07 10 56	9	19.4	SURVEY C SECTORS 13,14
257 06 48 10	-51	29.2	STARS B	257 07 11 01	15	19.4	SURVEY C SECTORS 13,14
257 06 49 53	-48	29.2	STARS B	257 07 11 04	21	19.4	SURVEY C SECTORS 13,14
257 06 50 04	-48	29.2	STARS B	257 07 11 09	27	19.4	SURVEY C SECTORS 13,14
257 06 51 30	-51	29.2	STARS B	257 07 11 14	30	24.3	SURVEY C SECTORS 13,14
257 06 51 42	-51	29.2	STARS B	257 07 11 18	24	24.3	SURVEY C SECTORS 13,14
257 06 52 19	-51	29.2	STARS B	257 07 11 22	18	24.3	SURVEY C SECTORS 13,14
257 06 52 29	-51	29.2	STARS B	257 07 11 27	12	24.3	SURVEY C SECTORS 13,14
257 06 56 08	3	-60.1	SURVEY C SECTORS 13,14	257 07 11 32	6	24.3	SURVEY C SECTORS 13,14
257 06 58 40	9	-60.1	SURVEY C SECTORS 13,14	257 07 11 36	3	29.2	SURVEY C SECTORS 13,14
257 06 58 45	15	-60.1	SURVEY C SECTORS 13,14	257 07 11 41	9	29.2	SURVEY C SECTORS 13,14
257 06 58 48	21	-60.1	SURVEY C SECTORS 13,14	257 07 11 45	15	29.2	SURVEY C SECTORS 13,14
257 06 58 53	27	-60.1	SURVEY C SECTORS 13,14	257 07 11 50	21	29.2	SURVEY C SECTORS 13,14
257 06 58 58	30	-55.2	SURVEY C SECTORS 13,14	257 07 11 54	27	29.2	SURVEY C SECTORS 13,14
257 06 59 03	24	-55.2	SURVEY C SECTORS 13,14	257 07 12 31	33	-60.1	SURVEY C SECTORS 13,14
257 06 59 06	18	-55.2	SURVEY C SECTORS 13,14	257 07 14 01	33	-60.1	SURVEY C SECTORS 13,14

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
257 07 14 24	33	-60.1	SURVEY C SECTORS 13,14	257 07 24 00	36	24.3	SURVEY C SECTORS 13,14
257 07 14 28	39	-60.1	SURVEY C SECTOR 15	257 07 24 04	33	29.2	SURVEY C SECTORS 13,14
257 07 14 33	45	-60.1	SURVEY C SECTOR 15	257 07 24 09	39	29.2	SURVEY C SECTOR 15
257 07 14 38	51	-60.1	SURVEY C SECTOR 15	257 07 24 14	45	29.2	SURVEY C SECTOR 15
257 07 14 42	57	-60.1	SURVEY C SECTOR 15	257 07 24 18	51	29.2	SURVEY C SECTOR 15
257 07 14 46	60	-55.2	SURVEY C SECTOR 15	257 07 24 22	57	29.2	SURVEY C SECTOR 15
257 07 14 51	54	-55.2	SURVEY C SECTOR 15	257 07 25 00	63	-60.1	SURVEY C SECTOR 15
257 07 14 56	48	-55.2	SURVEY C SECTOR 15	257 07 59 21	-57	-60.1	MAGNETS C
257 07 14 59	42	-55.2	SURVEY C SECTOR 15	257 08 00 22	-57	-60.1	MAGNETS C
257 07 15 04	36	-55.2	SURVEY C SECTORS 13,14	257 08 02 05	-57	-60.1	MAGNETS C
257 07 15 09	33	-50.2	SURVEY C SECTORS 13,14	257 08 03 34	-57	-60.1	MAGNETS C
257 07 15 14	39	-50.2	SURVEY C SECTOR 15	257 08 03 45	-57	-60.1	MAGNETS C
257 07 15 19	45	-50.2	SURVEY C SECTOR 15	257 08 04 25	-57	-60.1	MAGNETS C
257 07 15 39	51	-50.2	SURVEY C SECTOR 15	257 08 06 53	-69	-60.1	SURVEY C SECTORS 9,10
257 07 15 44	57	-50.2	SURVEY C SECTOR 15	257 08 07 57	-63	-60.1	SURVEY C SECTORS 9,10
257 07 15 48	60	-45.3	SURVEY C SECTOR 15	257 08 08 00	-57	-60.1	SURVEY C SECTORS 9,10
257 07 15 52	54	-45.3	SURVEY C SECTOR 15	257 08 08 05	-51	-60.1	SURVEY C SECTORS 9,10
257 07 15 57	48	-45.3	SURVEY C SECTOR 15	257 08 08 10	-45	-60.1	SURVEY C SECTORS 9,10
257 07 16 02	42	-45.3	SURVEY C SECTOR 15	257 08 08 15	-39	-60.1	SURVEY C SECTORS 9,10
257 07 16 06	36	-45.3	SURVEY C SECTORS 13,14	257 08 08 18	-33	-60.1	SURVEY C SECTORS 11,12
257 07 16 11	33	-40.3	SURVEY C SECTORS 13,14	257 08 08 23	-30	-55.2	SURVEY C SECTORS 11,12
257 07 16 15	39	-40.3	SURVEY C SECTOR 15	257 08 08 28	-36	-55.2	SURVEY C SECTORS 9,10
257 07 16 20	45	-40.3	SURVEY C SECTOR 15	257 08 08 33	-42	-55.2	SURVEY C SECTORS 9,10
257 07 16 24	51	-40.3	SURVEY C SECTOR 15	257 08 08 38	-48	-55.2	SURVEY C SECTORS 9,10
257 07 16 29	57	-40.3	SURVEY C SECTOR 15	257 08 08 41	-54	-55.2	SURVEY C SECTORS 9,10
257 07 16 33	60	-35.3	SURVEY C SECTOR 15	257 08 08 46	-60	-55.2	SURVEY C SECTORS 9,10
257 07 16 37	54	-35.3	SURVEY C SECTOR 15	257 08 08 51	-66	-55.2	SURVEY C SECTORS 9,10
257 07 16 42	48	-35.3	SURVEY C SECTOR 15	257 08 08 56	-69	-50.2	SURVEY C SECTORS 9,10
257 07 16 47	42	-35.3	SURVEY C SECTOR 15	257 08 08 59	-63	-50.2	SURVEY C SECTORS 9,10
257 07 16 51	36	-35.3	SURVEY C SECTORS 13,14	257 08 09 04	-57	-50.2	SURVEY C SECTORS 9,10
257 07 17 20	33	-30.3	SURVEY C SECTORS 13,14	257 08 09 09	-51	-50.2	SURVEY C SECTORS 9,10
257 07 17 25	39	-30.3	SURVEY C SECTOR 15	257 08 09 13	-45	-50.2	SURVEY C SECTORS 9,10
257 07 17 30	45	-30.3	SURVEY C SECTOR 15	257 08 09 17	-39	-50.2	SURVEY C SECTORS 9,10
257 07 17 34	51	-30.3	SURVEY C SECTOR 15	257 08 09 22	-33	-50.2	SURVEY C SECTORS 11,12
257 07 17 38	57	-30.3	SURVEY C SECTOR 15	257 08 09 27	-30	-45.3	SURVEY C SECTORS 11,12
257 07 17 43	60	-25.3	SURVEY C SECTOR 15	257 08 09 31	-36	-45.3	SURVEY C SECTORS 9,10
257 07 17 48	54	-25.3	SURVEY C SECTOR 15	257 08 09 35	-42	-45.3	SURVEY C SECTORS 9,10
257 07 17 53	48	-25.3	SURVEY C SECTOR 15	257 08 09 40	-48	-45.3	SURVEY C SECTORS 9,10
257 07 17 56	42	-25.3	SURVEY C SECTOR 15	257 08 09 45	-54	-45.3	SURVEY C SECTORS 9,10
257 07 18 20	36	-25.3	SURVEY C SECTORS 13,14	257 08 09 49	-60	-45.3	SURVEY C SECTORS 9,10
257 07 18 25	33	-20.3	SURVEY C SECTORS 13,14	257 08 09 53	-66	-45.3	SURVEY C SECTORS 9,10
257 07 18 30	39	-20.3	SURVEY C SECTOR 15	257 08 09 58	-69	-40.3	SURVEY C SECTORS 9,10
257 07 18 33	45	-20.3	SURVEY C SECTOR 15	257 08 10 02	-63	-40.3	SURVEY C SECTORS 9,10
257 07 18 38	51	-20.3	SURVEY C SECTOR 15	257 08 10 07	-57	-40.3	SURVEY C SECTORS 9,10
257 07 18 43	57	-20.3	SURVEY C SECTOR 15	257 08 10 12	-51	-40.3	SURVEY C SECTORS 9,10
257 07 18 48	60	-15.3	SURVEY C SECTOR 15	257 08 10 16	-45	-40.3	SURVEY C SECTORS 9,10
257 07 18 51	54	-15.3	SURVEY C SECTOR 15	257 08 10 20	-39	-40.3	SURVEY C SECTORS 9,10
257 07 18 56	48	-15.3	SURVEY C SECTOR 15	257 08 10 25	-33	-40.3	SURVEY C SECTORS 11,12
257 07 19 01	42	-15.3	SURVEY C SECTOR 15	257 08 11 07	-30	-35.3	SURVEY C SECTORS 11,12
257 07 19 05	36	-15.3	SURVEY C SECTORS 13,14	257 08 11 11	-36	-35.3	SURVEY C SECTORS 9,10
257 07 19 33	33	-10.5	SURVEY C SECTORS 13,14	257 08 11 15	-42	-35.3	SURVEY C SECTORS 9,10
257 07 19 38	39	-10.5	SURVEY C SECTOR 15	257 08 11 20	-48	-35.3	SURVEY C SECTORS 9,10
257 07 19 42	45	-10.5	SURVEY C SECTOR 15	257 08 11 25	-54	-35.3	SURVEY C SECTORS 9,10
257 07 19 46	51	-10.5	SURVEY C SECTOR 15	257 08 11 29	-60	-35.3	SURVEY C SECTORS 9,10
257 07 19 51	57	-10.5	SURVEY C SECTOR 15	257 08 11 33	-66	-35.3	SURVEY C SECTORS 9,10
257 07 19 56	60	-5.6	SURVEY C SECTOR 15	257 08 11 38	-69	-30.3	SURVEY C SECTORS 9,10
257 07 20 00	54	-5.6	SURVEY C SECTOR 15	257 08 11 43	-63	-30.3	SURVEY C SECTORS 9,10
257 07 20 04	48	-5.6	SURVEY C SECTOR 15	257 08 11 48	-57	-30.3	SURVEY C SECTORS 9,10
257 07 20 09	42	-5.6	SURVEY C SECTOR 15	257 08 11 52	-51	-30.3	SURVEY C SECTORS 9,10
257 07 20 14	36	-5.6	SURVEY C SECTORS 13,14	257 08 11 56	-45	-30.3	SURVEY C SECTORS 9,10
257 07 20 41	33	-0.7	SURVEY C SECTORS 13,14	257 08 12 01	-39	-30.3	SURVEY C SECTORS 9,10
257 07 20 45	39	-0.7	SURVEY C SECTOR 15	257 08 12 06	-33	-30.3	SURVEY C SECTORS 11,12
257 07 20 49	45	-0.7	SURVEY C SECTOR 15	257 08 12 48	-30	-25.3	SURVEY C SECTORS 11,12
257 07 20 54	51	-0.7	SURVEY C SECTOR 15	257 08 12 52	-36	-25.3	SURVEY C SECTORS 9,10
257 07 20 59	57	-0.7	SURVEY C SECTOR 15	257 08 12 57	-42	-25.3	SURVEY C SECTORS 9,10
257 07 21 03	60	4.3	SURVEY C SECTOR 15	257 08 13 01	-48	-25.3	SURVEY C SECTORS 9,10
257 07 21 07	54	4.3	SURVEY C SECTOR 15	257 08 13 05	-54	-25.3	SURVEY C SECTORS 9,10
257 07 21 12	48	4.3	SURVEY C SECTOR 15	257 08 13 10	-60	-25.3	SURVEY C SECTORS 9,10
257 07 21 17	42	4.3	SURVEY C SECTOR 15	257 08 13 15	-66	-25.3	SURVEY C SECTORS 9,10
257 07 21 20	36	4.3	SURVEY C SECTORS 13,14	257 08 13 20	-69	-20.3	SURVEY C SECTORS 9,10
257 07 21 26	33	9.3	SURVEY C SECTORS 13,14	257 08 13 25	-63	-20.3	SURVEY C SECTORS 9,10
257 07 21 53	39	9.3	SURVEY C SECTOR 15	257 08 13 28	-57	-20.3	SURVEY C SECTORS 9,10
257 07 21 58	45	9.3	SURVEY C SECTOR 15	257 08 13 33	-51	-20.3	SURVEY C SECTORS 9,10
257 07 22 01	51	9.3	SURVEY C SECTOR 15	257 08 14 22	-45	-20.3	SURVEY C SECTORS 9,10
257 07 22 06	57	9.3	SURVEY C SECTOR 15	257 08 14 27	-39	-20.3	SURVEY C SECTORS 9,10
257 07 22 12	60	14.4	SURVEY C SECTOR 15	257 08 14 32	-33	-20.3	SURVEY C SECTORS 11,12
257 07 22 15	54	14.4	SURVEY C SECTOR 15	257 08 14 36	-30	-15.3	SURVEY C SECTORS 11,12
257 07 22 20	48	14.4	SURVEY C SECTOR 15	257 08 14 40	-36	-15.3	SURVEY C SECTORS 9,10
257 07 22 25	42	14.4	SURVEY C SECTOR 15	257 08 14 45	-42	-15.3	SURVEY C SECTORS 9,10
257 07 22 30	36	14.4	SURVEY C SECTORS 13,14	257 08 14 49	-48	-15.3	SURVEY C SECTORS 9,10
257 07 22 35	33	19.4	SURVEY C SECTORS 13,14	257 08 14 54	-54	-15.3	SURVEY C SECTORS 9,10
257 07 22 38	39	19.4	SURVEY C SECTOR 15	257 08 14 59	-60	-15.3	SURVEY C SECTORS 9,10
257 07 22 43	45	19.4	SURVEY C SECTOR 15	257 08 15 03	-66	-15.3	SURVEY C SECTORS 9,10
257 07 22 48	51	19.4	SURVEY C SECTOR 15	257 08 15 50	-69	-10.5	SURVEY C SECTORS 9,10
257 07 22 52	57	19.4	SURVEY C SECTOR 15	257 08 15 55	-63	-10.5	SURVEY C SECTORS 9,10
257 07 23 43	60	24.3	SURVEY C SECTOR 15	257 08 16 00	-57	-10.5	SURVEY C SECTORS 9,10
257 07 23 46	54	24.3	SURVEY C SECTOR 15	257 08 16 04	-51	-10.5	SURVEY C SECTORS 9,10
257 07 23 51	48	24.3	SURVEY C SECTOR 15	257 08 16 08	-45	-10.5	SURVEY C SECTORS 9,10
257 07 23 56	42	24.3	SURVEY C SECTOR 15	257 08 16 13	-39	-10.5	SURVEY C SECTORS 9,10

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
257 08 16 18	-33	-10.5	SURVEY C SECTORS 11,12	257 08 30 11	-24	-5.6	SURVEY C SECTORS 11,12
257 08 16 22	-30	-5.6	SURVEY C SECTORS 11,12	257 08 30 17	-27	-0.7	SURVEY C SECTORS 11,12
257 08 16 26	-36	-5.6	SURVEY C SECTORS 9,10	257 08 30 22	-21	-0.7	SURVEY C SECTORS 11,12
257 08 16 31	-42	-5.6	SURVEY C SECTORS 9,10	257 08 30 26	-15	-0.7	SURVEY C SECTORS 11,12
257 08 16 36	-48	-5.6	SURVEY C SECTORS 9,10	257 08 30 30	-9	-0.7	SURVEY C SECTORS 11,12
257 08 16 39	-54	-5.6	SURVEY C SECTORS 9,10	257 08 30 35	-3	-0.7	SURVEY C SECTORS 11,12
257 08 16 44	-60	-5.6	SURVEY C SECTORS 9,10	257 08 30 40	0	4.3	SURVEY C SECTORS 11,12
257 08 16 49	-66	-5.6	SURVEY C SECTORS 9,10	257 08 30 45	-6	4.3	SURVEY C SECTORS 11,12
257 08 16 54	-69	-0.7	SURVEY C SECTORS 9,10	257 08 30 48	-12	4.3	SURVEY C SECTORS 11,12
257 08 16 59	-63	-0.7	SURVEY C SECTORS 9,10	257 08 30 53	-18	4.3	SURVEY C SECTORS 11,12
257 08 17 02	-57	-0.7	SURVEY C SECTORS 9,10	257 08 30 58	-24	4.3	SURVEY C SECTORS 11,12
257 08 17 07	-51	-0.7	SURVEY C SECTORS 9,10	257 08 31 03	-27	9.3	SURVEY C SECTORS 11,12
257 08 17 12	-45	-0.7	SURVEY C SECTORS 9,10	257 08 31 06	-21	9.3	SURVEY C SECTORS 11,12
257 08 17 17	-39	-0.7	SURVEY C SECTORS 9,10	257 08 31 11	-15	9.3	SURVEY C SECTORS 11,12
257 08 18 10	-33	-0.7	SURVEY C SECTORS 11,12	257 08 31 16	-9	9.3	SURVEY C SECTORS 11,12
257 08 18 15	-30	4.3	SURVEY C SECTORS 11,12	257 08 32 11	-3	9.3	SURVEY C SECTORS 11,12
257 08 18 19	-36	4.3	SURVEY C SECTORS 9,10	257 08 32 15	0	14.4	SURVEY C SECTORS 11,12
257 08 18 23	-42	4.3	SURVEY C SECTORS 9,10	257 08 32 19	-6	14.4	SURVEY C SECTORS 11,12
257 08 18 28	-48	4.3	SURVEY C SECTORS 9,10	257 08 32 24	-12	14.4	SURVEY C SECTORS 11,12
257 08 18 33	-54	4.3	SURVEY C SECTORS 9,10	257 08 32 29	-18	14.4	SURVEY C SECTORS 11,12
257 08 18 37	-60	4.3	SURVEY C SECTORS 9,10	257 08 32 33	-24	14.4	SURVEY C SECTORS 11,12
257 08 18 41	-66	4.3	SURVEY C SECTORS 9,10	257 08 32 37	-27	19.4	SURVEY C SECTORS 11,12
257 08 18 46	-69	9.3	SURVEY C SECTORS 9,10	257 08 32 42	-21	19.4	SURVEY C SECTORS 11,12
257 08 18 51	-63	9.3	SURVEY C SECTORS 9,10	257 08 32 47	-15	19.4	SURVEY C SECTORS 11,12
257 08 18 55	-57	9.3	SURVEY C SECTORS 9,10	257 08 32 51	-9	19.4	SURVEY C SECTORS 11,12
257 08 18 59	-51	9.3	SURVEY C SECTORS 9,10	257 08 32 56	-3	19.4	SURVEY C SECTORS 11,12
257 08 19 04	-45	9.3	SURVEY C SECTORS 9,10	257 08 33 30	3	-60.1	SURVEY C SECTORS 13,14
257 08 19 09	-39	9.3	SURVEY C SECTORS 9,10	257 08 35 17	-108	-65.1	FOCUS RANGING B
257 08 19 12	-33	9.3	SURVEY C SECTORS 11,12	257 08 39 01	-108	-65.1	FOCUS RANGING B
257 08 19 45	-27	-60.1	SURVEY C SECTORS 11,12	257 08 39 05	-108	-65.1	FOCUS RANGING B
257 08 20 43	-27	-60.1	SURVEY C SECTORS 11,12	257 08 39 10	-108	-65.1	FOCUS RANGING B
257 08 20 48	-21	-60.1	SURVEY C SECTORS 11,12	257 08 39 14	-108	-65.1	FOCUS RANGING B
257 08 20 52	-15	-60.1	SURVEY C SECTORS 11,12	257 08 39 18	-108	-65.1	FOCUS RANGING B
257 08 20 56	-9	-60.1	SURVEY C SECTORS 11,12	257 08 39 23	-108	-65.1	FOCUS RANGING B
257 08 21 01	-3	-60.1	SURVEY C SECTORS 11,12	257 08 39 28	-108	-65.1	FOCUS RANGING B
257 08 21 06	0	-55.2	SURVEY C SECTORS 11,12	257 08 39 32	-108	-65.1	FOCUS RANGING B
257 08 21 10	-6	-55.2	SURVEY C SECTORS 11,12	257 08 39 41	-108	-60.1	FOCUS RANGING B
257 08 21 14	-12	-55.2	SURVEY C SECTORS 11,12	257 08 40 00	-108	-60.1	FOCUS RANGING B
257 08 21 19	-18	-55.2	SURVEY C SECTORS 11,12	257 08 40 05	-108	-60.1	FOCUS RANGING B
257 08 21 24	-24	-55.2	SURVEY C SECTORS 11,12	257 08 40 09	-108	-60.1	FOCUS RANGING B
257 08 21 28	-27	-50.2	SURVEY C SECTORS 11,12	257 08 40 13	-108	-60.1	FOCUS RANGING B
257 08 21 32	-21	-50.2	SURVEY C SECTORS 11,12	257 08 40 18	-108	-60.1	FOCUS RANGING B
257 08 21 37	-15	-50.2	SURVEY C SECTORS 11,12	257 08 40 23	-108	-60.1	FOCUS RANGING B
257 08 21 42	-9	-50.2	SURVEY C SECTORS 11,12	257 08 40 27	-108	-60.1	FOCUS RANGING B
257 08 21 46	-3	-50.2	SURVEY C SECTORS 11,12	257 08 40 31	-108	-60.1	FOCUS RANGING B
257 08 21 50	0	-45.3	SURVEY C SECTORS 11,12	257 08 40 40	-108	-55.2	FOCUS RANGING B
257 08 21 55	-6	-45.3	SURVEY C SECTORS 11,12	257 08 41 07	-108	-55.2	FOCUS RANGING B
257 08 22 00	-12	-45.3	SURVEY C SECTORS 11,12	257 08 41 12	-108	-55.2	FOCUS RANGING B
257 08 22 03	-18	-45.3	SURVEY C SECTORS 11,12	257 08 41 17	-108	-55.2	FOCUS RANGING B
257 08 22 08	-24	-45.3	SURVEY C SECTORS 11,12	257 08 41 22	-108	-55.2	FOCUS RANGING B
257 08 23 08	-27	-40.3	SURVEY C SECTORS 11,12	257 08 41 25	-108	-55.2	FOCUS RANGING B
257 08 23 13	-21	-40.3	SURVEY C SECTORS 11,12	257 08 41 30	-108	-55.2	FOCUS RANGING B
257 08 23 18	-15	-40.3	SURVEY C SECTORS 11,12	257 08 41 35	-108	-55.2	FOCUS RANGING B
257 08 23 21	-9	-40.3	SURVEY C SECTORS 11,12	257 08 41 39	-108	-55.2	FOCUS RANGING B
257 08 23 26	-3	-40.3	SURVEY C SECTORS 11,12	257 08 41 48	-108	-50.2	FOCUS RANGING B
257 08 23 31	0	-35.3	SURVEY C SECTORS 11,12	257 08 42 11	-108	-50.2	FOCUS RANGING B
257 08 23 35	-6	-35.3	SURVEY C SECTORS 11,12	257 08 42 15	-108	-50.2	FOCUS RANGING B
257 08 23 39	-12	-35.3	SURVEY C SECTORS 11,12	257 08 42 20	-108	-50.2	FOCUS RANGING B
257 08 23 44	-18	-35.3	SURVEY C SECTORS 11,12	257 08 42 24	-108	-50.2	FOCUS RANGING B
257 08 23 49	-24	-35.3	SURVEY C SECTORS 11,12	257 08 42 28	-108	-50.2	FOCUS RANGING B
257 08 23 55	-27	-30.3	SURVEY C SECTORS 11,12	257 08 42 33	-108	-50.2	FOCUS RANGING B
257 08 23 58	-21	-30.3	SURVEY C SECTORS 11,12	257 08 42 38	-108	-50.2	FOCUS RANGING B
257 08 24 03	-15	-30.3	SURVEY C SECTORS 11,12	257 08 42 42	-108	-50.2	FOCUS RANGING B
257 08 24 08	-9	-30.3	SURVEY C SECTORS 11,12	257 08 42 51	-108	-45.3	FOCUS RANGING B
257 08 24 13	-3	-30.3	SURVEY C SECTORS 11,12	257 08 43 19	-108	-45.3	FOCUS RANGING B
257 08 24 16	0	-25.3	SURVEY C SECTORS 11,12	257 08 43 23	-108	-45.3	FOCUS RANGING B
257 08 24 21	-6	-25.3	SURVEY C SECTORS 11,12	257 08 43 28	-108	-45.3	FOCUS RANGING B
257 08 24 26	-12	-25.3	SURVEY C SECTORS 11,12	257 08 43 32	-108	-45.3	FOCUS RANGING B
257 08 24 30	-18	-25.3	SURVEY C SECTORS 11,12	257 08 43 37	-108	-45.3	FOCUS RANGING B
257 08 24 34	-24	-25.3	SURVEY C SECTORS 11,12	257 08 43 41	-108	-45.3	FOCUS RANGING B
257 08 25 23	-27	-20.3	SURVEY C SECTORS 11,12	257 08 43 46	-108	-45.3	FOCUS RANGING B
257 08 25 27	-21	-20.3	SURVEY C SECTORS 11,12	257 08 43 50	-108	-45.3	FOCUS RANGING B
257 08 25 31	-15	-20.3	SURVEY C SECTORS 11,12	257 08 43 58	-108	-40.3	FOCUS RANGING B
257 08 25 36	-9	-20.3	SURVEY C SECTORS 11,12	257 08 44 04	-108	-40.3	FOCUS RANGING B
257 08 25 41	-3	-20.3	SURVEY C SECTORS 11,12	257 08 44 09	-108	-40.3	FOCUS RANGING B
257 08 25 45	0	-15.3	SURVEY C SECTORS 11,12	257 08 44 14	-108	-40.3	FOCUS RANGING B
257 08 25 49	-6	-15.3	SURVEY C SECTORS 11,12	257 08 44 18	-108	-40.3	FOCUS RANGING B
257 08 25 54	-12	-15.3	SURVEY C SECTORS 11,12	257 08 44 23	-108	-40.3	FOCUS RANGING B
257 08 25 59	-18	-15.3	SURVEY C SECTORS 11,12	257 08 44 27	-108	-40.3	FOCUS RANGING B
257 08 26 02	-24	-15.3	SURVEY C SECTORS 11,12	257 08 44 31	-108	-40.3	FOCUS RANGING B
257 08 26 08	-27	-10.5	SURVEY C SECTORS 11,12	257 08 44 36	-108	-40.3	FOCUS RANGING B
257 08 26 12	-21	-10.5	SURVEY C SECTORS 11,12	257 08 44 45	-108	-35.3	FOCUS RANGING B
257 08 26 17	-15	-10.5	SURVEY C SECTORS 11,12	257 08 44 52	-108	-35.3	FOCUS RANGING B
257 08 26 22	-9	-10.5	SURVEY C SECTORS 11,12	257 08 44 57	-108	-35.3	FOCUS RANGING B
257 08 26 26	-3	-10.5	SURVEY C SECTORS 11,12	257 08 45 00	-108	-35.3	FOCUS RANGING B
257 08 29 53	0	-5.6	SURVEY C SECTORS 11,12	257 08 45 05	-108	-35.3	FOCUS RANGING B
257 08 29 58	-6	-5.6	SURVEY C SECTORS 11,12	257 08 45 10	-108	-35.3	FOCUS RANGING B
257 08 30 03	-12	-5.6	SURVEY C SECTORS 11,12	257 08 45 15	-108	-35.3	FOCUS RANGING B
257 08 30 08	-18	-5.6	SURVEY C SECTORS 11,12	257 08 45 18	-108	-35.3	FOCUS RANGING B

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
257 08 45 23	-108	-35.3	FOCUS RANGING B	258 01 45 11	0	-60.1	PHOTOMETRY C
257 08 45 32	-108	-30.3	FOCUS RANGING B	258 01 45 30	6	-60.1	PHOTOMETRY C
257 08 45 37	-108	-30.3	FOCUS RANGING B	258 01 45 41	6	-60.1	PHOTOMETRY C
257 08 45 42	-108	-30.3	FOCUS RANGING B	258 01 45 52	6	-60.1	PHOTOMETRY C
257 08 45 47	-108	-30.3	FOCUS RANGING B	258 01 46 11	18	-60.1	PHOTOMETRY C
257 08 45 52	-108	-30.3	FOCUS RANGING B	258 01 46 22	18	-60.1	PHOTOMETRY C
257 08 45 55	-108	-30.3	FOCUS RANGING B	258 01 46 33	18	-60.1	PHOTOMETRY C
257 08 46 00	-108	-30.3	FOCUS RANGING B	258 01 47 03	27	-60.1	PHOTOMETRY C
257 08 46 05	-108	-30.3	FOCUS RANGING B	258 01 47 14	27	-60.1	PHOTOMETRY C
257 08 46 09	-108	-30.3	FOCUS RANGING B	258 01 47 24	27	-60.1	PHOTOMETRY C
257 08 46 18	-108	-25.3	FOCUS RANGING B	258 01 47 58	36	-60.1	PHOTOMETRY C
257 08 46 23	-108	-25.3	FOCUS RANGING B	258 01 48 09	36	-60.1	PHOTOMETRY C
257 08 46 27	-108	-25.3	FOCUS RANGING B	258 01 48 20	36	-60.1	PHOTOMETRY C
257 08 46 32	-108	-25.3	FOCUS RANGING B	258 01 48 39	45	-60.1	PHOTOMETRY C
257 08 46 37	-108	-25.3	FOCUS RANGING B	258 01 48 50	45	-60.1	PHOTOMETRY C
257 08 46 42	-108	-25.3	FOCUS RANGING B	258 01 49 00	45	-60.1	PHOTOMETRY C
257 08 46 45	-108	-25.3	FOCUS RANGING B	258 01 49 29	54	-55.2	PHOTOMETRY C
257 08 46 52	-108	-20.3	FOCUS RANGING B	258 01 49 40	54	-55.2	PHOTOMETRY C
257 08 46 58	-108	-20.3	FOCUS RANGING B	258 01 49 51	54	-55.2	PHOTOMETRY C
257 08 47 03	-108	-20.3	FOCUS RANGING B	258 01 50 10	63	-55.2	PHOTOMETRY C
257 08 47 07	-108	-20.3	FOCUS RANGING B	258 01 50 21	63	-55.2	PHOTOMETRY C
258 01 16 17	-60	-55.2	PHOTOMETRY C	258 01 50 32	63	-55.2	PHOTOMETRY C
258 01 18 18	-60	-55.2	PHOTOMETRY C	258 01 51 24	96	-30.3	PHOTOMETRY C
258 01 19 55	-60	-55.2	PHOTOMETRY C	258 01 51 50	96	-30.3	PHOTOMETRY C
258 01 20 43	-60	-60.1	PHOTOMETRY C	258 01 52 00	96	-30.3	PHOTOMETRY C
258 01 22 04	-60	-60.1	PHOTOMETRY C	258 01 52 28	99	-25.3	PHOTOMETRY C
258 01 22 48	-60	-60.1	PHOTOMETRY C	258 01 52 39	99	-25.3	PHOTOMETRY C
258 01 22 49	-60	-60.1	PHOTOMETRY C	258 01 52 51	99	-25.3	PHOTOMETRY C
258 01 25 04	-60	-60.1	PHOTOMETRY C	258 01 53 17	102	-20.3	PHOTOMETRY C
258 01 25 10	-60	-60.1	PHOTOMETRY C	258 01 53 28	102	-20.3	PHOTOMETRY C
258 01 25 16	-60	-60.1	PHOTOMETRY C	258 01 53 39	102	-20.3	PHOTOMETRY C
258 01 25 22	-60	-60.1	PHOTOMETRY C	258 01 54 09	105	-15.3	PHOTOMETRY C
258 01 25 28	-60	-60.1	PHOTOMETRY C	258 01 54 20	105	-15.3	PHOTOMETRY C
258 01 27 18	-60	-60.1	PHOTOMETRY C	258 01 54 30	105	-15.3	PHOTOMETRY C
258 01 27 24	-60	-60.1	PHOTOMETRY C	258 01 54 58	108	-10.5	PHOTOMETRY C
258 01 27 30	-60	-60.1	PHOTOMETRY C	258 01 55 09	108	-10.5	PHOTOMETRY C
258 01 28 24	-60	-10.5	PHOTOMETRY C	258 01 55 20	108	-10.5	PHOTOMETRY C
258 01 28 30	-60	-10.5	PHOTOMETRY C	258 01 55 48	111	-5.6	PHOTOMETRY C
258 01 28 36	-60	-10.5	PHOTOMETRY C	258 01 55 59	111	-5.6	PHOTOMETRY C
258 01 30 24	-60	-10.5	PHOTOMETRY C	258 01 56 10	111	-5.6	PHOTOMETRY C
258 01 30 30	-60	-10.5	PHOTOMETRY C	258 02 01 09	114	-0.7	PHOTOMETRY C
258 01 30 36	-60	-10.5	PHOTOMETRY C	258 02 01 20	114	-0.7	PHOTOMETRY C
258 01 31 17	-60	-10.5	PHOTOMETRY C	258 02 01 30	114	-0.7	PHOTOMETRY C
258 01 31 23	-60	-10.5	PHOTOMETRY C	258 02 02 23	75	24.3	PHOTOMETRY C
258 01 31 29	-60	-10.5	PHOTOMETRY C	258 02 02 34	75	24.3	PHOTOMETRY C
258 01 32 45	-57	-15.3	PHOTOMETRY C	258 02 02 45	75	24.3	PHOTOMETRY C
258 01 32 51	-57	-15.3	PHOTOMETRY C	258 02 03 48	75	24.3	PHOTOMETRY C
258 01 32 57	-57	-15.3	PHOTOMETRY C	258 02 03 59	75	24.3	PHOTOMETRY C
258 01 33 24	-54	-20.3	PHOTOMETRY C	258 02 04 10	75	24.3	PHOTOMETRY C
258 01 33 30	-54	-20.3	PHOTOMETRY C	258 02 04 34	72	14.4	PHOTOMETRY C
258 01 33 36	-54	-20.3	PHOTOMETRY C	258 02 04 46	72	14.4	PHOTOMETRY C
258 01 34 01	-51	-25.3	PHOTOMETRY C	258 02 04 57	72	14.4	PHOTOMETRY C
258 01 34 07	-51	-25.3	PHOTOMETRY C	258 02 06 23	72	14.4	PHOTOMETRY C
258 01 34 13	-51	-25.3	PHOTOMETRY C	258 02 06 34	72	14.4	PHOTOMETRY C
258 01 34 40	-48	-30.3	PHOTOMETRY C	258 02 06 46	72	14.4	PHOTOMETRY C
258 01 34 46	-48	-30.3	PHOTOMETRY C	258 02 08 12	69	4.3	PHOTOMETRY C
258 01 34 52	-48	-30.3	PHOTOMETRY C	258 02 08 23	69	4.3	PHOTOMETRY C
258 01 35 18	-45	-35.3	PHOTOMETRY C	258 02 08 35	69	4.3	PHOTOMETRY C
258 01 35 24	-45	-35.3	PHOTOMETRY C	258 02 09 07	66	-5.6	PHOTOMETRY C
258 01 35 30	-45	-35.3	PHOTOMETRY C	258 02 09 18	66	-5.6	PHOTOMETRY C
258 01 36 09	-45	-35.3	PHOTOMETRY C	258 02 09 29	66	-5.6	PHOTOMETRY C
258 01 36 15	-45	-35.3	PHOTOMETRY C	258 02 10 05	66	-5.6	PHOTOMETRY C
258 01 36 21	-45	-35.3	PHOTOMETRY C	258 02 10 42	66	-5.6	PHOTOMETRY C
258 01 37 10	-45	-35.3	PHOTOMETRY C	258 02 11 43	66	-5.6	PHOTOMETRY C
258 01 37 16	-45	-35.3	PHOTOMETRY C	258 02 11 54	66	-5.6	PHOTOMETRY C
258 01 37 22	-45	-35.3	PHOTOMETRY C	258 02 12 05	66	-5.6	PHOTOMETRY C
258 01 38 20	-42	-40.3	PHOTOMETRY C	258 02 12 44	51	-5.6	PHOTOMETRY C
258 01 38 26	-42	-40.3	PHOTOMETRY C	258 02 13 43	51	-5.6	PHOTOMETRY C
258 01 38 32	-42	-40.3	PHOTOMETRY C	258 02 13 54	51	-5.6	PHOTOMETRY C
258 01 39 22	-39	-45.3	PHOTOMETRY C	258 02 14 05	51	-5.6	PHOTOMETRY C
258 01 39 28	-39	-45.3	PHOTOMETRY C	258 02 40 22	51	-5.6	PHOTOMETRY C
258 01 39 34	-39	-45.3	PHOTOMETRY C	258 02 41 12	51	-5.6	PHOTOMETRY C
258 01 41 21	-39	-45.3	PHOTOMETRY C	258 02 41 23	51	-5.6	PHOTOMETRY C
258 01 41 27	-39	-45.3	PHOTOMETRY C	258 02 41 34	51	-5.6	PHOTOMETRY C
258 01 41 33	-39	-45.3	PHOTOMETRY C	258 02 42 11	51	-5.6	PHOTOMETRY C
258 01 42 06	-30	-50.2	PHOTOMETRY C	258 02 42 22	51	-5.6	PHOTOMETRY C
258 01 42 12	-30	-50.2	PHOTOMETRY C	258 02 42 33	51	-5.6	PHOTOMETRY C
258 01 42 18	-30	-50.2	PHOTOMETRY C	258 02 43 17	51	-5.6	PHOTOMETRY C
258 01 42 36	-24	-50.2	PHOTOMETRY C	258 02 43 28	51	-5.6	PHOTOMETRY C
258 01 42 42	-24	-50.2	PHOTOMETRY C	258 02 43 40	51	-5.6	PHOTOMETRY C
258 01 42 48	-24	-50.2	PHOTOMETRY C	258 02 44 35	60	-10.5	PHOTOMETRY C
258 01 43 21	-15	-55.2	PHOTOMETRY C	258 02 44 45	60	-10.5	PHOTOMETRY C
258 01 43 32	-15	-55.2	PHOTOMETRY C	258 02 44 56	60	-10.5	PHOTOMETRY C
258 01 43 42	-15	-55.2	PHOTOMETRY C	258 02 45 37	57	-20.3	PHOTOMETRY C
258 01 44 00	-9	-55.2	PHOTOMETRY C	258 02 45 48	57	-20.3	PHOTOMETRY C
258 01 44 12	-9	-55.2	PHOTOMETRY C	258 02 45 59	57	-20.3	PHOTOMETRY C
258 01 44 23	-9	-55.2	PHOTOMETRY C	258 02 46 29	54	-30.3	PHOTOMETRY C
258 01 44 50	0	-60.1	PHOTOMETRY C	258 02 46 39	54	-30.3	PHOTOMETRY C
258 01 45 00	0	-60.1	PHOTOMETRY C	258 02 46 50	54	-30.3	PHOTOMETRY C

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
258 02 47 28	24	-30.3	PHOTOMETRY C	258 03 25 34	-54	-5.6	SURVEY W-E
258 02 47 39	24	-30.3	PHOTOMETRY C	258 03 25 37	-54	-20.3	SURVEY W-E
258 02 47 50	24	-30.3	PHOTOMETRY C	258 03 25 42	-54	-35.3	SURVEY W-E
258 02 48 18	24	-20.3	PHOTOMETRY C	258 03 25 47	-54	-50.2	SURVEY W-E
258 02 48 29	24	-20.3	PHOTOMETRY C	258 03 25 52	-36	-50.2	SURVEY W-E
258 02 48 40	24	-20.3	PHOTOMETRY C	258 03 25 56	-36	-35.3	SURVEY W-E
258 02 49 07	24	-10.5	PHOTOMETRY C	258 03 26 01	-36	-20.3	SURVEY W-E
258 02 49 18	24	-10.5	PHOTOMETRY C	258 03 26 06	-36	-5.6	SURVEY W-E
258 02 49 28	24	-10.5	PHOTOMETRY C	258 03 26 10	-36	9.3	SURVEY W-E
258 02 49 54	24	-0.7	PHOTOMETRY C	258 03 26 16	-18	9.3	SURVEY W-E
258 02 50 04	24	-0.7	PHOTOMETRY C	258 03 26 20	-18	-5.6	SURVEY W-E
258 02 50 16	24	-0.7	PHOTOMETRY C	258 03 26 24	-18	-20.3	SURVEY W-E
258 02 50 45	24	9.3	PHOTOMETRY C	258 03 26 29	-18	-35.3	SURVEY W-E
258 02 50 56	24	9.3	PHOTOMETRY C	258 03 26 34	-18	-50.2	SURVEY W-E
258 02 51 08	24	9.3	PHOTOMETRY C	258 03 26 41	0	-50.2	SURVEY W-E
258 02 51 42	24	19.4	PHOTOMETRY C	258 03 26 46	0	-35.3	SURVEY W-E
258 02 51 54	24	19.4	PHOTOMETRY C	258 03 26 51	0	-20.3	SURVEY W-E
258 02 52 04	24	19.4	PHOTOMETRY C	258 03 26 55	0	-5.6	SURVEY W-E
258 02 53 00	24	19.4	PHOTOMETRY C	258 03 26 59	0	9.3	SURVEY W-E
258 02 53 10	24	19.4	PHOTOMETRY C	258 03 27 04	0	24.3	SURVEY W-E
258 02 53 21	24	19.4	PHOTOMETRY C	258 03 27 10	18	24.3	SURVEY W-E
258 02 54 00	-21	9.3	PHOTOMETRY C	258 03 27 13	18	9.3	SURVEY W-E
258 02 54 10	-21	9.3	PHOTOMETRY C	258 03 27 18	18	-5.6	SURVEY W-E
258 02 54 21	-21	9.3	PHOTOMETRY C	258 03 27 23	18	-20.3	SURVEY W-E
258 02 54 43	-18	-0.7	PHOTOMETRY C	258 03 27 28	18	-35.3	SURVEY W-E
258 02 54 53	-18	-0.7	PHOTOMETRY C	258 03 27 31	18	-50.2	SURVEY W-E
258 02 55 04	-18	-0.7	PHOTOMETRY C	258 03 27 58	18	-50.2	SURVEY W-E
258 02 56 05	-18	-0.7	PHOTOMETRY C	258 03 28 13	36	-50.2	SURVEY W-E
258 02 56 17	-18	-0.7	PHOTOMETRY C	258 03 28 17	36	-35.3	SURVEY W-E
258 02 56 28	-18	-0.7	PHOTOMETRY C	258 03 28 22	36	-20.3	SURVEY W-E
258 02 58 56	-15	-10.5	PHOTOMETRY C	258 03 28 26	36	-5.6	SURVEY W-E
258 02 59 07	-15	-10.5	PHOTOMETRY C	258 03 29 17	36	-5.6	SURVEY W-E
258 02 59 17	-15	-10.5	PHOTOMETRY C	258 03 29 29	36	9.3	SURVEY W-E
258 02 59 56	-9	-20.3	PHOTOMETRY C	258 03 29 34	36	24.3	SURVEY W-E
258 03 00 07	-9	-20.3	PHOTOMETRY C	258 03 29 38	54	24.3	SURVEY W-E
258 03 00 17	-9	-20.3	PHOTOMETRY C	258 03 29 43	54	9.3	SURVEY W-E
258 03 00 51	-6	-30.3	PHOTOMETRY C	258 03 29 48	54	-5.6	SURVEY W-E
258 03 01 02	-6	-30.3	PHOTOMETRY C	258 03 30 08	54	-5.6	SURVEY W-E
258 03 01 13	-6	-30.3	PHOTOMETRY C	258 03 30 19	54	-20.3	SURVEY W-E
258 03 01 35	-6	-30.3	PHOTOMETRY C	258 03 30 24	54	-35.3	SURVEY W-E
258 03 01 46	-6	-30.3	PHOTOMETRY C	258 03 30 29	54	-50.2	SURVEY W-E
258 03 01 57	-6	-30.3	PHOTOMETRY C	258 03 30 33	72	-50.2	SURVEY W-E
258 03 02 29	0	-40.3	PHOTOMETRY C	258 03 30 38	72	-35.3	SURVEY W-E
258 03 02 41	0	-40.3	PHOTOMETRY C	258 03 30 43	72	-20.3	SURVEY W-E
258 03 02 52	0	-40.3	PHOTOMETRY C	258 03 30 48	72	-5.6	SURVEY W-E
258 03 03 11	0	-40.3	PHOTOMETRY C	258 03 31 24	72	-5.6	SURVEY W-E
258 03 03 22	0	-40.3	PHOTOMETRY C	258 03 31 34	72	9.3	SURVEY W-E
258 03 03 33	-105	-30.3	PHOTOMETRY C	258 03 31 39	72	24.3	SURVEY W-E
258 03 05 05	-105	-30.3	PHOTOMETRY C	258 03 31 45	90	24.3	SURVEY W-E
258 03 05 16	-105	-30.3	PHOTOMETRY C	258 03 31 49	90	9.3	SURVEY W-E
258 03 05 27	-105	-30.3	PHOTOMETRY C	258 03 31 54	90	-5.6	SURVEY W-E
258 03 06 06	-99	-40.3	PHOTOMETRY C	258 03 32 09	90	-5.6	SURVEY W-E
258 03 06 17	-99	-40.3	PHOTOMETRY C	258 03 32 20	90	-20.3	SURVEY W-E
258 03 06 28	-99	-40.3	PHOTOMETRY C	258 03 32 25	90	-35.3	SURVEY W-E
258 03 07 06	-93	-50.2	PHOTOMETRY C	258 03 32 30	90	-50.2	SURVEY W-E
258 03 07 17	-93	-50.2	PHOTOMETRY C	258 03 32 37	108	-50.2	SURVEY W-E
258 03 07 28	-93	-50.2	PHOTOMETRY C	258 03 32 42	108	-35.3	SURVEY W-E
258 03 08 03	-87	-55.2	PHOTOMETRY C	258 03 32 46	108	-20.3	SURVEY W-E
258 03 08 14	-87	-55.2	PHOTOMETRY C	258 03 32 50	108	-5.6	SURVEY W-E
258 03 08 24	-87	-55.2	PHOTOMETRY C	258 03 33 05	108	-5.6	SURVEY W-E
258 03 08 54	-78	-60.1	PHOTOMETRY C	258 03 33 35	108	9.3	SURVEY W-E
258 03 09 05	-78	-60.1	PHOTOMETRY C	258 03 33 40	126	9.3	SURVEY W-E
258 03 09 16	-78	-60.1	PHOTOMETRY C	258 03 33 45	126	-5.6	SURVEY W-E
258 03 10 18	-156	-40.3	PHOTOMETRY C	258 03 33 50	123	-20.3	SURVEY W-E
258 03 10 29	-156	-40.3	PHOTOMETRY C	258 03 33 55	126	-35.3	SURVEY W-E
258 03 10 40	-156	-40.3	PHOTOMETRY C	258 03 33 58	126	-50.2	SURVEY W-E
258 03 11 09	-156	-30.3	PHOTOMETRY C	258 03 34 04	126	-65.1	SURVEY W-E
258 03 11 19	-156	-30.3	PHOTOMETRY C	258 03 34 10	105	-65.1	SURVEY W-E
258 03 11 31	-156	-30.3	PHOTOMETRY C	258 03 34 16	90	-65.1	SURVEY W-E
258 03 12 43	-60	-60.1	PHOTOMETRY C	258 03 34 21	72	-65.1	SURVEY W-E
258 03 12 54	-60	-60.1	PHOTOMETRY C	258 03 34 27	54	-65.1	SURVEY W-E
258 03 13 05	-60	-60.1	PHOTOMETRY C	258 03 34 32	36	-65.1	SURVEY W-E
258 03 14 40	-60	-60.1	PHOTOMETRY C	258 03 34 38	18	-65.1	SURVEY W-E
258 03 14 50	-60	-60.1	PHOTOMETRY C	258 03 34 44	0	-65.1	SURVEY W-E
258 03 15 02	-60	-60.1	PHOTOMETRY C	258 03 34 49	-18	-65.1	SURVEY W-E
258 03 15 45	-60	-60.1	PHOTOMETRY C	258 03 34 55	-36	-65.1	SURVEY W-E
258 03 15 56	-60	-60.1	PHOTOMETRY C	258 03 34 59	-54	-65.1	SURVEY W-E
258 03 16 08	-60	-60.1	PHOTOMETRY C	258 03 35 11	-90	-50.2	SURVEY W-E
258 03 16 55	-60	-60.1	PHOTOMETRY C	258 03 35 16	-90	-35.3	SURVEY W-E
258 03 17 06	-60	-60.1	PHOTOMETRY C	258 03 35 21	-90	-20.3	SURVEY W-E
258 03 17 16	-60	-60.1	PHOTOMETRY C	258 03 36 08	-90	-5.6	SURVEY W-E
258 03 24 04	-54	-65.1	SURVEY W-E	258 03 36 14	-108	-5.6	SURVEY W-E
258 03 24 59	-72	-65.1	SURVEY W-E	258 03 36 17	-108	-20.3	SURVEY W-E
258 03 25 05	-72	-50.2	SURVEY W-E	258 03 36 22	-108	-35.3	SURVEY W-E
258 03 25 10	-72	-35.3	SURVEY W-E	258 03 36 27	-108	-50.2	SURVEY W-E
258 03 25 15	-72	-20.3	SURVEY W-E	258 03 36 33	-126	-50.2	SURVEY W-E
258 03 25 18	-72	-5.6	SURVEY W-E	258 03 36 36	-126	-35.3	SURVEY W-E
258 03 25 23	-72	9.3	SURVEY W-E	258 03 36 41	-126	-20.3	SURVEY W-E
258 03 25 29	-54	9.3	SURVEY W-E	258 03 36 46	-126	-5.6	SURVEY W-E

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
258 03 36 51	-144	-5.6	SURVEY W-E	258 04 06 00	-69	-65.1	SPECIAL D
258 03 36 56	-144	-20.3	SURVEY W-E	258 04 06 05	-75	-65.1	SPECIAL D
258 03 37 00	-144	-35.3	SURVEY W-E	258 04 06 10	-78	-65.1	SPECIAL D
258 03 37 05	-144	-50.2	SURVEY W-E	258 04 06 14	-78	-60.1	SPECIAL D
258 03 37 10	-162	-50.2	SURVEY W-E	258 04 06 18	-72	-60.1	SPECIAL D
258 03 37 15	-162	-35.3	SURVEY W-E	258 04 06 23	-69	-60.1	SPECIAL D
258 03 37 54	-162	-20.3	SURVEY W-E	258 04 06 28	-66	-60.1	SPECIAL D
258 03 37 59	-162	-5.6	SURVEY W-E	258 04 06 32	-60	-60.1	SPECIAL D
258 03 38 04	-180	-5.6	SURVEY W-E	258 04 06 37	-54	-60.1	SPECIAL D
258 03 38 09	-180	-20.3	SURVEY W-E	258 04 06 42	-48	-60.1	SPECIAL D
258 03 38 13	-180	-35.3	SURVEY W-E	258 04 06 47	-42	-60.1	SPECIAL D
258 03 39 00	-180	-50.2	SURVEY W-E	258 04 06 51	-45	-55.2	SPECIAL D
258 03 39 07	-198	-50.2	SURVEY W-E	258 04 06 55	-51	-55.2	SPECIAL D
258 03 39 12	-198	-35.3	SURVEY W-E	258 04 07 00	-54	-55.2	SPECIAL D
258 03 39 17	-198	-20.3	SURVEY W-E	258 04 07 05	-57	-55.2	SPECIAL D
258 03 39 22	-198	-5.6	SURVEY W-E	258 04 07 09	-60	-55.2	SPECIAL D
258 03 39 25	-198	9.3	SURVEY W-E	258 04 07 13	-63	-55.2	SPECIAL D
258 03 39 31	-216	9.3	SURVEY W-E	258 04 07 18	-66	-55.2	SPECIAL D
258 03 39 36	-216	-5.6	SURVEY W-E	258 04 07 23	-69	-55.2	SPECIAL D
258 03 39 40	-216	-20.3	SURVEY W-E	258 04 07 27	-72	-55.2	SPECIAL D
258 03 39 45	-216	-35.3	SURVEY W-E	258 04 07 31	-75	-55.2	SPECIAL D
258 03 39 49	-216	-50.2	SURVEY W-E	258 04 07 36	-72	-50.2	SPECIAL D
258 03 39 55	-216	-65.1	SURVEY W-E	258 04 07 41	-66	-50.2	SPECIAL D
258 03 40 01	-198	-65.1	SURVEY W-E	258 04 07 45	-60	-50.2	SPECIAL D
258 03 40 06	-180	-65.1	SURVEY W-E	258 04 07 49	-54	-50.2	SPECIAL D
258 03 40 12	-162	-65.1	SURVEY W-E	258 04 07 54	-48	-50.2	SPECIAL D
258 03 40 17	-144	-65.1	SURVEY W-E	258 04 11 52	81	-45.3	SPECIAL D
258 03 40 23	-126	-65.1	SURVEY W-E	258 04 13 22	81	-45.3	SPECIAL D
258 03 40 28	-108	-65.1	SURVEY W-E	258 04 13 58	84	-45.3	SPECIAL D
258 03 40 34	-90	-65.1	SURVEY W-E	258 04 14 03	87	-45.3	SPECIAL D
258 03 40 42	-54	-65.1	SURVEY W-E	258 04 14 07	90	-45.3	SPECIAL D
258 03 42 12	-57	-60.1	MAGNETS D	258 04 14 11	93	-45.3	SPECIAL D
258 03 44 48	-57	-60.1	MAGNETS D	258 04 14 16	93	-45.3	SPECIAL D
258 03 44 58	-57	-60.1	MAGNETS D	258 04 14 21	99	-45.3	SPECIAL D
258 03 45 09	-57	-60.1	MAGNETS D	258 04 14 25	99	-50.2	SPECIAL D
258 03 45 38	-57	-60.1	MAGNETS D	258 04 14 30	93	-50.2	SPECIAL D
258 03 45 48	-57	-60.1	MAGNETS D	258 04 14 34	93	-50.2	SPECIAL D
258 03 45 59	-57	-60.1	MAGNETS D	258 04 14 38	90	-50.2	SPECIAL D
258 03 46 17	-57	-60.1	MAGNETS D	258 04 14 43	87	-50.2	SPECIAL D
258 03 46 28	-57	-60.1	MAGNETS D	258 04 14 48	84	-50.2	SPECIAL D
258 03 46 39	-57	-60.1	MAGNETS D	258 04 14 52	81	-50.2	SPECIAL D
258 03 47 11	-57	-60.1	MAGNETS D	258 04 14 56	78	-50.2	SPECIAL D
258 03 47 22	-57	-60.1	MAGNETS D	258 04 15 01	75	-50.2	SPECIAL D
258 03 47 34	-57	-60.1	MAGNETS D	258 04 15 08	90	-55.2	SPECIAL D
258 03 48 09	-57	-60.1	MAGNETS D	258 04 15 13	93	-55.2	SPECIAL D
258 03 48 26	-57	-60.1	MAGNETS D	258 04 15 18	96	-55.2	SPECIAL D
258 03 48 45	-57	-60.1	MAGNETS D	258 04 15 22	120	24.3	SPECIAL D
258 03 48 56	-57	-60.1	MAGNETS D	258 04 16 02	123	-25.3	SPECIAL D
258 03 49 07	-57	-60.1	MAGNETS D	258 04 17 06	126	-25.3	SPECIAL D
258 03 49 35	-57	-60.1	MAGNETS D	258 04 17 12	129	-20.3	SPECIAL D
258 03 49 46	-57	-60.1	MAGNETS D	258 04 17 52	126	-20.3	SPECIAL D
258 03 49 58	-57	-60.1	MAGNETS D	258 04 18 14	123	-20.3	SPECIAL D
258 03 50 14	-57	-60.1	MAGNETS D	258 04 18 20	126	-15.3	SPECIAL D
258 03 50 24	-57	-60.1	MAGNETS D	258 04 18 23	126	-15.3	SPECIAL D
258 03 50 35	-57	-60.1	MAGNETS D	258 04 19 01	87	-15.3	SPECIAL D
258 03 51 09	-57	-60.1	MAGNETS D	258 04 19 33	87	-15.3	SPECIAL D
258 03 51 19	-57	-60.1	MAGNETS D	258 04 20 30	81	-15.3	SPECIAL D
258 03 51 30	-57	-60.1	MAGNETS D	258 04 20 35	75	-15.3	SPECIAL D
258 03 52 07	-57	-60.1	MAGNETS D	258 04 20 40	69	-15.3	SPECIAL D
258 03 52 22	-57	-60.1	MAGNETS D	258 04 20 45	72	-20.3	SPECIAL D
258 03 53 11	-57	-60.1	MAGNETS D	258 04 20 50	75	-20.3	SPECIAL D
258 03 58 34	-54	-65.1	SPECIAL D	258 04 20 53	78	-20.3	SPECIAL D
258 03 59 21	-66	-65.1	SPECIAL D	258 04 20 58	81	-20.3	SPECIAL D
258 03 59 25	-66	-55.2	SPECIAL D	258 04 21 03	84	-20.3	SPECIAL D
258 03 59 30	-66	-65.1	SPECIAL D	258 04 21 07	81	-25.3	SPECIAL D
258 04 00 14	-75	-70.1	SPECIAL D	258 04 21 12	78	-25.3	SPECIAL D
258 04 00 48	-72	-70.1	SPECIAL D	258 04 21 16	75	-25.3	SPECIAL D
258 04 01 06	-72	-65.1	SPECIAL D	258 04 21 21	72	-25.3	SPECIAL D
258 04 01 22	-78	-65.1	SPECIAL D	258 04 21 25	69	-25.3	SPECIAL D
258 04 01 39	-78	-70.1	SPECIAL D	258 04 22 25	84	-30.3	SPECIAL D
258 04 02 17	-78	-60.1	SPECIAL D	258 04 22 44	78	-30.3	SPECIAL D
258 04 02 39	-84	-60.1	SPECIAL D	258 04 23 04	72	-30.3	SPECIAL D
258 04 02 54	-90	-60.1	SPECIAL D	258 04 23 25	66	-30.3	SPECIAL D
258 04 03 09	-96	-60.1	SPECIAL D	258 04 23 57	69	-25.3	SPECIAL D
258 04 03 33	-93	-65.1	SPECIAL D	258 04 25 21	75	-25.3	SPECIAL D
258 04 03 48	-87	-65.1	SPECIAL D	258 04 26 02	81	-25.3	SPECIAL D
258 04 04 04	-81	-65.1	SPECIAL D	258 04 26 43	78	-20.3	SPECIAL D
258 04 04 24	-78	-65.1	SPECIAL D	258 04 28 01	51	-5.6	SPECIAL D
258 04 05 10	-72	-70.1	SPECIAL D	258 04 29 59	-216	-15.3	SPECIAL D
258 04 05 15	-66	-70.1	SPECIAL D	258 04 30 53	-216	-15.3	SPECIAL D
258 04 05 19	-60	-70.1	SPECIAL D	258 04 31 24	-219	-15.3	SPECIAL D
258 04 05 24	-54	-70.1	SPECIAL D	258 04 31 29	-219	-20.3	SPECIAL D
258 04 05 28	-48	-70.1	SPECIAL D	258 04 31 34	-216	-20.3	SPECIAL D
258 04 05 32	-42	-70.1	SPECIAL D	258 04 31 40	-216	-25.3	SPECIAL D
258 04 05 38	-39	-65.1	SPECIAL D	258 04 31 44	-219	-25.3	SPECIAL D
258 04 05 42	-45	-65.1	SPECIAL D	258 04 32 23	-210	-45.3	SPECIAL D
258 04 05 47	-51	-65.1	SPECIAL D	258 04 33 01	-213	-45.3	SPECIAL D
258 04 05 52	-57	-65.1	SPECIAL D	258 04 33 06	-216	-45.3	SPECIAL D
258 04 05 56	-63	-65.1	SPECIAL D	258 04 33 11	-216	-50.2	SPECIAL D

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
258 04 33 15	-213	-50.2	SPECIAL D	258 05 28 17	-90	-45.3	FOCUS RANGING C
258 04 33 19	-210	-50.2	SPECIAL D	258 05 28 22	-90	-45.3	FOCUS RANGING C
258 04 33 24	-207	-50.2	SPECIAL D	258 05 28 26	-90	-45.3	FOCUS RANGING C
258 04 33 29	-204	-50.2	SPECIAL D	258 05 28 30	-90	-45.3	FOCUS RANGING C
258 04 33 33	-201	-50.2	SPECIAL D	258 05 28 35	-90	-45.3	FOCUS RANGING C
258 04 33 37	-201	-55.2	SPECIAL D	258 05 28 40	-90	-45.3	FOCUS RANGING C
258 04 33 42	-204	-55.2	SPECIAL D	258 05 28 44	-90	-45.3	FOCUS RANGING C
258 04 33 46	-207	-55.2	SPECIAL D	258 05 28 53	-90	-40.3	FOCUS RANGING C
258 04 33 51	-210	-55.2	SPECIAL D	258 05 29 13	-90	-40.3	FOCUS RANGING C
258 04 33 55	-213	-55.2	SPECIAL D	258 05 29 18	-90	-40.3	FOCUS RANGING C
258 04 34 00	-216	-55.2	SPECIAL D	258 05 29 23	-90	-40.3	FOCUS RANGING C
258 04 34 50	-174	-50.2	SPECIAL D	258 05 29 28	-90	-40.3	FOCUS RANGING C
258 04 36 34	-168	-50.2	SPECIAL D	258 05 29 31	-90	-40.3	FOCUS RANGING C
258 04 36 40	-174	-45.3	SPECIAL D	258 05 29 36	-90	-40.3	FOCUS RANGING C
258 04 37 34	-174	-45.3	SPECIAL D	258 05 29 41	-90	-40.3	FOCUS RANGING C
258 04 38 04	-168	-45.3	SPECIAL D	258 05 29 46	-90	-40.3	FOCUS RANGING C
258 04 38 24	-162	-45.3	SPECIAL D	258 05 29 55	-90	-35.3	FOCUS RANGING C
258 04 38 47	-156	-45.3	SPECIAL D	258 05 30 03	-90	-35.3	FOCUS RANGING C
258 04 39 04	-150	-45.3	SPECIAL D	258 05 30 08	-90	-35.3	FOCUS RANGING C
258 04 39 22	-153	-40.3	SPECIAL D	258 05 30 13	-90	-35.3	FOCUS RANGING C
258 04 39 44	-159	-40.3	SPECIAL D	258 05 30 17	-90	-35.3	FOCUS RANGING C
258 04 39 49	-165	-40.3	SPECIAL D	258 05 30 21	-90	-35.3	FOCUS RANGING C
258 04 39 54	-168	-40.3	SPECIAL D	258 05 30 26	-90	-35.3	FOCUS RANGING C
258 04 39 59	-177	-40.3	SPECIAL D	258 05 30 31	-90	-35.3	FOCUS RANGING C
258 04 40 05	-180	-35.3	SPECIAL D	258 05 30 35	-90	-35.3	FOCUS RANGING C
258 04 40 08	-174	-35.3	SPECIAL D	258 05 30 43	-90	-30.3	FOCUS RANGING C
258 04 40 13	-168	-35.3	SPECIAL D	258 05 31 49	-90	-30.3	FOCUS RANGING C
258 05 02 17	-165	-35.3	SPECIAL D	258 05 32 40	-90	-30.3	FOCUS RANGING C
258 05 03 39	-168	-35.3	SPECIAL D	258 05 32 44	-90	-30.3	FOCUS RANGING C
258 05 03 50	-168	-35.3	SPECIAL D	258 05 32 49	-90	-30.3	FOCUS RANGING C
258 05 05 45	-168	-35.3	SPECIAL D	258 05 32 54	-90	-30.3	FOCUS RANGING C
258 05 05 56	-168	-35.3	SPECIAL D	258 05 32 58	-90	-30.3	FOCUS RANGING C
258 05 06 36	-165	-35.3	SPECIAL D	258 05 33 02	-90	-30.3	FOCUS RANGING C
258 05 06 46	-165	-35.3	SPECIAL D	258 05 33 07	-90	-30.3	FOCUS RANGING C
258 05 07 52	-165	-35.3	SPECIAL D	258 05 33 11	-90	-30.3	FOCUS RANGING C
258 05 08 03	-168	-35.3	SPECIAL D	258 05 33 21	-90	-25.3	FOCUS RANGING C
258 05 08 47	-165	-35.3	SPECIAL D	258 05 35 02	-90	-30.3	FOCUS RANGING C
258 05 08 58	-165	-35.3	SPECIAL D	258 05 36 28	-90	-30.3	FOCUS RANGING C
258 05 09 57	-165	-35.3	SPECIAL D	258 05 37 00	-90	-30.3	FOCUS RANGING C
258 05 10 07	-165	-35.3	SPECIAL D	258 05 37 05	-90	-30.3	FOCUS RANGING C
258 05 15 32	-90	-65.1	FOCUS RANGING C	258 05 37 10	-90	-30.3	FOCUS RANGING C
258 05 17 20	-90	-65.1	FOCUS RANGING C	258 05 37 13	-90	-30.3	FOCUS RANGING C
258 05 18 57	-90	-65.1	FOCUS RANGING C	258 05 37 18	-90	-30.3	FOCUS RANGING C
258 05 19 02	-90	-65.1	FOCUS RANGING C	258 05 37 23	-90	-30.3	FOCUS RANGING C
258 05 19 07	-90	-65.1	FOCUS RANGING C	258 05 37 28	-90	-30.3	FOCUS RANGING C
258 05 19 11	-90	-65.1	FOCUS RANGING C	258 05 37 31	-90	-30.3	FOCUS RANGING C
258 05 19 15	-69	-65.1	FOCUS RANGING C	258 05 37 41	-90	-25.3	FOCUS RANGING C
258 05 19 20	-90	-65.1	FOCUS RANGING C	258 05 38 11	-90	-25.3	FOCUS RANGING C
258 05 19 25	-90	-65.1	FOCUS RANGING C	258 05 38 15	-90	-25.3	FOCUS RANGING C
258 05 19 29	-90	-65.1	FOCUS RANGING C	258 05 38 19	-90	-25.3	FOCUS RANGING C
258 05 19 38	-90	-60.1	FOCUS RANGING C	258 05 38 24	-90	-25.3	FOCUS RANGING C
258 05 20 50	-90	-60.1	FOCUS RANGING C	258 05 38 29	-90	-25.3	FOCUS RANGING C
258 05 20 55	-90	-60.1	FOCUS RANGING C	258 05 38 33	-90	-25.3	FOCUS RANGING C
258 05 21 00	-90	-60.1	FOCUS RANGING C	258 05 38 37	-90	-25.3	FOCUS RANGING C
258 05 21 04	-90	-60.1	FOCUS RANGING C	258 05 38 42	-90	-25.3	FOCUS RANGING C
258 05 21 08	-90	-60.1	FOCUS RANGING C	258 05 38 51	-90	-20.3	FOCUS RANGING C
258 05 21 13	-90	-60.1	FOCUS RANGING C	258 05 39 10	-90	-20.3	FOCUS RANGING C
258 05 21 18	-90	-60.1	FOCUS RANGING C	258 05 39 14	-90	-20.3	FOCUS RANGING C
258 05 21 22	-90	-60.1	FOCUS RANGING C	258 05 39 19	-90	-20.3	FOCUS RANGING C
258 05 21 31	-90	-55.2	FOCUS RANGING C	258 05 39 24	-90	-20.3	FOCUS RANGING C
258 05 23 57	-90	-60.1	FOCUS RANGING C	258 05 39 28	-90	-20.3	FOCUS RANGING C
258 05 24 40	-90	-60.1	FOCUS RANGING C	258 05 39 32	-90	-20.3	FOCUS RANGING C
258 05 24 44	-90	-60.1	FOCUS RANGING C	258 05 39 40	-90	-15.3	FOCUS RANGING C
258 05 24 49	-90	-60.1	FOCUS RANGING C	258 05 43 42	-90	-20.3	FOCUS RANGING C
258 05 24 53	-90	-60.1	FOCUS RANGING C	258 05 45 13	-90	-20.3	FOCUS RANGING C
258 05 24 58	-90	-60.1	FOCUS RANGING C	258 05 45 37	-90	-20.3	FOCUS RANGING C
258 05 25 02	-90	-60.1	FOCUS RANGING C	258 05 45 59	-90	-20.3	FOCUS RANGING C
258 05 25 06	-90	-60.1	FOCUS RANGING C	258 05 46 13	-90	-20.3	FOCUS RANGING C
258 05 25 11	-90	-60.1	FOCUS RANGING C	258 05 46 23	-90	-20.3	FOCUS RANGING C
258 05 25 20	-90	-55.2	FOCUS RANGING C	258 05 46 35	-90	-20.3	FOCUS RANGING C
258 05 25 42	-90	-55.2	FOCUS RANGING C	258 05 46 46	-90	-20.3	FOCUS RANGING C
258 05 25 47	-90	-55.2	FOCUS RANGING C	258 05 46 57	-90	-20.3	FOCUS RANGING C
258 05 25 52	-90	-55.2	FOCUS RANGING C	258 05 47 09	-90	-20.3	FOCUS RANGING C
258 05 25 56	-90	-55.2	FOCUS RANGING C	258 05 47 18	-90	-20.3	FOCUS RANGING C
258 05 26 00	-90	-55.2	FOCUS RANGING C	258 05 47 29	-90	-20.3	FOCUS RANGING C
258 05 26 05	-90	-55.2	FOCUS RANGING C	258 05 47 39	-90	-20.3	FOCUS RANGING C
258 05 26 10	-90	-55.2	FOCUS RANGING C	258 05 47 48	-90	-20.3	FOCUS RANGING C
258 05 26 14	-90	-55.2	FOCUS RANGING C	258 05 48 22	-90	-20.3	FOCUS RANGING C
258 05 26 23	-90	-50.2	FOCUS RANGING C	258 05 50 19	-90	-15.3	FOCUS RANGING C
258 05 27 10	-90	-50.2	FOCUS RANGING C	258 05 50 49	-90	-15.3	FOCUS RANGING C
258 05 27 15	-90	-50.2	FOCUS RANGING C	258 05 50 54	-90	-15.3	FOCUS RANGING C
258 05 27 18	-90	-50.2	FOCUS RANGING C	258 05 50 58	-90	-15.3	FOCUS RANGING C
258 05 27 23	-90	29.2	FOCUS RANGING C	258 05 59 10	-72	29.2	FOCUS RANGING C
258 05 27 28	-90	-50.2	FOCUS RANGING C	258 06 01 07	-72	-60.1	FOCUS RANGING C
258 05 27 33	-90	-50.2	FOCUS RANGING C	258 06 01 47	-72	-60.1	FOCUS RANGING C
258 05 27 36	-90	-50.2	FOCUS RANGING C	258 06 01 50	-72	-60.1	FOCUS RANGING C
258 05 27 41	-90	-50.2	FOCUS RANGING C	258 06 01 55	-72	-60.1	FOCUS RANGING C
258 05 27 51	-90	-45.3	FOCUS RANGING C	258 06 02 00	-72	-60.1	FOCUS RANGING C
258 05 28 12	-90	-45.3	FOCUS RANGING C	258 06 02 05	-72	-60.1	FOCUS RANGING C

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
258 06 35 00	-54	-25.3	FOCUS RANGING C	258 07 47 48	-189	14.4	STARS C
258 06 35 05	-54	-25.3	FOCUS RANGING C	258 07 48 34	-189	9.3	STARS C
258 06 35 08	-54	-25.3	FOCUS RANGING C	258 07 48 44	-189	9.3	STARS C
258 06 35 13	-54	-25.3	FOCUS RANGING C	258 07 52 09	-189	9.3	STARS C
258 06 35 21	-54	-20.3	FOCUS RANGING C	258 07 52 20	-189	9.3	STARS C
258 06 42 31	-54	-20.3	FOCUS RANGING C	258 07 53 02	-189	9.3	STARS C
258 06 43 01	-54	-20.3	FOCUS RANGING C	258 07 53 13	-189	9.3	STARS C
258 06 43 05	-54	-20.3	FOCUS RANGING C	258 07 54 08	-189	9.3	STARS C
258 06 43 09	-54	-20.3	FOCUS RANGING C	258 07 58 51	-198	-40.3	MIRROR E
258 06 43 14	-54	-20.3	FOCUS RANGING C	258 08 04 09	-198	-40.3	MIRROR E
258 06 43 19	-54	-20.3	FOCUS RANGING C	258 08 05 21	-195	-40.3	MIRROR E
258 06 43 20	-54	-20.3	FOCUS RANGING C	258 08 06 46	-201	-40.3	MIRROR E
258 06 43 27	-54	-20.3	FOCUS RANGING C	258 08 06 51	-207	-40.3	MIRROR E
258 06 43 32	-54	-20.3	FOCUS RANGING C	258 08 06 56	-213	-40.3	MIRROR E
258 06 43 41	-54	-15.3	FOCUS RANGING C	258 08 07 57	-213	-40.3	MIRROR E
258 06 44 21	-54	-15.3	FOCUS RANGING C	258 08 08 02	-213	-35.3	MIRROR E
258 06 45 06	-54	-15.3	FOCUS RANGING C	258 08 08 05	-210	-35.3	MIRROR E
258 06 45 10	-54	-15.3	FOCUS RANGING C	258 08 08 10	-207	-35.3	MIRROR E
258 06 45 15	-54	-15.3	FOCUS RANGING C	258 08 08 15	-204	-35.3	MIRROR E
258 06 45 19	-54	-15.3	FOCUS RANGING C	258 08 08 19	-201	-35.3	MIRROR E
258 06 45 23	-54	-15.3	FOCUS RANGING C	258 08 08 20	-201	-35.3	MIRROR E
258 06 45 28	-54	-15.3	FOCUS RANGING C	258 08 10 07	-201	-35.3	MIRROR E
258 06 45 33	-54	-15.3	FOCUS RANGING C	258 08 11 17	-201	-35.3	MIRROR E
258 06 45 37	-54	-15.3	FOCUS RANGING C	258 08 11 52	-201	-35.3	MIRROR E
258 06 45 45	-54	-10.5	FOCUS RANGING C	258 08 12 19	-201	-35.3	MIRROR E
258 06 45 55	-54	-10.5	FOCUS RANGING C	258 08 12 51	-201	-35.3	MIRROR E
258 06 45 58	-54	-10.5	FOCUS RANGING C	258 08 13 19	-201	-35.3	MIRROR E
258 06 46 03	-54	-10.5	FOCUS RANGING C	258 08 13 43	-201	-35.3	MIRROR E
258 06 46 08	-54	-10.5	FOCUS RANGING C	258 08 14 11	-201	-35.3	MIRROR E
258 06 46 13	-54	-10.5	FOCUS RANGING C	258 08 14 39	-201	-35.3	MIRROR E
258 06 46 16	-54	-10.5	FOCUS RANGING C	258 08 15 08	-201	-35.3	MIRROR E
258 06 46 21	-54	-10.5	FOCUS RANGING C	258 08 15 28	-201	-35.3	MIRROR E
258 06 46 26	-54	-10.5	FOCUS RANGING C	258 08 17 33	-201	-35.3	MIRROR E
258 06 46 34	-54	-5.6	FOCUS RANGING C	258 08 18 28	-198	-40.3	MIRROR E
258 06 47 23	-54	-5.6	FOCUS RANGING C	258 08 18 35	-201	-40.3	MIRROR E
258 06 48 04	-54	-5.6	FOCUS RANGING C	258 08 18 42	-204	-40.3	MIRROR E
258 06 48 09	-54	-5.6	FOCUS RANGING C	258 08 18 48	-207	-40.3	MIRROR E
258 06 48 12	-54	-5.6	FOCUS RANGING C	258 08 18 56	-210	-40.3	MIRROR E
258 06 48 17	-54	-5.6	FOCUS RANGING C	258 08 19 02	-210	-45.3	MIRROR E
258 06 48 22	-54	-5.6	FOCUS RANGING C	258 08 19 06	-207	-45.3	MIRROR E
258 06 48 27	-54	-5.6	FOCUS RANGING C	258 08 19 10	-204	-45.3	MIRROR E
258 06 48 30	-54	-5.6	FOCUS RANGING C	258 08 19 15	-201	-45.3	MIRROR E
258 06 48 35	-54	-5.6	FOCUS RANGING C	258 08 19 20	-198	-45.3	MIRROR E
258 06 48 43	-54	-0.7	FOCUS RANGING C	258 08 19 24	-195	-45.3	MIRROR E
258 06 48 54	-54	-0.7	FOCUS RANGING C	258 08 24 47	-138	-65.1	SURVEY D SECTORS 5,6
258 06 48 59	-54	-0.7	FOCUS RANGING C	258 08 26 57	-141	-65.1	SURVEY D SECTORS 5,6
258 06 49 04	-54	-0.7	FOCUS RANGING C	258 08 28 41	-141	-65.1	SURVEY D SECTORS 5,6
258 06 49 07	-54	-0.7	FOCUS RANGING C	258 08 29 31	-135	-65.1	SURVEY D SECTORS 5,6
258 06 49 12	-54	-0.7	FOCUS RANGING C	258 08 29 34	-129	-65.1	SURVEY D SECTORS 5,6
258 06 49 17	-54	-0.7	FOCUS RANGING C	258 08 29 39	-123	-65.1	SURVEY D SECTORS 5,6
258 06 49 24	-54	-0.7	FOCUS RANGING C	258 08 29 44	-117	-65.1	SURVEY D SECTORS 5,6
258 06 51 00	-54	-0.7	FOCUS RANGING C	258 08 29 48	-111	-65.1	SURVEY D SECTORS 5,6
258 06 51 40	-54	-0.7	FOCUS RANGING C	258 08 29 52	-108	-60.1	SURVEY D SECTORS 5,6
258 06 51 51	-54	-0.7	FOCUS RANGING C	258 08 29 57	-114	-60.1	SURVEY D SECTORS 5,6
258 06 52 00	-54	-0.7	FOCUS RANGING C	258 08 30 02	-120	-60.1	SURVEY D SECTORS 5,6
258 06 52 09	-54	-0.7	FOCUS RANGING C	258 08 30 06	-126	-60.1	SURVEY D SECTORS 5,6
258 06 52 18	-54	-0.7	FOCUS RANGING C	258 08 30 10	-132	-60.1	SURVEY D SECTORS 5,6
258 06 52 26	-54	-0.7	FOCUS RANGING C	258 08 30 15	-138	-60.1	SURVEY D SECTORS 5,6
258 06 52 33	-54	-0.7	FOCUS RANGING C	258 08 30 20	-141	-55.2	SURVEY D SECTORS 5,6
258 06 52 41	-54	-0.7	FOCUS RANGING C	258 08 30 24	-135	-55.2	SURVEY D SECTORS 5,6
258 06 55 04	-54	4.3	FOCUS RANGING C	258 08 30 28	-129	-55.2	SURVEY D SECTORS 5,6
258 06 55 45	-54	4.3	FOCUS RANGING C	258 08 30 33	-123	-55.2	SURVEY D SECTORS 5,6
258 06 55 53	-54	4.3	FOCUS RANGING C	258 08 30 38	-117	-55.2	SURVEY D SECTORS 5,6
258 06 56 01	-54	4.3	FOCUS RANGING C	258 08 30 42	-111	-55.2	SURVEY D SECTORS 5,6
258 06 56 10	-54	4.3	FOCUS RANGING C	258 08 30 46	-108	-50.2	SURVEY D SECTORS 5,6
258 06 56 18	-54	4.3	FOCUS RANGING C	258 08 30 51	-114	-50.2	SURVEY D SECTORS 5,6
258 06 56 26	-54	4.3	FOCUS RANGING C	258 08 30 56	-120	-50.2	SURVEY D SECTORS 5,6
258 06 56 35	-54	4.3	FOCUS RANGING C	258 08 31 00	-126	-50.2	SURVEY D SECTORS 5,6
258 06 56 42	-54	4.3	FOCUS RANGING C	258 08 31 04	-132	-50.2	SURVEY D SECTORS 5,6
258 07 25 19	-54	4.3	FOCUS RANGING C	258 08 31 09	-138	-50.2	SURVEY D SECTORS 5,6
258 07 27 02	-189	9.3	STARS C	258 08 32 00	-141	-45.3	SURVEY D SECTORS 5,6
258 07 28 25	-189	9.3	STARS C	258 08 32 05	-135	-45.3	SURVEY D SECTORS 5,6
258 07 30 57	-186	9.3	STARS C	258 08 32 10	-129	-45.3	SURVEY D SECTORS 5,6
258 07 33 17	-186	9.3	STARS C	258 08 32 13	-123	-45.3	SURVEY D SECTORS 5,6
258 07 33 28	-186	9.3	STARS C	258 08 32 18	-117	-45.3	SURVEY D SECTORS 5,6
258 07 35 03	-186	9.3	STARS C	258 08 32 23	-111	-45.3	SURVEY D SECTORS 5,6
258 07 35 14	-186	9.3	STARS C	258 08 32 28	-108	-40.3	SURVEY D SECTORS 5,6
258 07 36 09	-186	9.3	STARS C	258 08 32 32	-114	-40.3	SURVEY D SECTORS 5,6
258 07 36 18	-186	9.3	STARS C	258 08 32 36	-120	-40.3	SURVEY D SECTORS 5,6
258 07 38 05	-189	9.3	STARS C	258 08 32 41	-126	-40.3	SURVEY D SECTORS 5,6
258 07 38 16	-189	9.3	STARS C	258 08 32 46	-132	-40.3	SURVEY D SECTORS 5,6
258 07 39 36	-189	9.3	STARS C	258 08 32 50	-138	-40.3	SURVEY D SECTORS 5,6
258 07 39 47	-189	9.3	STARS C	258 08 32 55	-141	-35.3	SURVEY D SECTORS 5,6
258 07 43 10	-189	9.3	STARS C	258 08 32 59	-135	-35.3	SURVEY D SECTORS 5,6
258 07 43 20	-189	9.3	STARS C	258 08 33 04	-129	-35.3	SURVEY D SECTORS 5,6
258 07 44 04	-192	9.3	STARS C	258 08 33 08	-123	-35.3	SURVEY D SECTORS 5,6
258 07 45 51	-189	9.3	STARS C	258 08 33 13	-117	-35.3	SURVEY D SECTORS 5,6
258 07 46 51	-189	14.4	STARS C	258 08 33 18	-111	-35.3	SURVEY D SECTORS 5,6
258 07 47 37	-189	14.4	STARS C	258 08 33 22	-108	-30.3	SURVEY D SECTORS 5,6

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
258 08 33 26	-114	-30.3	SURVEY D SECTORS 5,6	258 08 44 03	-75	-25.3	SURVEY D SECTORS 7,8
258 08 33 31	-120	-30.3	SURVEY D SECTORS 5,6	258 08 44 08	-72	-20.3	SURVEY D SECTORS 7,8
258 08 33 36	-126	-30.3	SURVEY D SECTORS 5,6	258 08 44 13	-78	-20.3	SURVEY D SECTORS 7,8
258 08 33 40	-132	-30.3	SURVEY D SECTORS 5,6	258 08 44 16	-84	-20.3	SURVEY D SECTORS 7,8
258 08 33 44	-138	-30.3	SURVEY D SECTORS 5,6	258 08 44 21	-90	-20.3	SURVEY D SECTORS 7,8
258 08 34 42	-141	-25.3	SURVEY D SECTORS 5,6	258 08 44 26	-96	-20.3	SURVEY D SECTORS 7,8
258 08 34 47	-135	-25.3	SURVEY D SECTORS 5,6	258 08 44 31	-102	-20.3	SURVEY D SECTORS 7,8
258 08 34 51	-129	-25.3	SURVEY D SECTORS 5,6	258 08 44 34	-105	-15.3	SURVEY D SECTORS 7,8
258 08 34 56	-123	-25.3	SURVEY D SECTORS 5,6	258 08 45 57	-99	-15.3	SURVEY D SECTORS 7,8
258 08 35 01	-117	-25.3	SURVEY D SECTORS 5,6	258 08 46 02	-93	-15.3	SURVEY D SECTORS 7,8
258 08 35 05	-111	-25.3	SURVEY D SECTORS 5,6	258 08 46 05	-87	-15.3	SURVEY D SECTORS 7,8
258 08 35 11	-108	-20.3	SURVEY D SECTORS 5,6	258 08 46 10	-81	-15.3	SURVEY D SECTORS 7,8
258 08 35 50	-114	-20.3	SURVEY D SECTORS 5,6	258 08 46 15	-75	-15.3	SURVEY D SECTORS 7,8
258 08 35 55	-120	-20.3	SURVEY D SECTORS 5,6	258 08 46 20	-72	-10.5	SURVEY D SECTORS 7,8
258 08 35 58	-126	-20.3	SURVEY D SECTORS 5,6	258 08 46 23	-78	-10.5	SURVEY D SECTORS 7,8
258 08 36 03	-132	-20.3	SURVEY D SECTORS 5,6	258 08 46 28	-84	-10.5	SURVEY D SECTORS 7,8
258 08 36 08	-138	-20.3	SURVEY D SECTORS 5,6	258 08 46 33	-90	-10.5	SURVEY D SECTORS 7,8
258 08 36 13	-141	-15.3	SURVEY D SECTORS 5,6	258 08 46 38	-96	-10.5	SURVEY D SECTORS 7,8
258 08 36 16	-135	-15.3	SURVEY D SECTORS 5,6	258 08 46 41	-102	-10.5	SURVEY D SECTORS 7,8
258 08 36 21	-129	-15.3	SURVEY D SECTORS 5,6	258 08 46 46	-105	-5.6	SURVEY D SECTORS 7,8
258 08 36 26	-123	-15.3	SURVEY D SECTORS 5,6	258 08 46 51	-99	-5.6	SURVEY D SECTORS 7,8
258 08 36 31	-117	-15.3	SURVEY D SECTORS 5,6	258 08 46 56	-93	-5.6	SURVEY D SECTORS 7,8
258 08 36 34	-111	-15.3	SURVEY D SECTORS 5,6	258 08 47 00	-87	-5.6	SURVEY D SECTORS 7,8
258 08 36 39	-108	-10.5	SURVEY D SECTORS 5,6	258 08 47 04	-81	-5.6	SURVEY D SECTORS 7,8
258 08 36 44	-114	-10.5	SURVEY D SECTORS 5,6	258 08 47 09	-75	-5.6	SURVEY D SECTORS 7,8
258 08 36 49	-120	-10.5	SURVEY D SECTORS 5,6	258 08 47 37	-69	-65.1	SURVEY D SECTORS 7,8
258 08 36 52	-126	-10.5	SURVEY D SECTORS 5,6	258 09 32 53	39	-50.2	ALPHA SCAT.
258 08 36 57	-132	-10.5	SURVEY D SECTORS 5,6	258 09 35 00	63	-65.1	SURVEY D SECTOR 16
258 08 37 02	-138	-10.5	SURVEY D SECTORS 5,6	258 09 35 53	69	-65.1	SURVEY D SECTOR 16
258 08 37 07	-141	-5.6	SURVEY D SECTORS 5,6	258 09 35 57	75	-65.1	SURVEY D SECTORS 17,18
258 08 37 11	-135	-5.6	SURVEY D SECTORS 5,6	258 09 36 02	81	-65.1	SURVEY D SECTORS 17,18
258 08 37 15	-129	-5.6	SURVEY D SECTORS 5,6	258 09 36 07	87	-65.1	SURVEY D SECTORS 17,18
258 08 37 20	-123	-5.6	SURVEY D SECTORS 5,6	258 09 36 10	93	-65.1	SURVEY D SECTORS 17,18
258 08 37 25	-117	-5.6	SURVEY D SECTORS 5,6	258 09 36 15	96	-60.1	SURVEY D SECTORS 17,18
258 08 37 29	-111	-5.6	SURVEY D SECTORS 5,6	258 09 36 20	90	-60.1	SURVEY D SECTORS 17,18
258 08 37 57	-105	-65.1	SURVEY D SECTORS 7,8	258 09 36 25	84	-60.1	SURVEY D SECTORS 17,18
258 08 38 47	-105	-65.1	SURVEY D SECTORS 7,8	258 09 36 28	78	-60.1	SURVEY D SECTORS 17,18
258 08 38 51	-99	-65.1	SURVEY D SECTORS 7,8	258 09 36 33	72	-60.1	SURVEY D SECTOR 16
258 08 38 56	-93	-65.1	SURVEY D SECTORS 7,8	258 09 36 38	66	-60.1	SURVEY D SECTOR 16
258 08 39 00	-87	-65.1	SURVEY D SECTORS 7,8	258 09 36 43	63	-55.2	SURVEY D SECTOR 16
258 08 39 05	-81	-65.1	SURVEY D SECTORS 7,8	258 09 36 46	69	-55.2	SURVEY D SECTOR 16
258 08 39 10	-75	-65.1	SURVEY D SECTORS 7,8	258 09 36 51	75	-55.2	SURVEY D SECTORS 17,18
258 08 39 14	-72	-60.1	SURVEY D SECTORS 7,8	258 09 36 56	81	-55.2	SURVEY D SECTORS 17,18
258 08 39 18	-78	-60.1	SURVEY D SECTORS 7,8	258 09 37 01	87	-55.2	SURVEY D SECTORS 17,18
258 08 39 23	-84	-60.1	SURVEY D SECTORS 7,8	258 09 37 04	93	-55.2	SURVEY D SECTORS 17,18
258 08 39 28	-90	-60.1	SURVEY D SECTORS 7,8	258 09 37 09	96	-50.2	SURVEY D SECTORS 17,18
258 08 39 32	-96	-60.1	SURVEY D SECTORS 7,8	258 09 37 14	90	-50.2	SURVEY D SECTORS 17,18
258 08 39 36	-102	-60.1	SURVEY D SECTORS 7,8	258 09 37 19	84	-50.2	SURVEY D SECTORS 17,18
258 08 39 41	-105	-55.2	SURVEY D SECTORS 7,8	258 09 37 22	78	-50.2	SURVEY D SECTORS 17,18
258 08 39 46	-99	-55.2	SURVEY D SECTORS 7,8	258 09 37 27	72	-50.2	SURVEY D SECTOR 16
258 08 39 49	-93	-55.2	SURVEY D SECTORS 7,8	258 09 37 32	66	-50.2	SURVEY D SECTOR 16
258 08 39 54	-87	-55.2	SURVEY D SECTORS 7,8	258 09 37 37	63	-45.3	SURVEY D SECTOR 16
258 08 39 59	-81	-55.2	SURVEY D SECTORS 7,8	258 09 37 40	69	-45.3	SURVEY D SECTOR 16
258 08 40 04	-75	-55.2	SURVEY D SECTORS 7,8	258 09 37 45	75	-45.3	SURVEY D SECTORS 17,18
258 08 40 07	-72	-50.2	SURVEY D SECTORS 7,8	258 09 37 50	81	-45.3	SURVEY D SECTORS 17,18
258 08 40 12	-78	-50.2	SURVEY D SECTORS 7,8	258 09 37 55	87	-45.3	SURVEY D SECTORS 17,18
258 08 40 17	-84	-50.2	SURVEY D SECTORS 7,8	258 09 37 58	93	-45.3	SURVEY D SECTORS 17,18
258 08 40 22	-90	-50.2	SURVEY D SECTORS 7,8	258 09 38 03	96	-40.3	SURVEY D SECTORS 17,18
258 08 40 25	-96	-50.2	SURVEY D SECTORS 7,8	258 09 38 08	90	-40.3	SURVEY D SECTORS 17,18
258 08 40 30	-102	-50.2	SURVEY D SECTORS 7,8	258 09 38 13	84	-40.3	SURVEY D SECTORS 17,18
258 08 41 14	-105	-45.3	SURVEY D SECTORS 7,8	258 09 38 16	78	-40.3	SURVEY D SECTORS 17,18
258 08 41 19	-99	-45.3	SURVEY D SECTORS 7,8	258 09 38 21	72	-40.3	SURVEY D SECTOR 16
258 08 41 24	-93	-45.3	SURVEY D SECTORS 7,8	258 09 38 26	66	-40.3	SURVEY D SECTOR 16
258 08 41 29	-87	-45.3	SURVEY D SECTORS 7,8	258 09 38 32	63	-35.3	SURVEY D SECTOR 16
258 08 41 32	-81	-45.3	SURVEY D SECTORS 7,8	258 09 38 37	69	-35.3	SURVEY D SECTOR 16
258 08 41 37	-75	-45.3	SURVEY D SECTORS 7,8	258 09 38 42	75	-35.3	SURVEY D SECTORS 17,18
258 08 41 42	-72	-40.3	SURVEY D SECTORS 7,8	258 09 38 46	81	-35.3	SURVEY D SECTORS 17,18
258 08 41 47	-78	-40.3	SURVEY D SECTORS 7,8	258 09 38 50	87	-35.3	SURVEY D SECTORS 17,18
258 08 41 50	-84	-40.3	SURVEY D SECTORS 7,8	258 09 38 55	93	-35.3	SURVEY D SECTORS 17,18
258 08 41 55	-90	-40.3	SURVEY D SECTORS 7,8	258 09 39 00	96	-30.3	SURVEY D SECTORS 17,18
258 08 42 00	-96	-40.3	SURVEY D SECTORS 7,8	258 09 39 04	90	-30.3	SURVEY D SECTORS 17,18
258 08 42 05	-102	-40.3	SURVEY D SECTORS 7,8	258 09 39 08	84	-30.3	SURVEY D SECTORS 17,18
258 08 42 09	-105	-35.3	SURVEY D SECTORS 7,8	258 09 39 13	78	-30.3	SURVEY D SECTORS 17,18
258 08 42 14	-99	-35.3	SURVEY D SECTORS 7,8	258 09 39 18	72	-30.3	SURVEY D SECTOR 16
258 08 42 18	-93	-35.3	SURVEY D SECTORS 7,8	258 09 39 22	66	-30.3	SURVEY D SECTOR 16
258 08 42 23	-87	-35.3	SURVEY D SECTORS 7,8	258 09 39 26	63	-25.3	SURVEY D SECTOR 16
258 08 42 27	-81	-35.3	SURVEY D SECTORS 7,8	258 09 39 31	69	-25.3	SURVEY D SECTOR 16
258 08 42 32	-75	-35.3	SURVEY D SECTORS 7,8	258 09 39 36	75	-25.3	SURVEY D SECTORS 17,18
258 08 42 36	-72	-30.3	SURVEY D SECTORS 7,8	258 09 39 40	81	-25.3	SURVEY D SECTORS 17,18
258 08 42 41	-78	-30.3	SURVEY D SECTORS 7,8	258 09 39 44	87	-25.3	SURVEY D SECTORS 17,18
258 08 42 45	-84	-30.3	SURVEY D SECTORS 7,8	258 09 39 49	93	-25.3	SURVEY D SECTORS 17,18
258 08 42 50	-90	-30.3	SURVEY D SECTORS 7,8	258 09 39 54	96	-20.3	SURVEY D SECTORS 17,18
258 08 42 54	-96	-30.3	SURVEY D SECTORS 7,8	258 09 39 58	90	-20.3	SURVEY D SECTORS 17,18
258 08 42 59	-102	-30.3	SURVEY D SECTORS 7,8	258 09 40 03	84	-20.3	SURVEY D SECTORS 17,18
258 08 43 40	-105	-25.3	SURVEY D SECTORS 7,8	258 09 40 07	78	-20.3	SURVEY D SECTORS 17,18
258 08 43 45	-99	-25.3	SURVEY D SECTORS 7,8	258 09 40 12	72	-20.3	SURVEY D SECTOR 16
258 08 43 49	-93	-25.3	SURVEY D SECTORS 7,8	258 09 40 16	66	-20.3	SURVEY D SECTOR 16
258 08 43 54	-87	-25.3	SURVEY D SECTORS 7,8	258 09 40 21	63	-15.3	SURVEY D SECTOR 16
258 08 43 58	-81	-25.3	SURVEY D SECTORS 7,8	258 09 40 25	69	-15.3	SURVEY D SECTOR 16

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
258 09 40 30	75	-15.3	SURVEY D SECTORS 17,18	258 09 47 47	120	-30.3	SURVEY D SECTOR 19
258 09 40 34	81	-15.3	SURVEY D SECTORS 17,18	258 09 47 51	114	-30.3	SURVEY D SECTOR 19
258 09 40 39	87	-15.3	SURVEY D SECTORS 17,18	258 09 47 56	108	-30.3	SURVEY D SECTORS 17,18
258 09 40 44	93	-15.3	SURVEY D SECTORS 17,18	258 09 48 00	102	-30.3	SURVEY D SECTORS 17,18
258 09 40 48	96	-10.5	SURVEY D SECTORS 17,18	258 09 48 05	99	-25.3	SURVEY D SECTORS 17,18
258 09 40 52	90	-10.5	SURVEY D SECTORS 17,18	258 09 48 09	105	-25.3	SURVEY D SECTORS 17,18
258 09 40 57	84	-10.5	SURVEY D SECTORS 17,18	258 09 48 14	111	-25.3	SURVEY D SECTOR 19
258 09 41 02	78	-10.5	SURVEY D SECTORS 17,18	258 09 48 18	117	-25.3	SURVEY D SECTOR 19
258 09 41 06	72	-10.5	SURVEY D SECTOR 16	258 09 48 23	123	-25.3	SURVEY D SECTOR 19
258 09 41 10	66	-10.5	SURVEY D SECTOR 16	258 09 48 28	126	-20.3	SURVEY D SECTOR 19
258 09 41 16	63	-5.6	SURVEY D SECTOR 16	258 09 48 33	120	-20.3	SURVEY D SECTOR 19
258 09 41 20	69	-5.6	SURVEY D SECTOR 16	258 09 48 36	114	-20.3	SURVEY D SECTOR 19
258 09 41 25	75	-5.6	SURVEY D SECTORS 17,18	258 09 48 41	108	-20.3	SURVEY D SECTORS 17,18
258 09 41 30	81	-5.6	SURVEY D SECTORS 17,18	258 09 48 46	102	-20.3	SURVEY D SECTORS 17,18
258 09 41 34	87	-5.6	SURVEY D SECTORS 17,18	258 09 48 51	99	-15.3	SURVEY D SECTORS 17,18
258 09 41 38	93	-5.6	SURVEY D SECTORS 17,18	258 09 48 54	105	-15.3	SURVEY D SECTORS 17,18
258 09 41 43	96	-0.7	SURVEY D SECTORS 17,18	258 09 48 59	111	-15.3	SURVEY D SECTOR 19
258 09 41 48	90	-0.7	SURVEY D SECTORS 17,18	258 09 49 04	117	-15.3	SURVEY D SECTOR 19
258 09 41 52	84	-0.7	SURVEY D SECTORS 17,18	258 09 49 09	123	-15.3	SURVEY D SECTOR 19
258 09 41 56	78	-0.7	SURVEY D SECTORS 17,18	258 09 49 16	126	-10.5	SURVEY D SECTOR 19
258 09 42 01	72	-0.7	SURVEY D SECTOR 16	258 09 49 19	120	-10.5	SURVEY D SECTOR 19
258 09 42 06	66	-0.7	SURVEY D SECTOR 16	258 09 49 24	114	-10.5	SURVEY D SECTOR 19
258 09 42 10	63	4.3	SURVEY D SECTOR 16	258 09 49 29	108	-10.5	SURVEY D SECTORS 17,18
258 09 42 14	69	4.3	SURVEY D SECTOR 16	258 09 49 34	102	-10.5	SURVEY D SECTORS 17,18
258 09 42 19	75	4.3	SURVEY D SECTORS 17,18	258 09 49 37	99	-5.6	SURVEY D SECTORS 17,18
258 09 42 24	81	4.3	SURVEY D SECTORS 17,18	258 09 49 42	105	-5.6	SURVEY D SECTORS 17,18
258 09 42 28	87	4.3	SURVEY D SECTORS 17,18	258 09 49 47	111	-5.6	SURVEY D SECTOR 19
258 09 42 32	93	4.3	SURVEY D SECTORS 17,18	258 09 49 52	117	-5.6	SURVEY D SECTOR 19
258 09 42 38	96	9.3	SURVEY D SECTORS 17,18	258 09 49 55	123	-5.6	SURVEY D SECTOR 19
258 09 42 42	90	9.3	SURVEY D SECTORS 17,18	258 09 50 01	126	-0.7	SURVEY D SECTOR 19
258 09 42 46	84	9.3	SURVEY D SECTORS 17,18	258 09 50 06	120	-0.7	SURVEY D SECTOR 19
258 09 42 51	78	9.3	SURVEY D SECTORS 17,18	258 09 50 11	114	-0.7	SURVEY D SECTOR 19
258 09 42 56	72	9.3	SURVEY D SECTOR 16	258 09 50 16	108	-0.7	SURVEY D SECTORS 17,18
258 09 42 59	66	9.3	SURVEY D SECTOR 16	258 09 50 19	102	-0.7	SURVEY D SECTORS 17,18
258 09 43 04	63	14.4	SURVEY D SECTOR 16	258 09 50 25	99	4.3	SURVEY D SECTORS 17,18
258 09 43 09	69	14.4	SURVEY D SECTOR 16	258 09 50 29	105	4.3	SURVEY D SECTORS 17,18
258 09 43 14	75	14.4	SURVEY D SECTORS 17,18	258 09 50 34	111	4.3	SURVEY D SECTOR 19
258 09 43 17	81	14.4	SURVEY D SECTORS 17,18	258 09 50 39	117	4.3	SURVEY D SECTOR 19
258 09 43 22	87	14.4	SURVEY D SECTORS 17,18	258 09 50 43	123	4.3	SURVEY D SECTOR 19
258 09 43 27	93	14.4	SURVEY D SECTORS 17,18	258 09 50 47	126	9.3	SURVEY D SECTOR 19
258 09 43 32	96	19.4	SURVEY D SECTORS 17,18	258 09 50 52	120	9.3	SURVEY D SECTOR 19
258 09 43 35	90	19.4	SURVEY D SECTORS 17,18	258 09 50 57	114	9.3	SURVEY D SECTOR 19
258 09 43 40	84	19.4	SURVEY D SECTORS 17,18	258 09 51 01	108	9.3	SURVEY D SECTORS 17,18
258 09 43 45	78	19.4	SURVEY D SECTORS 17,18	258 09 51 05	102	9.3	SURVEY D SECTORS 17,18
258 09 43 50	72	19.4	SURVEY D SECTOR 16	258 09 51 10	99	14.4	SURVEY D SECTORS 17,18
258 09 43 53	66	19.4	SURVEY D SECTOR 16	258 09 51 15	105	14.4	SURVEY D SECTORS 17,18
258 09 43 58	63	24.3	SURVEY D SECTOR 16	258 09 51 19	111	14.4	SURVEY D SECTOR 19
258 09 44 03	69	24.3	SURVEY D SECTOR 16	258 09 51 23	117	14.4	SURVEY D SECTOR 19
258 09 44 08	75	24.3	SURVEY D SECTORS 17,18	258 09 51 28	123	14.4	SURVEY D SECTOR 19
258 09 44 11	81	24.3	SURVEY D SECTORS 17,18	258 09 52 27	129	-65.1	SURVEY D SECTOR 19
258 09 44 16	87	24.3	SURVEY D SECTORS 17,18	258 09 52 53	63	-65.1	SURVEY D SECTOR 19
258 09 44 21	93	24.3	SURVEY D SECTORS 17,18	258 09 53 22	0	-60.1	SURVEY D SECTOR 19
258 09 44 58	99	-65.1	SURVEY D SECTORS 17,18	258 09 54 08	-60	-60.1	SURVEY D SECTOR 19
258 09 45 03	99	-65.1	SURVEY D SECTORS 17,18	259 01 51 53	-60	-60.1	PHOTOMETRY D
258 09 45 08	105	-65.1	SURVEY D SECTORS 17,18	259 01 52 59	-60	-55.2	PHOTOMETRY D
258 09 45 13	111	-65.1	SURVEY D SECTOR 19	259 01 54 50	-60	-55.2	PHOTOMETRY D
258 09 45 17	117	-65.1	SURVEY D SECTOR 19	259 01 55 40	-60	-60.1	PHOTOMETRY D
258 09 45 21	123	-65.1	SURVEY D SECTOR 19	259 01 56 32	-60	-60.1	PHOTOMETRY D
258 09 45 26	126	-60.1	SURVEY D SECTOR 19	259 01 56 57	-60	-60.1	PHOTOMETRY D
258 09 45 31	120	-60.1	SURVEY D SECTOR 19	259 01 57 03	-60	-60.1	PHOTOMETRY D
258 09 45 35	114	-60.1	SURVEY D SECTOR 19	259 01 58 35	-60	-10.5	PHOTOMETRY D
258 09 45 39	108	-60.1	SURVEY D SECTORS 17,18	259 01 58 41	-60	-10.5	PHOTOMETRY D
258 09 45 44	102	-60.1	SURVEY D SECTORS 17,18	259 01 58 47	-60	-10.5	PHOTOMETRY D
258 09 45 49	99	-55.2	SURVEY D SECTORS 17,18	259 01 59 26	-57	-15.3	PHOTOMETRY D
258 09 45 53	105	-55.2	SURVEY D SECTORS 17,18	259 01 59 32	-57	-15.3	PHOTOMETRY D
258 09 45 57	111	-55.2	SURVEY D SECTOR 19	259 01 59 38	-57	-15.3	PHOTOMETRY D
258 09 46 02	117	-55.2	SURVEY D SECTOR 19	259 02 00 13	-54	-20.3	PHOTOMETRY D
258 09 46 07	123	-55.2	SURVEY D SECTOR 19	259 02 00 19	-54	-20.3	PHOTOMETRY D
258 09 46 11	126	-50.2	SURVEY D SECTOR 19	259 02 00 25	-54	-20.3	PHOTOMETRY D
258 09 46 15	120	-50.2	SURVEY D SECTOR 19	259 02 00 59	-51	-25.3	PHOTOMETRY D
258 09 46 20	114	-50.2	SURVEY D SECTOR 19	259 02 01 05	-51	-25.3	PHOTOMETRY D
258 09 46 25	108	-50.2	SURVEY D SECTORS 17,18	259 02 01 11	-51	-25.3	PHOTOMETRY D
258 09 46 29	102	-50.2	SURVEY D SECTORS 17,18	259 02 01 44	-48	-30.3	PHOTOMETRY D
258 09 46 33	99	-45.3	SURVEY D SECTORS 17,18	259 02 01 50	-48	-30.3	PHOTOMETRY D
258 09 46 38	105	-45.3	SURVEY D SECTORS 17,18	259 02 01 56	-48	-30.3	PHOTOMETRY D
258 09 46 43	111	-45.3	SURVEY D SECTOR 19	259 02 02 31	-45	-35.3	PHOTOMETRY D
258 09 46 47	117	-45.3	SURVEY D SECTOR 19	259 02 02 37	-45	-35.3	PHOTOMETRY D
258 09 46 51	123	-45.3	SURVEY D SECTOR 19	259 02 02 43	-45	-35.3	PHOTOMETRY D
258 09 46 56	126	-40.3	SURVEY D SECTOR 19	259 02 03 13	-42	-40.3	PHOTOMETRY D
258 09 47 01	120	-40.3	SURVEY D SECTOR 19	259 02 03 19	-42	-40.3	PHOTOMETRY D
258 09 47 05	114	-40.3	SURVEY D SECTOR 19	259 02 03 25	-42	-40.3	PHOTOMETRY D
258 09 47 09	108	-40.3	SURVEY D SECTORS 17,18	259 02 03 53	-39	-45.3	PHOTOMETRY D
258 09 47 14	102	-40.3	SURVEY D SECTORS 17,18	259 02 03 59	-39	-45.3	PHOTOMETRY D
258 09 47 20	99	-35.3	SURVEY D SECTORS 17,18	259 02 04 05	-39	-45.3	PHOTOMETRY D
258 09 47 24	105	-35.3	SURVEY D SECTORS 17,18	259 02 04 41	-30	-50.2	PHOTOMETRY D
258 09 47 29	111	-35.3	SURVEY D SECTOR 19	259 02 04 47	-30	-50.2	PHOTOMETRY D
258 09 47 33	117	-35.3	SURVEY D SECTOR 19	259 02 04 52	-30	-50.2	PHOTOMETRY D
258 09 47 38	123	-35.3	SURVEY D SECTOR 19	259 02 05 12	-24	-50.2	PHOTOMETRY D
258 09 47 42	126	-30.3	SURVEY D SECTOR 19	259 02 05 18	-24	-50.2	PHOTOMETRY D

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
259 02 05 24	-24	-50.2	PHOTOMETRY D	259 03 27 10	24	-20.3	PHOTOMETRY D
259 02 05 58	-15	-55.2	PHOTOMETRY D	259 03 27 22	24	-20.3	PHOTOMETRY D
259 02 06 04	-15	-55.2	PHOTOMETRY D	259 03 27 32	24	-20.3	PHOTOMETRY D
259 02 06 10	-15	-55.2	PHOTOMETRY D	259 03 28 00	24	-10.5	PHOTOMETRY D
259 02 06 30	-9	-55.2	PHOTOMETRY D	259 03 28 11	24	-10.5	PHOTOMETRY D
259 02 06 36	-9	-55.2	PHOTOMETRY D	259 03 28 22	24	-10.5	PHOTOMETRY D
259 02 06 42	-9	-55.2	PHOTOMETRY D	259 03 28 55	24	-0.7	PHOTOMETRY D
259 02 07 16	0	-60.1	PHOTOMETRY D	259 03 29 07	24	-0.7	PHOTOMETRY D
259 02 07 22	0	-60.1	PHOTOMETRY D	259 03 29 18	24	-0.7	PHOTOMETRY D
259 02 07 28	0	-60.1	PHOTOMETRY D	259 03 30 00	24	9.3	PHOTOMETRY D
259 02 07 53	6	-60.1	PHOTOMETRY D	259 03 30 11	24	9.3	PHOTOMETRY D
259 02 07 59	6	-60.1	PHOTOMETRY D	259 03 30 21	24	9.3	PHOTOMETRY D
259 02 08 05	6	-60.1	PHOTOMETRY D	259 03 30 55	24	19.4	PHOTOMETRY D
259 02 08 30	18	-60.1	PHOTOMETRY D	259 03 31 07	24	19.4	PHOTOMETRY D
259 02 08 36	18	-60.1	PHOTOMETRY D	259 03 31 18	24	19.4	PHOTOMETRY D
259 02 08 42	18	-60.1	PHOTOMETRY D	259 03 31 59	-21	9.3	PHOTOMETRY D
259 02 09 09	27	-60.1	PHOTOMETRY D	259 03 32 09	-21	9.3	PHOTOMETRY D
259 02 09 15	27	-60.1	PHOTOMETRY D	259 03 32 20	-21	9.3	PHOTOMETRY D
259 02 09 21	27	-60.1	PHOTOMETRY D	259 03 32 59	-18	-0.7	PHOTOMETRY D
259 02 09 42	36	-60.1	PHOTOMETRY D	259 03 33 09	-18	-0.7	PHOTOMETRY D
259 02 09 48	36	-60.1	PHOTOMETRY D	259 03 33 20	-18	-0.7	PHOTOMETRY D
259 02 09 54	36	-60.1	PHOTOMETRY D	259 03 34 01	-15	-10.5	PHOTOMETRY D
259 02 10 19	45	-60.1	PHOTOMETRY D	259 03 34 12	-15	-10.5	PHOTOMETRY D
259 02 10 22	45	-60.1	PHOTOMETRY D	259 03 34 23	-15	-10.5	PHOTOMETRY D
259 02 10 28	45	-60.1	PHOTOMETRY D	259 03 35 00	-9	-20.3	PHOTOMETRY D
259 02 11 01	54	-55.2	PHOTOMETRY D	259 03 35 11	-9	-20.3	PHOTOMETRY D
259 02 11 07	54	-55.2	PHOTOMETRY D	259 03 35 21	-9	-20.3	PHOTOMETRY D
259 02 11 13	54	-55.2	PHOTOMETRY D	259 03 35 55	-6	-30.3	PHOTOMETRY D
259 02 11 35	63	-55.2	PHOTOMETRY D	259 03 36 06	-6	-30.3	PHOTOMETRY D
259 02 11 41	63	-55.2	PHOTOMETRY D	259 03 36 16	-6	-30.3	PHOTOMETRY D
259 02 11 47	63	-55.2	PHOTOMETRY D	259 03 36 51	0	-40.3	PHOTOMETRY D
259 02 12 43	96	-30.3	PHOTOMETRY D	259 03 37 02	0	-40.3	PHOTOMETRY D
259 02 12 49	96	-30.3	PHOTOMETRY D	259 03 37 14	0	-40.3	PHOTOMETRY D
259 02 12 55	96	-30.3	PHOTOMETRY D	259 03 38 26	-105	-30.3	PHOTOMETRY D
259 02 13 30	99	-25.3	PHOTOMETRY D	259 03 38 37	-105	-30.3	PHOTOMETRY D
259 02 13 36	99	-25.3	PHOTOMETRY D	259 03 38 48	-105	-30.3	PHOTOMETRY D
259 02 13 42	99	-25.3	PHOTOMETRY D	259 03 44 13	-105	-30.3	PHOTOMETRY D
259 02 14 15	102	-20.3	PHOTOMETRY D	259 03 45 11	-99	-40.3	PHOTOMETRY D
259 02 14 21	102	-20.3	PHOTOMETRY D	259 03 45 22	-99	-40.3	PHOTOMETRY D
259 02 14 27	102	-20.3	PHOTOMETRY D	259 03 45 33	-99	-40.3	PHOTOMETRY D
259 02 15 00	105	-15.3	PHOTOMETRY D	259 03 46 16	-93	-50.2	PHOTOMETRY D
259 02 15 06	105	-15.3	PHOTOMETRY D	259 03 46 27	-93	-50.2	PHOTOMETRY D
259 02 15 12	105	-15.3	PHOTOMETRY D	259 03 46 37	-93	-50.2	PHOTOMETRY D
259 02 15 47	108	-10.5	PHOTOMETRY D	259 03 47 10	-87	-55.2	PHOTOMETRY D
259 02 15 53	108	-10.5	PHOTOMETRY D	259 03 47 20	-87	-55.2	PHOTOMETRY D
259 02 15 59	108	-10.5	PHOTOMETRY D	259 03 47 31	-87	-55.2	PHOTOMETRY D
259 02 16 29	111	-5.6	PHOTOMETRY D	259 03 48 07	-78	-60.1	PHOTOMETRY D
259 02 16 35	111	-5.6	PHOTOMETRY D	259 03 48 18	-78	-60.1	PHOTOMETRY D
259 02 16 41	111	-5.6	PHOTOMETRY D	259 03 48 29	-78	-60.1	PHOTOMETRY D
259 02 17 11	114	-0.7	PHOTOMETRY D	259 03 50 17	-156	-40.3	PHOTOMETRY D
259 02 17 17	114	-0.7	PHOTOMETRY D	259 03 50 27	-156	-40.3	PHOTOMETRY D
259 02 17 23	114	-0.7	PHOTOMETRY D	259 03 50 39	-156	-40.3	PHOTOMETRY D
259 02 18 52	75	24.3	PHOTOMETRY D	259 03 51 11	-156	-30.3	PHOTOMETRY D
259 02 18 58	75	24.3	PHOTOMETRY D	259 03 51 21	-156	-30.3	PHOTOMETRY D
259 02 19 04	75	24.3	PHOTOMETRY D	259 03 51 33	-156	-30.3	PHOTOMETRY D
259 02 19 49	72	14.4	PHOTOMETRY D	259 04 29 15	-156	-30.3	PHOTOMETRY D
259 02 19 55	72	14.4	PHOTOMETRY D	259 04 31 49	-156	-30.3	PHOTOMETRY D
259 02 20 01	72	14.4	PHOTOMETRY D	259 04 32 01	-156	-30.3	PHOTOMETRY D
259 02 20 43	69	4.3	PHOTOMETRY D	259 04 32 41	-156	-30.3	PHOTOMETRY D
259 02 20 49	69	4.3	PHOTOMETRY D	259 04 32 52	-156	-30.3	PHOTOMETRY D
259 02 20 55	69	4.3	PHOTOMETRY D	259 04 33 53	-156	-30.3	PHOTOMETRY D
259 02 21 33	66	-5.6	PHOTOMETRY D	259 04 34 05	-156	-30.3	PHOTOMETRY D
259 02 21 39	66	-5.6	PHOTOMETRY D	259 04 34 41	-156	-30.3	PHOTOMETRY D
259 02 21 45	66	-5.6	PHOTOMETRY D	259 04 36 25	-60	-60.1	PHOTOMETRY D
259 02 22 34	51	-5.6	PHOTOMETRY D	259 04 36 36	-60	-60.1	PHOTOMETRY D
259 02 22 40	51	-5.6	PHOTOMETRY D	259 04 36 47	-60	-60.1	PHOTOMETRY D
259 02 22 46	51	-5.6	PHOTOMETRY D	259 04 37 08	-60	-60.1	PHOTOMETRY D
259 02 24 11	51	-5.6	PHOTOMETRY D	259 04 37 19	-60	-60.1	PHOTOMETRY D
259 02 24 17	51	-5.6	PHOTOMETRY D	259 04 37 30	-60	-60.1	PHOTOMETRY D
259 02 24 23	51	-5.6	PHOTOMETRY D	259 04 38 09	-60	-60.1	PHOTOMETRY D
259 02 25 05	51	-5.6	PHOTOMETRY D	259 04 38 21	-60	-60.1	PHOTOMETRY D
259 02 25 11	51	-5.6	PHOTOMETRY D	259 04 38 31	-60	-60.1	PHOTOMETRY D
259 02 25 17	51	-5.6	PHOTOMETRY D	259 04 39 21	-60	-60.1	PHOTOMETRY D
259 02 26 16	51	-5.6	PHOTOMETRY D	259 04 39 32	-60	-60.1	PHOTOMETRY D
259 02 26 27	51	-5.6	PHOTOMETRY D	259 04 39 42	-60	-60.1	PHOTOMETRY D
259 02 26 38	51	-5.6	PHOTOMETRY D	259 04 40 47	-57	-60.1	MAGNETS E
259 02 29 57	51	-5.6	PHOTOMETRY D	259 04 41 50	-57	-60.1	MAGNETS E
259 02 30 58	60	-10.5	PHOTOMETRY D	259 04 43 37	-57	-60.1	MAGNETS E
259 02 31 09	60	-10.5	PHOTOMETRY D	259 04 44 35	-57	-60.1	MAGNETS E
259 02 31 21	60	-10.5	PHOTOMETRY D	259 04 44 46	-57	-60.1	MAGNETS E
259 03 24 20	57	-20.3	PHOTOMETRY D	259 04 44 58	-57	-60.1	MAGNETS E
259 03 24 31	57	-20.3	PHOTOMETRY D	259 04 45 35	-57	-60.1	MAGNETS E
259 03 24 42	57	-20.3	PHOTOMETRY D	259 04 45 46	-57	-60.1	MAGNETS E
259 03 25 16	54	-30.3	PHOTOMETRY D	259 04 45 55	-57	-60.1	MAGNETS E
259 03 25 28	54	-30.3	PHOTOMETRY D	259 04 46 44	-57	-60.1	MAGNETS E
259 03 25 38	54	-30.3	PHOTOMETRY D	259 04 46 55	-57	-60.1	MAGNETS E
259 03 26 18	24	-30.3	PHOTOMETRY L	259 04 47 06	-57	-60.1	MAGNETS E
259 03 26 29	24	-30.3	PHOTOMETRY D	259 04 47 46	-57	-60.1	MAGNETS E
259 03 26 40	24	-30.3	PHOTOMETRY D	259 04 47 57	-57	-60.1	MAGNETS E

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
259 04 48 08	-57	-60.1	MAGNETS E	259 06 04 08	-36	-60.1	FOCUS RANGING D
259 04 48 26	-57	-60.1	MAGNETS E	259 06 04 13	-36	-60.1	FOCUS RANGING D
259 04 51 56	-210	-45.3	SPECIAL E	259 06 04 17	-36	-60.1	FOCUS RANGING D
259 04 52 57	-210	-45.3	SPECIAL E	259 06 04 22	-36	-60.1	FOCUS RANGING D
259 04 54 19	-213	-45.3	SPECIAL E	259 06 04 26	-36	-60.1	FOCUS RANGING D
259 04 54 24	-216	-45.3	SPECIAL E	259 06 04 31	-36	-60.1	FOCUS RANGING D
259 04 54 29	-216	-50.2	SPECIAL E	259 06 04 35	-36	-60.1	FOCUS RANGING D
259 04 54 34	-213	-50.2	SPECIAL E	259 06 04 40	-36	-60.1	FOCUS RANGING D
259 04 54 39	-210	-50.2	SPECIAL E	259 06 04 49	-36	-55.2	FOCUS RANGING D
259 04 54 42	-207	-50.2	SPECIAL E	259 06 04 56	-36	-55.2	FOCUS RANGING D
259 04 54 47	-204	-50.2	SPECIAL E	259 06 05 01	-36	-55.2	FOCUS RANGING D
259 04 54 52	-201	-50.2	SPECIAL E	259 06 08 13	-36	-55.2	FOCUS RANGING D
259 04 54 57	-201	-55.2	SPECIAL E	259 06 09 31	-36	-55.2	FOCUS RANGING D
259 04 55 00	-204	-55.2	SPECIAL E	259 06 12 01	-36	-55.2	FOCUS RANGING D
259 04 55 05	-207	-55.2	SPECIAL E	259 06 12 06	-36	-55.2	FOCUS RANGING D
259 04 55 10	-210	-55.2	SPECIAL E	259 06 12 10	-36	-55.2	FOCUS RANGING D
259 04 55 15	-213	-55.2	SPECIAL E	259 06 12 14	-36	-55.2	FOCUS RANGING D
259 04 55 18	-216	-55.2	SPECIAL E	259 06 12 19	-36	-55.2	FOCUS RANGING D
259 05 00 20	-210	-45.3	SPECIAL E	259 06 12 24	-36	-55.2	FOCUS RANGING D
259 05 02 17	-213	-45.3	SPECIAL E	259 06 12 28	-36	-55.2	FOCUS RANGING D
259 05 02 21	-216	-45.3	SPECIAL E	259 06 12 32	-36	-55.2	FOCUS RANGING D
259 05 02 26	-216	-50.2	SPECIAL E	259 06 12 42	-36	-50.2	FOCUS RANGING D
259 05 02 31	-213	-50.2	SPECIAL E	259 06 14 48	-36	-50.2	FOCUS RANGING D
259 05 02 34	-210	-50.2	SPECIAL E	259 06 16 07	-36	-50.2	FOCUS RANGING D
259 05 02 39	-207	-50.2	SPECIAL E	259 06 17 58	-36	-55.2	FOCUS RANGING D
259 05 02 44	-204	-50.2	SPECIAL E	259 06 18 33	-36	-55.2	FOCUS RANGING D
259 05 02 49	-201	-50.2	SPECIAL E	259 06 18 37	-36	-55.2	FOCUS RANGING D
259 05 02 52	-201	-55.2	SPECIAL E	259 06 18 41	-36	-55.2	FOCUS RANGING D
259 05 02 57	-204	-55.2	SPECIAL E	259 06 18 46	-36	-55.2	FOCUS RANGING D
259 05 03 02	-207	-55.2	SPECIAL E	259 06 18 51	-36	-55.2	FOCUS RANGING D
259 05 03 07	-210	-55.2	SPECIAL E	259 06 18 55	-36	-55.2	FOCUS RANGING D
259 05 03 10	-213	-55.2	SPECIAL E	259 06 18 59	-36	-55.2	FOCUS RANGING D
259 05 03 15	-216	-55.2	SPECIAL E	259 06 19 04	-36	-55.2	FOCUS RANGING D
259 05 06 19	-195	-40.3	MIRROR F	259 06 19 14	-36	-50.2	FOCUS RANGING D
259 05 07 01	-201	-40.3	MIRROR F	259 06 19 48	-36	-50.2	FOCUS RANGING D
259 05 07 45	-204	-40.3	MIRROR F	259 06 19 53	-36	-50.2	FOCUS RANGING D
259 05 08 45	-207	-40.3	MIRROR F	259 06 19 58	-36	-50.2	FOCUS RANGING D
259 05 08 54	-210	-40.3	MIRROR F	259 06 20 03	-36	-50.2	FOCUS RANGING D
259 05 09 54	-210	-40.3	MIRROR F	259 06 20 06	-36	-50.2	FOCUS RANGING D
259 05 09 57	-210	-35.3	MIRROR F	259 06 20 11	-36	-50.2	FOCUS RANGING D
259 05 10 02	-207	-35.3	MIRROR F	259 06 20 16	-36	-50.2	FOCUS RANGING D
259 05 10 07	-204	-35.3	MIRROR F	259 06 20 21	-36	-50.2	FOCUS RANGING D
259 05 10 12	-201	-35.3	MIRROR F	259 06 20 30	-36	-45.3	FOCUS RANGING D
259 05 10 15	-198	-35.3	MIRROR F	259 06 21 16	-36	-45.3	FOCUS RANGING D
259 05 10 20	-195	-40.3	MIRROR F	259 06 21 20	-36	-45.3	FOCUS RANGING D
259 05 12 10	-195	-40.3	MIRROR F	259 06 21 24	-36	-45.3	FOCUS RANGING D
259 05 14 07	-195	-40.3	MIRROR F	259 06 21 29	-36	-45.3	FOCUS RANGING D
259 05 16 07	-198	-40.3	MIRROR F	259 06 21 34	-36	-45.3	FOCUS RANGING D
259 05 17 51	-201	-40.3	MIRROR F	259 06 21 37	-36	-45.3	FOCUS RANGING D
259 05 20 20	-201	-40.3	MIRROR F	259 06 21 42	-36	-45.3	FOCUS RANGING D
259 05 20 35	-201	-40.3	MIRROR F	259 06 21 47	-36	-45.3	FOCUS RANGING D
259 05 20 46	-201	-40.3	MIRROR F	259 06 21 55	-36	-40.3	FOCUS RANGING D
259 05 20 55	-201	-40.3	MIRROR F	259 06 22 41	-36	-40.3	FOCUS RANGING D
259 05 21 05	-201	-40.3	MIRROR F	259 06 22 46	-36	-40.3	FOCUS RANGING D
259 05 21 16	-201	-40.3	MIRROR F	259 06 22 51	-36	-40.3	FOCUS RANGING D
259 05 21 19	-201	-40.3	MIRROR F	259 06 22 54	-36	-40.3	FOCUS RANGING D
259 05 21 25	-201	-40.3	MIRROR F	259 06 22 59	-36	-40.3	FOCUS RANGING D
259 05 21 36	-201	-40.3	MIRROR F	259 06 23 04	-36	-40.3	FOCUS RANGING D
259 05 21 44	-201	-40.3	MIRROR F	259 06 23 09	-36	-40.3	FOCUS RANGING D
259 05 21 55	-201	-40.3	MIRROR F	259 06 23 12	-36	-40.3	FOCUS RANGING D
259 05 22 30	-201	-40.3	MIRROR F	259 06 23 22	-36	-35.3	FOCUS RANGING D
259 05 22 39	-201	-40.3	MIRROR F	259 06 24 19	-36	-35.3	FOCUS RANGING D
259 05 22 49	-201	-40.3	MIRROR F	259 06 24 44	-36	-35.3	FOCUS RANGING D
259 05 23 00	-201	-40.3	MIRROR F	259 06 24 49	-36	-35.3	FOCUS RANGING D
259 05 23 27	-204	-40.3	MIRROR F	259 06 24 54	-36	-35.3	FOCUS RANGING D
259 05 25 08	-204	-40.3	MIRROR F	259 06 24 59	-36	-35.3	FOCUS RANGING D
259 05 25 48	-207	-40.3	MIRROR F	259 06 25 02	-36	-35.3	FOCUS RANGING D
259 05 25 56	-210	-40.3	MIRROR F	259 06 25 07	-36	-35.3	FOCUS RANGING D
259 05 26 02	-210	-45.3	MIRROR F	259 06 25 12	-36	-35.3	FOCUS RANGING D
259 05 26 07	-207	-45.3	MIRROR F	259 06 25 17	-36	-35.3	FOCUS RANGING D
259 05 26 11	-204	-45.3	MIRROR F	259 06 25 50	-36	-30.3	FOCUS RANGING D
259 05 26 16	-201	-45.3	MIRROR F	259 06 26 11	-36	-30.3	FOCUS RANGING D
259 05 26 20	-198	-45.3	MIRROR F	259 06 26 16	-36	-30.3	FOCUS RANGING D
259 05 26 25	-195	-45.3	MIRROR F	259 06 26 20	-36	-30.3	FOCUS RANGING D
259 05 53 02	-195	-45.3	MIRROR F	259 06 26 24	-36	-30.3	FOCUS RANGING D
259 05 55 07	-162	-35.3	MIRROR F	259 06 26 29	-36	-30.3	FOCUS RANGING D
259 05 58 53	-36	-65.1	FOCUS RANGING D	259 06 26 34	-36	-30.3	FOCUS RANGING D
259 05 59 34	-36	-65.1	FOCUS RANGING D	259 06 26 38	-36	-30.3	FOCUS RANGING D
259 06 00 26	-36	-65.1	FOCUS RANGING D	259 06 26 42	-36	-30.3	FOCUS RANGING D
259 06 02 22	-36	-65.1	FOCUS RANGING D	259 06 26 52	-36	-25.3	FOCUS RANGING D
259 06 03 19	-36	-65.1	FOCUS RANGING D	259 06 28 45	-36	-25.3	FOCUS RANGING D
259 06 03 24	-36	-65.1	FOCUS RANGING D	259 06 28 50	-36	-25.3	FOCUS RANGING D
259 06 03 28	-36	-65.1	FOCUS RANGING D	259 06 28 55	-36	-25.3	FOCUS RANGING D
259 06 03 32	-36	-65.1	FOCUS RANGING D	259 06 28 59	-36	-25.3	FOCUS RANGING D
259 06 03 37	-36	-65.1	FOCUS RANGING D	259 06 29 03	-36	-25.3	FOCUS RANGING D
259 06 03 42	-36	-65.1	FOCUS RANGING D	259 06 29 08	-36	-25.3	FOCUS RANGING D
259 06 03 46	-36	-65.1	FOCUS RANGING D	259 06 29 13	-36	-25.3	FOCUS RANGING D
259 06 03 50	-36	-65.1	FOCUS RANGING D	259 06 29 17	-36	-25.3	FOCUS RANGING D
259 06 04 00	-36	-60.1	FOCUS RANGING D	259 06 29 25	-36	-20.3	FOCUS RANGING D

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
259 09 56 03	18	-20.3	FOCUS RANGING D	259 10 08 09	18	19.4	FOCUS RANGING D
259 09 56 08	18	-20.3	FOCUS RANGING D	259 10 08 16	18	19.4	FOCUS RANGING D
259 09 56 13	18	-20.3	FOCUS RANGING D	259 10 08 23	18	19.4	FOCUS RANGING D
259 09 56 18	18	-20.3	FOCUS RANGING D	259 10 08 32	18	19.4	FOCUS RANGING D
259 09 56 21	18	-20.3	FOCUS RANGING D	259 10 10 02	18	24.3	FOCUS RANGING D
259 09 56 26	18	-20.3	FOCUS RANGING D	259 10 14 48	18	24.3	FOCUS RANGING D
259 09 56 31	18	-20.3	FOCUS RANGING D	259 10 14 54	18	24.3	FOCUS RANGING D
259 09 56 36	18	-20.3	FOCUS RANGING D	259 10 15 03	18	24.3	FOCUS RANGING D
259 09 56 44	18	-15.3	FOCUS RANGING D	259 10 15 10	18	24.3	FOCUS RANGING D
259 09 57 01	18	-15.3	FOCUS RANGING D	259 10 15 18	18	24.3	FOCUS RANGING D
259 09 57 13	18	-15.3	FOCUS RANGING D	259 10 15 27	18	24.3	FOCUS RANGING D
259 09 57 17	18	-15.3	FOCUS RANGING D	259 10 15 34	18	24.3	FOCUS RANGING D
259 09 57 21	18	-15.3	FOCUS RANGING D	259 10 15 42	18	24.3	FOCUS RANGING D
259 09 57 26	18	-15.3	FOCUS RANGING D	259 10 15 49	18	24.3	FOCUS RANGING D
259 09 57 31	18	-15.3	FOCUS RANGING D	259 10 15 58	18	24.3	FOCUS RANGING D
259 09 57 35	18	-15.3	FOCUS RANGING D	259 10 16 06	18	24.3	FOCUS RANGING D
259 09 57 39	18	-15.3	FOCUS RANGING D	259 10 16 13	18	24.3	FOCUS RANGING D
259 09 57 44	18	-15.3	FOCUS RANGING D	259 10 16 20	18	24.3	FOCUS RANGING D
259 09 57 53	18	-10.5	FOCUS RANGING D	259 10 16 28	18	24.3	FOCUS RANGING D
259 09 58 10	18	-10.5	FOCUS RANGING D	259 10 16 36	18	24.3	FOCUS RANGING D
259 09 58 21	18	-10.5	FOCUS RANGING D	259 10 17 07	18	24.3	FOCUS RANGING D
259 09 58 26	18	-10.5	FOCUS RANGING D	259 10 18 07	18	29.2	FOCUS RANGING D
259 09 58 31	18	-10.5	FOCUS RANGING D	259 10 18 44	18	29.2	FOCUS RANGING D
259 09 58 34	18	-10.5	FOCUS RANGING D	259 10 18 52	18	29.2	FOCUS RANGING D
259 09 58 39	18	-10.5	FOCUS RANGING D	259 10 19 00	18	29.2	FOCUS RANGING D
259 09 58 44	18	-10.5	FOCUS RANGING D	259 10 19 07	18	29.2	FOCUS RANGING D
259 09 58 49	18	-10.5	FOCUS RANGING D	259 10 19 14	18	29.2	FOCUS RANGING D
259 09 58 52	18	-10.5	FOCUS RANGING D	259 10 19 22	18	29.2	FOCUS RANGING D
259 09 59 01	18	-5.6	FOCUS RANGING D	259 10 19 29	18	29.2	FOCUS RANGING D
259 09 59 13	18	-5.6	FOCUS RANGING D	259 10 19 36	18	29.2	FOCUS RANGING D
259 09 59 16	18	-5.6	FOCUS RANGING D	259 10 19 44	18	29.2	FOCUS RANGING D
259 09 59 21	18	-5.6	FOCUS RANGING D	259 10 19 56	18	29.2	FOCUS RANGING D
259 09 59 26	18	-5.6	FOCUS RANGING D	259 10 23 32	93	19.4	STARS D
259 09 59 31	18	-5.6	FOCUS RANGING D	259 10 26 21	93	19.4	STARS D
259 09 59 34	18	-5.6	FOCUS RANGING D	259 10 27 41	96	19.4	STARS D
259 09 59 39	18	-5.6	FOCUS RANGING D	259 10 30 29	96	19.4	STARS D
259 09 59 44	18	-5.6	FOCUS RANGING D	259 10 30 40	96	19.4	STARS D
259 09 59 52	18	-0.7	FOCUS RANGING D	259 10 32 00	96	24.3	STARS D
259 10 00 10	18	-0.7	FOCUS RANGING D	259 10 32 11	96	24.3	STARS D
259 10 00 21	18	-0.7	FOCUS RANGING D	259 10 34 27	96	24.3	STARS D
259 10 00 26	18	-0.7	FOCUS RANGING D	259 10 34 37	96	24.3	STARS D
259 10 00 31	18	-0.7	FOCUS RANGING D	259 10 35 44	96	29.2	STARS D
259 10 00 34	18	-0.7	FOCUS RANGING D	259 10 35 55	96	29.2	STARS D
259 10 00 39	18	-0.7	FOCUS RANGING D	259 10 36 55	99	24.3	STARS D
259 10 00 44	18	-0.7	FOCUS RANGING D	259 10 37 04	99	24.3	STARS D
259 10 00 49	18	-0.7	FOCUS RANGING D	259 10 37 27	93	24.3	STARS D
259 10 00 52	18	-0.7	FOCUS RANGING D	259 10 37 37	93	24.3	STARS D
259 10 01 01	18	4.3	FOCUS RANGING D	259 10 38 16	96	19.4	STARS D
259 10 01 21	18	4.3	FOCUS RANGING D	259 10 38 26	96	19.4	STARS D
259 10 01 33	18	4.3	FOCUS RANGING D	259 10 38 53	96	19.4	STARS D
259 10 01 38	18	4.3	FOCUS RANGING D	259 10 39 04	96	19.4	STARS D
259 10 01 41	18	4.3	FOCUS RANGING D	259 10 47 35	-18	-20.3	SURVEY W-F
259 10 01 46	18	4.3	FOCUS RANGING D	259 10 49 29	-18	-20.3	SURVEY W-F
259 10 01 51	18	4.3	FOCUS RANGING D	259 10 50 05	-18	-20.3	SURVEY W-F
259 10 01 56	18	4.3	FOCUS RANGING D	259 10 50 30	-18	-25.3	SURVEY W-F
259 10 01 59	18	4.3	FOCUS RANGING D	259 10 51 15	-18	-25.3	SURVEY W-F
259 10 02 04	18	4.3	FOCUS RANGING D	259 10 52 31	-54	-65.1	SURVEY W-F
259 10 02 14	18	9.3	FOCUS RANGING D	259 10 53 13	-72	-65.1	SURVEY W-F
259 10 02 30	18	9.3	FOCUS RANGING D	259 10 53 19	-72	-50.2	SURVEY W-F
259 10 02 41	18	9.3	FOCUS RANGING D	259 10 53 23	-72	-35.3	SURVEY W-F
259 10 02 46	18	9.3	FOCUS RANGING D	259 10 53 28	-72	-20.3	SURVEY W-F
259 10 02 50	18	9.3	FOCUS RANGING D	259 10 53 32	-72	-5.6	SURVEY W-F
259 10 02 54	18	9.3	FOCUS RANGING D	259 10 53 37	-72	9.3	SURVEY W-F
259 10 02 59	18	9.3	FOCUS RANGING D	259 10 53 42	-54	9.3	SURVEY W-F
259 10 03 04	18	9.3	FOCUS RANGING D	259 10 53 47	-54	-5.6	SURVEY W-F
259 10 03 08	18	9.3	FOCUS RANGING D	259 10 53 52	-54	-20.3	SURVEY W-F
259 10 03 12	18	9.3	FOCUS RANGING D	259 10 53 56	-54	-35.3	SURVEY W-F
259 10 03 21	18	14.4	FOCUS RANGING D	259 10 54 00	-54	-50.2	SURVEY W-F
259 10 03 38	18	14.4	FOCUS RANGING D	259 10 54 06	-36	-50.2	SURVEY W-F
259 10 03 50	18	14.4	FOCUS RANGING D	259 10 54 11	-36	-35.3	SURVEY W-F
259 10 03 53	18	14.4	FOCUS RANGING D	259 10 54 14	-36	-20.3	SURVEY W-F
259 10 03 58	18	14.4	FOCUS RANGING D	259 10 54 19	-36	-5.6	SURVEY W-F
259 10 04 03	18	14.4	FOCUS RANGING D	259 10 54 24	-36	9.3	SURVEY W-F
259 10 04 08	18	14.4	FOCUS RANGING D	259 10 54 30	-18	9.3	SURVEY W-F
259 10 04 11	18	14.4	FOCUS RANGING D	259 10 54 33	-18	-5.6	SURVEY W-F
259 10 04 18	18	19.4	FOCUS RANGING D	259 10 54 38	-18	-20.3	SURVEY W-F
259 10 05 26	18	19.4	FOCUS RANGING D	259 10 54 43	-18	-35.3	SURVEY W-F
259 10 06 17	18	19.4	FOCUS RANGING D	259 10 54 48	-18	-50.2	SURVEY W-F
259 10 06 41	18	19.4	FOCUS RANGING D	259 10 54 55	0	-50.2	SURVEY W-F
259 10 06 50	18	19.4	FOCUS RANGING D	259 10 55 00	0	-35.3	SURVEY W-F
259 10 06 57	18	19.4	FOCUS RANGING D	259 10 55 03	0	-20.3	SURVEY W-F
259 10 07 05	18	19.4	FOCUS RANGING D	259 10 55 08	0	-5.6	SURVEY W-F
259 10 07 12	18	19.4	FOCUS RANGING D	259 10 55 13	0	9.3	SURVEY W-F
259 10 07 21	18	19.4	FOCUS RANGING D	259 10 55 18	0	24.3	SURVEY W-F
259 10 07 28	18	19.4	FOCUS RANGING D	259 10 55 23	18	24.3	SURVEY W-F
259 10 07 36	18	19.4	FOCUS RANGING D	259 10 55 27	18	9.3	SURVEY W-F
259 10 07 45	18	19.4	FOCUS RANGING D	259 10 55 32	18	-5.6	SURVEY W-F
259 10 07 52	18	19.4	FOCUS RANGING D	259 10 55 37	18	-20.3	SURVEY W-F
259 10 08 00	18	19.4	FOCUS RANGING D	259 10 55 56	18	-35.3	SURVEY W-F

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
259 10 56 01	18	-50.2	SURVEY W-F	259 12 22 22	-69	-65.1	SURVEY E SECTORS 9,10
259 10 56 07	36	-50.2	SURVEY W-F	259 12 24 30	-69	-65.1	SURVEY E SECTORS 9,10
259 10 56 10	36	-35.3	SURVEY W-F	259 12 24 35	-63	-65.1	SURVEY E SECTORS 9,10
259 10 56 15	36	-20.3	SURVEY W-F	259 12 24 38	-57	-65.1	SURVEY E SECTORS 9,10
259 10 56 20	36	-5.6	SURVEY W-F	259 12 24 43	-51	-65.1	SURVEY E SECTORS 9,10
259 10 56 25	36	9.3	SURVEY W-F	259 12 24 48	-45	-65.1	SURVEY E SECTORS 9,10
259 10 56 28	36	24.3	SURVEY W-F	259 12 24 53	-39	-65.1	SURVEY E SECTORS 9,10
259 10 56 34	54	24.3	SURVEY W-F	259 12 24 57	-33	-65.1	SURVEY E SECTORS 11,12
259 10 56 39	54	9.3	SURVEY W-F	259 12 25 01	-30	-60.1	SURVEY E SECTORS 11,12
259 10 56 43	54	-5.6	SURVEY W-F	259 12 25 06	-36	-60.1	SURVEY E SECTORS 9,10
259 10 56 48	54	-20.3	SURVEY W-F	259 12 25 11	-42	-60.1	SURVEY E SECTORS 9,10
259 10 56 52	54	-35.3	SURVEY W-F	259 12 25 15	-48	-60.1	SURVEY E SECTORS 9,10
259 10 56 57	54	-50.2	SURVEY W-F	259 12 25 19	-54	-60.1	SURVEY E SECTORS 9,10
259 10 57 02	72	-50.2	SURVEY W-F	259 12 25 24	-60	-60.1	SURVEY E SECTORS 9,10
259 10 57 07	72	-35.3	SURVEY W-F	259 12 25 29	-66	-60.1	SURVEY E SECTORS 9,10
259 10 57 11	72	-20.3	SURVEY W-F	259 12 25 33	-69	-55.2	SURVEY E SECTORS 9,10
259 10 57 16	72	-5.6	SURVEY W-F	259 12 25 37	-63	-55.2	SURVEY E SECTORS 9,10
259 10 57 20	72	9.3	SURVEY W-F	259 12 25 42	-57	-55.2	SURVEY E SECTORS 9,10
259 10 57 25	72	24.3	SURVEY W-F	259 12 25 47	-51	-55.2	SURVEY E SECTORS 9,10
259 10 57 31	90	24.3	SURVEY W-F	259 12 25 51	-45	-55.2	SURVEY E SECTORS 9,10
259 10 57 34	90	9.3	SURVEY W-F	259 12 25 55	-39	-55.2	SURVEY E SECTORS 9,10
259 10 57 39	90	-5.6	SURVEY W-F	259 12 26 00	-33	-55.2	SURVEY E SECTORS 11,12
259 10 57 44	90	-20.3	SURVEY W-F	259 12 26 05	-30	-50.2	SURVEY E SECTORS 11,12
259 10 57 49	90	-35.3	SURVEY W-F	259 12 26 09	-36	-50.2	SURVEY E SECTORS 9,10
259 10 57 53	90	-50.2	SURVEY W-F	259 12 26 13	-42	-50.2	SURVEY E SECTORS 9,10
259 10 58 01	108	-50.2	SURVEY W-F	259 12 26 18	-48	-50.2	SURVEY E SECTORS 9,10
259 10 58 05	108	-35.3	SURVEY W-F	259 12 26 23	-54	-50.2	SURVEY E SECTORS 9,10
259 10 58 09	108	-20.3	SURVEY W-F	259 12 26 27	-60	-50.2	SURVEY E SECTORS 9,10
259 10 58 14	108	-5.6	SURVEY W-F	259 12 26 32	-66	-50.2	SURVEY E SECTORS 9,10
259 10 58 19	108	9.3	SURVEY W-F	259 12 26 36	-69	-45.3	SURVEY E SECTORS 9,10
259 10 58 23	126	9.3	SURVEY W-F	259 12 26 40	-63	-45.3	SURVEY E SECTORS 9,10
259 10 58 28	126	-5.6	SURVEY W-F	259 12 26 45	-57	-45.3	SURVEY E SECTORS 9,10
259 10 58 33	126	-20.3	SURVEY W-F	259 12 26 50	-51	-45.3	SURVEY E SECTORS 9,10
259 10 58 38	126	-35.3	SURVEY W-F	259 12 26 54	-45	-45.3	SURVEY E SECTORS 9,10
259 10 58 41	126	-50.2	SURVEY W-F	259 12 26 58	-39	-45.3	SURVEY E SECTORS 9,10
259 10 58 47	126	-65.1	SURVEY W-F	259 12 27 03	-33	-45.3	SURVEY E SECTORS 11,12
259 10 58 53	108	-65.1	SURVEY W-F	259 12 28 45	-30	-40.3	SURVEY E SECTORS 11,12
259 10 58 59	90	-65.1	SURVEY W-F	259 12 28 50	-36	-40.3	SURVEY E SECTORS 9,10
259 10 59 04	72	-65.1	SURVEY W-F	259 12 28 54	-42	-40.3	SURVEY E SECTORS 9,10
259 10 59 10	54	-65.1	SURVEY W-F	259 12 28 58	-48	-40.3	SURVEY E SECTORS 9,10
259 10 59 15	36	-65.1	SURVEY W-F	259 12 29 03	-54	-40.3	SURVEY E SECTORS 9,10
259 10 59 21	18	-65.1	SURVEY W-F	259 12 29 08	-60	-40.3	SURVEY E SECTORS 9,10
259 10 59 27	0	-65.1	SURVEY W-F	259 12 29 12	-66	-40.3	SURVEY E SECTORS 9,10
259 10 59 32	-18	-65.1	SURVEY W-F	259 12 29 18	-69	-35.3	SURVEY E SECTORS 9,10
259 10 59 38	-36	-65.1	SURVEY W-F	259 12 29 21	-63	-35.3	SURVEY E SECTORS 9,10
259 10 59 42	-54	-65.1	SURVEY W-F	259 12 29 26	-57	-35.3	SURVEY E SECTORS 9,10
259 10 59 54	-90	-50.2	SURVEY W-F	259 12 29 31	-51	-35.3	SURVEY E SECTORS 9,10
259 10 59 59	-90	-35.3	SURVEY W-F	259 12 29 36	-45	-35.3	SURVEY E SECTORS 9,10
259 11 00 04	-90	-20.3	SURVEY W-F	259 12 29 39	-39	-35.3	SURVEY E SECTORS 9,10
259 11 00 09	-90	-5.6	SURVEY W-F	259 12 29 44	-33	-35.3	SURVEY E SECTORS 11,12
259 11 00 13	-108	-5.6	SURVEY W-F	259 12 29 49	-30	-30.3	SURVEY E SECTORS 11,12
259 11 00 18	-108	-20.3	SURVEY W-F	259 12 29 54	-36	-30.3	SURVEY E SECTORS 9,10
259 11 00 23	-108	-35.3	SURVEY W-F	259 12 29 57	-42	-30.3	SURVEY E SECTORS 9,10
259 11 00 28	-108	-50.2	SURVEY W-F	259 12 30 02	-48	-30.3	SURVEY E SECTORS 9,10
259 11 00 33	-126	-50.2	SURVEY W-F	259 12 30 07	-54	-30.3	SURVEY E SECTORS 9,10
259 11 00 37	-126	-35.3	SURVEY W-F	259 12 30 10	-60	-30.3	SURVEY E SECTORS 9,10
259 11 00 42	-126	-20.3	SURVEY W-F	259 12 30 15	-66	-30.3	SURVEY E SECTORS 9,10
259 11 00 46	-126	-5.6	SURVEY W-F	259 12 30 20	-69	-25.3	SURVEY E SECTORS 9,10
259 11 00 52	-144	-5.6	SURVEY W-F	259 12 30 25	-63	-25.3	SURVEY E SECTORS 9,10
259 11 00 57	-144	-20.3	SURVEY W-F	259 12 30 30	-57	-25.3	SURVEY E SECTORS 9,10
259 11 01 01	-144	-35.3	SURVEY W-F	259 12 30 35	-51	-25.3	SURVEY E SECTORS 9,10
259 11 01 05	-144	-50.2	SURVEY W-F	259 12 30 38	-45	-25.3	SURVEY E SECTORS 9,10
259 11 01 11	-162	-50.2	SURVEY W-F	259 12 30 43	-39	-25.3	SURVEY E SECTORS 9,10
259 11 01 16	-162	-35.3	SURVEY W-F	259 12 30 48	-33	-25.3	SURVEY E SECTORS 11,12
259 11 01 19	-162	-20.3	SURVEY W-F	259 12 30 53	-30	-20.3	SURVEY E SECTORS 11,12
259 11 01 24	-162	-5.6	SURVEY W-F	259 12 30 56	-36	-20.3	SURVEY E SECTORS 9,10
259 11 01 30	-180	-5.6	SURVEY W-F	259 12 31 01	-42	-20.3	SURVEY E SECTORS 9,10
259 11 01 35	-180	-20.3	SURVEY W-F	259 12 31 06	-48	-20.3	SURVEY E SECTORS 9,10
259 11 01 38	-180	-35.3	SURVEY W-F	259 12 31 11	-54	-20.3	SURVEY E SECTORS 9,10
259 11 01 43	-180	-50.2	SURVEY W-F	259 12 31 14	-60	-20.3	SURVEY E SECTORS 9,10
259 11 01 50	-198	-50.2	SURVEY W-F	259 12 31 19	-66	-20.3	SURVEY E SECTORS 9,10
259 11 01 55	-198	-35.3	SURVEY W-F	259 12 32 11	-66	-20.3	SURVEY E SECTORS 9,10
259 11 02 00	-198	-20.3	SURVEY W-F	259 12 33 56	-69	-15.3	SURVEY E SECTORS 9,10
259 11 02 05	-198	-5.6	SURVEY W-F	259 12 34 01	-63	-15.3	SURVEY E SECTORS 9,10
259 11 02 08	-198	9.3	SURVEY W-F	259 12 34 06	-57	-15.3	SURVEY E SECTORS 9,10
259 11 02 14	-216	9.3	SURVEY W-F	259 12 34 11	-51	-15.3	SURVEY E SECTORS 9,10
259 11 02 19	-216	-5.6	SURVEY W-F	259 12 34 15	-45	-15.3	SURVEY E SECTORS 9,10
259 11 02 23	-216	-20.3	SURVEY W-F	259 12 34 19	-39	-15.3	SURVEY E SECTORS 9,10
259 11 02 28	-216	-35.3	SURVEY W-F	259 12 34 24	-33	-15.3	SURVEY E SECTORS 11,12
259 11 02 32	-216	-50.2	SURVEY W-F	259 12 34 29	-30	-10.5	SURVEY E SECTORS 11,12
259 11 02 38	-216	-65.1	SURVEY W-F	259 12 34 33	-36	-10.5	SURVEY E SECTORS 9,10
259 11 02 44	-198	-65.1	SURVEY W-F	259 12 34 37	-42	-10.5	SURVEY E SECTORS 9,10
259 11 02 49	-180	-65.1	SURVEY W-F	259 12 34 42	-48	-10.5	SURVEY E SECTORS 9,10
259 11 02 55	-162	-65.1	SURVEY W-F	259 12 34 47	-54	-10.5	SURVEY E SECTORS 9,10
259 11 03 00	-144	-65.1	SURVEY W-F	259 12 34 51	-60	-10.5	SURVEY E SECTORS 9,10
259 11 03 06	-126	-65.1	SURVEY W-F	259 12 34 55	-66	-10.5	SURVEY E SECTORS 9,10
259 11 03 12	-108	-65.1	SURVEY W-F	259 12 35 00	-69	-5.6	SURVEY E SECTORS 9,10
259 11 03 17	-90	-65.1	SURVEY W-F	259 12 35 05	-63	-5.6	SURVEY E SECTORS 9,10
259 11 03 25	-54	-65.1	SURVEY W-F	259 12 35 09	-57	-5.6	SURVEY E SECTORS 9,10

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
259 12 35 13	-51	-5.6	SURVEY E SECTORS 9,10	259 12 52 08	-12	-0.7	SURVEY E SECTORS 11,12
259 12 35 18	-45	-5.6	SURVEY E SECTORS 9,10	259 12 52 13	-18	-0.7	SURVEY E SECTORS 11,12
259 12 35 23	-39	-5.6	SURVEY E SECTORS 9,10	259 12 52 18	-24	-0.7	SURVEY E SECTORS 11,12
259 12 35 27	-33	-5.6	SURVEY E SECTORS 11,12	259 12 52 21	-27	4.3	SURVEY E SECTORS 11,12
259 12 35 31	-30	-0.7	SURVEY E SECTORS 11,12	259 12 52 26	-21	4.3	SURVEY E SECTORS 11,12
259 12 35 36	-36	-0.7	SURVEY E SECTORS 9,10	259 12 52 31	-15	4.3	SURVEY E SECTORS 11,12
259 12 35 41	-42	-0.7	SURVEY E SECTORS 9,10	259 12 52 36	-9	4.3	SURVEY E SECTORS 11,12
259 12 35 45	-48	-0.7	SURVEY E SECTORS 9,10	259 12 52 39	-3	4.3	SURVEY E SECTORS 11,12
259 12 35 49	-54	-0.7	SURVEY E SECTORS 9,10	259 12 52 44	0	9.3	SURVEY E SECTORS 11,12
259 12 35 54	-60	-0.7	SURVEY E SECTORS 9,10	259 12 52 49	-6	9.3	SURVEY E SECTORS 11,12
259 12 35 59	-66	-0.7	SURVEY E SECTORS 9,10	259 12 52 54	-12	9.3	SURVEY E SECTORS 11,12
259 12 36 03	-69	4.3	SURVEY E SECTORS 9,10	259 12 52 57	-18	9.3	SURVEY E SECTORS 11,12
259 12 36 07	-63	4.3	SURVEY E SECTORS 9,10	259 12 53 02	-24	9.3	SURVEY E SECTORS 11,12
259 12 36 12	-57	4.3	SURVEY E SECTORS 9,10	259 12 53 07	-27	14.4	SURVEY E SECTORS 11,12
259 12 36 17	-51	4.3	SURVEY E SECTORS 9,10	259 12 53 12	-21	14.4	SURVEY E SECTORS 11,12
259 12 36 21	-45	4.3	SURVEY E SECTORS 9,10	259 12 53 15	-15	14.4	SURVEY E SECTORS 11,12
259 12 36 26	-39	4.3	SURVEY E SECTORS 9,10	259 12 53 20	-9	14.4	SURVEY E SECTORS 11,12
259 12 36 30	-33	4.3	SURVEY E SECTORS 11,12	259 12 53 25	-3	14.4	SURVEY E SECTORS 11,12
259 12 37 02	-27	-65.1	SURVEY E SECTORS 11,12	259 12 53 33	0	-65.1	SURVEY E SECTORS 11,12
259 12 41 03	-27	-65.1	SURVEY E SECTORS 11,12	259 12 57 04	3	-65.1	SURVEY E SECTORS 13,14
259 12 44 37	-27	-65.1	SURVEY E SECTORS 11,12	259 12 58 40	9	-65.1	SURVEY E SECTORS 13,14
259 12 44 42	-21	-65.1	SURVEY E SECTORS 11,12	259 12 58 43	15	-65.1	SURVEY E SECTORS 13,14
259 12 44 46	-15	-65.1	SURVEY E SECTORS 11,12	259 12 58 48	21	-65.1	SURVEY E SECTORS 13,14
259 12 44 51	-9	-65.1	SURVEY E SECTORS 11,12	259 12 58 53	27	-65.1	SURVEY E SECTORS 13,14
259 12 44 55	-3	-65.1	SURVEY E SECTORS 11,12	259 12 58 58	30	-60.1	SURVEY E SECTORS 13,14
259 12 45 00	0	-60.1	SURVEY E SECTORS 11,12	259 12 59 02	24	-60.1	SURVEY E SECTORS 13,14
259 12 45 04	-6	-60.1	SURVEY E SECTORS 11,12	259 12 59 06	18	-60.1	SURVEY E SECTORS 13,14
259 12 45 09	-12	-60.1	SURVEY E SECTORS 11,12	259 12 59 11	12	-60.1	SURVEY E SECTORS 13,14
259 12 45 13	-18	-60.1	SURVEY E SECTORS 11,12	259 12 59 16	6	-60.1	SURVEY E SECTORS 13,14
259 12 45 18	-24	-60.1	SURVEY E SECTORS 11,12	259 12 59 19	3	-55.2	SURVEY E SECTORS 13,14
259 12 45 22	-27	-55.2	SURVEY E SECTORS 11,12	259 12 59 24	9	-55.2	SURVEY E SECTORS 13,14
259 12 45 27	-21	-55.2	SURVEY E SECTORS 11,12	259 12 59 29	15	-55.2	SURVEY E SECTORS 13,14
259 12 45 31	-15	-55.2	SURVEY E SECTORS 11,12	259 12 59 33	21	-55.2	SURVEY E SECTORS 13,14
259 12 45 35	-9	-55.2	SURVEY E SECTORS 11,12	259 12 59 37	27	-55.2	SURVEY E SECTORS 13,14
259 12 45 40	-3	-55.2	SURVEY E SECTORS 11,12	259 12 59 42	30	-50.2	SURVEY E SECTORS 13,14
259 12 45 45	0	-50.2	SURVEY E SECTORS 11,12	259 12 59 47	24	-50.2	SURVEY E SECTORS 13,14
259 12 45 49	-6	-50.2	SURVEY E SECTORS 11,12	259 12 59 51	18	-50.2	SURVEY E SECTORS 13,14
259 12 45 53	-12	-50.2	SURVEY E SECTORS 11,12	259 12 59 55	12	-50.2	SURVEY E SECTORS 13,14
259 12 45 58	-18	-50.2	SURVEY E SECTORS 11,12	259 13 00 00	6	-50.2	SURVEY E SECTORS 13,14
259 12 46 03	-24	-50.2	SURVEY E SECTORS 11,12	259 13 00 05	3	-45.3	SURVEY E SECTORS 13,14
259 12 46 07	-27	-45.3	SURVEY E SECTORS 11,12	259 13 00 09	9	-45.3	SURVEY E SECTORS 13,14
259 12 46 11	-21	-45.3	SURVEY E SECTORS 11,12	259 13 00 13	15	-45.3	SURVEY E SECTORS 13,14
259 12 46 16	-15	-45.3	SURVEY E SECTORS 11,12	259 13 00 18	21	-45.3	SURVEY E SECTORS 13,14
259 12 46 21	-9	-45.3	SURVEY E SECTORS 11,12	259 13 00 23	27	-45.3	SURVEY E SECTORS 13,14
259 12 46 25	-3	-45.3	SURVEY E SECTORS 11,12	259 13 00 27	30	-40.3	SURVEY E SECTORS 13,14
259 12 46 29	0	-40.3	SURVEY E SECTORS 11,12	259 13 00 31	24	-40.3	SURVEY E SECTORS 13,14
259 12 46 34	-6	-40.3	SURVEY E SECTORS 11,12	259 13 00 36	18	-40.3	SURVEY E SECTORS 13,14
259 12 46 39	-12	-40.3	SURVEY E SECTORS 11,12	259 13 00 41	12	-40.3	SURVEY E SECTORS 13,14
259 12 46 44	-18	-40.3	SURVEY E SECTORS 11,12	259 13 00 45	6	-40.3	SURVEY E SECTORS 13,14
259 12 46 47	-24	-40.3	SURVEY E SECTORS 11,12	259 13 02 44	6	-40.3	SURVEY E SECTORS 13,14
259 12 47 30	-24	-40.3	SURVEY E SECTORS 11,12	259 13 03 33	3	-35.3	SURVEY E SECTORS 13,14
259 12 48 06	-27	-35.3	SURVEY E SECTORS 11,12	259 13 03 38	9	-35.3	SURVEY E SECTORS 13,14
259 12 48 10	-21	-35.3	SURVEY E SECTORS 11,12	259 13 03 41	15	-35.3	SURVEY E SECTORS 13,14
259 12 48 15	-15	-35.3	SURVEY E SECTORS 11,12	259 13 03 46	21	-35.3	SURVEY E SECTORS 13,14
259 12 48 20	-9	-35.3	SURVEY E SECTORS 11,12	259 13 03 51	27	-35.3	SURVEY E SECTORS 13,14
259 12 48 24	-3	-35.3	SURVEY E SECTORS 11,12	259 13 03 56	30	-30.3	SURVEY E SECTORS 13,14
259 12 48 28	0	-30.3	SURVEY E SECTORS 11,12	259 13 03 59	24	-30.3	SURVEY E SECTORS 13,14
259 12 48 33	-6	-30.3	SURVEY E SECTORS 11,12	259 13 04 04	18	-30.3	SURVEY E SECTORS 13,14
259 12 48 38	-12	-30.3	SURVEY E SECTORS 11,12	259 13 04 09	12	-30.3	SURVEY E SECTORS 13,14
259 12 48 43	-18	-30.3	SURVEY E SECTORS 11,12	259 13 04 14	6	-30.3	SURVEY E SECTORS 13,14
259 12 48 46	-24	-30.3	SURVEY E SECTORS 11,12	259 13 04 17	3	-25.3	SURVEY E SECTORS 13,14
259 12 48 51	-27	-25.3	SURVEY E SECTORS 11,12	259 13 04 22	9	-25.3	SURVEY E SECTORS 13,14
259 12 48 56	-21	-25.3	SURVEY E SECTORS 11,12	259 13 04 27	15	-25.3	SURVEY E SECTORS 13,14
259 12 49 01	-15	-25.3	SURVEY E SECTORS 11,12	259 13 04 32	21	-25.3	SURVEY E SECTORS 13,14
259 12 49 04	-9	-25.3	SURVEY E SECTORS 11,12	259 13 04 35	27	-25.3	SURVEY E SECTORS 13,14
259 12 49 09	-3	-25.3	SURVEY E SECTORS 11,12	259 13 04 40	30	-20.3	SURVEY E SECTORS 13,14
259 12 49 14	0	-20.3	SURVEY E SECTORS 11,12	259 13 04 45	24	-20.3	SURVEY E SECTORS 13,14
259 12 49 19	-6	-20.3	SURVEY E SECTORS 11,12	259 13 04 50	18	-20.3	SURVEY E SECTORS 13,14
259 12 49 22	-12	-20.3	SURVEY E SECTORS 11,12	259 13 04 53	12	-20.3	SURVEY E SECTORS 13,14
259 12 49 27	-18	-20.3	SURVEY E SECTORS 11,12	259 13 04 58	6	-20.3	SURVEY E SECTORS 13,14
259 12 49 32	-24	-20.3	SURVEY E SECTORS 11,12	259 13 05 03	3	-15.3	SURVEY E SECTORS 13,14
259 12 49 37	-27	-15.3	SURVEY E SECTORS 11,12	259 13 05 08	9	-15.3	SURVEY E SECTORS 13,14
259 12 49 41	-21	-15.3	SURVEY E SECTORS 11,12	259 13 05 12	15	-15.3	SURVEY E SECTORS 13,14
259 12 49 46	-15	-15.3	SURVEY E SECTORS 11,12	259 13 05 17	21	-15.3	SURVEY E SECTORS 13,14
259 12 49 50	-9	-15.3	SURVEY E SECTORS 11,12	259 13 05 21	27	-15.3	SURVEY E SECTORS 13,14
259 12 49 55	-3	-15.3	SURVEY E SECTORS 11,12	259 13 05 26	30	-10.6	SURVEY E SECTORS 13,14
259 12 50 41	-3	-15.3	SURVEY E SECTORS 11,12	259 13 05 30	24	-10.6	SURVEY E SECTORS 13,14
259 12 51 13	0	-10.5	SURVEY E SECTORS 11,12	259 13 05 35	18	-10.6	SURVEY E SECTORS 13,14
259 12 51 18	-6	-10.5	SURVEY E SECTORS 11,12	259 13 05 39	12	-10.6	SURVEY E SECTORS 13,14
259 12 51 22	-12	-10.5	SURVEY E SECTORS 11,12	259 13 05 44	6	-10.6	SURVEY E SECTORS 13,14
259 12 51 27	-18	-10.5	SURVEY E SECTORS 11,12	259 13 06 47	6	-10.6	SURVEY E SECTORS 13,14
259 12 51 31	-24	-10.5	SURVEY E SECTORS 11,12	259 13 09 28	3	-5.6	SURVEY E SECTORS 13,14
259 12 51 37	-27	-5.6	SURVEY E SECTORS 11,12	259 13 09 33	9	-5.6	SURVEY E SECTORS 13,14
259 12 51 42	-21	-5.6	SURVEY E SECTORS 11,12	259 13 09 38	15	-5.6	SURVEY E SECTORS 13,14
259 12 51 45	-15	-5.6	SURVEY E SECTORS 11,12	259 13 09 43	21	-5.6	SURVEY E SECTORS 13,14
259 12 51 50	-9	-5.6	SURVEY E SECTORS 11,12	259 13 09 46	27	-5.6	SURVEY E SECTORS 13,14
259 12 51 55	-3	-5.6	SURVEY E SECTORS 11,12	259 13 09 51	30	-0.7	SURVEY E SECTORS 13,14
259 12 52 00	0	-0.7	SURVEY E SECTORS 11,12	259 13 09 56	24	-0.7	SURVEY E SECTORS 13,14
259 12 52 03	-6	-0.7	SURVEY E SECTORS 11,12	259 13 10 01	18	-0.7	SURVEY E SECTORS 13,14

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
259 13 10 04	12	-0.7	SURVEY E SECTORS 13,14	259 13 22 10	36	-10.5	SURVEY E SECTORS 13,14
259 13 10 09	6	-0.7	SURVEY E SECTORS 13,14	259 13 22 59	36	-10.5	SURVEY E SECTORS 13,14
259 13 10 14	3	4.3	SURVEY E SECTORS 13,14	259 13 23 38	33	-5.6	SURVEY E SECTORS 13,14
259 13 10 19	9	4.3	SURVEY E SECTORS 13,14	259 13 23 43	39	-5.6	SURVEY E SECTORS 15,16
259 13 10 23	15	4.3	SURVEY E SECTORS 13,14	259 13 23 47	45	-5.6	SURVEY E SECTORS 15,16
259 13 10 28	21	4.3	SURVEY E SECTORS 13,14	259 13 23 52	51	-5.6	SURVEY E SECTORS 15,16
259 13 10 32	27	4.3	SURVEY E SECTORS 13,14	259 13 23 56	57	-5.6	SURVEY E SECTORS 15,16
259 13 10 37	30	9.3	SURVEY E SECTORS 13,14	259 13 24 01	60	-0.7	SURVEY E SECTORS 15,16
259 13 10 41	24	9.3	SURVEY E SECTORS 13,14	259 13 24 05	54	-0.7	SURVEY E SECTORS 15,16
259 13 10 46	18	9.3	SURVEY E SECTORS 13,14	259 13 24 10	48	-0.7	SURVEY E SECTORS 15,16
259 13 10 50	12	9.3	SURVEY E SECTORS 13,14	259 13 24 14	42	-0.7	SURVEY E SECTORS 15,16
259 13 10 55	6	9.3	SURVEY E SECTORS 13,14	259 13 24 19	36	-0.7	SURVEY E SECTORS 13,14
259 13 10 59	3	14.4	SURVEY E SECTORS 13,14	259 13 24 23	33	4.3	SURVEY E SECTORS 13,14
259 13 11 04	9	14.4	SURVEY E SECTORS 13,14	259 13 24 28	39	4.3	SURVEY E SECTORS 15,16
259 13 11 08	15	14.4	SURVEY E SECTORS 13,14	259 13 24 33	45	4.3	SURVEY E SECTORS 15,16
259 13 11 13	21	14.4	SURVEY E SECTORS 13,14	259 13 24 37	51	4.3	SURVEY E SECTORS 15,16
259 13 11 17	27	14.4	SURVEY E SECTORS 13,14	259 13 24 41	57	4.3	SURVEY E SECTORS 15,16
259 13 11 22	30	19.4	SURVEY E SECTORS 13,14	259 13 24 47	60	9.3	SURVEY E SECTORS 15,16
259 13 11 26	24	19.4	SURVEY E SECTORS 13,14	259 13 24 52	54	9.3	SURVEY E SECTORS 15,16
259 13 11 31	18	19.4	SURVEY E SECTORS 13,14	259 13 24 56	48	9.3	SURVEY E SECTORS 15,16
259 13 11 35	12	19.4	SURVEY E SECTORS 13,14	259 13 25 01	42	9.3	SURVEY E SECTORS 15,16
259 13 11 40	6	19.4	SURVEY E SECTORS 13,14	259 13 25 05	36	9.3	SURVEY E SECTORS 13,14
259 13 11 44	3	24.3	SURVEY E SECTORS 13,14	259 13 25 10	33	14.4	SURVEY E SECTORS 13,14
259 13 11 49	9	24.3	SURVEY E SECTORS 13,14	259 13 25 14	39	14.4	SURVEY E SECTORS 15,16
259 13 11 53	15	24.3	SURVEY E SECTORS 13,14	259 13 25 19	45	14.4	SURVEY E SECTORS 15,16
259 13 11 58	21	24.3	SURVEY E SECTORS 13,14	259 13 25 23	51	14.4	SURVEY E SECTORS 15,16
259 13 12 02	27	24.3	SURVEY E SECTORS 13,14	259 13 25 28	57	14.4	SURVEY E SECTORS 15,16
259 13 12 39	33	-65.1	SURVEY E SECTORS 13,14	259 13 25 32	60	19.4	SURVEY E SECTORS 15,16
259 13 14 04	33	-65.1	SURVEY E SECTORS 13,14	259 13 25 37	54	19.4	SURVEY E SECTORS 15,16
259 13 15 38	33	-65.1	SURVEY E SECTORS 13,14	259 13 25 41	48	19.4	SURVEY E SECTORS 15,16
259 13 15 43	39	-65.1	SURVEY E SECTORS 15,16	259 13 25 46	42	19.4	SURVEY E SECTORS 15,16
259 13 15 47	45	-65.1	SURVEY E SECTORS 15,16	259 13 25 50	36	19.4	SURVEY E SECTORS 13,14
259 13 15 52	51	-65.1	SURVEY E SECTORS 15,16	259 13 25 55	33	24.3	SURVEY E SECTORS 13,14
259 13 15 56	57	-65.1	SURVEY E SECTORS 15,16	259 13 25 59	39	24.3	SURVEY E SECTORS 15,16
259 13 16 01	60	-60.1	SURVEY E SECTORS 15,16	259 13 26 04	45	24.3	SURVEY E SECTORS 15,16
259 13 16 05	54	-60.1	SURVEY E SECTORS 15,16	259 13 26 08	51	24.3	SURVEY E SECTORS 15,16
259 13 16 10	48	-60.1	SURVEY E SECTORS 15,16	259 13 26 13	57	24.3	SURVEY E SECTORS 15,16
259 13 16 14	42	-60.1	SURVEY E SECTORS 15,16	259 13 26 50	63	-65.1	SURVEY E SECTORS 15,16
259 13 16 19	36	-60.1	SURVEY E SECTORS 13,14	259 13 30 32	63	-65.1	SURVEY E SECTORS 15,16
259 13 16 23	33	-55.2	SURVEY E SECTORS 13,14	259 13 31 10	69	-65.1	SURVEY E SECTORS 15,16
259 13 16 27	39	-55.2	SURVEY E SECTORS 15,16	259 13 31 14	75	-65.1	SURVEY E SECTORS 17,18
259 13 16 32	45	-55.2	SURVEY E SECTORS 15,16	259 13 31 19	81	-65.1	SURVEY E SECTORS 17,18
259 13 16 37	51	-55.2	SURVEY E SECTORS 15,16	259 13 31 23	87	-65.1	SURVEY E SECTORS 17,18
259 13 16 42	57	-55.2	SURVEY E SECTORS 15,16	259 13 31 28	93	-65.1	SURVEY E SECTORS 17,18
259 13 16 45	60	-50.2	SURVEY E SECTORS 15,16	259 13 31 32	96	-60.1	SURVEY E SECTORS 17,18
259 13 16 50	54	-50.2	SURVEY E SECTORS 15,16	259 13 31 37	90	-60.1	SURVEY E SECTORS 17,18
259 13 16 55	48	-50.2	SURVEY E SECTORS 15,16	259 13 31 41	84	-60.1	SURVEY E SECTORS 17,18
259 13 16 59	42	-50.2	SURVEY E SECTORS 15,16	259 13 31 46	78	-60.1	SURVEY E SECTORS 17,18
259 13 17 04	36	-50.2	SURVEY E SECTORS 13,14	259 13 31 50	72	-60.1	SURVEY E SECTORS 15,16
259 13 17 08	33	-45.3	SURVEY E SECTORS 13,14	259 13 31 55	66	-60.1	SURVEY E SECTORS 15,16
259 13 17 13	39	-45.3	SURVEY E SECTORS 15,16	259 13 31 59	63	-55.2	SURVEY E SECTORS 15,16
259 13 17 17	45	-45.3	SURVEY E SECTORS 15,16	259 13 32 04	69	-55.2	SURVEY E SECTORS 15,16
259 13 17 22	51	-45.3	SURVEY E SECTORS 15,16	259 13 32 08	75	-55.2	SURVEY E SECTORS 17,18
259 13 17 26	57	-45.3	SURVEY E SECTORS 15,16	259 13 32 13	81	-55.2	SURVEY E SECTORS 17,18
259 13 17 31	60	-40.3	SURVEY E SECTORS 15,16	259 13 32 17	87	-55.2	SURVEY E SECTORS 17,18
259 13 17 36	54	-40.3	SURVEY E SECTORS 15,16	259 13 32 22	93	-55.2	SURVEY E SECTORS 17,18
259 13 17 39	48	-40.3	SURVEY E SECTORS 15,16	259 13 32 26	96	-50.2	SURVEY E SECTORS 17,18
259 13 17 44	42	-40.3	SURVEY E SECTORS 15,16	259 13 32 31	90	-50.2	SURVEY E SECTORS 17,18
259 13 17 49	36	-40.3	SURVEY E SECTORS 13,14	259 13 32 35	84	-50.2	SURVEY E SECTORS 17,18
259 13 18 32	36	-40.3	SURVEY E SECTORS 13,14	259 13 32 40	78	-50.2	SURVEY E SECTORS 17,18
259 13 20 00	33	-35.3	SURVEY E SECTORS 13,14	259 13 32 44	72	-50.2	SURVEY E SECTORS 15,16
259 13 20 03	39	-35.3	SURVEY E SECTORS 15,16	259 13 32 48	66	-50.2	SURVEY E SECTORS 15,16
259 13 20 08	45	-35.3	SURVEY E SECTORS 15,16	259 13 32 53	63	-45.3	SURVEY E SECTORS 15,16
259 13 20 13	51	-35.3	SURVEY E SECTORS 15,16	259 13 32 58	69	-45.3	SURVEY E SECTORS 15,16
259 13 20 18	57	-35.3	SURVEY E SECTORS 15,16	259 13 33 02	75	-45.3	SURVEY E SECTORS 17,18
259 13 20 21	60	-30.3	SURVEY E SECTORS 15,16	259 13 33 07	81	-45.3	SURVEY E SECTORS 17,18
259 13 20 26	54	-30.3	SURVEY E SECTORS 15,16	259 13 33 11	87	-45.3	SURVEY E SECTORS 17,18
259 13 20 31	48	-30.3	SURVEY E SECTORS 15,16	259 13 33 16	93	-45.3	SURVEY E SECTORS 17,18
259 13 20 36	42	-30.3	SURVEY E SECTORS 15,16	259 13 33 20	96	-40.3	SURVEY E SECTORS 17,18
259 13 20 40	36	-30.3	SURVEY E SECTORS 13,14	259 13 33 24	90	-40.3	SURVEY E SECTORS 17,18
259 13 20 44	33	-25.3	SURVEY E SECTORS 13,14	259 13 33 29	84	-40.3	SURVEY E SECTORS 17,18
259 13 20 49	39	-25.3	SURVEY E SECTORS 15,16	259 13 33 34	78	-40.3	SURVEY E SECTORS 17,18
259 13 20 54	45	-25.3	SURVEY E SECTORS 15,16	259 13 33 38	72	-40.3	SURVEY E SECTORS 15,16
259 13 20 57	51	-25.3	SURVEY E SECTORS 15,16	259 13 33 42	66	-40.3	SURVEY E SECTORS 15,16
259 13 21 02	57	-25.3	SURVEY E SECTORS 15,16	259 13 34 17	66	-40.3	SURVEY E SECTORS 15,16
259 13 21 07	60	-20.3	SURVEY E SECTORS 15,16	259 13 34 48	63	-35.3	SURVEY E SECTORS 15,16
259 13 21 12	54	-20.3	SURVEY E SECTORS 15,16	259 13 34 53	69	-35.3	SURVEY E SECTORS 15,16
259 13 21 15	48	-20.3	SURVEY E SECTORS 15,16	259 13 34 57	75	-35.3	SURVEY E SECTORS 17,18
259 13 21 20	42	-20.3	SURVEY E SECTORS 15,16	259 13 35 02	81	-35.3	SURVEY E SECTORS 17,18
259 13 21 25	36	-20.3	SURVEY E SECTORS 13,14	259 13 35 06	87	-35.3	SURVEY E SECTORS 17,18
259 13 21 30	33	-15.3	SURVEY E SECTORS 13,14	259 13 35 11	93	-35.3	SURVEY E SECTORS 17,18
259 13 21 34	39	-15.3	SURVEY E SECTORS 15,16	259 13 35 15	96	-30.3	SURVEY E SECTORS 17,18
259 13 21 38	45	-15.3	SURVEY E SECTORS 15,16	259 13 35 20	90	-30.3	SURVEY E SECTORS 17,18
259 13 21 43	51	-15.3	SURVEY E SECTORS 15,16	259 13 35 24	84	-30.3	SURVEY E SECTORS 17,18
259 13 21 48	57	-15.3	SURVEY E SECTORS 15,16	259 13 35 29	78	-30.3	SURVEY E SECTORS 17,18
259 13 21 52	60	-10.5	SURVEY E SECTORS 15,16	259 13 35 33	72	-30.3	SURVEY E SECTORS 15,16
259 13 21 56	54	-10.5	SURVEY E SECTORS 15,16	259 13 35 38	66	-30.3	SURVEY E SECTORS 15,16
259 13 22 01	48	-10.5	SURVEY E SECTORS 15,16	259 13 35 42	63	-25.3	SURVEY E SECTORS 15,16
259 13 22 06	42	-10.5	SURVEY E SECTORS 15,16	259 13 35 47	69	-25.3	SURVEY E SECTORS 15,16

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
259 13 35 51	75	-25.3	SURVEY E SECTORS 17,18	259 13 46 50	117	-45.3	SURVEY E SECTOR 19
259 13 35 57	87	-25.3	SURVEY E SECTORS 17,18	259 13 46 55	123	-45.3	SURVEY E SECTOR 19
259 13 36 01	93	-25.3	SURVEY E SECTORS 17,18	259 13 46 59	126	-40.3	SURVEY E SECTOR 19
259 13 36 06	96	-20.3	SURVEY E SECTORS 17,18	259 13 47 03	120	-40.3	SURVEY E SECTOR 19
259 13 36 11	90	-20.3	SURVEY E SECTORS 17,18	259 13 47 08	114	-40.3	SURVEY E SECTOR 19
259 13 36 20	84	-20.3	SURVEY E SECTORS 17,18	259 13 47 13	108	-40.3	SURVEY E SECTORS 17,18
259 13 36 23	78	-20.3	SURVEY E SECTORS 17,18	259 13 47 17	102	-40.3	SURVEY E SECTORS 17,18
259 13 36 24	72	-20.3	SURVEY E SECTORS 15,16	259 13 47 24	99	-35.3	SURVEY E SECTORS 17,18
259 13 36 33	66	-20.3	SURVEY E SECTORS 15,16	259 13 47 28	105	-35.3	SURVEY E SECTORS 17,18
259 13 36 36	63	-15.3	SURVEY E SECTORS 15,16	259 13 47 33	111	-35.3	SURVEY E SECTOR 19
259 13 36 41	69	-15.3	SURVEY E SECTORS 15,16	259 13 47 37	117	-35.3	SURVEY E SECTOR 19
259 13 36 42	75	-15.3	SURVEY E SECTORS 17,18	259 13 47 42	123	-35.3	SURVEY E SECTOR 19
259 13 36 47	81	-15.3	SURVEY E SECTORS 17,18	259 13 47 47	126	-30.3	SURVEY E SECTOR 19
259 13 36 51	87	-15.3	SURVEY E SECTORS 17,18	259 13 47 50	120	-30.3	SURVEY E SECTOR 19
259 13 36 59	93	-15.3	SURVEY E SECTORS 17,18	259 13 47 55	114	-30.3	SURVEY E SECTOR 19
259 13 37 04	96	-10.5	SURVEY E SECTORS 17,18	259 13 48 00	108	-30.3	SURVEY E SECTORS 17,18
259 13 37 09	90	-10.5	SURVEY E SECTORS 17,18	259 13 48 04	102	-30.3	SURVEY E SECTORS 17,18
259 13 37 12	84	-10.5	SURVEY E SECTORS 17,18	259 13 48 08	99	-25.3	SURVEY E SECTORS 17,18
259 13 37 17	78	-10.5	SURVEY E SECTORS 17,18	259 13 48 13	105	-25.3	SURVEY E SECTORS 17,18
259 13 37 22	72	-10.5	SURVEY E SECTORS 15,16	259 13 48 19	111	-25.3	SURVEY E SECTOR 19
259 13 37 27	66	-10.5	SURVEY E SECTORS 15,16	259 13 48 22	117	-25.3	SURVEY E SECTOR 19
259 13 38 02	66	-10.5	SURVEY E SECTORS 15,16	259 13 48 26	123	-25.3	SURVEY E SECTOR 19
259 13 39 13	63	-5.6	SURVEY E SECTORS 15,16	259 13 48 31	126	-20.3	SURVEY E SECTOR 19
259 13 39 18	69	-5.6	SURVEY E SECTORS 15,16	259 13 48 36	120	-20.3	SURVEY E SECTOR 19
259 13 39 23	75	-5.6	SURVEY E SECTORS 17,18	259 13 48 40	114	-20.3	SURVEY E SECTOR 19
259 13 39 28	81	-5.6	SURVEY E SECTORS 17,18	259 14 42 13	-63	-60.1	MAGNET (COLOR) F
259 13 39 31	87	-5.6	SURVEY E SECTORS 17,18	259 14 45 45	-63	-60.1	MAGNET (COLOR) F
259 13 39 36	93	-5.6	SURVEY E SECTORS 17,18	259 14 47 02	-63	-60.1	MAGNET (COLOR) F
259 13 39 41	96	-0.7	SURVEY E SECTORS 17,18	259 14 49 46	-63	-60.1	MAGNET (COLOR) F
259 13 39 46	90	-0.7	SURVEY E SECTORS 17,18	259 14 49 58	-63	-60.1	MAGNET (COLOR) F
259 13 39 50	84	-0.7	SURVEY E SECTORS 17,18	259 14 50 47	-63	-60.1	MAGNET (COLOR) F
259 13 39 54	78	-0.7	SURVEY E SECTORS 17,18	259 14 50 57	-63	-60.1	MAGNET (COLOR) F
259 13 39 59	72	-0.7	SURVEY E SECTORS 15,16	259 14 51 08	-63	-60.1	MAGNET (COLOR) F
259 13 40 04	66	-0.7	SURVEY E SECTORS 15,16	259 14 52 22	-63	-60.1	MAGNET (COLOR) F
259 13 40 07	63	4.3	SURVEY E SECTORS 15,16	259 14 52 33	-63	-60.1	MAGNET (COLOR) F
259 13 40 12	69	4.3	SURVEY E SECTORS 15,16	259 14 52 44	-63	-60.1	MAGNET (COLOR) F
259 13 40 17	75	4.3	SURVEY E SECTORS 17,18	259 14 54 12	-63	-60.1	MAGNET (COLOR) F
259 13 40 22	81	4.3	SURVEY E SECTORS 17,18	259 14 54 24	-63	-60.1	MAGNET (COLOR) F
259 13 40 25	87	4.3	SURVEY E SECTORS 17,18	259 14 54 34	-63	-60.1	MAGNET (COLOR) F
259 13 40 30	93	4.3	SURVEY E SECTORS 17,18	259 14 56 48	-60	-60.1	MAGNET (COLOR) F
259 13 40 35	96	9.3	SURVEY E SECTORS 17,18	259 14 57 58	-60	-60.1	MAGNET (COLOR) F
259 13 40 40	90	9.3	SURVEY E SECTORS 17,18	259 15 01 23	-60	-60.1	MAGNET (COLOR) F
259 13 40 45	84	9.3	SURVEY E SECTORS 17,18	259 15 01 24	-60	-60.1	MAGNET (COLOR) F
259 13 40 49	78	9.3	SURVEY E SECTORS 17,18	259 15 01 45	-60	-60.1	MAGNET (COLOR) F
259 13 40 53	72	9.3	SURVEY E SECTORS 15,16	259 15 03 38	-63	-60.1	MAGNET (COLOR) F
259 13 40 58	66	9.3	SURVEY E SECTORS 15,16	259 15 04 13	-63	-60.1	MAGNET (COLOR) F
259 13 41 02	63	14.4	SURVEY E SECTORS 15,16	259 15 08 47	-57	-60.1	MAGNET (COLOR) F
259 13 41 07	69	14.4	SURVEY E SECTORS 15,16	259 15 09 47	-57	-60.1	MAGNET (COLOR) F
259 13 41 11	75	14.4	SURVEY E SECTORS 17,18	259 15 09 58	-57	-60.1	MAGNET (COLOR) F
259 13 41 16	81	14.4	SURVEY E SECTORS 17,18	259 15 10 09	-57	-60.1	MAGNET (COLOR) F
259 13 41 21	87	14.4	SURVEY E SECTORS 17,18	259 15 13 36	-57	-60.1	MAGNET (COLOR) F
259 13 41 25	93	14.4	SURVEY E SECTORS 17,18	259 15 13 47	-57	-60.1	MAGNET (COLOR) F
259 13 41 29	96	19.4	SURVEY E SECTORS 17,18	259 15 13 59	-57	-60.1	MAGNET (COLOR) F
259 13 41 34	90	19.4	SURVEY E SECTORS 17,18	259 15 15 10	-57	-60.1	MAGNET (COLOR) F
259 13 41 39	84	19.4	SURVEY E SECTORS 17,18	259 15 15 21	-57	-60.1	MAGNET (COLOR) F
259 13 41 43	78	19.4	SURVEY E SECTORS 17,18	259 15 15 33	-57	-60.1	MAGNET (COLOR) F
259 13 41 47	72	19.4	SURVEY E SECTORS 15,16	259 15 16 55	-57	-60.1	MAGNET (COLOR) F
259 13 41 52	66	19.4	SURVEY E SECTORS 15,16	259 15 17 06	-57	-60.1	MAGNET (COLOR) F
259 13 41 57	63	24.3	SURVEY E SECTORS 15,16	259 15 17 17	-57	-60.1	MAGNET (COLOR) F
259 13 42 01	69	24.3	SURVEY E SECTORS 15,16	259 15 19 01	-54	-60.1	MAGNET (COLOR) F
259 13 42 05	75	24.3	SURVEY E SECTORS 17,18	259 15 19 11	-54	-60.1	MAGNET (COLOR) F
259 13 42 10	81	24.3	SURVEY E SECTORS 17,18	259 15 19 24	-54	-60.1	MAGNET (COLOR) F
259 13 42 14	87	24.3	SURVEY E SECTORS 17,18	259 15 19 54	-54	-60.1	MAGNET (COLOR) F
259 13 42 17	93	24.3	SURVEY E SECTORS 17,18	259 15 20 05	-54	-60.1	MAGNET (COLOR) F
259 13 42 55	99	-65.1	SURVEY E SECTORS 17,18	259 15 20 15	-54	-60.1	MAGNET (COLOR) F
259 13 44 14	99	-65.1	SURVEY E SECTORS 17,18	259 15 21 16	-54	-60.1	MAGNET (COLOR) F
259 13 45 07	99	-65.1	SURVEY E SECTORS 17,18	259 15 21 27	-54	-60.1	MAGNET (COLOR) F
259 13 45 11	105	-65.1	SURVEY E SECTORS 17,18	259 15 21 38	-54	-60.1	MAGNET (COLOR) F
259 13 45 13	111	-65.1	SURVEY E SECTOR 19	259 15 22 50	-54	-60.1	MAGNET (COLOR) F
259 13 45 20	117	-65.1	SURVEY E SECTOR 19	259 15 23 02	-54	-60.1	MAGNET (COLOR) F
259 13 45 25	123	-65.1	SURVEY E SECTOR 19	259 15 23 12	-54	-60.1	MAGNET (COLOR) F
259 13 45 30	126	-60.1	SURVEY E SECTOR 19	259 15 24 27	-54	-60.1	MAGNET (COLOR) F
259 13 45 33	120	-60.1	SURVEY E SECTOR 19	259 16 19 17	-54	-65.1	SURVEY W-G
259 13 45 38	114	-60.1	SURVEY E SECTOR 19	259 16 24 00	-54	-55.2	SURVEY W-G
259 13 45 43	108	-60.1	SURVEY E SECTORS 17,18	259 16 25 38	-72	-55.2	SURVEY W-G
259 13 45 48	102	-60.1	SURVEY E SECTORS 17,18	259 16 25 44	-72	-40.3	SURVEY W-G
259 13 45 51	99	-55.2	SURVEY E SECTORS 17,18	259 16 25 49	-72	-25.3	SURVEY W-G
259 13 45 57	105	-55.2	SURVEY E SECTORS 17,18	259 16 25 54	-72	-10.5	SURVEY W-G
259 13 46 01	111	-55.2	SURVEY E SECTOR 19	259 16 25 59	-72	4.3	SURVEY W-G
259 13 46 06	117	-55.2	SURVEY E SECTOR 19	259 16 26 02	-72	19.4	SURVEY W-G
259 13 46 09	123	-55.2	SURVEY E SECTOR 19	259 16 26 08	-54	19.4	SURVEY W-G
259 13 46 14	126	-50.2	SURVEY E SECTOR 19	259 16 26 13	-54	4.3	SURVEY W-G
259 13 46 19	120	-50.2	SURVEY E SECTOR 19	259 16 26 17	-54	-10.5	SURVEY W-G
259 13 46 24	114	-50.2	SURVEY E SECTOR 19	259 16 26 22	-54	-25.3	SURVEY W-G
259 13 46 27	108	-50.2	SURVEY E SECTORS 17,18	259 16 26 26	-54	-40.3	SURVEY W-G
259 13 46 32	102	-50.2	SURVEY E SECTORS 17,18	259 16 26 31	-36	-40.3	SURVEY W-G
259 13 46 37	99	-45.3	SURVEY E SECTORS 17,18	259 16 26 36	-36	-25.3	SURVEY W-G
259 13 46 42	105	-45.3	SURVEY E SECTORS 17,18	259 16 26 41	-36	-10.5	SURVEY W-G
259 13 46 46	111	-45.3	SURVEY E SECTOR 19	259 16 26 46	-36	4.3	SURVEY W-G

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
259 16 26 49	-36	19.4	SURVEY W-G	259 16 40 32	0	-25.3	SURVEY W-H
259 16 26 55	-18	19.4	SURVEY W-G	259 16 40 37	0	-10.5	SURVEY W-H
259 16 27 00	-18	4.3	SURVEY W-G	259 16 40 42	0	4.3	SURVEY W-H
259 16 27 05	-18	-10.5	SURVEY W-G	259 16 40 47	0	19.4	SURVEY W-H
259 16 27 08	-18	-25.3	SURVEY W-G	259 16 40 50	0	29.2	SURVEY W-H
259 16 27 13	-18	-40.3	SURVEY W-G	259 16 40 56	18	29.2	SURVEY W-H
259 16 27 20	0	-40.3	SURVEY W-G	259 16 41 01	18	19.4	SURVEY W-H
259 16 27 25	0	-25.3	SURVEY W-G	259 16 41 05	18	4.3	SURVEY W-H
259 16 27 30	0	-10.5	SURVEY W-G	259 16 41 10	18	-10.5	SURVEY W-H
259 16 27 34	0	4.3	SURVEY W-G	259 16 41 14	18	-25.3	SURVEY W-H
259 16 27 39	0	19.4	SURVEY W-G	259 16 41 19	18	-40.3	SURVEY W-H
259 16 27 43	0	34.1	SURVEY W-G	259 16 41 24	36	-40.3	SURVEY W-H
259 16 27 49	18	34.1	SURVEY W-G	259 16 41 29	36	-25.3	SURVEY W-H
259 16 27 54	18	19.4	SURVEY W-G	259 16 41 34	36	-10.5	SURVEY W-H
259 16 27 58	18	4.3	SURVEY W-G	259 16 41 38	36	4.3	SURVEY W-H
259 16 28 03	18	-10.5	SURVEY W-G	259 16 41 42	36	19.4	SURVEY W-H
259 16 28 07	18	-25.3	SURVEY W-G	259 16 41 47	36	29.2	SURVEY W-H
259 16 28 11	18	-40.3	SURVEY W-G	259 16 41 53	54	29.2	SURVEY W-H
259 16 28 17	36	-40.3	SURVEY W-G	259 16 41 56	54	19.4	SURVEY W-H
259 16 29 01	36	-40.3	SURVEY W-G	259 16 42 01	54	4.3	SURVEY W-H
259 16 30 24	36	-25.3	SURVEY W-G	259 16 42 06	54	-10.5	SURVEY W-H
259 16 30 29	36	-10.5	SURVEY W-G	259 16 42 11	54	-25.3	SURVEY W-H
259 16 30 33	36	4.3	SURVEY W-G	259 16 42 14	54	-40.3	SURVEY W-H
259 16 30 38	36	19.4	SURVEY W-G	259 16 42 20	72	-40.3	SURVEY W-H
259 16 30 42	36	34.1	SURVEY W-G	259 16 42 25	72	-25.3	SURVEY W-H
259 16 30 48	54	34.1	SURVEY W-G	259 16 42 29	72	-10.5	SURVEY W-H
259 16 30 52	54	19.4	SURVEY W-G	259 16 42 34	72	4.3	SURVEY W-H
259 16 30 57	54	4.3	SURVEY W-G	259 16 42 38	72	19.4	SURVEY W-H
259 16 31 02	54	-10.5	SURVEY W-G	259 16 42 43	72	29.2	SURVEY W-H
259 16 31 05	54	-25.3	SURVEY W-G	259 16 42 48	90	29.2	SURVEY W-H
259 16 31 10	54	-40.3	SURVEY W-G	259 16 42 53	90	19.4	SURVEY W-H
259 16 31 32	54	-40.3	SURVEY W-G	259 16 42 58	90	4.3	SURVEY W-H
259 16 32 02	72	-40.3	SURVEY W-G	259 16 43 02	90	-10.5	SURVEY W-H
259 16 32 05	72	-25.3	SURVEY W-G	259 16 43 06	90	-25.3	SURVEY W-H
259 16 32 10	72	-10.5	SURVEY W-G	259 16 43 11	90	-40.3	SURVEY W-H
259 16 32 15	72	4.3	SURVEY W-G	259 16 43 18	108	-40.3	SURVEY W-H
259 16 32 20	72	19.4	SURVEY W-G	259 16 43 23	108	-25.3	SURVEY W-H
259 16 32 23	72	34.1	SURVEY W-G	259 16 43 28	108	-10.5	SURVEY W-H
259 16 32 29	90	34.1	SURVEY W-G	259 16 43 32	108	4.3	SURVEY W-H
259 16 32 34	90	19.4	SURVEY W-G	259 16 43 36	108	19.4	SURVEY W-H
259 16 32 38	90	4.3	SURVEY W-G	259 16 43 42	126	19.4	SURVEY W-H
259 16 32 43	90	-10.5	SURVEY W-G	259 16 43 47	126	4.3	SURVEY W-H
259 16 32 47	90	-25.3	SURVEY W-G	259 16 43 50	126	-10.5	SURVEY W-H
259 16 32 52	90	-40.3	SURVEY W-G	259 16 43 55	126	-25.3	SURVEY W-H
259 16 32 59	108	-40.3	SURVEY W-G	259 16 44 00	126	-40.3	SURVEY W-H
259 16 33 04	108	-25.3	SURVEY W-G	259 16 44 06	126	-55.2	SURVEY W-H
259 16 33 08	108	-10.5	SURVEY W-G	259 16 44 11	108	-55.2	SURVEY W-H
259 16 33 13	108	4.3	SURVEY W-G	259 16 44 17	90	-55.2	SURVEY W-H
259 16 33 17	108	19.4	SURVEY W-G	259 16 44 23	72	-55.2	SURVEY W-H
259 16 33 22	126	19.4	SURVEY W-G	259 16 44 28	54	-55.2	SURVEY W-H
259 16 33 27	126	4.3	SURVEY W-G	259 16 44 34	36	-55.2	SURVEY W-H
259 16 33 32	126	-10.5	SURVEY W-G	259 16 44 39	18	-55.2	SURVEY W-H
259 16 33 37	126	-25.3	SURVEY W-G	259 16 44 45	0	-55.2	SURVEY W-H
259 16 33 40	126	-40.3	SURVEY W-G	259 16 44 49	-18	-55.2	SURVEY W-H
259 16 33 46	126	-55.2	SURVEY W-G	259 16 44 55	-36	-55.2	SURVEY W-H
259 16 33 52	108	-55.2	SURVEY W-G	259 16 45 01	-54	-55.2	SURVEY W-H
259 16 33 58	90	-55.2	SURVEY W-G	259 17 18 15	-54	-60.1	SURVEY W-I
259 16 34 03	72	-55.2	SURVEY W-G	259 17 20 02	-72	-60.1	SURVEY W-I
259 16 34 09	54	-55.2	SURVEY W-G	259 17 20 07	-72	-40.3	SURVEY W-I
259 16 34 14	36	-55.2	SURVEY W-G	259 17 20 12	-72	-25.3	SURVEY W-I
259 16 34 20	18	-55.2	SURVEY W-G	259 17 20 16	-72	-10.5	SURVEY W-I
259 16 34 25	0	-55.2	SURVEY W-G	259 17 20 21	-72	4.3	SURVEY W-I
259 16 34 31	-18	-55.2	SURVEY W-G	259 17 20 25	-72	19.4	SURVEY W-I
259 16 34 37	-36	-55.2	SURVEY W-G	259 17 20 31	-54	19.4	SURVEY W-I
259 16 34 42	-54	-55.2	SURVEY W-G	259 17 20 36	-54	4.3	SURVEY W-I
259 16 35 07	-54	-55.2	SURVEY W-G	259 17 20 41	-54	-10.5	SURVEY W-I
259 16 37 02	-54	-55.2	SURVEY W-H	259 17 20 44	-54	-25.3	SURVEY W-I
259 16 38 47	-72	-55.2	SURVEY W-H	259 17 20 49	-54	-40.3	SURVEY W-I
259 16 38 53	-72	-40.3	SURVEY W-H	259 17 20 55	-36	-40.3	SURVEY W-I
259 16 38 56	-72	-25.3	SURVEY W-H	259 17 20 59	-36	-25.3	SURVEY W-I
259 16 39 01	-42	-10.5	SURVEY W-H	259 17 21 03	-36	-10.5	SURVEY W-I
259 16 39 06	-42	4.3	SURVEY W-H	259 17 21 08	-36	4.3	SURVEY W-I
259 16 39 11	-72	19.4	SURVEY W-H	259 17 21 13	-36	19.4	SURVEY W-I
259 16 39 15	-54	19.4	SURVEY W-H	259 17 21 18	-18	19.4	SURVEY W-I
259 16 39 20	-54	4.3	SURVEY W-H	259 17 21 23	-18	4.3	SURVEY W-I
259 16 39 25	-54	-10.5	SURVEY W-H	259 17 21 27	-18	-10.5	SURVEY W-I
259 16 39 30	-54	-25.3	SURVEY W-H	259 17 21 31	-18	-25.3	SURVEY W-I
259 16 39 33	-54	-40.3	SURVEY W-H	259 17 21 36	-18	-40.3	SURVEY W-I
259 16 39 39	-36	-40.3	SURVEY W-H	259 17 21 43	0	-40.3	SURVEY W-I
259 16 39 44	-36	-25.3	SURVEY W-H	259 17 21 48	0	-25.3	SURVEY W-I
259 16 39 48	-36	-10.5	SURVEY W-H	259 17 21 53	0	-10.5	SURVEY W-I
259 16 39 53	-36	4.3	SURVEY W-H	259 17 21 57	0	4.3	SURVEY W-I
259 16 39 58	-36	19.4	SURVEY W-H	259 17 22 01	0	19.4	SURVEY W-I
259 16 40 02	-18	19.4	SURVEY W-H	259 17 22 06	0	29.2	SURVEY W-I
259 16 40 07	-18	4.3	SURVEY W-H	259 17 22 12	18	29.2	SURVEY W-I
259 16 40 12	-18	-10.5	SURVEY W-H	259 17 22 15	18	19.4	SURVEY W-I
259 16 40 17	-18	-25.3	SURVEY W-H	259 17 22 20	18	4.3	SURVEY W-I
259 16 40 20	-18	-40.3	SURVEY W-H	259 17 22 25	18	-10.5	SURVEY W-I
259 16 40 29	0	-40.3	SURVEY W-H	259 17 22 30	18	-25.3	SURVEY W-I

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
259 17 22 34	18	-40.3	SURVEY W-I	260 02 36 06	-30	-50.2	PHOTOMETRY E
259 17 22 40	36	-40.3	SURVEY W-I	260 02 36 30	-30	-50.2	PHOTOMETRY E
259 17 22 44	36	-25.3	SURVEY W-I	260 02 36 38	-30	-50.2	PHOTOMETRY E
259 17 22 48	36	-10.5	SURVEY W-I	260 02 36 43	-24	-50.2	PHOTOMETRY E
259 17 22 53	36	4.3	SURVEY W-I	260 02 36 54	-24	-50.2	PHOTOMETRY E
259 17 22 58	36	19.4	SURVEY W-I	260 02 37 02	-24	-50.2	PHOTOMETRY E
259 17 23 02	36	29.2	SURVEY W-I	260 02 37 19	-15	-55.2	PHOTOMETRY E
259 17 23 07	54	29.2	SURVEY W-I	260 02 37 28	-15	-55.2	PHOTOMETRY E
259 17 23 12	54	19.4	SURVEY W-I	260 02 37 36	-15	-55.2	PHOTOMETRY E
259 17 23 17	54	4.3	SURVEY W-I	260 02 37 46	-9	-55.2	PHOTOMETRY E
259 17 23 20	54	-10.5	SURVEY W-I	260 02 37 54	-9	-55.2	PHOTOMETRY E
259 17 23 25	54	-25.3	SURVEY W-I	260 02 38 02	-9	-55.2	PHOTOMETRY E
259 17 23 30	54	-40.3	SURVEY W-I	260 02 38 13	0	-60.1	PHOTOMETRY E
259 17 23 36	72	-40.3	SURVEY W-I	260 02 38 22	0	-60.1	PHOTOMETRY E
259 17 23 40	72	-25.3	SURVEY W-I	260 02 38 30	0	-60.1	PHOTOMETRY E
259 17 23 44	72	-10.5	SURVEY W-I	260 02 38 40	6	-60.1	PHOTOMETRY E
259 17 23 49	72	4.3	SURVEY W-I	260 02 38 48	6	-60.1	PHOTOMETRY E
259 17 23 53	72	19.4	SURVEY W-I	260 02 38 57	6	-60.1	PHOTOMETRY E
259 17 23 58	72	29.2	SURVEY W-I	260 02 39 05	6	-60.1	PHOTOMETRY E
259 17 24 04	90	29.2	SURVEY W-I	260 02 39 16	6	-60.1	PHOTOMETRY E
259 17 24 08	90	19.4	SURVEY W-I	260 02 39 24	6	-60.1	PHOTOMETRY E
259 17 24 12	90	4.3	SURVEY W-I	260 02 39 35	18	-60.1	PHOTOMETRY E
259 17 24 17	90	-10.5	SURVEY W-I	260 02 39 43	18	-60.1	PHOTOMETRY E
259 17 24 22	90	-25.3	SURVEY W-I	260 02 39 52	18	-60.1	PHOTOMETRY E
259 17 24 27	90	-40.3	SURVEY W-I	260 02 40 02	27	-60.1	PHOTOMETRY E
259 17 24 34	108	-40.3	SURVEY W-I	260 02 40 11	27	-60.1	PHOTOMETRY E
259 17 24 39	108	-25.3	SURVEY W-I	260 02 40 20	27	-60.1	PHOTOMETRY E
259 17 24 42	108	-10.5	SURVEY W-I	260 02 40 29	36	-60.1	PHOTOMETRY E
259 17 24 47	108	4.3	SURVEY W-I	260 02 40 38	36	-60.1	PHOTOMETRY E
259 17 24 52	108	19.4	SURVEY W-I	260 02 40 46	36	-60.1	PHOTOMETRY E
259 17 24 57	126	19.4	SURVEY W-I	260 02 40 56	45	-60.1	PHOTOMETRY E
259 17 25 01	126	4.3	SURVEY W-I	260 02 41 04	45	-60.1	PHOTOMETRY E
259 17 25 06	126	-10.5	SURVEY W-I	260 02 41 14	45	-60.1	PHOTOMETRY E
259 17 25 11	126	-25.3	SURVEY W-I	260 02 41 24	54	-55.2	PHOTOMETRY E
259 17 25 15	126	-55.2	SURVEY W-I	260 02 41 35	54	-55.2	PHOTOMETRY E
259 17 25 21	126	-60.1	SURVEY W-I	260 02 41 45	63	-55.2	PHOTOMETRY E
259 17 25 27	108	-60.1	SURVEY W-I	260 02 41 53	63	-55.2	PHOTOMETRY E
259 17 25 31	90	-60.1	SURVEY W-I	260 02 42 02	63	-55.2	PHOTOMETRY E
259 17 25 37	72	-60.1	SURVEY W-I	260 02 43 09	96	-30.3	PHOTOMETRY E
259 17 25 43	54	-60.1	SURVEY W-I	260 02 43 56	96	-30.3	PHOTOMETRY E
259 17 25 48	36	-60.1	SURVEY W-I	260 02 44 04	96	-30.3	PHOTOMETRY E
259 17 25 54	18	-60.1	SURVEY W-I	260 02 44 13	96	-30.3	PHOTOMETRY E
259 17 25 59	0	-60.1	SURVEY W-I	260 02 44 24	99	-25.3	PHOTOMETRY E
259 17 26 05	-18	-60.1	SURVEY W-I	260 02 44 27	99	-25.3	PHOTOMETRY E
259 17 26 10	-36	-60.1	SURVEY W-I	260 02 44 36	99	-25.3	PHOTOMETRY E
259 17 26 16	-54	-60.1	SURVEY W-I	260 02 44 47	102	-20.3	PHOTOMETRY E
259 17 29 57	36	-50.2	SURVEY W-I	260 02 44 55	102	-20.3	PHOTOMETRY E
259 17 30 03	36	-55.2	SURVEY W-I	260 02 45 03	102	-20.3	PHOTOMETRY E
259 17 30 09	36	-50.2	SURVEY W-I	260 02 45 14	105	-15.3	PHOTOMETRY E
259 17 54 13	36	-55.2	SURVEY W-I	260 02 45 23	105	-15.3	PHOTOMETRY E
260 02 16 28	36	-50.2	MAGNETS G	260 02 45 31	105	-15.3	PHOTOMETRY E
260 02 19 25	-54	-60.1	MAGNETS G	260 02 45 42	108	-10.5	PHOTOMETRY E
260 02 20 43	-54	-60.1	MAGNETS G	260 02 47 31	108	-10.5	PHOTOMETRY E
260 02 22 31	-54	-60.1	MAGNETS G	260 02 47 40	108	-10.5	PHOTOMETRY E
260 02 23 42	-54	-60.1	MAGNETS G	260 02 47 51	111	-5.6	PHOTOMETRY E
260 02 24 17	-54	-60.1	MAGNETS G	260 02 47 59	111	-5.6	PHOTOMETRY E
260 02 25 11	-57	-60.1	MAGNETS G	260 02 48 07	111	-5.6	PHOTOMETRY E
260 02 25 43	-57	-60.1	MAGNETS G	260 02 48 18	114	-0.7	PHOTOMETRY E
260 02 26 15	-57	-60.1	MAGNETS G	260 02 48 27	114	-0.7	PHOTOMETRY E
260 02 28 15	-60	-60.1	MAGNETS G	260 02 48 35	114	-0.7	PHOTOMETRY E
260 02 29 26	-60	-60.1	MAGNETS G	260 02 49 03	75	24.3	PHOTOMETRY E
260 02 30 30	-60	-60.1	PHOTOMETRY E	260 02 49 11	75	24.3	PHOTOMETRY E
260 02 30 39	-60	-60.1	PHOTOMETRY E	260 02 49 19	75	24.3	PHOTOMETRY E
260 02 30 47	-60	-60.1	PHOTOMETRY E	260 02 49 35	72	14.4	PHOTOMETRY E
260 02 31 12	-60	-10.5	PHOTOMETRY E	260 02 49 54	72	14.4	PHOTOMETRY E
260 02 31 21	-60	-10.5	PHOTOMETRY E	260 02 50 03	72	14.4	PHOTOMETRY E
260 02 31 29	-60	-10.5	PHOTOMETRY E	260 02 50 15	69	4.3	PHOTOMETRY E
260 02 31 38	-57	-15.3	PHOTOMETRY E	260 02 50 23	69	4.3	PHOTOMETRY E
260 02 31 46	-57	-15.3	PHOTOMETRY E	260 02 50 32	69	4.3	PHOTOMETRY E
260 02 32 14	-57	-15.3	PHOTOMETRY E	260 02 50 44	66	-5.6	PHOTOMETRY E
260 02 32 28	-57	-15.3	PHOTOMETRY E	260 02 50 52	66	-5.6	PHOTOMETRY E
260 02 32 36	-54	-20.3	PHOTOMETRY E	260 02 51 00	66	-5.6	PHOTOMETRY E
260 02 32 44	-54	-20.3	PHOTOMETRY E	260 02 51 16	51	-5.6	PHOTOMETRY E
260 02 32 53	-54	-20.3	PHOTOMETRY E	260 02 51 39	51	-5.6	PHOTOMETRY E
260 02 33 04	-51	-25.3	PHOTOMETRY E	260 02 51 47	51	-5.6	PHOTOMETRY E
260 02 34 09	-51	-25.3	PHOTOMETRY E	260 02 52 04	51	-5.6	PHOTOMETRY E
260 02 34 16	-51	-25.3	PHOTOMETRY E	260 02 52 12	51	-5.6	PHOTOMETRY E
260 02 34 24	-48	-30.3	PHOTOMETRY E	260 02 52 21	51	-5.6	PHOTOMETRY E
260 02 34 32	-48	-30.3	PHOTOMETRY E	260 02 53 04	51	-5.6	PHOTOMETRY E
260 02 34 39	-48	-30.3	PHOTOMETRY E	260 02 53 12	51	-5.6	PHOTOMETRY E
260 02 34 48	-45	-35.3	PHOTOMETRY E	260 02 53 21	51	-5.6	PHOTOMETRY E
260 02 34 56	-45	-35.3	PHOTOMETRY E	260 02 54 07	51	-5.6	PHOTOMETRY E
260 02 35 03	-45	-35.3	PHOTOMETRY E	260 02 54 16	51	-5.6	PHOTOMETRY E
260 02 35 12	-42	-40.3	PHOTOMETRY E	260 02 54 24	51	-5.6	PHOTOMETRY E
260 02 35 19	-42	-40.3	PHOTOMETRY E	260 02 55 01	60	-10.5	PHOTOMETRY E
260 02 35 27	-42	-40.3	PHOTOMETRY E	260 02 55 10	60	-10.5	PHOTOMETRY E
260 02 35 37	-39	-45.3	PHOTOMETRY E	260 02 55 18	60	-10.5	PHOTOMETRY E
260 02 35 45	-39	-45.3	PHOTOMETRY E	260 02 55 30	57	-20.3	PHOTOMETRY E
260 02 35 53	-39	-45.3	PHOTOMETRY E	260 02 55 39	57	-20.3	PHOTOMETRY E

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
260 02 55 47	57	-20.3	PHOTOMETRY E	260 03 34 26	-60	-60.1	PHOTOMETRY E
260 02 55 59	54	-30.3	PHOTOMETRY E	260 03 34 33	-60	-60.1	PHOTOMETRY E
260 02 56 30	54	-30.3	PHOTOMETRY E	260 03 34 41	-60	-60.1	PHOTOMETRY E
260 02 56 39	54	-30.3	PHOTOMETRY E	260 03 35 24	-60	-60.1	PHOTOMETRY E
260 02 56 57	24	-30.3	PHOTOMETRY E	260 03 35 33	-60	-60.1	PHOTOMETRY E
260 02 57 05	24	-30.3	PHOTOMETRY E	260 03 35 41	-60	-60.1	PHOTOMETRY E
260 02 57 14	24	-30.3	PHOTOMETRY E	260 03 36 31	-60	-60.1	PHOTOMETRY E
260 02 57 24	24	-20.3	PHOTOMETRY E	260 03 36 40	-60	-60.1	PHOTOMETRY E
260 02 57 33	24	-20.3	PHOTOMETRY E	260 03 36 48	-60	-60.1	PHOTOMETRY E
260 03 00 47	24	-20.3	PHOTOMETRY E	261 02 49 41	-60	-60.1	PHOTOMETRY F
260 03 01 02	24	-10.5	PHOTOMETRY E	261 02 51 03	-60	-60.1	PHOTOMETRY F
260 03 01 10	24	-10.5	PHOTOMETRY E	261 02 54 12	-60	-60.1	PHOTOMETRY F
260 03 01 19	24	-10.5	PHOTOMETRY E	261 02 55 10	-60	-60.1	PHOTOMETRY F
260 03 01 29	24	-0.7	PHOTOMETRY E	261 02 56 32	-60	-60.1	PHOTOMETRY F
260 03 01 38	24	-0.7	PHOTOMETRY E	261 02 56 40	-60	-60.1	PHOTOMETRY F
260 03 01 46	24	-0.7	PHOTOMETRY E	261 02 56 48	-60	-60.1	PHOTOMETRY F
260 03 01 57	24	9.3	PHOTOMETRY E	261 02 57 14	-60	-10.5	PHOTOMETRY F
260 03 02 05	24	9.3	PHOTOMETRY E	261 02 57 22	-60	-10.5	PHOTOMETRY F
260 03 02 15	24	9.3	PHOTOMETRY E	261 02 57 31	-60	-10.5	PHOTOMETRY F
260 03 02 27	24	19.4	PHOTOMETRY E	261 02 57 39	-57	-15.3	PHOTOMETRY F
260 03 02 35	24	19.4	PHOTOMETRY E	261 02 57 47	-57	-15.3	PHOTOMETRY F
260 03 02 44	24	19.4	PHOTOMETRY E	261 02 57 56	-57	-15.3	PHOTOMETRY F
260 03 03 09	-21	9.3	PHOTOMETRY E	261 02 58 03	-54	-20.3	PHOTOMETRY F
260 03 04 10	-21	9.3	PHOTOMETRY E	261 02 58 12	-54	-20.3	PHOTOMETRY F
260 03 04 19	-21	9.3	PHOTOMETRY E	261 02 58 21	-54	-20.3	PHOTOMETRY F
260 03 04 29	-18	-0.7	PHOTOMETRY E	261 03 01 20	-51	-25.3	PHOTOMETRY F
260 03 04 38	-18	-0.7	PHOTOMETRY E	261 03 01 27	-51	-25.3	PHOTOMETRY F
260 03 04 47	-18	-0.7	PHOTOMETRY E	261 03 01 34	-51	-25.3	PHOTOMETRY F
260 03 05 01	-15	-10.5	PHOTOMETRY E	261 03 01 41	-48	-30.3	PHOTOMETRY F
260 03 05 09	-15	-10.5	PHOTOMETRY E	261 03 01 50	-48	-30.3	PHOTOMETRY F
260 03 05 17	-15	-10.5	PHOTOMETRY E	261 03 01 58	-48	-30.3	PHOTOMETRY F
260 03 05 29	-9	-20.3	PHOTOMETRY E	261 03 04 02	-48	-30.3	PHOTOMETRY F
260 03 05 38	-9	-20.3	PHOTOMETRY E	261 03 04 08	-48	-30.3	PHOTOMETRY F
260 03 05 51	-9	-20.3	PHOTOMETRY E	261 03 04 14	-48	-30.3	PHOTOMETRY F
260 03 06 02	-6	-30.3	PHOTOMETRY E	261 03 04 26	-48	-30.3	PHOTOMETRY F
260 03 06 10	-6	-30.3	PHOTOMETRY E	261 03 07 24	-48	-30.3	PHOTOMETRY F
260 03 06 19	-6	-30.3	PHOTOMETRY E	261 03 07 30	-48	-30.3	PHOTOMETRY F
260 03 06 31	0	-40.3	PHOTOMETRY E	261 03 07 36	-48	-30.3	PHOTOMETRY F
260 03 06 39	0	-40.3	PHOTOMETRY E	261 03 07 42	-48	-30.3	PHOTOMETRY F
260 03 06 48	0	-40.3	PHOTOMETRY E	261 03 07 48	-48	-30.3	PHOTOMETRY F
260 03 07 53	-105	-30.3	PHOTOMETRY E	261 03 07 54	-48	-30.3	PHOTOMETRY F
260 03 08 05	-105	-30.3	PHOTOMETRY E	261 03 08 00	-48	-30.3	PHOTOMETRY F
260 03 08 14	-105	-30.3	PHOTOMETRY E	261 03 08 06	-48	-30.3	PHOTOMETRY F
260 03 08 29	-99	-40.3	PHOTOMETRY E	261 03 08 12	-48	-30.3	PHOTOMETRY F
260 03 08 38	-99	-40.3	PHOTOMETRY E	261 03 08 18	-48	-30.3	PHOTOMETRY F
260 03 08 46	-99	-40.3	PHOTOMETRY E	261 03 39 57	-48	-30.3	PHOTOMETRY F
260 03 09 01	-93	-50.2	PHOTOMETRY E	261 03 40 55	-45	-35.3	PHOTOMETRY F
260 03 09 09	-93	-50.2	PHOTOMETRY E	261 03 41 02	-45	-35.3	PHOTOMETRY F
260 03 09 17	-93	-50.2	PHOTOMETRY E	261 03 41 10	-45	-35.3	PHOTOMETRY F
260 03 09 28	-87	-55.2	PHOTOMETRY E	261 03 41 18	-42	-40.3	PHOTOMETRY F
260 03 09 38	-87	-55.2	PHOTOMETRY E	261 03 41 26	-42	-40.3	PHOTOMETRY F
260 03 09 46	-87	-55.2	PHOTOMETRY E	261 03 41 34	-42	-40.3	PHOTOMETRY F
260 03 09 57	-78	-60.1	PHOTOMETRY E	261 03 41 43	-39	-45.3	PHOTOMETRY F
260 03 10 53	-78	-60.1	PHOTOMETRY E	261 03 41 52	-39	-45.3	PHOTOMETRY F
260 03 11 02	-78	-60.1	PHOTOMETRY E	261 03 42 00	-39	-45.3	PHOTOMETRY F
260 03 11 47	-153	-40.3	PHOTOMETRY E	261 03 42 13	-30	-50.2	PHOTOMETRY F
260 03 13 33	-216	-55.2	SPECIAL F	261 03 42 21	-30	-50.2	PHOTOMETRY F
260 03 14 12	-216	-55.2	SPECIAL F	261 03 42 30	-30	-50.2	PHOTOMETRY F
260 03 15 18	-216	-55.2	SPECIAL F	261 03 42 35	-24	-50.2	PHOTOMETRY F
260 03 17 47	-201	-45.3	SPECIAL F	261 03 42 45	-24	-50.2	PHOTOMETRY F
260 03 18 26	-201	-45.3	SPECIAL F	261 03 42 54	-24	-50.2	PHOTOMETRY F
260 03 19 28	-204	-45.3	SPECIAL F	261 03 43 11	-15	-55.2	PHOTOMETRY F
260 03 19 54	-207	-45.3	SPECIAL F	261 03 43 28	-15	-55.2	PHOTOMETRY F
260 03 20 20	-210	-45.3	SPECIAL F	261 03 43 37	-9	-55.2	PHOTOMETRY F
260 03 20 53	-213	-45.3	SPECIAL F	261 03 43 46	-9	-55.2	PHOTOMETRY F
260 03 20 57	-216	-45.3	SPECIAL F	261 03 43 54	-9	-55.2	PHOTOMETRY F
260 03 21 02	-216	-50.2	SPECIAL F	261 03 44 05	0	-60.1	PHOTOMETRY F
260 03 21 06	-213	-50.2	SPECIAL F	261 03 44 13	0	-60.1	PHOTOMETRY F
260 03 21 11	-210	-50.2	SPECIAL F	261 03 44 22	0	-60.1	PHOTOMETRY F
260 03 21 16	-204	-50.2	SPECIAL F	261 03 44 31	6	-60.1	PHOTOMETRY F
260 03 21 19	-204	-50.2	SPECIAL F	261 03 44 40	6	-60.1	PHOTOMETRY F
260 03 21 24	-201	-50.2	SPECIAL F	261 03 44 48	6	-60.1	PHOTOMETRY F
260 03 21 29	-201	-55.2	SPECIAL F	261 03 44 57	6	-60.1	PHOTOMETRY F
260 03 21 34	-204	-55.2	SPECIAL F	261 03 45 04	6	-60.1	PHOTOMETRY F
260 03 21 37	-207	-55.2	SPECIAL F	261 03 45 12	6	-60.1	PHOTOMETRY F
260 03 21 42	-210	-55.2	SPECIAL F	261 03 45 22	18	-60.1	PHOTOMETRY F
260 03 21 47	-213	-55.2	SPECIAL F	261 03 45 30	18	-60.1	PHOTOMETRY F
260 03 21 52	-216	-55.2	SPECIAL F	261 03 45 39	18	-60.1	PHOTOMETRY F
260 03 23 37	-156	-40.3	PHOTOMETRY E	261 03 45 50	27	-60.1	PHOTOMETRY F
260 03 30 07	-156	-40.3	PHOTOMETRY E	261 03 45 58	27	-60.1	PHOTOMETRY F
260 03 30 18	-156	-40.3	PHOTOMETRY E	261 03 46 06	27	-60.1	PHOTOMETRY F
260 03 31 08	-156	-30.3	PHOTOMETRY E	261 03 46 16	36	-60.1	PHOTOMETRY F
260 03 31 19	-156	-30.3	PHOTOMETRY E	261 03 46 25	36	-60.1	PHOTOMETRY F
260 03 31 30	-156	-30.3	PHOTOMETRY E	261 03 46 33	36	-60.1	PHOTOMETRY F
260 03 33 03	-60	-60.1	PHOTOMETRY E	261 03 46 44	45	-60.1	PHOTOMETRY F
260 03 33 14	-60	-60.1	PHOTOMETRY E	261 03 46 52	45	-60.1	PHOTOMETRY F
260 03 33 25	-60	-60.1	PHOTOMETRY E	261 03 47 01	45	-60.1	PHOTOMETRY F
260 03 33 59	-60	-60.1	PHOTOMETRY E	261 03 47 12	54	-55.2	PHOTOMETRY F
260 03 34 08	-60	-60.1	PHOTOMETRY E	261 03 48 14	54	-55.2	PHOTOMETRY F

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
261 03 48 23	54	-55.2	PHOTOMETRY F	261 04 20 51	-6	-30.3	PHOTOMETRY F
261 03 48 32	63	-55.2	PHOTOMETRY F	261 04 21 03	0	-40.3	PHOTOMETRY F
261 03 48 41	63	-55.2	PHOTOMETRY F	261 04 21 11	0	-40.3	PHOTOMETRY F
261 03 48 49	63	-55.2	PHOTOMETRY F	261 04 21 20	0	-40.3	PHOTOMETRY F
261 03 50 29	96	-30.3	PHOTOMETRY F	261 04 22 26	-105	-30.3	PHOTOMETRY F
261 03 50 37	96	-30.3	PHOTOMETRY F	261 04 22 32	-105	-30.3	PHOTOMETRY F
261 03 50 57	99	-25.3	PHOTOMETRY F	261 04 22 41	-105	-30.3	PHOTOMETRY F
261 03 51 04	99	-25.3	PHOTOMETRY F	261 04 22 56	-99	-40.3	PHOTOMETRY F
261 03 51 12	99	-25.3	PHOTOMETRY F	261 04 23 04	-99	-40.3	PHOTOMETRY F
261 03 51 22	102	-20.3	PHOTOMETRY F	261 04 23 13	-99	-40.3	PHOTOMETRY F
261 03 51 30	102	-20.3	PHOTOMETRY F	261 04 23 27	-93	-50.2	PHOTOMETRY F
261 03 51 40	102	-20.3	PHOTOMETRY F	261 04 23 37	-93	-50.2	PHOTOMETRY F
261 03 51 51	105	-15.3	PHOTOMETRY F	261 04 23 46	-93	-50.2	PHOTOMETRY F
261 03 51 59	105	-15.3	PHOTOMETRY F	261 04 23 56	-87	-55.2	PHOTOMETRY F
261 03 52 08	105	-15.3	PHOTOMETRY F	261 04 24 04	-87	-55.2	PHOTOMETRY F
261 03 52 18	108	-10.5	PHOTOMETRY F	261 04 24 13	-87	-55.2	PHOTOMETRY F
261 03 52 24	108	-10.5	PHOTOMETRY F	261 04 24 24	-78	-60.1	PHOTOMETRY F
261 03 52 33	108	-10.5	PHOTOMETRY F	261 04 24 31	-78	-60.1	PHOTOMETRY F
261 03 52 44	111	-5.6	PHOTOMETRY F	261 04 24 39	-78	-60.1	PHOTOMETRY F
261 03 52 52	111	-5.6	PHOTOMETRY F	261 04 25 24	-156	-40.3	PHOTOMETRY F
261 03 53 00	111	-5.6	PHOTOMETRY F	261 04 25 32	-156	-40.3	PHOTOMETRY F
261 04 02 25	111	-5.6	PHOTOMETRY F	261 04 25 40	-156	-40.3	PHOTOMETRY F
261 04 02 58	114	-0.7	PHOTOMETRY F	261 04 25 52	-156	-30.3	PHOTOMETRY F
261 04 03 07	114	-0.7	PHOTOMETRY F	261 04 26 01	-156	-30.3	PHOTOMETRY F
261 04 03 15	114	-0.7	PHOTOMETRY F	261 04 26 09	-156	-30.3	PHOTOMETRY F
261 04 03 43	75	24.3	PHOTOMETRY F	261 04 27 08	-60	-60.1	PHOTOMETRY F
261 04 03 51	75	24.3	PHOTOMETRY F	261 04 27 14	-60	-60.1	PHOTOMETRY F
261 04 04 00	75	24.3	PHOTOMETRY F	261 04 27 23	-60	-60.1	PHOTOMETRY F
261 04 04 14	72	14.4	PHOTOMETRY F	261 04 27 39	-60	-60.1	PHOTOMETRY F
261 04 04 21	72	14.4	PHOTOMETRY F	261 04 27 48	-60	-60.1	PHOTOMETRY F
261 04 04 30	72	14.4	PHOTOMETRY F	261 04 27 56	-60	-60.1	PHOTOMETRY F
261 04 04 42	69	4.3	PHOTOMETRY F	261 04 28 38	-60	-60.1	PHOTOMETRY F
261 04 04 50	69	4.3	PHOTOMETRY F	261 04 28 47	-60	-60.1	PHOTOMETRY F
261 04 04 59	69	4.3	PHOTOMETRY F	261 04 28 56	-60	-60.1	PHOTOMETRY F
261 04 05 11	66	-5.6	PHOTOMETRY F	261 04 29 45	-60	-60.1	PHOTOMETRY F
261 04 05 19	66	-5.6	PHOTOMETRY F	261 04 29 54	-60	-60.1	PHOTOMETRY F
261 04 05 28	66	-5.6	PHOTOMETRY F	261 04 30 02	-60	-60.1	PHOTOMETRY F
261 04 05 43	51	-5.6	PHOTOMETRY F	261 04 33 19	-54	-65.1	SURVEY W-J
261 04 05 50	51	-5.6	PHOTOMETRY F	261 04 51 21	-54	-65.1	SURVEY W-J
261 04 05 59	51	-5.6	PHOTOMETRY F	261 04 54 42	-72	-65.1	SURVEY W-J
261 04 06 16	51	-5.6	PHOTOMETRY F	261 04 54 49	-72	-50.2	SURVEY W-J
261 04 06 25	51	-5.6	PHOTOMETRY F	261 04 54 54	-72	-35.3	SURVEY W-J
261 04 06 34	51	-5.6	PHOTOMETRY F	261 04 54 57	-72	-20.3	SURVEY W-J
261 04 07 25	51	-5.6	PHOTOMETRY F	261 04 55 02	-72	-5.6	SURVEY W-J
261 04 07 33	51	-5.6	PHOTOMETRY F	261 04 55 06	-72	9.3	SURVEY W-J
261 04 08 19	51	-5.6	PHOTOMETRY F	261 04 55 12	-54	9.3	SURVEY W-J
261 04 08 28	51	-5.6	PHOTOMETRY F	261 04 55 17	-54	-5.6	SURVEY W-J
261 04 08 36	51	-5.6	PHOTOMETRY F	261 04 55 21	-54	-20.3	SURVEY W-J
261 04 09 03	60	-10.5	PHOTOMETRY F	261 04 55 25	-54	-35.3	SURVEY W-J
261 04 09 11	60	-10.5	PHOTOMETRY F	261 04 55 30	-54	-50.2	SURVEY W-J
261 04 09 19	60	-10.5	PHOTOMETRY F	261 04 55 36	-36	-50.2	SURVEY W-J
261 04 09 32	57	-20.3	PHOTOMETRY F	261 04 55 41	-36	-35.3	SURVEY W-J
261 04 09 40	57	-20.3	PHOTOMETRY F	261 04 55 44	-36	-20.3	SURVEY W-J
261 04 09 48	57	-20.3	PHOTOMETRY F	261 04 55 49	-36	-5.6	SURVEY W-J
261 04 10 00	54	-30.3	PHOTOMETRY F	261 04 55 53	-36	9.3	SURVEY W-J
261 04 10 07	54	-30.3	PHOTOMETRY F	261 04 55 59	-18	9.3	SURVEY W-J
261 04 10 15	54	-30.3	PHOTOMETRY F	261 04 57 18	-18	24.3	SURVEY W-J
261 04 10 33	24	-30.3	PHOTOMETRY F	261 04 58 05	-18	9.3	SURVEY W-J
261 04 10 41	24	-30.3	PHOTOMETRY F	261 04 59 11	-18	-5.6	SURVEY W-J
261 04 10 50	24	-30.3	PHOTOMETRY F	261 04 59 16	-18	-20.3	SURVEY W-J
261 04 11 00	24	-20.3	PHOTOMETRY F	261 04 59 21	-18	-35.3	SURVEY W-J
261 04 11 09	24	-20.3	PHOTOMETRY F	261 04 59 24	-18	-50.2	SURVEY W-J
261 04 11 17	24	-20.3	PHOTOMETRY F	261 04 59 32	0	-50.2	SURVEY W-J
261 04 11 32	24	-10.5	PHOTOMETRY F	261 04 59 36	0	-35.3	SURVEY W-J
261 04 11 40	24	-10.5	PHOTOMETRY F	261 04 59 41	0	-20.3	SURVEY W-J
261 04 11 49	24	-10.5	PHOTOMETRY F	261 04 59 45	0	-5.6	SURVEY W-J
261 04 11 59	24	-0.7	PHOTOMETRY F	261 04 59 50	0	9.3	SURVEY W-J
261 04 12 08	24	-0.7	PHOTOMETRY F	261 04 59 54	0	24.3	SURVEY W-J
261 04 12 16	24	-0.7	PHOTOMETRY F	261 05 00 00	18	24.3	SURVEY W-J
261 04 12 25	24	9.3	PHOTOMETRY F	261 05 00 04	18	9.3	SURVEY W-J
261 04 12 35	24	9.3	PHOTOMETRY F	261 05 00 09	18	-5.6	SURVEY W-J
261 04 12 44	24	9.3	PHOTOMETRY F	261 05 00 13	18	-20.3	SURVEY W-J
261 04 16 18	24	19.4	PHOTOMETRY F	261 05 00 18	18	-35.3	SURVEY W-J
261 04 16 26	24	19.4	PHOTOMETRY F	261 05 00 23	18	-50.2	SURVEY W-J
261 04 16 35	24	19.4	PHOTOMETRY F	261 05 00 28	36	-50.2	SURVEY W-J
261 04 17 00	-21	9.3	PHOTOMETRY F	261 05 00 32	36	-35.3	SURVEY W-J
261 04 17 07	-21	9.3	PHOTOMETRY F	261 05 00 38	36	-20.3	SURVEY W-J
261 04 17 16	-21	9.3	PHOTOMETRY F	261 05 00 41	36	-5.6	SURVEY W-J
261 04 17 28	-18	-0.7	PHOTOMETRY F	261 05 00 46	36	9.3	SURVEY W-J
261 04 17 36	-18	-0.7	PHOTOMETRY F	261 05 00 50	36	24.3	SURVEY W-J
261 04 17 44	-18	-0.7	PHOTOMETRY F	261 05 00 56	54	24.3	SURVEY W-J
261 04 17 58	-15	-10.5	PHOTOMETRY F	261 05 01 01	54	9.3	SURVEY W-J
261 04 18 06	-15	-10.5	PHOTOMETRY F	261 05 01 05	54	-5.6	SURVEY W-J
261 04 18 15	-15	-10.5	PHOTOMETRY F	261 05 01 10	54	-20.3	SURVEY W-J
261 04 18 27	-9	-20.3	PHOTOMETRY F	261 05 01 14	54	-35.3	SURVEY W-J
261 04 20 11	-9	-20.3	PHOTOMETRY F	261 05 01 18	54	-50.2	SURVEY W-J
261 04 20 23	-9	-20.3	PHOTOMETRY F	261 05 01 25	72	-50.2	SURVEY W-J
261 04 20 34	-6	-30.3	PHOTOMETRY F	261 05 01 29	72	-35.3	SURVEY W-J
261 04 20 42	-6	-30.3	PHOTOMETRY F	261 05 01 33	72	-20.3	SURVEY W-J

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
261 05 01 38	72	-5.6	SURVEY W-J	261 05 34 24	-72	-75.3	SPECIAL G
261 05 01 43	72	9.3	SURVEY W-J	261 05 34 52	-78	-75.3	SPECIAL G
261 05 01 46	72	24.3	SURVEY W-J	261 05 35 17	-78	-70.1	SPECIAL G
261 05 01 52	90	24.3	SURVEY W-J	261 05 36 18	-78	-60.1	SPECIAL G
261 05 01 57	90	9.3	SURVEY W-J	261 05 37 01	-84	-60.1	SPECIAL G
261 05 02 02	90	-5.6	SURVEY W-J	261 05 37 24	-90	-60.1	SPECIAL G
261 05 02 05	90	-20.3	SURVEY W-J	261 05 37 53	-96	-60.1	SPECIAL G
261 05 02 10	90	-35.3	SURVEY W-J	261 05 38 39	-93	-65.1	SPECIAL G
261 05 02 15	90	-50.2	SURVEY W-J	261 05 39 06	-87	-65.1	SPECIAL G
261 05 02 22	108	-50.2	SURVEY W-J	261 05 39 34	-81	-65.1	SPECIAL G
261 05 02 26	108	-35.3	SURVEY W-J	261 05 40 05	-75	-70.1	SPECIAL G
261 05 02 31	108	-20.3	SURVEY W-J	261 05 41 32	-72	-70.1	SPECIAL G
261 05 02 35	108	-5.6	SURVEY W-J	261 05 41 35	-66	-70.1	SPECIAL G
261 05 02 40	108	9.3	SURVEY W-J	261 05 41 40	-60	-70.1	SPECIAL G
261 05 02 45	126	9.3	SURVEY W-J	261 05 41 45	-54	-70.1	SPECIAL G
261 05 02 50	126	-5.6	SURVEY W-J	261 05 41 50	-48	-70.1	SPECIAL G
261 05 02 55	126	-20.3	SURVEY W-J	261 05 41 53	-42	-70.1	SPECIAL G
261 05 03 00	126	-35.3	SURVEY W-J	261 05 41 59	-39	-65.1	SPECIAL G
261 05 03 03	126	-50.2	SURVEY W-J	261 05 42 04	-45	-65.1	SPECIAL G
261 05 03 09	126	-65.1	SURVEY W-J	261 05 42 08	-51	-65.1	SPECIAL G
261 05 03 15	108	-65.1	SURVEY W-J	261 05 42 12	-57	-65.1	SPECIAL G
261 05 03 21	90	-65.1	SURVEY W-J	261 05 42 17	-63	-65.1	SPECIAL G
261 05 03 26	72	-65.1	SURVEY W-J	261 05 42 22	-69	-65.1	SPECIAL G
261 05 03 31	54	-65.1	SURVEY W-J	261 05 42 26	-75	-65.1	SPECIAL G
261 05 03 37	36	-65.1	SURVEY W-J	261 05 42 30	-78	-65.1	SPECIAL G
261 05 03 42	18	-65.1	SURVEY W-J	261 05 42 35	-78	-60.1	SPECIAL G
261 05 03 49	0	-65.1	SURVEY W-J	261 05 42 40	-72	-60.1	SPECIAL G
261 05 03 53	-18	-65.1	SURVEY W-J	261 05 42 44	-69	-60.1	SPECIAL G
261 05 03 59	-36	-65.1	SURVEY W-J	261 05 42 48	-66	-60.1	SPECIAL G
261 05 04 04	-54	-65.1	SURVEY W-J	261 05 42 50	-60	-60.1	SPECIAL G
261 05 04 17	-90	-50.2	SURVEY W-J	261 05 42 58	-54	-60.1	SPECIAL G
261 05 04 21	-90	-35.3	SURVEY W-J	261 05 43 03	-48	-60.1	SPECIAL G
261 05 04 25	-90	-20.3	SURVEY W-J	261 05 43 08	-42	-60.1	SPECIAL G
261 05 04 30	-90	-5.6	SURVEY W-J	261 05 43 12	-45	-55.2	SPECIAL G
261 05 04 36	-108	-5.6	SURVEY W-J	261 05 43 16	-51	-55.2	SPECIAL G
261 05 04 40	-108	-20.3	SURVEY W-J	261 05 43 21	-54	-55.2	SPECIAL G
261 05 04 44	-108	-35.3	SURVEY W-J	261 05 43 26	-57	-55.2	SPECIAL G
261 05 05 30	-108	-50.2	SURVEY W-J	261 05 43 30	-60	-55.2	SPECIAL G
261 05 09 09	-126	-50.2	SURVEY W-J	261 05 43 34	-63	-55.2	SPECIAL G
261 05 09 14	-126	-35.3	SURVEY W-J	261 05 43 39	-66	-55.2	SPECIAL G
261 05 09 18	-126	-20.3	SURVEY W-J	261 05 43 44	-69	-55.2	SPECIAL G
261 05 09 23	-126	-5.6	SURVEY W-J	261 05 43 48	-72	-55.2	SPECIAL G
261 05 09 28	-144	-5.6	SURVEY W-J	261 05 43 52	-75	-55.2	SPECIAL G
261 05 09 33	-144	-20.3	SURVEY W-J	261 05 43 57	-72	-50.2	SPECIAL G
261 05 09 37	-144	-35.3	SURVEY W-J	261 05 44 02	-66	-50.2	SPECIAL G
261 05 09 42	-144	-50.2	SURVEY W-J	261 05 44 06	-60	-50.2	SPECIAL G
261 05 09 47	-162	-50.2	SURVEY W-J	261 05 44 10	-54	-50.2	SPECIAL G
261 05 09 52	-162	-35.3	SURVEY W-J	261 05 44 15	-48	-50.2	SPECIAL G
261 05 09 57	-162	-20.3	SURVEY W-J	261 05 46 22	81	-45.3	SPECIAL G
261 05 10 01	-162	-5.6	SURVEY W-J	261 05 47 23	84	-45.3	SPECIAL G
261 05 10 06	-180	-5.6	SURVEY W-J	261 05 47 28	87	-45.3	SPECIAL G
261 05 10 11	-180	-20.3	SURVEY W-J	261 05 47 33	90	-45.3	SPECIAL G
261 05 10 16	-180	-35.3	SURVEY W-J	261 05 47 37	93	-45.3	SPECIAL G
261 05 10 20	-180	-50.2	SURVEY W-J	261 05 47 41	96	-45.3	SPECIAL G
261 05 10 27	-198	-50.2	SURVEY W-J	261 05 47 46	99	-45.3	SPECIAL G
261 05 10 32	-198	-35.3	SURVEY W-J	261 05 47 51	99	-50.2	SPECIAL G
261 05 10 36	-198	-20.3	SURVEY W-J	261 05 47 55	96	-50.2	SPECIAL G
261 05 10 41	-198	-5.6	SURVEY W-J	261 05 47 59	93	-50.2	SPECIAL G
261 05 10 45	-198	9.3	SURVEY W-J	261 05 48 04	90	-50.2	SPECIAL G
261 05 10 52	-216	9.3	SURVEY W-J	261 05 48 09	87	-50.2	SPECIAL G
261 05 10 55	-216	-5.6	SURVEY W-J	261 05 48 13	84	-50.2	SPECIAL G
261 05 11 00	-216	-20.3	SURVEY W-J	261 05 48 17	81	-50.2	SPECIAL G
261 05 11 04	-216	-35.3	SURVEY W-J	261 05 48 22	78	-50.2	SPECIAL G
261 05 11 09	-216	-50.2	SURVEY W-J	261 05 48 27	75	-50.2	SPECIAL G
261 05 11 15	-216	-65.1	SURVEY W-J	261 05 48 34	90	-55.2	SPECIAL G
261 05 11 20	-198	-65.1	SURVEY W-J	261 05 48 39	93	-55.2	SPECIAL G
261 05 11 26	-180	-65.1	SURVEY W-J	261 05 48 43	96	-55.2	SPECIAL G
261 05 11 32	-162	-65.1	SURVEY W-J	261 05 48 47	99	-55.2	SPECIAL G
261 05 11 37	-144	-65.1	SURVEY W-J	261 05 49 31	126	-25.3	SPECIAL G
261 05 11 42	-126	-65.1	SURVEY W-J	261 06 16 29	126	-20.3	SPECIAL G
261 05 11 48	-108	-65.1	SURVEY W-J	261 06 17 18	129	-20.3	SPECIAL G
261 05 11 54	-90	-65.1	SURVEY W-J	261 06 17 24	129	-15.3	SPECIAL G
261 05 14 30	-54	-65.1	SURVEY W-J	261 06 17 29	126	-15.3	SPECIAL G
261 05 15 56	-126	-70.1	SURVEY W-J	261 06 17 34	126	-10.5	SPECIAL G
261 05 16 02	-108	-70.1	SURVEY W-J	261 06 17 39	126	-10.5	SPECIAL G
261 05 16 06	-90	-70.1	SURVEY W-J	261 06 18 29	87	-10.5	SPECIAL G
261 05 16 15	-54	-70.1	SURVEY W-J	261 06 19 11	87	-10.5	SPECIAL G
261 05 28 47	-66	-60.1	SPECIAL G	261 06 19 38	81	-10.5	SPECIAL G
261 05 28 53	-60	-60.1	SPECIAL G	261 06 19 41	75	-10.5	SPECIAL G
261 05 29 34	-54	-60.1	SPECIAL G	261 06 19 46	69	-10.5	SPECIAL G
261 05 29 38	-57	-55.2	SPECIAL G	261 06 19 51	72	-15.3	SPECIAL G
261 05 29 42	-63	-55.2	SPECIAL G	261 06 19 56	75	-15.3	SPECIAL G
261 05 29 47	-66	-60.1	SPECIAL G	261 06 19 59	78	-15.3	SPECIAL G
261 05 31 06	-54	-65.1	SPECIAL G	261 06 20 04	81	-15.3	SPECIAL G
261 05 31 57	-54	-55.2	SPECIAL G	261 06 20 09	84	-15.3	SPECIAL G
261 05 32 02	-66	-55.2	SPECIAL G	261 06 20 14	81	-20.3	SPECIAL G
261 05 32 06	-66	-65.1	SPECIAL G	261 06 20 19	78	-20.3	SPECIAL G
261 05 32 45	-75	-70.1	SPECIAL G	261 06 20 22	75	-20.3	SPECIAL G
261 05 33 59	-72	-70.1	SPECIAL G	261 06 20 27	72	-20.3	SPECIAL G

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
261 06 20 32	69	-20.3	SPECIAL G	261 07 15 48	-90	-5.6	SURVEY W-K
261 06 21 43	84	-25.3	SPECIAL G	261 07 15 54	-108	-5.6	SURVEY W-K
261 06 22 15	78	-25.3	SPECIAL G	261 07 15 57	-108	-20.3	SURVEY W-K
261 06 22 48	72	-25.3	SPECIAL G	261 07 16 02	-108	-35.3	SURVEY W-K
261 06 23 30	66	-25.3	SPECIAL G	261 07 16 07	-108	-50.2	SURVEY W-K
261 06 24 22	69	-20.3	SPECIAL G	261 07 16 13	-126	-50.2	SURVEY W-K
261 06 24 55	75	-20.3	SPECIAL G	261 07 16 17	-126	-35.3	SURVEY W-K
261 06 25 22	81	-20.3	SPECIAL G	261 07 16 22	-126	-20.3	SURVEY W-K
261 06 25 28	78	-15.3	SPECIAL G	261 07 16 26	-126	-5.6	SURVEY W-K
261 06 26 13	51	-0.7	SPECIAL G	261 07 16 31	-144	-5.6	SURVEY W-K
261 06 27 52	-216	-10.5	SPECIAL G	261 07 16 36	-144	-20.3	SURVEY W-K
261 06 36 32	-216	-10.5	SPECIAL G	261 07 16 41	-144	-35.3	SURVEY W-K
261 06 36 38	-216	-10.5	SPECIAL G	261 07 16 46	-144	-50.2	SURVEY W-K
261 06 36 44	-216	-10.5	SPECIAL G	261 07 16 50	-162	-50.2	SURVEY W-K
261 06 36 50	-216	-10.5	SPECIAL G	261 07 16 55	-162	-35.3	SURVEY W-K
261 06 36 56	-216	-10.5	SPECIAL G	261 07 17 00	-162	-20.3	SURVEY W-K
261 06 39 41	-219	-10.5	SPECIAL G	261 07 17 04	-162	-5.6	SURVEY W-K
261 06 39 50	-219	-15.3	SPECIAL G	261 07 17 09	-180	-5.6	SURVEY W-K
261 06 39 55	-216	-15.3	SPECIAL G	261 07 17 14	-180	-20.3	SURVEY W-K
261 06 40 00	-216	-20.3	SPECIAL G	261 07 17 19	-180	-35.3	SURVEY W-K
261 06 40 05	-219	-20.3	SPECIAL G	261 07 17 23	-180	-50.2	SURVEY W-K
261 06 40 42	-210	-40.3	SPECIAL G	261 07 17 31	-198	-50.2	SURVEY W-K
261 06 41 17	-201	-40.3	SPECIAL G	261 07 17 35	-198	-35.3	SURVEY W-K
261 06 41 53	-204	-40.3	SPECIAL G	261 07 17 40	-198	-20.3	SURVEY W-K
261 06 42 29	-207	-40.3	SPECIAL G	261 07 17 44	-198	-5.6	SURVEY W-K
261 06 43 30	-213	-40.3	SPECIAL G	261 07 17 49	-198	9.3	SURVEY W-K
261 06 43 35	-216	-40.3	SPECIAL G	261 07 17 54	-216	9.3	SURVEY W-K
261 06 43 39	-216	-45.3	SPECIAL G	261 07 17 59	-216	-5.6	SURVEY W-K
261 06 43 43	-213	-45.3	SPECIAL G	261 07 18 04	-216	-20.3	SURVEY W-K
261 06 43 48	-210	-45.3	SPECIAL G	261 07 18 07	-216	-35.3	SURVEY W-K
261 06 43 53	-207	-45.3	SPECIAL G	261 07 18 12	-216	-50.2	SURVEY W-K
261 06 43 57	-204	-45.3	SPECIAL G	261 07 18 18	-216	-65.1	SURVEY W-K
261 06 44 02	-201	-45.3	SPECIAL G	261 07 18 24	-198	-65.1	SURVEY W-K
261 06 44 07	-201	-50.2	SPECIAL G	261 07 18 29	-180	-65.1	SURVEY W-K
261 06 44 11	-204	-50.2	SPECIAL G	261 07 18 35	-162	-65.1	SURVEY W-K
261 06 44 15	-207	-50.2	SPECIAL G	261 07 18 40	-144	-65.1	SURVEY W-K
261 06 44 19	-210	-50.2	SPECIAL G	261 07 18 46	-126	-65.1	SURVEY W-K
261 06 44 24	-213	-50.2	SPECIAL G	261 07 18 52	-108	-65.1	SURVEY W-K
261 06 44 29	-216	-50.2	SPECIAL G	261 07 18 56	-90	-65.1	SURVEY W-K
261 06 45 36	-174	-45.3	SPECIAL G	261 07 19 05	-54	-65.1	SURVEY W-K
261 06 46 33	-171	-45.3	SPECIAL G	261 07 20 04	-54	-65.1	SURVEY W-L
261 06 46 59	-168	-45.3	SPECIAL G	261 07 21 48	-90	-50.2	SURVEY W-L
261 06 47 05	-174	-40.3	SPECIAL G	261 07 21 53	-90	-35.3	SURVEY W-L
261 06 47 10	-168	-40.3	SPECIAL G	261 07 21 56	-90	-20.3	SURVEY W-L
261 06 47 15	-162	-40.3	SPECIAL G	261 07 22 01	-90	-5.6	SURVEY W-L
261 06 47 20	-156	-40.3	SPECIAL G	261 07 22 07	-108	-5.6	SURVEY W-L
261 06 47 23	-150	-40.3	SPECIAL G	261 07 22 12	-108	-20.3	SURVEY W-L
261 06 47 29	-153	-35.3	SPECIAL G	261 07 22 16	-108	-35.3	SURVEY W-L
261 06 47 33	-159	-35.3	SPECIAL G	261 07 22 20	-108	-50.2	SURVEY W-L
261 06 47 38	-165	-35.3	SPECIAL G	261 07 22 26	-126	-50.2	SURVEY W-L
261 06 47 42	-171	-35.3	SPECIAL G	261 07 22 30	-126	-35.3	SURVEY W-L
261 06 47 47	-177	-35.3	SPECIAL G	261 07 22 35	-126	-20.3	SURVEY W-L
261 06 47 53	-180	-30.3	SPECIAL G	261 07 22 40	-126	-5.6	SURVEY W-L
261 06 47 57	-174	-30.3	SPECIAL G	261 07 22 44	-144	-5.6	SURVEY W-L
261 06 48 02	-168	-30.3	SPECIAL G	261 07 22 49	-144	-20.3	SURVEY W-L
261 06 49 27	-54	-60.1	SPECIAL G	261 07 22 54	-144	-35.3	SURVEY W-L
261 06 51 48	-57	-55.2	MAGNETS H	261 07 22 59	-144	-50.2	SURVEY W-L
261 06 53 11	-57	-55.2	MAGNETS H	261 07 23 04	-162	-50.2	SURVEY W-L
261 06 54 02	-57	-60.1	MAGNETS H	261 07 23 08	-162	-35.3	SURVEY W-L
261 06 57 53	-195	-80.3	MIRROR G	261 07 23 13	-162	-20.3	SURVEY W-L
261 06 59 44	-195	-80.3	MIRROR G	261 07 23 18	-162	-5.6	SURVEY W-L
261 07 00 22	-180	-80.3	MIRROR G	261 07 23 23	-180	-5.6	SURVEY W-L
261 07 00 27	-207	-80.3	MIRROR G	261 07 23 28	-180	-20.3	SURVEY W-L
261 07 00 31	-213	-80.3	MIRROR G	261 07 23 32	-180	-35.3	SURVEY W-L
261 07 03 32	-213	-40.3	MIRROR G	261 07 23 36	-180	-50.2	SURVEY W-L
261 07 05 29	-213	-40.3	MIRROR G	261 07 23 44	-198	-50.2	SURVEY W-L
261 07 06 01	-213	-40.3	MIRROR G	261 07 23 48	-198	-35.3	SURVEY W-L
261 07 06 05	-213	-35.3	MIRROR G	261 07 23 53	-198	-20.3	SURVEY W-L
261 07 06 09	-210	-35.3	MIRROR G	261 07 23 58	-198	-5.6	SURVEY W-L
261 07 06 14	-206	-35.3	MIRROR G	261 07 24 02	-198	9.3	SURVEY W-L
261 07 06 19	-204	-35.3	MIRROR G	261 07 24 07	-216	9.3	SURVEY W-L
261 07 06 23	-201	-35.3	MIRROR G	261 07 24 12	-216	-5.6	SURVEY W-L
261 07 06 27	-198	-40.3	MIRROR G	261 07 24 17	-216	-20.3	SURVEY W-L
261 07 06 57	-201	-40.3	MIRROR G	261 07 24 20	-216	-35.3	SURVEY W-L
261 07 07 07	-204	-40.3	MIRROR G	261 07 24 25	-216	-50.2	SURVEY W-L
261 07 07 13	-207	-40.3	MIRROR G	261 07 24 31	-216	-65.1	SURVEY W-L
261 07 07 20	-210	-40.3	MIRROR G	261 07 24 37	-198	-65.1	SURVEY W-L
261 07 07 25	-210	-45.3	MIRROR G	261 07 24 42	-180	-65.1	SURVEY W-L
261 07 07 30	-207	-45.3	MIRROR G	261 07 24 48	-162	-65.1	SURVEY W-L
261 07 07 35	-204	-45.3	MIRROR G	261 07 24 53	-144	-65.1	SURVEY W-L
261 07 07 39	-201	-45.3	MIRROR G	261 07 24 59	-126	-65.1	SURVEY W-L
261 07 07 43	-198	-45.3	MIRROR G	261 07 25 05	-108	-65.1	SURVEY W-L
261 07 07 48	-195	-45.3	MIRROR G	261 07 25 10	-90	-65.1	SURVEY W-L
261 07 08 53	-60	-45.3	MIRROR G	261 07 25 18	-54	-65.1	SURVEY W-L
261 07 10 21	-54	-60.1	MIRROR G	261 07 25 54	-54	-65.1	SURVEY W-M
261 07 14 48	-54	-65.1	SURVEY W-K	261 07 27 20	-90	-50.2	SURVEY W-M
261 07 15 35	-90	-50.2	SURVEY W-K	261 07 27 25	-90	-35.3	SURVEY W-M
261 07 15 39	-90	-35.3	SURVEY W-K	261 07 27 30	-90	-20.3	SURVEY W-M
261 07 15 43	-90	-20.3	SURVEY W-K	261 07 27 35	-90	-5.6	SURVEY W-M

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
261 07 27 40	-108	-5.6	SURVEY W-M	261 15 25 23	102	14.4	SOLAR GLARE TEST B
261 07 27 44	-108	-20.3	SURVEY W-M	261 15 25 35	102	14.4	SOLAR GLARE TEST B
261 07 27 49	-108	-35.3	SURVEY W-M	261 15 25 47	102	14.4	SOLAR GLARE TEST B
261 07 27 53	-108	-50.2	SURVEY W-M	261 15 26 34	108	14.4	SOLAR GLARE TEST B
261 07 27 59	-126	-50.2	SURVEY W-M	261 15 26 50	108	14.4	SOLAR GLARE TEST B
261 07 28 04	-126	-35.3	SURVEY W-M	261 15 27 08	108	14.4	SOLAR GLARE TEST B
261 07 28 09	-126	-20.3	SURVEY W-M	261 15 28 03	114	14.4	SOLAR GLARE TEST B
261 07 28 12	-126	-5.6	SURVEY W-M	261 15 28 14	114	14.4	SOLAR GLARE TEST B
261 07 28 18	-144	-5.6	SURVEY W-M	261 15 28 26	114	14.4	SOLAR GLARE TEST B
261 07 28 23	-144	-20.3	SURVEY W-M	261 15 30 01	120	14.4	SOLAR GLARE TEST B
261 07 28 26	-144	-35.3	SURVEY W-M	261 15 30 13	120	14.4	SOLAR GLARE TEST B
261 07 28 31	-144	-50.2	SURVEY W-M	261 15 30 25	120	14.4	SOLAR GLARE TEST B
261 07 28 37	-162	-50.2	SURVEY W-M	261 15 31 03	117	9.3	SOLAR GLARE TEST B
261 07 28 41	-162	-35.3	SURVEY W-M	261 15 31 15	117	9.3	SOLAR GLARE TEST B
261 07 28 46	-162	-20.3	SURVEY W-M	261 15 31 27	117	9.3	SOLAR GLARE TEST B
261 07 28 50	-162	-5.6	SURVEY W-M	261 15 32 02	111	9.3	SOLAR GLARE TEST B
261 07 28 57	-180	-5.6	SURVEY W-M	261 15 32 14	111	9.3	SOLAR GLARE TEST B
261 07 29 00	-180	-20.3	SURVEY W-M	261 15 32 26	111	9.3	SOLAR GLARE TEST B
261 07 29 05	-180	-35.3	SURVEY W-M	261 15 33 31	120	4.3	SOLAR GLARE TEST B
261 07 29 10	-180	-50.2	SURVEY W-M	261 15 33 43	117	4.3	SOLAR GLARE TEST B
261 07 29 17	-198	-50.2	SURVEY W-M	261 15 34 05	135	4.3	SOLAR GLARE TEST B
261 07 29 22	-198	-35.3	SURVEY W-M	261 15 39 14	120	4.3	SOLAR GLARE TEST B
261 07 29 26	-198	-20.3	SURVEY W-M	262 03 25 39	120	4.3	STARS E
261 07 29 30	-198	-5.6	SURVEY W-M	262 03 27 54	120	4.3	STARS E
261 07 29 35	-198	9.3	SURVEY W-M	262 03 29 56	-12	24.3	STARS E
261 07 29 41	-216	9.3	SURVEY W-M	262 03 36 07	-12	24.3	STARS E
261 07 29 44	-216	-5.6	SURVEY W-M	262 03 39 50	-12	24.3	STARS E
261 07 29 49	-216	-20.3	SURVEY W-M	262 03 42 54	-9	24.3	STARS E
261 07 29 54	-216	-35.3	SURVEY W-M	262 03 43 05	-9	24.3	STARS E
261 07 29 59	-216	-50.2	SURVEY W-M	262 03 44 18	-9	24.3	STARS E
261 07 30 05	-216	-65.1	SURVEY W-M	262 03 44 30	-9	24.3	STARS E
261 07 30 10	-198	-65.1	SURVEY W-M	262 03 45 22	-12	24.3	STARS E
261 07 30 16	-180	-65.1	SURVEY W-M	262 03 45 34	-12	24.3	STARS E
261 07 30 21	-162	-65.1	SURVEY W-M	262 03 46 04	-15	24.3	STARS E
261 07 30 27	-144	-65.1	SURVEY W-M	262 03 46 15	-15	24.3	STARS E
261 07 30 33	-126	-65.1	SURVEY W-M	262 03 47 02	-15	24.3	STARS E
261 07 30 37	-108	-65.1	SURVEY W-M	262 03 47 14	-15	24.3	STARS E
261 07 30 43	-90	-65.1	SURVEY W-M	262 03 48 15	-15	29.2	STARS E
261 07 31 02	-54	-65.1	SURVEY W-M	262 03 48 25	-15	29.2	STARS E
261 07 35 23	117	9.3	SOLAR GLARE TEST A	262 03 49 09	-15	29.2	STARS E
261 07 36 33	117	9.3	SOLAR GLARE TEST A	262 03 49 21	-15	29.2	STARS E
261 07 37 55	117	9.3	SOLAR GLARE TEST A	262 03 51 29	-15	29.2	STARS E
261 07 38 06	117	9.3	SOLAR GLARE TEST A	262 03 55 30	-60	-55.2	PHOTOMETRY G
261 07 38 55	117	9.3	SOLAR GLARE TEST A	262 03 56 28	-60	-60.1	PHOTOMETRY G
261 07 39 06	117	9.3	SOLAR GLARE TEST A	262 03 57 52	-60	-60.1	PHOTOMETRY G
261 07 39 50	117	9.3	SOLAR GLARE TEST A	262 03 58 47	-60	-60.1	PHOTOMETRY G
261 07 40 01	117	9.3	SOLAR GLARE TEST A	262 03 58 56	-60	-60.1	PHOTOMETRY G
261 07 41 34	117	9.3	SOLAR GLARE TEST A	262 03 59 04	-60	-60.1	PHOTOMETRY G
261 07 41 45	117	9.3	SOLAR GLARE TEST A	262 03 59 31	-60	-10.5	PHOTOMETRY G
261 07 48 33	114	14.4	SOLAR GLARE TEST A	262 03 59 39	-60	-10.5	PHOTOMETRY G
261 07 48 44	114	14.4	SOLAR GLARE TEST A	262 03 59 48	-60	-10.5	PHOTOMETRY G
261 07 48 55	114	14.4	SOLAR GLARE TEST A	262 03 59 55	-57	-15.3	PHOTOMETRY G
261 07 49 33	111	19.4	SOLAR GLARE TEST A	262 04 00 38	-57	-15.3	PHOTOMETRY G
261 07 49 44	111	19.4	SOLAR GLARE TEST A	262 04 00 56	-57	-15.3	PHOTOMETRY G
261 07 49 55	111	19.4	SOLAR GLARE TEST A	262 04 01 05	-57	-15.3	PHOTOMETRY G
261 07 50 40	111	19.4	SOLAR GLARE TEST A	262 04 01 13	-54	-20.3	PHOTOMETRY G
261 07 50 51	111	19.4	SOLAR GLARE TEST A	262 04 01 22	-54	-20.3	PHOTOMETRY G
261 07 51 37	105	19.4	SOLAR GLARE TEST A	262 04 01 30	-54	-20.3	PHOTOMETRY G
261 07 51 52	105	19.4	SOLAR GLARE TEST A	262 04 01 41	-51	-25.3	PHOTOMETRY G
261 07 52 22	102	14.4	SOLAR GLARE TEST A	262 04 01 47	-51	-25.3	PHOTOMETRY G
261 07 52 33	102	14.4	SOLAR GLARE TEST A	262 04 01 55	-51	-25.3	PHOTOMETRY G
261 07 53 06	108	14.4	SOLAR GLARE TEST A	262 04 02 03	-48	-30.3	PHOTOMETRY G
261 07 53 16	108	14.4	SOLAR GLARE TEST A	262 04 02 33	-48	-30.3	PHOTOMETRY G
261 07 53 48	114	14.4	SOLAR GLARE TEST A	262 04 02 51	-48	-30.3	PHOTOMETRY G
261 07 53 58	114	14.4	SOLAR GLARE TEST A	262 04 02 58	-48	-30.3	PHOTOMETRY G
261 07 54 42	120	14.4	SOLAR GLARE TEST A	262 04 03 07	-45	-35.3	PHOTOMETRY G
261 07 54 52	120	14.4	SOLAR GLARE TEST A	262 04 03 14	-45	-35.3	PHOTOMETRY G
261 07 55 28	117	9.3	SOLAR GLARE TEST A	262 04 03 22	-45	-35.3	PHOTOMETRY G
261 07 55 39	117	9.3	SOLAR GLARE TEST A	262 04 03 29	-42	-40.3	PHOTOMETRY G
261 07 56 08	111	9.3	SOLAR GLARE TEST A	262 04 03 38	-42	-40.3	PHOTOMETRY G
261 07 56 19	111	9.3	SOLAR GLARE TEST A	262 04 03 46	-42	-40.3	PHOTOMETRY G
261 07 57 07	120	4.3	SOLAR GLARE TEST A	262 04 03 55	-39	-45.3	PHOTOMETRY G
261 07 57 17	120	4.3	SOLAR GLARE TEST A	262 04 04 03	-39	-45.3	PHOTOMETRY G
261 08 01 16	117	9.3	SOLAR GLARE TEST A	262 04 04 12	-39	-45.3	PHOTOMETRY G
261 15 09 59	117	9.3	SOLAR GLARE TEST B	262 04 04 25	-30	-50.2	PHOTOMETRY G
261 15 17 01	117	9.3	SOLAR GLARE TEST B	262 04 04 31	-30	-50.2	PHOTOMETRY G
261 15 19 08	117	9.3	SOLAR GLARE TEST B	262 04 04 39	-30	-50.2	PHOTOMETRY G
261 15 20 09	114	14.4	SOLAR GLARE TEST B	262 04 04 45	-24	-50.2	PHOTOMETRY G
261 15 20 20	114	14.4	SOLAR GLARE TEST B	262 04 04 56	-24	-50.2	PHOTOMETRY G
261 15 20 31	114	14.4	SOLAR GLARE TEST B	262 04 05 03	-24	-50.2	PHOTOMETRY G
261 15 21 33	111	19.4	SOLAR GLARE TEST B	262 04 05 20	-15	-55.2	PHOTOMETRY G
261 15 21 43	111	19.4	SOLAR GLARE TEST B	262 04 05 29	-15	-55.2	PHOTOMETRY G
261 15 21 55	111	19.4	SOLAR GLARE TEST B	262 04 05 38	-15	-55.2	PHOTOMETRY G
261 15 22 42	111	19.4	SOLAR GLARE TEST B	262 04 05 47	-9	-55.2	PHOTOMETRY G
261 15 22 54	111	19.4	SOLAR GLARE TEST B	262 04 05 55	-9	-55.2	PHOTOMETRY G
261 15 23 29	111	19.4	SOLAR GLARE TEST B	262 04 06 05	-9	-55.2	PHOTOMETRY G
261 15 24 16	105	19.4	SOLAR GLARE TEST B	262 04 06 16	0	-60.1	PHOTOMETRY G
261 15 24 28	105	19.4	SOLAR GLARE TEST B	262 04 06 24	0	-60.1	PHOTOMETRY G
261 15 24 40	105	19.4	SOLAR GLARE TEST B	262 04 06 33	0	-60.1	PHOTOMETRY G

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
262 04 06 42	6	-60.1	PHOTOMETRY G	262 04 46 22	27	-0.7	PHOTOMETRY G
262 04 06 51	6	-60.1	PHOTOMETRY G	262 04 46 30	27	-0.7	PHOTOMETRY G
262 04 06 59	6	-60.1	PHOTOMETRY G	262 04 46 39	27	-0.7	PHOTOMETRY G
262 04 07 08	6	-60.1	PHOTOMETRY G	262 04 47 23	24	-0.7	PHOTOMETRY G
262 04 07 15	6	-60.1	PHOTOMETRY G	262 04 47 34	24	-0.7	PHOTOMETRY G
262 04 07 23	6	-60.1	PHOTOMETRY G	262 04 47 45	24	-0.7	PHOTOMETRY G
262 04 07 33	18	-60.1	PHOTOMETRY G	262 04 48 45	24	9.3	PHOTOMETRY G
262 04 07 41	18	-60.1	PHOTOMETRY G	262 04 48 55	24	9.3	PHOTOMETRY G
262 04 07 50	18	-60.1	PHOTOMETRY G	262 04 49 03	24	9.3	PHOTOMETRY G
262 04 08 01	27	-60.1	PHOTOMETRY G	262 04 49 16	24	19.4	PHOTOMETRY G
262 04 08 09	27	-60.1	PHOTOMETRY G	262 04 49 24	24	19.4	PHOTOMETRY G
262 04 08 17	27	-60.1	PHOTOMETRY G	262 04 49 32	24	19.4	PHOTOMETRY G
262 04 08 27	36	-60.1	PHOTOMETRY G	262 04 49 58	-21	9.3	PHOTOMETRY G
262 04 08 35	36	-60.1	PHOTOMETRY G	262 04 50 07	-21	9.3	PHOTOMETRY G
262 04 08 44	36	-60.1	PHOTOMETRY G	262 04 50 16	-21	9.3	PHOTOMETRY G
262 04 08 55	45	-60.1	PHOTOMETRY G	262 04 50 27	-18	-0.7	PHOTOMETRY G
262 04 09 03	45	-60.1	PHOTOMETRY G	262 04 50 35	-18	-0.7	PHOTOMETRY G
262 04 09 12	45	-60.1	PHOTOMETRY G	262 04 50 43	-18	-0.7	PHOTOMETRY G
262 04 09 22	54	-55.2	PHOTOMETRY G	262 04 50 58	-15	-10.5	PHOTOMETRY G
262 04 09 50	54	-55.2	PHOTOMETRY G	262 04 51 06	-15	-10.5	PHOTOMETRY G
262 04 09 59	54	-55.2	PHOTOMETRY G	262 04 51 15	-15	-10.5	PHOTOMETRY G
262 04 10 09	63	-55.2	PHOTOMETRY G	262 04 51 27	-9	-20.3	PHOTOMETRY G
262 04 10 18	63	-55.2	PHOTOMETRY G	262 04 51 35	-9	-20.3	PHOTOMETRY G
262 04 10 26	63	-55.2	PHOTOMETRY G	262 04 51 49	-9	-20.3	PHOTOMETRY G
262 04 11 39	96	-30.3	PHOTOMETRY G	262 04 51 59	-6	-30.3	PHOTOMETRY G
262 04 11 47	96	-30.3	PHOTOMETRY G	262 04 52 08	-6	-30.3	PHOTOMETRY G
262 04 11 56	96	-30.3	PHOTOMETRY G	262 04 52 16	-6	-30.3	PHOTOMETRY G
262 04 12 06	96	-30.3	PHOTOMETRY G	262 04 52 27	0	-40.3	PHOTOMETRY G
262 04 12 16	99	-25.3	PHOTOMETRY G	262 04 52 36	0	-40.3	PHOTOMETRY G
262 04 12 24	99	-25.3	PHOTOMETRY G	262 04 52 44	0	-40.3	PHOTOMETRY G
262 04 13 04	99	-25.3	PHOTOMETRY G	262 04 53 51	-105	-30.3	PHOTOMETRY G
262 04 13 17	102	-20.3	PHOTOMETRY G	262 04 54 30	-105	-30.3	PHOTOMETRY G
262 04 13 26	102	-20.3	PHOTOMETRY G	262 04 54 41	-105	-30.3	PHOTOMETRY G
262 04 13 34	102	-20.3	PHOTOMETRY G	262 04 54 49	-105	-30.3	PHOTOMETRY G
262 04 13 45	105	-15.3	PHOTOMETRY G	262 04 55 05	-99	-40.3	PHOTOMETRY G
262 04 13 55	105	-15.3	PHOTOMETRY G	262 04 55 13	-99	-40.3	PHOTOMETRY G
262 04 14 03	105	-15.3	PHOTOMETRY G	262 04 55 22	-99	-40.3	PHOTOMETRY G
262 04 14 14	108	-10.5	PHOTOMETRY G	262 04 55 36	-93	-50.2	PHOTOMETRY G
262 04 14 24	108	-10.5	PHOTOMETRY G	262 04 55 45	-93	-50.2	PHOTOMETRY G
262 04 14 32	108	-10.5	PHOTOMETRY G	262 04 55 53	-93	-50.2	PHOTOMETRY G
262 04 14 42	111	-5.6	PHOTOMETRY G	262 04 56 04	-87	-55.2	PHOTOMETRY G
262 04 14 50	111	-5.6	PHOTOMETRY G	262 04 56 12	-87	-55.2	PHOTOMETRY G
262 04 14 59	111	-5.6	PHOTOMETRY G	262 04 56 21	-87	-55.2	PHOTOMETRY G
262 04 15 11	114	-0.7	PHOTOMETRY G	262 04 56 32	-78	-60.1	PHOTOMETRY G
262 04 15 19	114	-0.7	PHOTOMETRY G	262 04 56 41	-78	-60.1	PHOTOMETRY G
262 04 15 28	114	-0.7	PHOTOMETRY G	262 04 56 50	-78	-60.1	PHOTOMETRY G
262 04 15 54	75	24.3	PHOTOMETRY G	262 04 57 34	-153	-40.3	PHOTOMETRY G
262 04 16 04	75	24.3	PHOTOMETRY G	262 04 57 44	-153	-40.3	PHOTOMETRY G
262 04 16 12	75	24.3	PHOTOMETRY G	262 04 57 52	-153	-40.3	PHOTOMETRY G
262 04 16 27	72	14.4	PHOTOMETRY G	262 04 58 04	-153	-30.3	PHOTOMETRY G
262 04 16 36	72	14.4	PHOTOMETRY G	262 04 58 13	-153	-30.3	PHOTOMETRY G
262 04 16 45	72	14.4	PHOTOMETRY G	262 04 58 21	-153	-30.3	PHOTOMETRY G
262 04 16 57	69	4.3	PHOTOMETRY G	262 04 59 19	-60	-60.1	PHOTOMETRY G
262 04 17 05	69	4.3	PHOTOMETRY G	262 04 59 29	-60	-60.1	PHOTOMETRY G
262 04 17 14	69	4.3	PHOTOMETRY G	262 04 59 37	-60	-60.1	PHOTOMETRY G
262 04 17 26	66	-5.6	PHOTOMETRY G	262 04 59 54	-60	-60.1	PHOTOMETRY G
262 04 17 34	66	-5.6	PHOTOMETRY G	262 05 00 02	-60	-60.1	PHOTOMETRY G
262 04 17 42	66	-5.6	PHOTOMETRY G	262 05 00 11	-60	-60.1	PHOTOMETRY G
262 04 17 58	51	-5.6	PHOTOMETRY G	262 05 00 53	-60	-60.1	PHOTOMETRY G
262 04 18 09	51	-5.6	PHOTOMETRY G	262 05 01 02	-60	-60.1	PHOTOMETRY G
262 04 18 17	51	-5.6	PHOTOMETRY G	262 05 01 11	-60	-60.1	PHOTOMETRY G
262 04 18 34	51	-5.6	PHOTOMETRY G	262 05 02 00	-60	-60.1	PHOTOMETRY G
262 04 18 43	51	-5.6	PHOTOMETRY G	262 05 02 09	-60	-60.1	PHOTOMETRY G
262 04 18 51	51	-5.6	PHOTOMETRY G	262 05 02 17	-60	-60.1	PHOTOMETRY G
262 04 19 33	51	-5.6	PHOTOMETRY G	262 05 05 14	-57	-60.1	MAGNETS I
262 04 19 43	51	-5.6	PHOTOMETRY G	262 05 07 13	-57	-60.1	MAGNETS I
262 04 19 51	51	-5.6	PHOTOMETRY G	262 05 08 04	-57	-60.1	MAGNETS I
262 04 20 38	51	-5.6	PHOTOMETRY G	262 05 08 27	-57	-60.1	MAGNETS I
262 04 20 46	51	-5.6	PHOTOMETRY G	262 05 09 02	-54	-60.1	MAGNETS I
262 04 20 55	51	-5.6	PHOTOMETRY G	262 05 09 13	-54	-60.1	MAGNETS I
262 04 40 48	51	-5.6	PHOTOMETRY G	262 05 09 58	-54	-60.1	MAGNETS I
262 04 41 36	60	-10.5	PHOTOMETRY G	262 05 10 09	-54	-60.1	MAGNETS I
262 04 41 45	60	-10.5	PHOTOMETRY G	262 05 14 14	-54	-65.1	SPECIAL H
262 04 41 53	60	-10.5	PHOTOMETRY G	262 05 16 09	-54	-55.2	SPECIAL H
262 04 42 40	57	-20.3	PHOTOMETRY G	262 05 16 14	-51	-55.2	SPECIAL H
262 04 42 49	57	-20.3	PHOTOMETRY G	262 05 16 19	-66	-65.1	SPECIAL H
262 04 42 57	57	-20.3	PHOTOMETRY G	262 05 17 38	-75	-70.1	SPECIAL H
262 04 43 08	54	-30.3	PHOTOMETRY G	262 05 19 04	-69	-70.1	SPECIAL H
262 04 43 18	54	-30.3	PHOTOMETRY G	262 05 19 37	-69	-60.1	SPECIAL H
262 04 43 54	54	-30.3	PHOTOMETRY G	262 05 19 41	-81	-60.1	SPECIAL H
262 04 44 56	27	-30.3	PHOTOMETRY G	262 05 19 46	-81	-70.1	SPECIAL H
262 04 45 05	27	-30.3	PHOTOMETRY G	262 05 20 19	-90	-70.1	SPECIAL H
262 04 45 13	27	-30.3	PHOTOMETRY G	262 05 21 32	-90	-70.1	SPECIAL H
262 04 45 23	27	-20.3	PHOTOMETRY G	262 05 23 20	-87	-70.1	SPECIAL H
262 04 45 31	27	-20.3	PHOTOMETRY G	262 05 25 59	-72	-70.1	SPECIAL H
262 04 45 41	27	-20.3	PHOTOMETRY G	262 05 27 13	-72	-70.1	SPECIAL H
262 04 45 55	27	-10.5	PHOTOMETRY G	262 05 27 46	-78	-70.1	SPECIAL H
262 04 46 04	27	-10.5	PHOTOMETRY G	262 05 28 10	-84	-70.1	SPECIAL H
262 04 46 12	27	-10.5	PHOTOMETRY G	262 05 29 14	-84	-70.1	SPECIAL H

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
262 05 29 45	-78	-70.1	SPECIAL H	262 06 14 51	-210	-50.2	SPECIAL H
262 05 30 39	-78	-60.1	SPECIAL H	262 06 14 56	-204	-50.2	SPECIAL H
262 05 31 13	-84	-60.1	SPECIAL H	262 06 15 00	-204	-50.2	SPECIAL H
262 05 31 37	-90	-60.1	SPECIAL H	262 06 15 04	-201	-50.2	SPECIAL H
262 05 32 00	-96	-60.1	SPECIAL H	262 06 15 09	-201	-55.2	SPECIAL H
262 05 32 34	-93	-65.1	SPECIAL H	262 06 15 13	-204	-55.2	SPECIAL H
262 05 32 59	-87	-65.1	SPECIAL H	262 06 15 18	-207	-55.2	SPECIAL H
262 05 33 25	-81	-65.1	SPECIAL H	262 06 15 22	-210	-55.2	SPECIAL H
262 05 33 55	-75	-70.1	SPECIAL H	262 06 15 27	-213	-55.2	SPECIAL H
262 05 42 48	-72	-70.1	SPECIAL H	262 06 15 31	-216	-55.2	SPECIAL H
262 05 42 53	-66	-70.1	SPECIAL H	262 06 19 10	-195	-40.3	MIRROR H
262 05 42 56	-60	-70.1	SPECIAL H	262 06 20 03	-201	-40.3	MIRROR H
262 05 43 01	-54	-70.1	SPECIAL H	262 06 20 07	-207	-40.3	MIRROR H
262 05 43 06	-48	-70.1	SPECIAL H	262 06 20 11	-213	-40.3	MIRROR H
262 05 43 11	-42	-70.1	SPECIAL H	262 06 21 10	-213	-40.3	MIRROR H
262 05 43 15	-42	-65.1	SPECIAL H	262 06 21 15	-213	-35.3	MIRROR H
262 05 43 20	-45	-65.1	SPECIAL H	262 06 21 18	-210	-35.3	MIRROR H
262 05 43 25	-51	-65.1	SPECIAL H	262 06 21 23	-207	-35.3	MIRROR H
262 05 43 29	-57	-65.1	SPECIAL H	262 06 21 28	-204	-35.3	MIRROR H
262 05 43 34	-63	-65.1	SPECIAL H	262 06 21 33	-201	-35.3	MIRROR H
262 05 43 38	-69	-65.1	SPECIAL H	262 06 21 36	-198	-40.3	MIRROR H
262 05 43 43	-75	-65.1	SPECIAL H	262 06 21 44	-201	-40.3	MIRROR H
262 05 43 47	-78	-65.1	SPECIAL H	262 06 21 50	-204	-40.3	MIRROR H
262 05 43 52	-78	-60.1	SPECIAL H	262 06 21 57	-207	-40.3	MIRROR H
262 05 43 56	-72	-60.1	SPECIAL H	262 06 22 03	-210	-40.3	MIRROR H
262 05 44 00	-69	-60.1	SPECIAL H	262 06 23 03	-210	-40.3	MIRROR H
262 05 44 05	-66	-60.1	SPECIAL H	262 06 23 37	-210	-45.3	MIRROR H
262 05 44 10	-60	-60.1	SPECIAL H	262 06 23 41	-207	-45.3	MIRROR H
262 05 44 16	-54	-60.1	SPECIAL H	262 06 23 45	-204	-45.3	MIRROR H
262 05 44 19	-48	-60.1	SPECIAL H	262 06 23 50	-201	-45.3	MIRROR H
262 05 44 24	-42	-60.1	SPECIAL H	262 06 23 55	-198	-45.3	MIRROR H
262 05 44 29	-45	-55.2	SPECIAL H	262 06 23 58	-195	-45.3	MIRROR H
262 05 44 37	-54	-55.2	SPECIAL H	262 06 28 53	-54	-65.1	SURVEY W-N
262 05 44 42	-57	-55.2	SPECIAL H	262 06 29 04	-54	-65.1	SURVEY W-N
262 05 44 47	-60	-55.2	SPECIAL H	262 06 30 10	-72	-65.1	SURVEY W-N
262 05 44 51	-63	-55.2	SPECIAL H	262 06 30 16	-72	-50.2	SURVEY W-N
262 05 44 55	-66	-55.2	SPECIAL H	262 06 30 21	-72	-35.3	SURVEY W-N
262 05 45 00	-69	-55.2	SPECIAL H	262 06 30 25	-72	-20.3	SURVEY W-N
262 05 45 05	-72	-55.2	SPECIAL H	262 06 30 30	-72	-5.6	SURVEY W-N
262 05 45 09	-75	-55.2	SPECIAL H	262 06 30 34	-72	9.3	SURVEY W-N
262 05 45 13	-72	-50.2	SPECIAL H	262 06 30 40	-54	9.3	SURVEY W-N
262 05 45 18	-66	-50.2	SPECIAL H	262 06 30 45	-54	-5.6	SURVEY W-N
262 05 45 23	-60	-50.2	SPECIAL H	262 06 30 48	-54	-20.3	SURVEY W-N
262 05 45 27	-54	-50.2	SPECIAL H	262 06 30 53	-54	-35.3	SURVEY W-N
262 05 45 31	-48	-50.2	SPECIAL H	262 06 30 58	-54	-50.2	SURVEY W-N
262 05 48 43	87	-15.3	SPECIAL H	262 06 31 03	-36	-50.2	SURVEY W-N
262 05 50 43	87	-15.3	SPECIAL H	262 06 31 08	-36	-35.3	SURVEY W-N
262 05 51 29	81	-15.3	SPECIAL H	262 06 31 12	-36	-20.3	SURVEY W-N
262 05 51 34	75	-15.3	SPECIAL H	262 06 31 17	-36	-5.6	SURVEY W-N
262 05 51 39	69	-15.3	SPECIAL H	262 06 31 21	-36	9.3	SURVEY W-N
262 05 51 42	72	-20.3	SPECIAL H	262 06 31 27	-18	9.3	SURVEY W-N
262 05 51 47	75	-20.3	SPECIAL H	262 06 32 01	-18	24.3	SURVEY W-N
262 05 51 52	78	-20.3	SPECIAL H	262 06 32 38	-18	9.3	SURVEY W-N
262 05 51 56	81	-20.3	SPECIAL H	262 06 32 53	-18	-5.6	SURVEY W-N
262 05 52 00	84	-20.3	SPECIAL H	262 06 32 58	-18	-20.3	SURVEY W-N
262 05 52 05	81	-25.3	SPECIAL H	262 06 33 02	-18	-35.3	SURVEY W-N
262 05 52 10	78	-25.3	SPECIAL H	262 06 33 07	-18	-50.2	SURVEY W-N
262 05 52 15	75	-25.3	SPECIAL H	262 06 33 14	0	-50.2	SURVEY W-N
262 05 52 20	72	-25.3	SPECIAL H	262 06 33 19	0	-35.3	SURVEY W-N
262 05 52 23	69	-25.3	SPECIAL H	262 06 33 24	0	-20.3	SURVEY W-N
262 05 53 33	84	-30.3	SPECIAL H	262 06 33 28	0	-5.6	SURVEY W-N
262 05 54 02	78	-30.3	SPECIAL H	262 06 33 32	0	9.3	SURVEY W-N
262 05 55 07	72	-30.3	SPECIAL H	262 06 33 37	0	24.3	SURVEY W-N
262 05 56 00	75	-25.3	SPECIAL H	262 06 33 43	18	24.3	SURVEY W-N
262 06 00 03	72	-20.3	SPECIAL H	262 06 33 46	18	9.3	SURVEY W-N
262 06 00 39	72	-20.3	SPECIAL H	262 06 33 51	18	-5.6	SURVEY W-N
262 06 01 10	72	-30.3	SPECIAL H	262 06 33 56	18	-20.3	SURVEY W-N
262 06 02 20	66	-30.3	SPECIAL H	262 06 34 01	18	-35.3	SURVEY W-N
262 06 03 06	69	-25.3	SPECIAL H	262 06 34 04	18	-50.2	SURVEY W-N
262 06 03 47	75	-25.3	SPECIAL H	262 06 34 10	36	-50.2	SURVEY W-N
262 06 04 39	75	-25.3	SPECIAL H	262 06 34 36	36	-50.2	SURVEY W-N
262 06 05 11	78	-20.3	SPECIAL H	262 06 35 12	36	-35.3	SURVEY W-N
262 06 05 18	78	-20.3	SPECIAL H	262 06 35 15	36	-20.3	SURVEY W-N
262 06 05 53	51	-5.6	SPECIAL H	262 06 35 20	36	-5.6	SURVEY W-N
262 06 09 13	-216	-15.3	SPECIAL H	262 06 35 25	36	9.3	SURVEY W-N
262 06 09 19	-219	-15.3	SPECIAL H	262 06 35 30	36	24.3	SURVEY W-N
262 06 09 25	-219	-20.3	SPECIAL H	262 06 35 35	54	24.3	SURVEY W-N
262 06 09 30	-216	-20.3	SPECIAL H	262 06 35 39	54	9.3	SURVEY W-N
262 06 09 35	-216	-25.3	SPECIAL H	262 06 35 44	54	-5.6	SURVEY W-N
262 06 09 40	-219	-25.3	SPECIAL H	262 06 35 48	54	-20.3	SURVEY W-N
262 06 10 42	-210	-45.3	SPECIAL H	262 06 35 53	54	-35.3	SURVEY W-N
262 06 12 26	-201	-45.3	SPECIAL H	262 06 35 57	54	-50.2	SURVEY W-N
262 06 13 03	-204	-45.3	SPECIAL H	262 06 36 02	72	-50.2	SURVEY W-N
262 06 13 37	-207	-45.3	SPECIAL H	262 06 36 07	72	-35.3	SURVEY W-N
262 06 14 01	-210	-45.3	SPECIAL H	262 06 36 12	72	-20.3	SURVEY W-N
262 06 14 33	-213	-45.3	SPECIAL H	262 06 36 17	72	-5.6	SURVEY W-N
262 06 14 38	-216	-45.3	SPECIAL H	262 06 36 20	72	9.3	SURVEY W-N
262 06 14 42	-216	-50.2	SPECIAL H	262 06 36 25	72	24.3	SURVEY W-N
262 06 14 46	-213	-50.2	SPECIAL H	262 06 36 31	90	24.3	SURVEY W-N

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
262 06 36 35	90	9.3	SURVEY W-N	262 07 25 03	54	-20.3	ROCK A
262 06 36 40	90	-5.6	SURVEY W-N	262 07 25 14	54	-20.3	ROCK A
262 06 36 44	90	-20.3	SURVEY W-N	262 07 26 06	54	-20.3	ROCK A
262 06 36 49	90	-35.3	SURVEY W-N	262 07 26 18	54	-20.3	ROCK A
262 06 36 53	90	-50.2	SURVEY W-N	262 07 26 29	54	-20.3	ROCK A
262 06 37 01	108	-50.2	SURVEY W-N	262 07 27 44	54	-20.3	ROCK A
262 06 37 05	108	-35.3	SURVEY W-N	262 07 28 33	60	-15.3	ROCK A
262 06 37 10	108	-20.3	SURVEY W-N	262 07 28 44	60	-15.3	ROCK A
262 06 37 14	108	-5.6	SURVEY W-N	262 07 28 55	60	-30.3	ROCK A
262 06 37 19	108	9.3	SURVEY W-N	262 07 29 43	60	-30.3	ROCK A
262 06 37 24	126	9.3	SURVEY W-N	262 07 29 54	60	-30.3	ROCK A
262 06 37 29	138	-5.6	SURVEY W-N	262 07 30 06	60	-30.3	ROCK A
262 06 37 34	123	-20.3	SURVEY W-N	262 07 30 32	60	-30.3	ROCK A
262 06 37 37	123	-35.3	SURVEY W-N	262 07 30 43	60	-30.3	ROCK A
262 06 37 42	126	-50.2	SURVEY W-N	262 07 30 54	60	-30.3	ROCK A
262 06 37 48	123	-65.1	SURVEY W-N	262 07 31 44	60	-30.3	ROCK A
262 06 37 54	108	-65.1	SURVEY W-N	262 07 31 56	60	-30.3	ROCK A
262 06 37 59	90	-65.1	SURVEY W-N	262 07 32 07	60	-30.3	ROCK A
262 06 38 05	72	-65.1	SURVEY W-N	262 07 33 07	60	-30.3	ROCK A
262 06 38 10	54	-65.1	SURVEY W-N	262 07 35 01	63	-30.3	ROCK A
262 06 38 16	36	-65.1	SURVEY W-N	262 07 35 54	63	-30.3	ROCK A
262 06 38 22	18	-65.1	SURVEY W-N	262 07 36 05	63	-30.3	ROCK A
262 06 38 27	0	-65.1	SURVEY W-N	262 07 36 16	63	-30.3	ROCK A
262 06 38 33	-18	-65.1	SURVEY W-N	262 07 37 01	63	-30.3	ROCK A
262 06 38 37	-36	-65.1	SURVEY W-N	262 07 37 12	63	-30.3	ROCK A
262 06 38 43	-54	-65.1	SURVEY W-N	262 07 37 23	63	-30.3	ROCK A
262 06 57 06	-54	-65.1	SURVEY W-N	262 07 37 50	63	-30.3	ROCK A
262 06 58 12	-90	-50.2	SURVEY W-N	262 07 38 00	63	-30.3	ROCK A
262 06 58 17	-90	-35.3	SURVEY W-N	262 07 38 11	63	-30.3	ROCK A
262 06 58 21	-90	-20.3	SURVEY W-N	262 07 39 05	63	-30.3	ROCK A
262 06 58 25	-90	-5.6	SURVEY W-N	262 07 39 16	63	-30.3	ROCK A
262 06 58 31	-108	-5.6	SURVEY W-N	262 07 39 27	63	-30.3	ROCK A
262 06 58 36	-108	-20.3	SURVEY W-N	262 07 40 32	63	-30.3	ROCK A
262 06 58 41	-108	-35.3	SURVEY W-N	262 07 43 43	51	-5.6	ROCK A
262 06 58 44	-108	-50.2	SURVEY W-N	262 07 43 54	51	-5.6	ROCK A
262 06 58 50	-126	-50.2	SURVEY W-N	262 07 44 42	51	-5.6	ROCK A
262 06 58 55	-126	-35.3	SURVEY W-N	262 07 44 52	51	-5.6	ROCK A
262 06 58 59	-126	-20.3	SURVEY W-N	262 07 45 02	51	-5.6	ROCK A
262 06 59 04	-126	-5.6	SURVEY W-N	262 07 45 49	51	-5.6	ROCK A
262 06 59 10	-144	-5.6	SURVEY W-N	262 07 46 00	51	-5.6	ROCK A
262 06 59 13	-144	-20.3	SURVEY W-N	262 07 46 11	51	-5.6	ROCK A
262 06 59 18	-144	-35.3	SURVEY W-N	262 07 46 55	51	-5.6	ROCK A
262 06 59 23	-144	-50.2	SURVEY W-N	262 07 47 05	51	-5.6	ROCK A
262 06 59 28	-162	-50.2	SURVEY W-N	262 07 47 16	51	-5.6	ROCK A
262 06 59 32	-162	-35.3	SURVEY W-N	262 07 47 45	51	-5.6	ROCK A
262 06 59 37	-159	-20.3	SURVEY W-N	262 07 47 54	51	-5.6	ROCK A
262 06 59 42	-162	-5.6	SURVEY W-N	262 07 48 05	51	-5.6	ROCK A
262 06 59 47	-180	-5.6	SURVEY W-N	262 07 48 53	51	-5.6	ROCK A
262 06 59 52	-180	-20.3	SURVEY W-N	262 07 49 04	51	-5.6	ROCK A
262 06 59 57	-180	-35.3	SURVEY W-N	262 07 49 15	51	-5.6	ROCK A
262 07 00 00	-180	-50.2	SURVEY W-N	262 07 50 15	51	-5.6	ROCK A
262 07 00 09	-198	-50.2	SURVEY W-N	263 03 59 31	51	-5.6	PHOTOMETRY H
262 07 00 12	-198	-35.3	SURVEY W-N	263 04 03 08	-60	-60.1	PHOTOMETRY H
262 07 00 17	-198	-20.3	SURVEY W-N	263 04 03 54	-60	-60.1	PHOTOMETRY H
262 07 00 22	-198	-5.6	SURVEY W-N	263 04 07 33	-60	-60.1	PHOTOMETRY H
262 07 00 27	-198	9.3	SURVEY W-N	263 04 07 41	-60	-60.1	PHOTOMETRY H
262 07 00 31	-216	9.3	SURVEY W-N	263 04 07 50	-60	-60.1	PHOTOMETRY H
262 07 00 36	-216	-5.6	SURVEY W-N	263 04 08 15	-60	-10.5	PHOTOMETRY H
262 07 00 41	-216	-20.3	SURVEY W-N	263 04 08 23	-60	-10.5	PHOTOMETRY H
262 07 00 45	-216	-35.3	SURVEY W-N	263 04 08 32	-60	-10.5	PHOTOMETRY H
262 07 00 50	-216	-50.2	SURVEY W-N	263 04 08 40	-57	-15.3	PHOTOMETRY H
262 07 00 56	-216	-65.1	SURVEY W-N	263 04 08 49	-57	-15.3	PHOTOMETRY H
262 07 01 02	-198	-65.1	SURVEY W-N	263 04 08 57	-57	-15.3	PHOTOMETRY H
262 07 01 06	-180	-65.1	SURVEY W-N	263 04 09 04	-54	-20.3	PHOTOMETRY H
262 07 01 12	-162	-65.1	SURVEY W-N	263 04 09 13	-54	-20.3	PHOTOMETRY H
262 07 01 17	-144	-65.1	SURVEY W-N	263 04 09 22	-54	-20.3	PHOTOMETRY H
262 07 01 23	-126	-65.1	SURVEY W-N	263 04 09 32	-51	-25.3	PHOTOMETRY H
262 07 01 28	-108	-65.1	SURVEY W-N	263 04 09 40	-51	-25.3	PHOTOMETRY H
262 07 01 34	-90	-65.1	SURVEY W-N	263 04 09 49	-51	-25.3	PHOTOMETRY H
262 07 01 42	-54	-65.1	SURVEY W-N	263 04 09 55	-48	-30.3	PHOTOMETRY H
262 07 04 57	-99	14.4	STARS F	263 04 10 03	-48	-30.3	PHOTOMETRY H
262 07 05 08	-99	14.4	STARS F	263 04 10 12	-48	-30.3	PHOTOMETRY H
262 07 08 15	-99	24.3	STARS F	263 04 10 19	-45	-35.3	PHOTOMETRY H
262 07 08 25	-99	24.3	STARS F	263 04 10 27	-45	-35.3	PHOTOMETRY H
262 07 09 30	-99	29.2	STARS F	263 04 10 36	-45	-35.3	PHOTOMETRY H
262 07 09 41	-99	29.2	STARS F	263 04 10 43	-42	-40.3	PHOTOMETRY H
262 07 12 12	-99	29.2	STARS F	263 04 10 50	-42	-40.3	PHOTOMETRY H
262 07 12 23	-99	29.2	STARS F	263 04 10 59	-42	-40.3	PHOTOMETRY H
262 07 18 25	54	-20.3	ROCK A	263 04 11 08	-39	-45.3	PHOTOMETRY H
262 07 18 36	54	-20.3	ROCK A	263 04 11 17	-39	-45.3	PHOTOMETRY H
262 07 21 12	54	-20.3	ROCK A	263 04 11 25	-39	-45.3	PHOTOMETRY H
262 07 21 23	54	-20.3	ROCK A	263 04 11 37	-30	-50.2	PHOTOMETRY H
262 07 22 47	54	-20.3	ROCK A	263 04 11 49	-30	-50.2	PHOTOMETRY H
262 07 22 52	54	-20.3	ROCK A	263 04 11 58	-30	-50.2	PHOTOMETRY H
262 07 22 57	54	-20.3	ROCK A	263 04 12 02	-24	-50.2	PHOTOMETRY H
262 07 23 57	54	-20.3	ROCK A	263 04 12 13	-24	-50.2	PHOTOMETRY H
262 07 24 08	54	-20.3	ROCK A	263 04 12 22	-24	-50.2	PHOTOMETRY H
262 07 24 18	54	-20.3	ROCK A	263 04 12 39	-15	-55.2	PHOTOMETRY H
262 07 24 52	54	-20.3	ROCK A	263 04 12 47	-15	-55.2	PHOTOMETRY H

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
263 04 12 55	-15	-55.2	PHOTOMETRY H	263 04 31 17	24	-20.3	PHOTOMETRY H
263 04 13 05	-9	-55.2	PHOTOMETRY H	263 04 31 26	24	-20.3	PHOTOMETRY H
263 04 13 14	-9	-55.2	PHOTOMETRY H	263 04 31 34	24	-20.3	PHOTOMETRY H
263 04 13 22	-9	-55.2	PHOTOMETRY H	263 04 32 24	24	-20.3	PHOTOMETRY H
263 04 13 33	0	-60.1	PHOTOMETRY H	263 04 32 44	24	-10.5	PHOTOMETRY H
263 04 13 41	0	-60.1	PHOTOMETRY H	263 04 32 52	24	-10.5	PHOTOMETRY H
263 04 13 50	0	-60.1	PHOTOMETRY H	263 04 33 01	24	-10.5	PHOTOMETRY H
263 04 13 59	6	-60.1	PHOTOMETRY H	263 04 33 12	24	-0.7	PHOTOMETRY H
263 04 14 08	6	-60.1	PHOTOMETRY H	263 04 33 20	24	-0.7	PHOTOMETRY H
263 04 14 16	6	-60.1	PHOTOMETRY H	263 04 33 29	24	-0.7	PHOTOMETRY H
263 04 14 25	6	-60.1	PHOTOMETRY H	263 04 33 39	24	9.3	PHOTOMETRY H
263 04 14 38	6	-60.1	PHOTOMETRY H	263 04 33 48	24	9.3	PHOTOMETRY H
263 04 14 46	6	-60.1	PHOTOMETRY H	263 04 33 56	24	9.3	PHOTOMETRY H
263 04 14 56	18	-60.1	PHOTOMETRY H	263 04 34 10	24	19.4	PHOTOMETRY H
263 04 15 04	18	-60.1	PHOTOMETRY H	263 04 34 18	24	19.4	PHOTOMETRY H
263 04 15 13	18	-60.1	PHOTOMETRY H	263 04 34 26	24	19.4	PHOTOMETRY H
263 04 15 24	27	-60.1	PHOTOMETRY H	263 04 34 52	-21	9.3	PHOTOMETRY H
263 04 15 32	27	-60.1	PHOTOMETRY H	263 04 35 04	-21	9.3	PHOTOMETRY H
263 04 15 40	27	-60.1	PHOTOMETRY H	263 04 35 12	-21	9.3	PHOTOMETRY H
263 04 15 50	36	-60.1	PHOTOMETRY H	263 04 35 23	-18	-0.7	PHOTOMETRY H
263 04 15 59	36	-60.1	PHOTOMETRY H	263 04 35 33	-18	-0.7	PHOTOMETRY H
263 04 16 07	36	-60.1	PHOTOMETRY H	263 04 35 41	-18	-0.7	PHOTOMETRY H
263 04 16 18	45	-60.1	PHOTOMETRY H	263 04 35 54	-15	-10.5	PHOTOMETRY H
263 04 16 26	45	-60.1	PHOTOMETRY H	263 04 36 03	-15	-10.5	PHOTOMETRY H
263 04 16 35	45	-60.1	PHOTOMETRY H	263 04 36 11	-15	-10.5	PHOTOMETRY H
263 04 16 45	54	-55.2	PHOTOMETRY H	263 04 36 23	-9	-20.3	PHOTOMETRY H
263 04 16 56	54	-55.2	PHOTOMETRY H	263 04 36 32	-9	-20.3	PHOTOMETRY H
263 04 17 05	54	-55.2	PHOTOMETRY H	263 04 40 06	-9	-20.3	PHOTOMETRY H
263 04 17 16	63	-55.2	PHOTOMETRY H	263 04 40 17	-6	-30.3	PHOTOMETRY H
263 04 17 24	63	-55.2	PHOTOMETRY H	263 04 40 26	-6	-30.3	PHOTOMETRY H
263 04 17 32	63	-55.2	PHOTOMETRY H	263 04 40 34	-6	-30.3	PHOTOMETRY H
263 04 18 46	96	-30.3	PHOTOMETRY H	263 04 40 46	0	-40.3	PHOTOMETRY H
263 04 18 54	96	-30.3	PHOTOMETRY H	263 04 40 54	0	-40.3	PHOTOMETRY H
263 04 19 03	96	-30.3	PHOTOMETRY H	263 04 41 03	0	-40.3	PHOTOMETRY H
263 04 19 14	99	-25.3	PHOTOMETRY H	263 04 42 09	-105	-30.3	PHOTOMETRY H
263 04 19 58	99	-25.3	PHOTOMETRY H	263 04 42 20	-105	-30.3	PHOTOMETRY H
263 04 20 24	99	-25.3	PHOTOMETRY H	263 04 42 28	-105	-30.3	PHOTOMETRY H
263 04 20 32	99	-25.3	PHOTOMETRY H	263 04 42 43	-99	-40.3	PHOTOMETRY H
263 04 20 43	102	-20.3	PHOTOMETRY H	263 04 42 51	-99	-40.3	PHOTOMETRY H
263 04 20 51	102	-20.3	PHOTOMETRY H	263 04 43 00	-99	-40.3	PHOTOMETRY H
263 04 21 00	102	-20.3	PHOTOMETRY H	263 04 43 14	-93	-50.2	PHOTOMETRY H
263 04 21 10	105	-15.3	PHOTOMETRY H	263 04 43 23	-93	-50.2	PHOTOMETRY H
263 04 21 19	105	-15.3	PHOTOMETRY H	263 04 43 31	-93	-50.2	PHOTOMETRY H
263 04 21 27	105	-15.3	PHOTOMETRY H	263 04 43 43	-87	-55.2	PHOTOMETRY H
263 04 21 38	108	-10.5	PHOTOMETRY H	263 04 43 51	-87	-55.2	PHOTOMETRY H
263 04 21 56	108	-10.5	PHOTOMETRY H	263 04 44 00	-87	-55.2	PHOTOMETRY H
263 04 22 05	108	-10.5	PHOTOMETRY H	263 04 44 11	-78	-60.1	PHOTOMETRY H
263 04 22 16	111	-5.6	PHOTOMETRY H	263 04 44 22	-78	-60.1	PHOTOMETRY H
263 04 22 24	111	-5.6	PHOTOMETRY H	263 04 44 30	-78	-60.1	PHOTOMETRY H
263 04 22 32	111	-5.6	PHOTOMETRY H	263 04 45 16	-156	-40.3	PHOTOMETRY H
263 04 22 43	114	-0.7	PHOTOMETRY H	263 04 45 24	-156	-40.3	PHOTOMETRY H
263 04 22 52	114	-0.7	PHOTOMETRY H	263 04 45 33	-156	-40.3	PHOTOMETRY H
263 04 23 00	114	-0.7	PHOTOMETRY H	263 04 45 45	-156	-30.3	PHOTOMETRY H
263 04 23 28	75	24.3	PHOTOMETRY H	263 04 45 53	-156	-30.3	PHOTOMETRY H
263 04 23 36	75	24.3	PHOTOMETRY H	263 04 46 02	-156	-30.3	PHOTOMETRY H
263 04 23 45	75	24.3	PHOTOMETRY H	263 04 46 59	-60	-60.1	PHOTOMETRY H
263 04 23 59	72	14.4	PHOTOMETRY H	263 04 47 12	-60	-60.1	PHOTOMETRY H
263 04 24 12	72	14.4	PHOTOMETRY H	263 04 47 20	-60	-60.1	PHOTOMETRY H
263 04 24 21	72	14.4	PHOTOMETRY H	263 04 47 38	-60	-60.1	PHOTOMETRY H
263 04 24 33	69	4.3	PHOTOMETRY H	263 04 47 45	-60	-60.1	PHOTOMETRY H
263 04 24 41	69	4.3	PHOTOMETRY H	263 04 47 54	-60	-60.1	PHOTOMETRY H
263 04 24 50	69	4.3	PHOTOMETRY H	263 04 48 37	-60	-60.1	PHOTOMETRY H
263 04 25 02	66	-5.6	PHOTOMETRY H	263 04 48 45	-60	-60.1	PHOTOMETRY H
263 04 25 10	66	-5.6	PHOTOMETRY H	263 04 48 54	-60	-60.1	PHOTOMETRY H
263 04 25 19	66	-5.6	PHOTOMETRY H	263 04 49 43	-60	-60.1	PHOTOMETRY H
263 04 25 34	51	-5.6	PHOTOMETRY H	263 04 49 51	-60	-60.1	PHOTOMETRY H
263 04 25 49	51	-5.6	PHOTOMETRY H	263 04 50 00	-60	-60.1	PHOTOMETRY H
263 04 25 57	51	-5.6	PHOTOMETRY H	263 04 51 39	-60	-60.1	PHOTOMETRY H
263 04 26 14	51	-5.6	PHOTOMETRY H	263 04 52 39	-60	-60.1	PHOTOMETRY H
263 04 26 22	51	-5.6	PHOTOMETRY H	263 04 53 30	-60	-60.1	PHOTOMETRY H
263 04 26 31	51	-5.6	PHOTOMETRY H	263 04 53 40	-60	-60.1	PHOTOMETRY H
263 04 27 13	51	-5.6	PHOTOMETRY H	263 04 54 35	-60	-60.1	PHOTOMETRY H
263 04 27 21	51	-5.6	PHOTOMETRY H	263 04 56 52	-144	-65.1	FOCUS RANGING E
263 04 27 30	51	-5.6	PHOTOMETRY H	263 04 57 35	-144	-65.1	FOCUS RANGING E
263 04 28 17	51	-5.6	PHOTOMETRY H	263 04 58 50	-144	-60.1	FOCUS RANGING E
263 04 28 25	51	-5.6	PHOTOMETRY H	263 05 00 11	-144	-60.1	FOCUS RANGING E
263 04 28 35	51	-5.6	PHOTOMETRY H	263 05 01 00	-144	-60.1	FOCUS RANGING E
263 04 29 13	60	-10.5	PHOTOMETRY H	263 05 01 04	-144	-60.1	FOCUS RANGING E
263 04 29 22	60	-10.5	PHOTOMETRY H	263 05 01 09	-144	-60.1	FOCUS RANGING E
263 04 29 30	60	-10.5	PHOTOMETRY H	263 05 01 14	-144	-60.1	FOCUS RANGING E
263 04 29 42	57	-20.3	PHOTOMETRY H	263 05 01 18	-144	-60.1	FOCUS RANGING E
263 04 29 51	57	-20.3	PHOTOMETRY H	263 05 01 22	-144	-60.1	FOCUS RANGING E
263 04 30 00	57	-20.3	PHOTOMETRY H	263 05 01 27	-144	-60.1	FOCUS RANGING E
263 04 30 11	54	-30.3	PHOTOMETRY H	263 05 01 32	-144	-60.1	FOCUS RANGING E
263 04 30 23	54	-30.3	PHOTOMETRY H	263 05 01 40	-144	-55.2	FOCUS RANGING E
263 04 30 33	54	-30.3	PHOTOMETRY H	263 05 02 05	-144	-55.2	FOCUS RANGING E
263 04 30 50	24	-30.3	PHOTOMETRY H	263 05 02 10	-144	-55.2	FOCUS RANGING E
263 04 30 59	24	-30.3	PHOTOMETRY H	263 05 02 15	-144	-55.2	FOCUS RANGING E
263 04 31 08	24	-30.3	PHOTOMETRY H	263 05 02 19	-144	-55.2	FOCUS RANGING E

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
263 05 46 04	123	-0.7	FOCUS RANGING E	263 06 50 15	-18	-5.6	SURVEY W-P
263 05 46 40	123	-0.7	FOCUS RANGING E	263 06 50 20	-18	-20.3	SURVEY W-P
263 05 48 55	108	-25.3	FOCUS RANGING E	263 06 50 24	-18	-35.3	SURVEY W-P
263 05 49 41	108	-20.3	FOCUS RANGING E	263 06 50 28	-18	-50.2	SURVEY W-P
263 05 50 16	108	-20.3	FOCUS RANGING E	263 06 50 36	0	-50.2	SURVEY W-P
263 05 50 21	108	-20.3	FOCUS RANGING E	263 06 50 40	0	-35.3	SURVEY W-P
263 05 50 24	108	-20.3	FOCUS RANGING E	263 06 50 45	0	-20.3	SURVEY W-P
263 05 50 29	108	-20.3	FOCUS RANGING E	263 06 50 50	0	-5.6	SURVEY W-P
263 05 50 34	108	-20.3	FOCUS RANGING E	263 06 50 54	0	9.3	SURVEY W-P
263 05 50 39	108	-20.3	FOCUS RANGING E	263 06 50 59	0	24.3	SURVEY W-P
263 05 50 42	108	-20.3	FOCUS RANGING E	263 06 51 05	18	24.3	SURVEY W-P
263 05 50 47	108	-20.3	FOCUS RANGING E	263 06 51 08	18	9.3	SURVEY W-P
263 05 50 56	108	-15.3	FOCUS RANGING E	263 06 51 13	18	-5.6	SURVEY W-P
263 05 51 05	108	-15.3	FOCUS RANGING E	263 06 51 18	18	-20.3	SURVEY W-P
263 05 51 09	108	-15.3	FOCUS RANGING E	263 06 51 23	18	-35.3	SURVEY W-P
263 05 51 14	108	-15.3	FOCUS RANGING E	263 06 51 26	18	-50.2	SURVEY W-P
263 05 51 18	108	-15.3	FOCUS RANGING E	263 06 51 32	36	-50.2	SURVEY W-P
263 05 51 22	108	-15.3	FOCUS RANGING E	263 06 51 37	36	-35.3	SURVEY W-P
263 05 53 32	108	-15.3	FOCUS RANGING E	263 06 51 41	36	-20.3	SURVEY W-P
263 05 54 34	108	-15.3	FOCUS RANGING E	263 06 51 45	36	-5.6	SURVEY W-P
263 05 54 56	108	-15.3	FOCUS RANGING E	263 06 51 50	36	9.3	SURVEY W-P
263 05 55 01	108	-15.3	FOCUS RANGING E	263 06 51 55	36	24.3	SURVEY W-P
263 05 55 06	108	-15.3	FOCUS RANGING E	263 06 52 00	54	24.3	SURVEY W-P
263 05 55 10	108	-15.3	FOCUS RANGING E	263 06 52 05	54	9.3	SURVEY W-P
263 05 55 15	108	-15.3	FOCUS RANGING E	263 06 52 10	54	-5.6	SURVEY W-P
263 05 55 19	108	-15.3	FOCUS RANGING E	263 06 52 13	54	-20.3	SURVEY W-P
263 05 55 24	108	-15.3	FOCUS RANGING E	263 06 52 18	54	-35.3	SURVEY W-P
263 05 55 28	108	-15.3	FOCUS RANGING E	263 06 52 23	54	-50.2	SURVEY W-P
263 05 55 36	108	-10.5	FOCUS RANGING E	263 06 52 28	72	-50.2	SURVEY W-P
263 05 55 43	108	-10.5	FOCUS RANGING E	263 06 52 32	72	-35.3	SURVEY W-P
263 05 55 48	108	-10.5	FOCUS RANGING E	263 06 52 37	72	-20.3	SURVEY W-P
263 05 55 53	108	-10.5	FOCUS RANGING E	263 06 52 42	72	-5.6	SURVEY W-P
263 05 55 57	108	-10.5	FOCUS RANGING E	263 06 52 46	72	9.3	SURVEY W-P
263 05 56 02	108	-10.5	FOCUS RANGING E	263 06 52 51	72	24.3	SURVEY W-P
263 05 56 06	108	-10.5	FOCUS RANGING E	263 06 52 57	90	24.3	SURVEY W-P
263 05 56 11	108	-10.5	FOCUS RANGING E	263 06 53 00	90	9.3	SURVEY W-P
263 05 56 15	108	-10.5	FOCUS RANGING E	263 06 53 05	90	-5.6	SURVEY W-P
263 05 56 24	108	-5.6	FOCUS RANGING E	263 06 53 10	90	-20.3	SURVEY W-P
263 06 36 07	108	-10.5	FOCUS RANGING E	263 06 53 15	90	-35.3	SURVEY W-P
263 06 37 10	108	-5.6	FOCUS RANGING E	263 06 53 18	90	-50.2	SURVEY W-P
263 06 37 53	108	-5.6	FOCUS RANGING E	263 06 53 27	108	-50.2	SURVEY W-P
263 06 37 58	108	-5.6	FOCUS RANGING E	263 06 53 30	108	-35.3	SURVEY W-P
263 06 38 02	108	-5.6	FOCUS RANGING E	263 06 53 35	108	-20.3	SURVEY W-P
263 06 38 06	108	-5.6	FOCUS RANGING E	263 06 53 40	108	-5.6	SURVEY W-P
263 06 38 11	108	-5.6	FOCUS RANGING E	263 06 53 44	108	9.3	SURVEY W-P
263 06 38 16	108	-5.6	FOCUS RANGING E	263 06 53 50	126	9.3	SURVEY W-P
263 06 38 20	108	-5.6	FOCUS RANGING E	263 06 57 11	123	19.4	STARS G
263 06 38 25	108	-5.6	FOCUS RANGING E	263 06 58 15	123	19.4	STARS G
263 06 38 33	108	-0.7	FOCUS RANGING E	263 06 58 24	123	19.4	STARS G
263 06 38 40	108	-0.7	FOCUS RANGING E	263 06 59 59	123	19.4	STARS G
263 06 38 45	108	-0.7	FOCUS RANGING E	263 07 00 10	123	19.4	STARS G
263 06 38 49	108	-0.7	FOCUS RANGING E	263 07 01 39	126	19.4	STARS G
263 06 38 53	108	-0.7	FOCUS RANGING E	263 07 01 50	126	19.4	STARS G
263 06 38 58	108	-0.7	FOCUS RANGING E	263 07 03 00	129	19.4	STARS G
263 06 39 03	108	-0.7	FOCUS RANGING E	263 07 03 11	129	19.4	STARS G
263 06 39 07	108	-0.7	FOCUS RANGING E	263 07 04 25	132	19.4	STARS G
263 06 39 12	108	-0.7	FOCUS RANGING E	263 07 04 35	126	19.4	STARS G
263 06 39 20	108	4.3	FOCUS RANGING E	263 07 08 46	129	19.4	STARS G
263 06 39 27	108	4.3	FOCUS RANGING E	263 07 08 57	129	19.4	STARS G
263 06 39 32	108	4.3	FOCUS RANGING E	263 07 09 27	126	19.4	STARS G
263 06 39 36	108	4.3	FOCUS RANGING E	263 07 09 38	126	19.4	STARS G
263 06 39 40	108	4.3	FOCUS RANGING E	263 07 10 15	123	19.4	STARS G
263 06 39 45	108	4.3	FOCUS RANGING E	263 07 10 25	117	19.4	STARS G
263 06 39 50	108	4.3	FOCUS RANGING E	263 07 10 50	123	19.4	STARS G
263 06 39 54	108	4.3	FOCUS RANGING E	263 07 11 01	123	19.4	STARS G
263 06 40 29	108	4.3	FOCUS RANGING E	263 07 14 09	126	9.3	SURVEY W-P
263 06 40 47	108	4.3	FOCUS RANGING E	263 07 15 14	126	-5.6	SURVEY W-P
263 06 41 05	108	4.3	FOCUS RANGING E	263 07 15 19	126	-20.3	SURVEY W-P
263 06 41 28	108	4.3	FOCUS RANGING E	263 07 15 24	126	-35.3	SURVEY W-P
263 06 41 47	108	4.3	FOCUS RANGING E	263 07 15 28	126	-50.2	SURVEY W-P
263 06 47 10	-54	-65.1	SURVEY W-P	263 07 15 34	126	-65.1	SURVEY W-P
263 06 47 54	-72	-65.1	SURVEY W-P	263 07 15 39	108	-65.1	SURVEY W-P
263 06 47 59	-72	-50.2	SURVEY W-P	263 07 15 45	90	-65.1	SURVEY W-P
263 06 48 04	-72	-35.3	SURVEY W-P	263 07 15 50	72	-65.1	SURVEY W-P
263 06 48 09	-72	-20.3	SURVEY W-P	263 07 15 56	54	-65.1	SURVEY W-P
263 06 48 14	-72	-5.6	SURVEY W-P	263 07 16 01	36	-65.1	SURVEY W-P
263 06 48 17	-72	9.3	SURVEY W-P	263 07 16 07	18	-65.1	SURVEY W-P
263 06 48 23	-54	9.3	SURVEY W-P	263 07 16 13	0	-65.1	SURVEY W-P
263 06 48 28	-54	-5.6	SURVEY W-P	263 07 16 18	-18	-65.1	SURVEY W-P
263 06 48 32	-54	-20.3	SURVEY W-P	263 07 16 24	-36	-65.1	SURVEY W-P
263 06 48 36	-54	-35.3	SURVEY W-P	263 07 16 29	-54	-65.1	SURVEY W-P
263 06 48 41	-54	-50.2	SURVEY W-P	263 07 16 41	-90	-50.2	SURVEY W-P
263 06 48 47	-36	-50.2	SURVEY W-P	263 07 16 46	-90	-35.3	SURVEY W-P
263 06 48 51	-36	-35.3	SURVEY W-P	263 07 16 50	-90	-20.3	SURVEY W-P
263 06 48 56	-36	-20.3	SURVEY W-P	263 07 16 54	-90	-5.6	SURVEY W-P
263 06 49 00	-36	-5.6	SURVEY W-P	263 07 17 00	-108	-5.6	SURVEY W-P
263 06 49 04	-36	9.3	SURVEY W-P	263 07 17 05	-108	-20.3	SURVEY W-P
263 06 49 10	-18	9.3	SURVEY W-P	263 07 17 08	-108	-35.3	SURVEY W-P
263 06 49 44	-18	24.3	SURVEY W-P	263 07 17 13	-108	-50.2	SURVEY W-P

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
263 07 17 19	-126	-50.2	SURVEY W-P	263 07 36 18	-156	-50.2	SURVEY F SECTORS 3,4
263 07 17 23	-126	-35.3	SURVEY W-P	263 07 36 23	-162	-50.2	SURVEY F SECTORS 3,4
263 07 17 28	-126	-20.3	SURVEY W-P	263 07 36 27	-168	-50.2	SURVEY F SECTORS 3,4
263 07 17 33	-126	-5.6	SURVEY W-P	263 07 36 31	-174	-50.2	SURVEY F SECTORS 3,4
263 07 17 39	-144	-5.6	SURVEY W-P	263 07 36 36	-177	-45.3	SURVEY F SECTORS 3,4
263 07 17 42	-144	-20.3	SURVEY W-P	263 07 36 41	-171	-45.3	SURVEY F SECTORS 3,4
263 07 17 47	-144	-35.3	SURVEY W-P	263 07 36 45	-165	-45.3	SURVEY F SECTORS 3,4
263 07 17 52	-141	-50.2	SURVEY W-P	263 07 36 49	-159	-45.3	SURVEY F SECTORS 3,4
263 07 17 57	-162	-50.2	SURVEY W-P	263 07 36 54	-153	-45.3	SURVEY F SECTORS 3,4
263 07 18 01	-162	-35.3	SURVEY W-P	263 07 36 59	-147	-45.3	SURVEY F SECTORS 3,4
263 07 18 06	-162	-20.3	SURVEY W-P	263 07 37 06	-144	-40.3	SURVEY F SECTORS 3,4
263 07 18 10	-162	-5.6	SURVEY W-P	263 07 37 10	-150	-40.3	SURVEY F SECTORS 3,4
263 07 18 16	-180	-5.6	SURVEY W-P	263 07 37 14	-156	-40.3	SURVEY F SECTORS 3,4
263 07 18 21	-180	-20.3	SURVEY W-P	263 07 37 19	-162	-40.3	SURVEY F SECTORS 3,4
263 07 18 26	-180	-35.3	SURVEY W-P	263 07 37 23	-168	-40.3	SURVEY F SECTORS 3,4
263 07 18 29	-180	-50.2	SURVEY W-P	263 07 37 28	-174	-40.3	SURVEY F SECTORS 3,4
263 07 18 36	-198	-50.2	SURVEY W-P	263 07 37 32	-177	-35.3	SURVEY F SECTORS 3,4
263 07 18 41	-198	-35.3	SURVEY W-P	263 07 37 37	-171	-35.3	SURVEY F SECTORS 3,4
263 07 18 46	-198	-20.3	SURVEY W-P	263 07 37 41	-165	-35.3	SURVEY F SECTORS 3,4
263 07 18 51	-198	-5.6	SURVEY W-P	263 07 37 46	-159	-35.3	SURVEY F SECTORS 3,4
263 07 18 54	-198	9.3	SURVEY W-P	263 07 37 50	-153	-35.3	SURVEY F SECTORS 3,4
263 07 19 00	-216	9.3	SURVEY W-P	263 07 37 55	-147	-35.3	SURVEY F SECTORS 3,4
263 07 19 05	-216	-5.6	SURVEY W-P	263 07 37 59	-144	-30.3	SURVEY F SECTORS 3,4
263 07 19 09	-216	-20.3	SURVEY W-P	263 07 38 46	-144	-30.3	SURVEY F SECTORS 3,4
263 07 19 14	-216	-35.3	SURVEY W-P	263 07 39 11	-150	-30.3	SURVEY F SECTORS 3,4
263 07 19 19	-216	-50.2	SURVEY W-P	263 07 39 16	-156	-30.3	SURVEY F SECTORS 3,4
263 07 19 25	-216	-65.1	SURVEY W-P	263 07 39 21	-162	-30.3	SURVEY F SECTORS 3,4
263 07 19 29	-198	-65.1	SURVEY W-P	263 07 39 24	-168	-30.3	SURVEY F SECTORS 3,4
263 07 19 35	-180	-65.1	SURVEY W-P	263 07 39 29	-174	-30.3	SURVEY F SECTORS 3,4
263 07 19 41	-162	-65.1	SURVEY W-P	263 07 39 34	-177	-25.3	SURVEY F SECTORS 3,4
263 07 19 46	-144	-65.1	SURVEY W-P	263 07 39 38	-171	-25.3	SURVEY F SECTORS 3,4
263 07 19 52	-126	-65.1	SURVEY W-P	263 07 39 43	-165	-25.3	SURVEY F SECTORS 3,4
263 07 19 57	-108	-65.1	SURVEY W-P	263 07 39 47	-159	-25.3	SURVEY F SECTORS 3,4
263 07 20 03	-90	-65.1	SURVEY W-P	263 07 39 52	-153	-25.3	SURVEY F SECTORS 3,4
263 07 20 11	-54	-65.1	SURVEY W-P	263 07 39 56	-147	-25.3	SURVEY F SECTORS 3,4
263 07 22 41	-213	-35.3	SURVEY F SECTORS 1,2	263 07 42 49	-141	-65.1	SURVEY F SECTORS 5,6
263 07 23 58	-213	-35.3	SURVEY F SECTORS 1,2	263 08 06 09	-141	-65.1	SURVEY F SECTORS 5,6
263 07 25 33	-213	-35.3	SURVEY F SECTORS 1,2	263 08 06 57	-135	-65.1	SURVEY F SECTORS 5,6
263 07 26 33	-207	-35.3	SURVEY F SECTORS 1,2	263 08 07 02	-129	-65.1	SURVEY F SECTORS 5,6
263 07 26 37	-201	-35.3	SURVEY F SECTORS 1,2	263 08 07 06	-123	-65.1	SURVEY F SECTORS 5,6
263 07 26 42	-195	-35.3	SURVEY F SECTORS 1,2	263 08 07 11	-117	-65.1	SURVEY F SECTORS 5,6
263 07 26 47	-189	-35.3	SURVEY F SECTORS 1,2	263 08 07 15	-111	-65.1	SURVEY F SECTORS 5,6
263 07 26 51	-183	-35.3	SURVEY F SECTORS 1,2	263 08 07 20	-108	-60.1	SURVEY F SECTORS 5,6
263 07 26 55	-180	-30.3	SURVEY F SECTORS 1,2	263 08 07 24	-114	-60.1	SURVEY F SECTORS 5,6
263 07 27 45	-180	-30.3	SURVEY F SECTORS 1,2	263 08 07 29	-120	-60.1	SURVEY F SECTORS 5,6
263 07 28 30	-186	-30.3	SURVEY F SECTORS 1,2	263 08 07 33	-126	-60.1	SURVEY F SECTORS 5,6
263 07 28 34	-192	-30.3	SURVEY F SECTORS 1,2	263 08 07 38	-132	-60.1	SURVEY F SECTORS 5,6
263 07 28 39	-198	-30.3	SURVEY F SECTORS 1,2	263 08 07 42	-138	-60.1	SURVEY F SECTORS 5,6
263 07 28 44	-204	-30.3	SURVEY F SECTORS 1,2	263 08 07 47	-141	-55.2	SURVEY F SECTORS 5,6
263 07 28 48	-210	-30.3	SURVEY F SECTORS 1,2	263 08 07 51	-135	-55.2	SURVEY F SECTORS 5,6
263 07 28 52	-213	-25.3	SURVEY F SECTORS 1,2	263 08 07 55	-129	-55.2	SURVEY F SECTORS 5,6
263 07 28 57	-207	-25.3	SURVEY F SECTORS 1,2	263 08 08 00	-123	-55.2	SURVEY F SECTORS 5,6
263 07 29 02	-201	-25.3	SURVEY F SECTORS 1,2	263 08 08 05	-117	-55.2	SURVEY F SECTORS 5,6
263 07 29 06	-195	-25.3	SURVEY F SECTORS 1,2	263 08 08 10	-111	-55.2	SURVEY F SECTORS 5,6
263 07 29 10	-189	-25.3	SURVEY F SECTORS 1,2	263 08 08 13	-108	-50.2	SURVEY F SECTORS 5,6
263 07 29 15	-183	-25.3	SURVEY F SECTORS 1,2	263 08 08 18	-114	-50.2	SURVEY F SECTORS 5,6
263 07 29 20	-180	-20.3	SURVEY F SECTORS 1,2	263 08 08 23	-120	-50.2	SURVEY F SECTORS 5,6
263 07 29 23	-186	-20.3	SURVEY F SECTORS 1,2	263 08 08 28	-126	-50.2	SURVEY F SECTORS 5,6
263 07 29 28	-192	-20.3	SURVEY F SECTORS 1,2	263 08 08 31	-132	-50.2	SURVEY F SECTORS 5,6
263 07 29 33	-198	-20.3	SURVEY F SECTORS 1,2	263 08 08 36	-138	-50.2	SURVEY F SECTORS 5,6
263 07 29 38	-204	-20.3	SURVEY F SECTORS 1,2	263 08 08 44	-141	-45.3	SURVEY F SECTORS 5,6
263 07 29 41	-210	-20.3	SURVEY F SECTORS 1,2	263 08 08 48	-135	-45.3	SURVEY F SECTORS 5,6
263 07 29 50	-213	-15.3	SURVEY F SECTORS 1,2	263 08 08 53	-129	-45.3	SURVEY F SECTORS 5,6
263 07 29 53	-207	-15.3	SURVEY F SECTORS 1,2	263 08 08 58	-123	-45.3	SURVEY F SECTORS 5,6
263 07 29 58	-201	-15.3	SURVEY F SECTORS 1,2	263 08 09 03	-117	-45.3	SURVEY F SECTORS 5,6
263 07 30 03	-195	-15.3	SURVEY F SECTORS 1,2	263 08 09 06	-111	-45.3	SURVEY F SECTORS 5,6
263 07 30 08	-189	-15.3	SURVEY F SECTORS 1,2	263 08 09 11	-108	-40.3	SURVEY F SECTORS 5,6
263 07 30 12	-183	-15.3	SURVEY F SECTORS 1,2	263 08 09 16	-114	-40.3	SURVEY F SECTORS 5,6
263 07 33 52	-177	-65.1	SURVEY F SECTORS 3,4	263 08 09 21	-120	-40.3	SURVEY F SECTORS 5,6
263 07 34 47	-177	-65.1	SURVEY F SECTORS 3,4	263 08 09 24	-126	-40.3	SURVEY F SECTORS 5,6
263 07 34 52	-171	-65.1	SURVEY F SECTORS 3,4	263 08 09 29	-132	-40.3	SURVEY F SECTORS 5,6
263 07 34 57	-165	-65.1	SURVEY F SECTORS 3,4	263 08 09 34	-138	-40.3	SURVEY F SECTORS 5,6
263 07 35 02	-159	-65.1	SURVEY F SECTORS 3,4	263 08 09 39	-141	-35.3	SURVEY F SECTORS 5,6
263 07 35 05	-153	-65.1	SURVEY F SECTORS 3,4	263 08 09 43	-135	-35.3	SURVEY F SECTORS 5,6
263 07 35 10	-147	-65.1	SURVEY F SECTORS 3,4	263 08 09 47	-129	-35.3	SURVEY F SECTORS 5,6
263 07 35 15	-144	-60.1	SURVEY F SECTORS 3,4	263 08 10 28	-129	-35.3	SURVEY F SECTORS 5,6
263 07 35 20	-150	-60.1	SURVEY F SECTORS 3,4	263 08 10 46	-123	-35.3	SURVEY F SECTORS 5,6
263 07 35 23	-156	-60.1	SURVEY F SECTORS 3,4	263 08 10 50	-117	-35.3	SURVEY F SECTORS 5,6
263 07 35 28	-162	-60.1	SURVEY F SECTORS 3,4	263 08 10 55	-111	-35.3	SURVEY F SECTORS 5,6
263 07 35 33	-168	-60.1	SURVEY F SECTORS 3,4	263 08 10 59	-108	-30.3	SURVEY F SECTORS 5,6
263 07 35 37	-174	-60.1	SURVEY F SECTORS 3,4	263 08 11 04	-114	-30.3	SURVEY F SECTORS 5,6
263 07 35 42	-177	-55.2	SURVEY F SECTORS 3,4	263 08 11 08	-120	-30.3	SURVEY F SECTORS 5,6
263 07 35 46	-171	-55.2	SURVEY F SECTORS 3,4	263 08 11 13	-126	-30.3	SURVEY F SECTORS 5,6
263 07 35 51	-165	-55.2	SURVEY F SECTORS 3,4	263 08 11 17	-132	-30.3	SURVEY F SECTORS 5,6
263 07 35 55	-159	-55.2	SURVEY F SECTORS 3,4	263 08 11 22	-138	-30.3	SURVEY F SECTORS 5,6
263 07 36 00	-153	-55.2	SURVEY F SECTORS 3,4	263 08 11 28	-141	-25.3	SURVEY F SECTORS 5,6
263 07 36 04	-147	-55.2	SURVEY F SECTORS 3,4	263 08 11 33	-135	-25.3	SURVEY F SECTORS 5,6
263 07 36 09	-144	-50.2	SURVEY F SECTORS 3,4	263 08 11 38	-129	-25.3	SURVEY F SECTORS 5,6
263 07 36 13	-150	-50.2	SURVEY F SECTORS 3,4	263 08 11 43	-123	-25.3	SURVEY F SECTORS 5,6

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
263 08 11 46	-117	-25.3	SURVEY F SECTORS 5,6	263 08 34 47	-69	-65.1	SURVEY F SECTORS 9,10
263 08 11 51	-111	-25.3	SURVEY F SECTORS 5,6	263 08 35 39	-63	-65.1	SURVEY F SECTORS 9,10
263 08 11 57	-108	-20.3	SURVEY F SECTORS 5,6	263 08 35 44	-57	-65.1	SURVEY F SECTORS 9,10
263 08 12 01	-114	-20.3	SURVEY F SECTORS 5,6	263 08 35 48	-51	-65.1	SURVEY F SECTORS 9,10
263 08 14 03	-105	-65.1	SURVEY F SECTORS 7,8	263 08 35 52	-45	-65.1	SURVEY F SECTORS 9,10
263 08 15 46	-105	-65.1	SURVEY F SECTORS 7,8	263 08 35 57	-39	-65.1	SURVEY F SECTORS 9,10
263 08 17 03	-105	-65.1	SURVEY F SECTORS 7,8	263 08 36 01	-33	-65.1	SURVEY F SECTORS 11,12
263 08 17 41	-105	-65.1	SURVEY F SECTORS 7,8	263 08 36 06	-30	-60.1	SURVEY F SECTORS 11,12
263 08 17 45	-99	-65.1	SURVEY F SECTORS 7,8	263 08 36 11	-36	-60.1	SURVEY F SECTORS 9,10
263 08 17 50	-93	-65.1	SURVEY F SECTORS 7,8	263 08 36 15	-42	-60.1	SURVEY F SECTORS 9,10
263 08 17 55	-87	-65.1	SURVEY F SECTORS 7,8	263 08 36 19	-48	-60.1	SURVEY F SECTORS 9,10
263 08 17 59	-81	-65.1	SURVEY F SECTORS 7,8	263 08 36 24	-54	-60.1	SURVEY F SECTORS 9,10
263 08 18 04	-75	-65.1	SURVEY F SECTORS 7,8	263 08 36 29	-60	-60.1	SURVEY F SECTORS 9,10
263 08 18 08	-72	-60.1	SURVEY F SECTORS 7,8	263 08 36 33	-66	-60.1	SURVEY F SECTORS 9,10
263 08 18 13	-78	-60.1	SURVEY F SECTORS 7,8	263 08 36 37	-69	-55.2	SURVEY F SECTORS 9,10
263 08 18 17	-84	-60.1	SURVEY F SECTORS 7,8	263 08 36 42	-63	-55.2	SURVEY F SECTORS 9,10
263 08 18 22	-90	-60.1	SURVEY F SECTORS 7,8	263 08 36 47	-57	-55.2	SURVEY F SECTORS 9,10
263 08 18 26	-96	-60.1	SURVEY F SECTORS 7,8	263 08 36 52	-51	-55.2	SURVEY F SECTORS 9,10
263 08 18 30	-102	-60.1	SURVEY F SECTORS 7,8	263 08 36 55	-45	-55.2	SURVEY F SECTORS 9,10
263 08 18 35	-105	-55.2	SURVEY F SECTORS 7,8	263 08 37 00	-39	-55.2	SURVEY F SECTORS 9,10
263 08 18 40	-99	-55.2	SURVEY F SECTORS 7,8	263 08 37 05	-33	-55.2	SURVEY F SECTORS 11,12
263 08 18 44	-93	-55.2	SURVEY F SECTORS 7,8	263 08 37 10	-30	-50.2	SURVEY F SECTORS 11,12
263 08 18 48	-87	-55.2	SURVEY F SECTORS 7,8	263 08 37 13	-36	-50.2	SURVEY F SECTORS 9,10
263 08 18 53	-81	-55.2	SURVEY F SECTORS 7,8	263 08 37 18	-42	-50.2	SURVEY F SECTORS 9,10
263 08 18 58	-75	-55.2	SURVEY F SECTORS 7,8	263 08 37 23	-48	-50.2	SURVEY F SECTORS 9,10
263 08 19 03	-72	-50.2	SURVEY F SECTORS 7,8	263 08 37 26	-54	-50.2	SURVEY F SECTORS 9,10
263 08 19 06	-78	-50.2	SURVEY F SECTORS 7,8	263 08 37 31	-60	-50.2	SURVEY F SECTORS 9,10
263 08 19 11	-84	-50.2	SURVEY F SECTORS 7,8	263 08 37 36	-66	-50.2	SURVEY F SECTORS 9,10
263 08 19 16	-90	-50.2	SURVEY F SECTORS 7,8	263 08 37 41	-69	-45.3	SURVEY F SECTORS 9,10
263 08 19 21	-96	-50.2	SURVEY F SECTORS 7,8	263 08 37 45	-63	-45.3	SURVEY F SECTORS 9,10
263 08 19 24	-102	-50.2	SURVEY F SECTORS 7,8	263 08 37 49	-57	-45.3	SURVEY F SECTORS 9,10
263 08 19 31	-105	-45.3	SURVEY F SECTORS 7,8	263 08 37 54	-51	-45.3	SURVEY F SECTORS 9,10
263 08 19 36	-99	-45.3	SURVEY F SECTORS 7,8	263 08 37 59	-45	-45.3	SURVEY F SECTORS 9,10
263 08 19 41	-93	-45.3	SURVEY F SECTORS 7,8	263 08 38 03	-39	-45.3	SURVEY F SECTORS 9,10
263 08 19 45	-87	-45.3	SURVEY F SECTORS 7,8	263 08 38 07	-33	-45.3	SURVEY F SECTORS 11,12
263 08 19 49	-81	-45.3	SURVEY F SECTORS 7,8	263 08 38 15	-30	-40.3	SURVEY F SECTORS 11,12
263 08 19 54	-75	-45.3	SURVEY F SECTORS 7,8	263 08 38 19	-36	-40.3	SURVEY F SECTORS 9,10
263 08 19 59	-72	-40.3	SURVEY F SECTORS 7,8	263 08 38 23	-42	-40.3	SURVEY F SECTORS 9,10
263 08 20 03	-78	-40.3	SURVEY F SECTORS 7,8	263 08 38 28	-48	-40.3	SURVEY F SECTORS 9,10
263 08 20 08	-84	-40.3	SURVEY F SECTORS 7,8	263 08 38 33	-54	-40.3	SURVEY F SECTORS 9,10
263 08 20 12	-90	-40.3	SURVEY F SECTORS 7,8	263 08 38 38	-60	-40.3	SURVEY F SECTORS 9,10
263 08 20 16	-96	-40.3	SURVEY F SECTORS 7,8	263 08 38 41	-66	-40.3	SURVEY F SECTORS 9,10
263 08 20 21	-102	-40.3	SURVEY F SECTORS 7,8	263 08 38 46	-69	-35.3	SURVEY F SECTORS 9,10
263 08 20 26	-105	-35.3	SURVEY F SECTORS 7,8	263 08 39 26	-69	-35.3	SURVEY F SECTORS 9,10
263 08 20 30	-99	-35.3	SURVEY F SECTORS 7,8	263 08 39 45	-63	-35.3	SURVEY F SECTORS 9,10
263 08 20 35	-93	-35.3	SURVEY F SECTORS 7,8	263 08 39 49	-57	-35.3	SURVEY F SECTORS 9,10
263 08 20 40	-87	-35.3	SURVEY F SECTORS 7,8	263 08 39 53	-51	-35.3	SURVEY F SECTORS 9,10
263 08 20 44	-81	-35.3	SURVEY F SECTORS 7,8	263 08 39 58	-45	-35.3	SURVEY F SECTORS 9,10
263 08 20 49	-75	-35.3	SURVEY F SECTORS 7,8	263 08 40 02	-39	-35.3	SURVEY F SECTORS 9,10
263 08 21 19	-75	-35.3	SURVEY F SECTORS 7,8	263 08 40 07	-33	-35.3	SURVEY F SECTORS 11,12
263 08 21 50	-72	-30.3	SURVEY F SECTORS 7,8	263 08 40 12	-30	-30.3	SURVEY F SECTORS 11,12
263 08 21 55	-78	-30.3	SURVEY F SECTORS 7,8	263 08 40 16	-36	-30.3	SURVEY F SECTORS 9,10
263 08 22 00	-84	-30.3	SURVEY F SECTORS 7,8	263 08 40 20	-42	-30.3	SURVEY F SECTORS 9,10
263 08 22 03	-90	-30.3	SURVEY F SECTORS 7,8	263 08 40 25	-48	-30.3	SURVEY F SECTORS 9,10
263 08 22 08	-96	-30.3	SURVEY F SECTORS 7,8	263 08 40 30	-54	-30.3	SURVEY F SECTORS 9,10
263 08 22 13	-102	-30.3	SURVEY F SECTORS 7,8	263 08 40 34	-60	-30.3	SURVEY F SECTORS 9,10
263 08 22 23	-105	-25.3	SURVEY F SECTORS 7,8	263 08 40 38	-66	-30.3	SURVEY F SECTORS 9,10
263 08 22 26	-99	-25.3	SURVEY F SECTORS 7,8	263 08 40 43	-69	-25.3	SURVEY F SECTORS 9,10
263 08 22 31	-93	-25.3	SURVEY F SECTORS 7,8	263 08 41 09	-69	-25.3	SURVEY F SECTORS 9,10
263 08 22 36	-87	-25.3	SURVEY F SECTORS 7,8	263 08 41 27	-63	-25.3	SURVEY F SECTORS 9,10
263 08 22 41	-81	-25.3	SURVEY F SECTORS 7,8	263 08 41 32	-57	-25.3	SURVEY F SECTORS 9,10
263 08 22 44	-75	-25.3	SURVEY F SECTORS 7,8	263 08 41 36	-51	-25.3	SURVEY F SECTORS 9,10
263 08 22 49	-72	-20.3	SURVEY F SECTORS 7,8	263 08 41 41	-45	-25.3	SURVEY F SECTORS 9,10
263 08 22 54	-78	-20.3	SURVEY F SECTORS 7,8	263 08 41 46	-39	-25.3	SURVEY F SECTORS 9,10
263 08 22 59	-84	-20.3	SURVEY F SECTORS 7,8	263 08 41 50	-33	-25.3	SURVEY F SECTORS 11,12
263 08 23 04	-90	-20.3	SURVEY F SECTORS 7,8	263 08 41 54	-30	-20.3	SURVEY F SECTORS 11,12
263 08 23 40	-90	-20.3	SURVEY F SECTORS 7,8	263 08 41 59	-36	-20.3	SURVEY F SECTORS 9,10
263 08 29 27	-96	-20.3	SURVEY F SECTORS 7,8	263 08 42 04	-42	-20.3	SURVEY F SECTORS 9,10
263 08 29 32	-102	-20.3	SURVEY F SECTORS 7,8	263 08 42 08	-48	-20.3	SURVEY F SECTORS 9,10
263 08 29 36	-105	-15.3	SURVEY F SECTORS 7,8	263 08 42 12	-54	-20.3	SURVEY F SECTORS 9,10
263 08 29 40	-99	-15.3	SURVEY F SECTORS 7,8	263 08 42 17	-60	-20.3	SURVEY F SECTORS 9,10
263 08 29 45	-93	-15.3	SURVEY F SECTORS 7,8	263 08 42 22	-66	-20.3	SURVEY F SECTORS 9,10
263 08 29 50	-87	-15.3	SURVEY F SECTORS 7,8	263 08 42 29	-69	-15.3	SURVEY F SECTORS 9,10
263 08 29 55	-81	-15.3	SURVEY F SECTORS 7,8	263 08 42 54	-69	-15.3	SURVEY F SECTORS 9,10
263 08 29 58	-75	-15.3	SURVEY F SECTORS 7,8	263 08 43 07	-63	-15.3	SURVEY F SECTORS 9,10
263 08 30 03	-72	-10.5	SURVEY F SECTORS 7,8	263 08 43 12	-57	-15.3	SURVEY F SECTORS 9,10
263 08 30 08	-78	-10.5	SURVEY F SECTORS 7,8	263 08 43 16	-51	-15.3	SURVEY F SECTORS 9,10
263 08 30 11	-84	-10.5	SURVEY F SECTORS 7,8	263 08 43 21	-45	-15.3	SURVEY F SECTORS 9,10
263 08 30 16	-90	-10.5	SURVEY F SECTORS 7,8	263 08 43 25	-39	-15.3	SURVEY F SECTORS 9,10
263 08 30 21	-96	-10.5	SURVEY F SECTORS 7,8	263 08 43 30	-33	-15.3	SURVEY F SECTORS 11,12
263 08 30 26	-102	-10.5	SURVEY F SECTORS 7,8	263 08 43 34	-30	-10.5	SURVEY F SECTORS 11,12
263 08 30 29	-105	-5.6	SURVEY F SECTORS 7,8	263 08 43 39	-36	-10.5	SURVEY F SECTORS 9,10
263 08 30 34	-99	-5.6	SURVEY F SECTORS 7,8	263 08 43 44	-42	-10.5	SURVEY F SECTORS 9,10
263 08 30 39	-93	-5.6	SURVEY F SECTORS 7,8	263 08 43 48	-48	-10.5	SURVEY F SECTORS 9,10
263 08 30 44	-87	-5.6	SURVEY F SECTORS 7,8	263 08 43 52	-54	-10.5	SURVEY F SECTORS 9,10
263 08 30 48	-81	-5.6	SURVEY F SECTORS 7,8	263 08 43 57	-60	-10.5	SURVEY F SECTORS 9,10
263 08 30 52	-75	-5.6	SURVEY F SECTORS 7,8	263 08 44 02	-66	-10.5	SURVEY F SECTORS 9,10
263 08 31 21	-69	-65.1	SURVEY F SECTORS 9,10	263 08 44 06	-69	-5.6	SURVEY F SECTORS 9,10
263 08 33 10	-69	-65.1	SURVEY F SECTORS 9,10	263 08 44 40	-69	-5.6	SURVEY F SECTORS 9,10

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
263 08 45 00	-63	-5.6	SURVEY F SECTORS 9,10	263 09 07 28	-21	-15.3	SURVEY F SECTORS 11,12
263 08 45 04	-57	-5.6	SURVEY F SECTORS 9,10	263 09 07 33	-15	-15.3	SURVEY F SECTORS 11,12
263 08 45 37	-57	-5.6	SURVEY F SECTORS 9,10	263 09 07 37	-9	-15.3	SURVEY F SECTORS 11,12
263 08 45 50	-51	-5.6	SURVEY F SECTORS 9,10	263 09 07 42	-3	-15.3	SURVEY F SECTORS 11,12
263 08 45 55	-45	-5.6	SURVEY F SECTORS 9,10	263 09 07 48	0	-10.5	SURVEY F SECTORS 11,12
263 08 46 18	-45	-5.6	SURVEY F SECTORS 9,10	263 09 07 53	-6	-10.5	SURVEY F SECTORS 11,12
263 08 46 30	-39	-5.6	SURVEY F SECTORS 9,10	263 09 07 58	-12	-10.5	SURVEY F SECTORS 11,12
263 08 46 35	-33	-5.6	SURVEY F SECTORS 11,12	263 09 08 03	-18	-10.5	SURVEY F SECTORS 11,12
263 08 46 40	-30	-0.7	SURVEY F SECTORS 11,12	263 09 08 06	-24	-10.5	SURVEY F SECTORS 11,12
263 08 46 44	-36	-0.7	SURVEY F SECTORS 9,10	263 09 08 12	-27	-5.6	SURVEY F SECTORS 11,12
263 08 46 48	-42	-0.7	SURVEY F SECTORS 9,10	263 09 08 39	-27	-5.6	SURVEY F SECTORS 11,12
263 08 46 53	-48	-0.7	SURVEY F SECTORS 9,10	263 09 08 52	-21	-5.6	SURVEY F SECTORS 11,12
263 08 47 25	-48	-0.7	SURVEY F SECTORS 9,10	263 09 08 57	-15	-5.6	SURVEY F SECTORS 11,12
263 08 47 37	-54	-0.7	SURVEY F SECTORS 9,10	263 09 09 01	-9	-5.6	SURVEY F SECTORS 11,12
263 08 47 42	-60	-0.7	SURVEY F SECTORS 9,10	263 09 09 05	-3	-5.6	SURVEY F SECTORS 11,12
263 08 52 52	-60	-0.7	SURVEY F SECTORS 9,10	263 09 09 10	0	-0.7	SURVEY F SECTORS 11,12
263 08 53 05	-66	-0.7	SURVEY F SECTORS 9,10	263 09 09 14	-6	-0.7	SURVEY F SECTORS 11,12
263 08 53 09	-69	4.3	SURVEY F SECTORS 9,10	263 09 09 19	-12	-0.7	SURVEY F SECTORS 11,12
263 08 53 14	-63	4.3	SURVEY F SECTORS 9,10	263 09 09 23	-18	-0.7	SURVEY F SECTORS 11,12
263 08 53 18	-57	4.3	SURVEY F SECTORS 9,10	263 09 09 28	-24	-0.7	SURVEY F SECTORS 11,12
263 08 53 23	-51	4.3	SURVEY F SECTORS 9,10	263 09 09 32	-27	4.3	SURVEY F SECTORS 11,12
263 08 53 27	-45	4.3	SURVEY F SECTORS 9,10	263 09 09 37	-21	4.3	SURVEY F SECTORS 11,12
263 08 54 02	-45	4.3	SURVEY F SECTORS 9,10	263 09 09 41	-15	4.3	SURVEY F SECTORS 11,12
263 08 54 15	-39	4.3	SURVEY F SECTORS 9,10	263 09 10 07	-15	4.3	SURVEY F SECTORS 11,12
263 08 54 20	-33	4.3	SURVEY F SECTORS 11,12	263 09 10 24	-9	4.3	SURVEY F SECTORS 11,12
263 08 54 51	-33	4.3	SURVEY F SECTORS 11,12	263 09 10 28	-3	4.3	SURVEY F SECTORS 11,12
263 08 55 13	-30	9.3	SURVEY F SECTORS 11,12	263 09 10 33	0	9.3	SURVEY F SECTORS 11,12
263 08 55 56	-36	9.3	SURVEY F SECTORS 9,10	263 09 10 56	0	9.3	SURVEY F SECTORS 11,12
263 08 56 32	-42	9.3	SURVEY F SECTORS 9,10	263 09 11 09	-6	9.3	SURVEY F SECTORS 11,12
263 08 56 55	-48	9.3	SURVEY F SECTORS 9,10	263 09 11 14	-12	9.3	SURVEY F SECTORS 11,12
263 08 57 25	-39	14.4	SURVEY F SECTORS 9,10	263 09 11 37	-12	9.3	SURVEY F SECTORS 11,12
263 08 57 50	-33	14.4	SURVEY F SECTORS 11,12	263 09 11 50	-18	9.3	SURVEY F SECTORS 11,12
263 08 59 14	-27	-65.1	SURVEY F SECTORS 11,12	263 09 11 55	-24	9.3	SURVEY F SECTORS 11,12
263 09 00 15	-27	-65.1	SURVEY F SECTORS 11,12	263 09 11 59	-27	14.4	SURVEY F SECTORS 11,12
263 09 01 22	-27	-65.1	SURVEY F SECTORS 11,12	263 09 12 25	-27	14.4	SURVEY F SECTORS 11,12
263 09 01 55	-27	-65.1	SURVEY F SECTORS 11,12	263 09 12 39	-21	14.4	SURVEY F SECTORS 11,12
263 09 02 00	-21	-65.1	SURVEY F SECTORS 11,12	263 09 12 43	-15	14.4	SURVEY F SECTORS 11,12
263 09 02 05	-15	-65.1	SURVEY F SECTORS 11,12	263 09 12 48	-9	14.4	SURVEY F SECTORS 11,12
263 09 02 10	-9	-65.1	SURVEY F SECTORS 11,12	263 09 13 15	-9	14.4	SURVEY F SECTORS 11,12
263 09 02 13	-3	-65.1	SURVEY F SECTORS 11,12	263 09 13 29	-3	14.4	SURVEY F SECTORS 11,12
263 09 02 18	0	-60.1	SURVEY F SECTORS 11,12	263 09 14 05	0	19.4	SURVEY F SECTORS 11,12
263 09 02 23	-6	-60.1	SURVEY F SECTORS 11,12	263 09 15 03	-6	19.4	SURVEY F SECTORS 11,12
263 09 02 28	-12	-60.1	SURVEY F SECTORS 11,12	263 09 15 25	-12	19.4	SURVEY F SECTORS 11,12
263 09 02 31	-18	-60.1	SURVEY F SECTORS 11,12	263 09 15 48	-18	19.4	SURVEY F SECTORS 11,12
263 09 02 36	-24	-60.1	SURVEY F SECTORS 11,12	263 09 16 12	-24	19.4	SURVEY F SECTORS 11,12
263 09 02 41	-27	-55.2	SURVEY F SECTORS 11,12	263 09 16 44	-9	24.3	SURVEY F SECTORS 11,12
263 09 02 46	-21	-55.2	SURVEY F SECTORS 11,12	263 09 17 07	-3	24.3	SURVEY F SECTORS 11,12
263 09 02 49	-15	-55.2	SURVEY F SECTORS 11,12	263 09 18 23	3	-65.1	SURVEY F SECTORS 13,14
263 09 02 54	-9	-55.2	SURVEY F SECTORS 11,12	263 09 22 10	9	-65.1	SURVEY F SECTORS 13,14
263 09 02 59	-3	-55.2	SURVEY F SECTORS 11,12	263 09 22 13	15	-65.1	SURVEY F SECTORS 13,14
263 09 03 03	0	-50.2	SURVEY F SECTORS 11,12	263 09 22 18	21	-65.1	SURVEY F SECTORS 13,14
263 09 03 08	-6	-50.2	SURVEY F SECTORS 11,12	263 09 22 23	27	-65.1	SURVEY F SECTORS 13,14
263 09 03 12	-12	-50.2	SURVEY F SECTORS 11,12	263 09 22 28	27	-65.1	SURVEY F SECTORS 13,14
263 09 03 17	-18	-50.2	SURVEY F SECTORS 11,12	263 09 22 28	30	-60.1	SURVEY F SECTORS 13,14
263 09 03 21	-24	-50.2	SURVEY F SECTORS 11,12	263 09 22 31	24	-60.1	SURVEY F SECTORS 13,14
263 09 03 26	-27	-45.3	SURVEY F SECTORS 11,12	263 09 22 36	18	-60.1	SURVEY F SECTORS 13,14
263 09 03 30	-21	-45.3	SURVEY F SECTORS 11,12	263 09 22 41	12	-60.1	SURVEY F SECTORS 13,14
263 09 03 35	-15	-45.3	SURVEY F SECTORS 11,12	263 09 22 45	6	-60.1	SURVEY F SECTORS 13,14
263 09 03 39	-9	-45.3	SURVEY F SECTORS 11,12	263 09 22 50	3	-55.2	SURVEY F SECTORS 13,14
263 09 03 44	-3	-45.3	SURVEY F SECTORS 11,12	263 09 22 54	9	-55.2	SURVEY F SECTORS 13,14
263 09 03 49	0	-40.3	SURVEY F SECTORS 11,12	263 09 22 59	15	-55.2	SURVEY F SECTORS 13,14
263 09 03 53	-6	-40.3	SURVEY F SECTORS 11,12	263 09 23 03	21	-55.2	SURVEY F SECTORS 13,14
263 09 03 57	-12	-40.3	SURVEY F SECTORS 11,12	263 09 23 08	27	-55.2	SURVEY F SECTORS 13,14
263 09 04 02	-18	-40.3	SURVEY F SECTORS 11,12	263 09 23 12	30	-50.2	SURVEY F SECTORS 13,14
263 09 04 07	-24	-40.3	SURVEY F SECTORS 11,12	263 09 23 17	24	-50.2	SURVEY F SECTORS 13,14
263 09 04 15	-27	-35.3	SURVEY F SECTORS 11,12	263 09 23 21	18	-50.2	SURVEY F SECTORS 13,14
263 09 04 42	-27	-35.3	SURVEY F SECTORS 11,12	263 09 23 26	12	-50.2	SURVEY F SECTORS 13,14
263 09 04 55	-21	-35.3	SURVEY F SECTORS 11,12	263 09 23 30	6	-50.2	SURVEY F SECTORS 13,14
263 09 05 00	-15	-35.3	SURVEY F SECTORS 11,12	263 09 23 35	3	-45.3	SURVEY F SECTORS 13,14
263 09 05 04	-9	-35.3	SURVEY F SECTORS 11,12	263 09 23 39	9	-45.3	SURVEY F SECTORS 13,14
263 09 05 08	-3	-35.3	SURVEY F SECTORS 11,12	263 09 23 44	15	-45.3	SURVEY F SECTORS 13,14
263 09 05 13	0	-30.3	SURVEY F SECTORS 11,12	263 09 23 49	21	-45.3	SURVEY F SECTORS 13,14
263 09 05 18	-6	-30.3	SURVEY F SECTORS 11,12	263 09 23 52	27	-45.3	SURVEY F SECTORS 13,14
263 09 05 21	-12	-30.3	SURVEY F SECTORS 11,12	263 09 23 57	30	-40.3	SURVEY F SECTORS 13,14
263 09 05 26	-18	-30.3	SURVEY F SECTORS 11,12	263 09 24 02	24	-40.3	SURVEY F SECTORS 13,14
263 09 05 31	-24	-30.3	SURVEY F SECTORS 11,12	263 09 24 07	18	-40.3	SURVEY F SECTORS 13,14
263 09 05 36	-27	-25.3	SURVEY F SECTORS 11,12	263 09 24 10	12	-40.3	SURVEY F SECTORS 13,14
263 09 06 00	-27	-25.3	SURVEY F SECTORS 11,12	263 09 24 15	6	-40.3	SURVEY F SECTORS 13,14
263 09 06 12	-21	-25.3	SURVEY F SECTORS 11,12	263 09 24 22	3	-35.3	SURVEY F SECTORS 13,14
263 09 06 17	-15	-25.3	SURVEY F SECTORS 11,12	263 09 24 27	9	-35.3	SURVEY F SECTORS 13,14
263 09 06 20	-9	-25.3	SURVEY F SECTORS 11,12	263 09 24 31	15	-35.3	SURVEY F SECTORS 13,14
263 09 06 25	-3	-25.3	SURVEY F SECTORS 11,12	263 09 24 36	21	-35.3	SURVEY F SECTORS 13,14
263 09 06 30	0	-20.3	SURVEY F SECTORS 11,12	263 09 24 40	27	-35.3	SURVEY F SECTORS 13,14
263 09 06 35	-6	-20.3	SURVEY F SECTORS 11,12	263 09 24 45	30	-30.3	SURVEY F SECTORS 13,14
263 09 06 38	-12	-20.3	SURVEY F SECTORS 11,12	263 09 24 49	24	-30.3	SURVEY F SECTORS 13,14
263 09 06 43	-18	-20.3	SURVEY F SECTORS 11,12	263 09 24 54	18	-30.3	SURVEY F SECTORS 13,14
263 09 06 48	-24	-20.3	SURVEY F SECTORS 11,12	263 09 24 58	12	-30.3	SURVEY F SECTORS 13,14
263 09 06 53	-27	-15.3	SURVEY F SECTORS 11,12	263 09 25 03	6	-30.3	SURVEY F SECTORS 13,14
263 09 07 16	-27	-15.3	SURVEY F SECTORS 11,12	263 09 25 07	3	-25.3	SURVEY F SECTORS 13,14

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
263 09 25 30	3	-25.3	SURVEY F SECTORS 13,14	263 09 38 10	48	-40.3	SURVEY F SECTORS 15,16
263 09 25 43	9	-25.3	SURVEY F SECTORS 13,14	263 09 38 15	42	-40.3	SURVEY F SECTORS 15,16
263 09 25 48	15	-25.3	SURVEY F SECTORS 13,14	263 09 38 18	36	-40.3	SURVEY F SECTORS 13,14
263 09 25 51	21	-25.3	SURVEY F SECTORS 13,14	263 09 38 25	33	-35.3	SURVEY F SECTORS 13,14
263 09 25 56	27	-25.3	SURVEY F SECTORS 13,14	263 09 38 30	39	-35.3	SURVEY F SECTORS 15,16
263 09 26 01	30	-20.3	SURVEY F SECTORS 13,14	263 09 38 35	45	-35.3	SURVEY F SECTORS 15,16
263 09 26 06	24	-20.3	SURVEY F SECTORS 13,14	263 09 38 39	51	-35.3	SURVEY F SECTORS 15,16
263 09 26 09	18	-20.3	SURVEY F SECTORS 13,14	263 09 38 44	57	-35.3	SURVEY F SECTORS 15,16
263 09 26 14	12	-20.3	SURVEY F SECTORS 13,14	263 09 38 48	60	-30.3	SURVEY F SECTORS 15,16
263 09 26 19	6	-20.3	SURVEY F SECTORS 13,14	263 09 38 53	54	-30.3	SURVEY F SECTORS 15,16
263 09 26 24	3	-15.3	SURVEY F SECTORS 13,14	263 09 38 57	48	-30.3	SURVEY F SECTORS 15,16
263 09 26 50	3	-15.3	SURVEY F SECTORS 13,14	263 09 39 02	42	-30.3	SURVEY F SECTORS 15,16
263 09 27 04	9	-15.3	SURVEY F SECTORS 13,14	263 09 39 06	36	-30.3	SURVEY F SECTORS 13,14
263 09 27 07	15	-15.3	SURVEY F SECTORS 13,14	263 09 39 11	33	-25.3	SURVEY F SECTORS 13,14
263 09 27 12	21	-15.3	SURVEY F SECTORS 13,14	263 09 39 34	33	-25.3	SURVEY F SECTORS 13,14
263 09 27 17	27	-15.3	SURVEY F SECTORS 13,14	263 09 39 46	39	-25.3	SURVEY F SECTORS 15,16
263 09 27 22	30	-10.5	SURVEY F SECTORS 13,14	263 09 39 51	45	-25.3	SURVEY F SECTORS 15,16
263 09 27 25	24	-10.5	SURVEY F SECTORS 13,14	263 09 39 56	51	-25.3	SURVEY F SECTORS 15,16
263 09 27 30	18	-10.5	SURVEY F SECTORS 13,14	263 09 40 01	57	-25.3	SURVEY F SECTORS 15,16
263 09 27 35	12	-10.5	SURVEY F SECTORS 13,14	263 09 40 04	60	-20.3	SURVEY F SECTORS 15,16
263 09 27 40	6	-10.5	SURVEY F SECTORS 13,14	263 09 40 09	54	-20.3	SURVEY F SECTORS 15,16
263 09 27 46	3	-5.6	SURVEY F SECTORS 13,14	263 09 40 14	48	-20.3	SURVEY F SECTORS 15,16
263 09 28 09	3	-5.6	SURVEY F SECTORS 13,14	263 09 40 19	42	-20.3	SURVEY F SECTORS 15,16
263 09 28 20	9	-5.6	SURVEY F SECTORS 13,14	263 09 40 22	36	-20.3	SURVEY F SECTORS 13,14
263 09 28 25	15	-5.6	SURVEY F SECTORS 13,14	263 09 40 45	36	-20.3	SURVEY F SECTORS 13,14
263 09 28 30	21	-5.6	SURVEY F SECTORS 13,14	263 09 40 57	33	-15.3	SURVEY F SECTORS 13,14
263 09 28 35	27	-5.6	SURVEY F SECTORS 13,14	263 09 41 02	39	-15.3	SURVEY F SECTORS 15,16
263 09 28 39	30	-0.7	SURVEY F SECTORS 13,14	263 09 41 07	45	-15.3	SURVEY F SECTORS 15,16
263 09 28 44	24	-0.7	SURVEY F SECTORS 13,14	263 09 41 12	51	-15.3	SURVEY F SECTORS 15,16
263 09 28 48	18	-0.7	SURVEY F SECTORS 13,14	263 09 41 15	57	-15.3	SURVEY F SECTORS 15,16
263 09 28 53	12	-0.7	SURVEY F SECTORS 13,14	263 09 41 20	60	-10.5	SURVEY F SECTORS 15,16
263 09 29 46	6	-0.7	SURVEY F SECTORS 13,14	263 09 41 25	54	-10.5	SURVEY F SECTORS 15,16
263 09 30 37	6	-0.7	SURVEY F SECTORS 13,14	263 09 41 30	48	-10.5	SURVEY F SECTORS 15,16
263 09 30 49	3	4.3	SURVEY F SECTORS 13,14	263 09 41 33	42	-10.5	SURVEY F SECTORS 15,16
263 09 30 54	9	4.3	SURVEY F SECTORS 13,14	263 09 41 38	36	-10.5	SURVEY F SECTORS 13,14
263 09 30 59	15	4.3	SURVEY F SECTORS 13,14	263 09 41 44	33	-5.6	SURVEY F SECTORS 13,14
263 09 31 02	21	4.3	SURVEY F SECTORS 13,14	263 09 42 07	33	-5.6	SURVEY F SECTORS 13,14
263 09 31 07	27	4.3	SURVEY F SECTORS 13,14	263 09 42 21	39	-5.6	SURVEY F SECTORS 15,16
263 09 31 12	30	9.3	SURVEY F SECTORS 13,14	263 09 42 26	45	-5.6	SURVEY F SECTORS 15,16
263 09 31 17	24	9.3	SURVEY F SECTORS 13,14	263 09 42 31	51	-5.6	SURVEY F SECTORS 15,16
263 09 31 20	18	9.3	SURVEY F SECTORS 13,14	263 09 42 35	57	-5.6	SURVEY F SECTORS 15,16
263 09 31 25	12	9.3	SURVEY F SECTORS 13,14	263 09 42 40	60	-0.7	SURVEY F SECTORS 15,16
263 09 31 30	6	9.3	SURVEY F SECTORS 13,14	263 09 42 44	54	-0.7	SURVEY F SECTORS 15,16
263 09 31 35	3	14.4	SURVEY F SECTORS 13,14	263 09 42 49	48	-0.7	SURVEY F SECTORS 15,16
263 09 31 38	9	14.4	SURVEY F SECTORS 13,14	263 09 42 53	42	-0.7	SURVEY F SECTORS 15,16
263 09 31 43	15	14.4	SURVEY F SECTORS 13,14	263 09 42 58	36	-0.7	SURVEY F SECTORS 13,14
263 09 31 48	21	14.4	SURVEY F SECTORS 13,14	263 09 44 40	36	-0.7	SURVEY F SECTORS 13,14
263 09 31 53	27	14.4	SURVEY F SECTORS 13,14	263 09 44 53	33	4.3	SURVEY F SECTORS 13,14
263 09 32 16	27	14.4	SURVEY F SECTORS 13,14	263 09 44 58	39	4.3	SURVEY F SECTORS 15,16
263 09 32 29	30	19.4	SURVEY F SECTORS 13,14	263 09 45 02	45	4.3	SURVEY F SECTORS 15,16
263 09 32 34	24	19.4	SURVEY F SECTORS 13,14	263 09 45 07	51	4.3	SURVEY F SECTORS 15,16
263 09 32 37	18	19.4	SURVEY F SECTORS 13,14	263 09 45 11	57	4.3	SURVEY F SECTORS 15,16
263 09 32 42	12	19.4	SURVEY F SECTORS 13,14	263 09 45 16	60	9.3	SURVEY F SECTORS 15,16
263 09 32 47	6	19.4	SURVEY F SECTORS 13,14	263 09 45 41	60	9.3	SURVEY F SECTORS 15,16
263 09 32 52	3	24.3	SURVEY F SECTORS 13,14	263 09 45 53	54	9.3	SURVEY F SECTORS 15,16
263 09 33 21	3	24.3	SURVEY F SECTORS 13,14	263 09 45 57	48	9.3	SURVEY F SECTORS 15,16
263 09 33 33	9	24.3	SURVEY F SECTORS 13,14	263 09 46 02	42	9.3	SURVEY F SECTORS 15,16
263 09 33 38	15	24.3	SURVEY F SECTORS 13,14	263 09 46 07	36	9.3	SURVEY F SECTORS 13,14
263 09 33 41	21	24.3	SURVEY F SECTORS 13,14	263 09 46 12	33	14.4	SURVEY F SECTORS 13,14
263 09 33 46	27	24.3	SURVEY F SECTORS 13,14	263 09 46 15	39	14.4	SURVEY F SECTORS 15,16
263 09 34 23	33	-65.1	SURVEY F SECTORS 13,14	263 09 46 20	45	14.4	SURVEY F SECTORS 15,16
263 09 35 27	33	-65.1	SURVEY F SECTORS 13,14	263 09 46 25	51	14.4	SURVEY F SECTORS 15,16
263 09 36 08	33	-65.1	SURVEY F SECTORS 13,14	263 09 46 30	57	14.4	SURVEY F SECTORS 15,16
263 09 36 13	39	-65.1	SURVEY F SECTORS 15,16	263 09 46 33	60	19.4	SURVEY F SECTORS 15,16
263 09 36 17	45	-65.1	SURVEY F SECTORS 15,16	263 09 47 20	60	19.4	SURVEY F SECTORS 15,16
263 09 36 21	51	-65.1	SURVEY F SECTORS 15,16	263 09 47 33	54	19.4	SURVEY F SECTORS 15,16
263 09 36 26	57	-65.1	SURVEY F SECTORS 15,16	263 09 47 37	48	19.4	SURVEY F SECTORS 15,16
263 09 36 31	60	-60.1	SURVEY F SECTORS 15,16	263 09 47 42	42	19.4	SURVEY F SECTORS 15,16
263 09 36 35	54	-60.1	SURVEY F SECTORS 15,16	263 09 47 47	36	19.4	SURVEY F SECTORS 13,14
263 09 36 39	48	-60.1	SURVEY F SECTORS 15,16	263 09 47 51	33	24.3	SURVEY F SECTORS 13,14
263 09 36 44	42	-60.1	SURVEY F SECTORS 15,16	263 09 48 19	33	24.3	SURVEY F SECTORS 13,14
263 09 36 49	36	-60.1	SURVEY F SECTORS 13,14	263 09 48 32	39	24.3	SURVEY F SECTORS 15,16
263 09 36 53	33	-55.2	SURVEY F SECTORS 13,14	263 09 48 36	45	24.3	SURVEY F SECTORS 15,16
263 09 36 58	39	-55.2	SURVEY F SECTORS 15,16	263 09 48 41	51	24.3	SURVEY F SECTORS 15,16
263 09 37 02	45	-55.2	SURVEY F SECTORS 15,16	263 09 48 46	57	29.2	SURVEY F SECTORS 15,16
263 09 37 07	51	-55.2	SURVEY F SECTORS 15,16	263 09 49 21	54	29.2	SURVEY F SECTORS 15,16
263 09 37 11	57	-55.2	SURVEY F SECTORS 15,16	263 09 49 39	48	29.2	SURVEY F SECTORS 15,16
263 09 37 16	60	-50.2	SURVEY F SECTORS 15,16	263 09 49 56	42	29.2	SURVEY F SECTORS 15,16
263 09 37 20	54	-50.2	SURVEY F SECTORS 15,16	263 09 50 14	36	29.2	SURVEY F SECTORS 13,14
263 09 37 24	48	-50.2	SURVEY F SECTORS 15,16	263 09 50 30	30	29.2	SURVEY F SECTORS 13,14
263 09 37 29	42	-50.2	SURVEY F SECTORS 15,16	263 09 50 47	24	29.2	SURVEY F SECTORS 13,14
263 09 37 34	36	-50.2	SURVEY F SECTORS 13,14	263 09 51 04	18	29.2	SURVEY F SECTORS 13,14
263 09 37 38	33	-45.3	SURVEY F SECTORS 13,14	263 09 51 21	12	29.2	SURVEY F SECTORS 13,14
263 09 37 42	39	-45.3	SURVEY F SECTORS 15,16	263 09 51 37	6	29.2	SURVEY F SECTORS 13,14
263 09 37 47	45	-45.3	SURVEY F SECTORS 15,16	263 09 55 34	0	29.2	SURVEY F SECTORS 11,12
263 09 37 52	51	-45.3	SURVEY F SECTORS 15,16	263 09 56 09	60	29.2	SURVEY F SECTORS 15,16
263 09 37 57	57	-45.3	SURVEY F SECTORS 15,16	263 09 57 14	63	-65.1	SURVEY F SECTORS 15,16
263 09 38 00	60	-40.3	SURVEY F SECTORS 15,16	263 09 57 55	69	-65.1	SURVEY F SECTORS 15,16
263 09 38 05	54	-40.3	SURVEY F SECTORS 15,16	263 09 58 00	75	-65.1	SURVEY F SECTORS 17,18

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
263 09 58 05	81	-65.1	SURVEY F SECTORS 17,18	263 10 11 12	81	4.3	SURVEY F SECTORS 17,18
263 09 58 08	87	-65.1	SURVEY F SECTORS 17,18	263 10 11 16	87	4.3	SURVEY F SECTORS 17,18
263 09 58 13	93	-65.1	SURVEY F SECTORS 17,18	263 10 11 21	93	4.3	SURVEY F SECTORS 17,18
263 09 58 18	96	-60.1	SURVEY F SECTORS 17,18	263 10 11 25	96	9.3	SURVEY F SECTORS 17,18
263 09 58 21	90	-60.1	SURVEY F SECTORS 17,18	263 10 11 30	90	9.3	SURVEY F SECTORS 17,18
263 09 58 26	84	-60.1	SURVEY F SECTORS 17,18	263 10 11 35	84	9.3	SURVEY F SECTORS 17,18
263 09 58 31	78	-60.1	SURVEY F SECTORS 17,18	263 10 11 40	78	9.3	SURVEY F SECTORS 17,18
263 09 58 36	72	-60.1	SURVEY F SECTORS 15,16	263 10 11 44	72	9.3	SURVEY F SECTORS 15,16
263 09 58 39	66	-60.1	SURVEY F SECTORS 15,16	263 10 11 48	66	9.3	SURVEY F SECTORS 15,16
263 09 58 44	63	-55.2	SURVEY F SECTORS 15,16	263 10 11 53	63	14.4	SURVEY F SECTORS 15,16
263 09 58 49	69	-55.2	SURVEY F SECTORS 15,16	263 10 12 20	63	14.4	SURVEY F SECTORS 15,16
263 09 58 54	75	-55.2	SURVEY F SECTORS 17,18	263 10 12 32	69	14.4	SURVEY F SECTORS 15,16
263 09 58 58	81	-55.2	SURVEY F SECTORS 17,18	263 10 12 35	75	14.4	SURVEY F SECTORS 17,18
263 09 59 02	87	-55.2	SURVEY F SECTORS 17,18	263 10 12 40	81	14.4	SURVEY F SECTORS 17,18
263 09 59 07	93	-55.2	SURVEY F SECTORS 17,18	263 10 12 45	87	14.4	SURVEY F SECTORS 17,18
263 09 59 12	96	-50.2	SURVEY F SECTORS 17,18	263 10 13 15	87	14.4	SURVEY F SECTORS 17,18
263 09 59 16	90	-50.2	SURVEY F SECTORS 17,18	263 10 13 27	93	14.4	SURVEY F SECTORS 17,18
263 09 59 20	84	-50.2	SURVEY F SECTORS 17,18	263 10 13 32	96	19.4	SURVEY F SECTORS 17,18
263 09 59 25	78	-50.2	SURVEY F SECTORS 17,18	263 10 13 37	90	19.4	SURVEY F SECTORS 17,18
263 09 59 30	72	-50.2	SURVEY F SECTORS 15,16	263 10 13 40	84	19.4	SURVEY F SECTORS 17,18
263 09 59 34	66	-50.2	SURVEY F SECTORS 15,16	263 10 13 45	78	19.4	SURVEY F SECTORS 17,18
263 09 59 38	63	-45.3	SURVEY F SECTORS 15,16	263 10 13 50	72	19.4	SURVEY F SECTORS 15,16
263 09 59 43	69	-45.3	SURVEY F SECTORS 15,16	263 10 13 55	66	19.4	SURVEY F SECTORS 15,16
263 09 59 47	75	-45.3	SURVEY F SECTORS 17,18	263 10 13 58	63	24.3	SURVEY F SECTORS 15,16
263 09 59 52	81	-45.3	SURVEY F SECTORS 17,18	263 10 14 03	69	24.3	SURVEY F SECTORS 15,16
263 09 59 57	87	-45.3	SURVEY F SECTORS 17,18	263 10 14 08	75	24.3	SURVEY F SECTORS 17,18
263 10 00 01	93	-45.3	SURVEY F SECTORS 17,18	263 10 14 13	81	24.3	SURVEY F SECTORS 17,18
263 10 00 05	96	-40.3	SURVEY F SECTORS 17,18	263 10 14 17	87	24.3	SURVEY F SECTORS 17,18
263 10 00 10	90	-40.3	SURVEY F SECTORS 17,18	263 10 14 21	93	24.3	SURVEY F SECTORS 17,18
263 10 00 56	90	-40.3	SURVEY F SECTORS 17,18	263 10 14 59	99	-65.1	SURVEY F SECTORS 17,18
263 10 01 09	84	-40.3	SURVEY F SECTORS 17,18	263 10 15 44	99	-65.1	SURVEY F SECTORS 17,18
263 10 01 12	78	-40.3	SURVEY F SECTORS 17,18	263 10 15 59	99	-65.1	SURVEY F SECTORS 17,18
263 10 01 17	72	-40.3	SURVEY F SECTORS 15,16	263 10 16 03	105	-65.1	SURVEY F SECTORS 17,18
263 10 01 22	66	-40.3	SURVEY F SECTORS 15,16	263 10 16 07	111	-65.1	SURVEY F SECTOR 19
263 10 01 29	63	-35.3	SURVEY F SECTORS 15,16	263 10 16 12	117	-65.1	SURVEY F SECTOR 19
263 10 01 33	69	-35.3	SURVEY F SECTORS 15,16	263 10 16 17	123	-65.1	SURVEY F SECTOR 19
263 10 01 38	75	-35.3	SURVEY F SECTORS 17,18	263 10 16 21	126	-60.1	SURVEY F SECTOR 19
263 10 01 43	81	-35.3	SURVEY F SECTORS 17,18	263 10 16 25	120	-60.1	SURVEY F SECTOR 19
263 10 01 47	87	-35.3	SURVEY F SECTORS 17,18	263 10 16 30	114	-60.1	SURVEY F SECTOR 19
263 10 01 51	93	-35.3	SURVEY F SECTORS 17,18	263 10 16 34	108	-60.1	SURVEY F SECTORS 17,18
263 10 01 56	96	-30.3	SURVEY F SECTORS 17,18	263 10 16 39	102	-60.1	SURVEY F SECTORS 17,18
263 10 02 01	90	-30.3	SURVEY F SECTORS 17,18	263 10 16 44	99	-55.2	SURVEY F SECTORS 17,18
263 10 02 05	84	-30.3	SURVEY F SECTORS 17,18	263 10 16 48	105	-55.2	SURVEY F SECTORS 17,18
263 10 02 09	78	-30.3	SURVEY F SECTORS 17,18	263 10 16 52	111	-55.2	SURVEY F SECTOR 19
263 10 02 14	72	-30.3	SURVEY F SECTORS 15,16	263 10 16 57	117	-55.2	SURVEY F SECTOR 19
263 10 02 19	66	-30.3	SURVEY F SECTORS 15,16	263 10 17 02	123	-55.2	SURVEY F SECTOR 19
263 10 02 23	63	-25.3	SURVEY F SECTORS 15,16	263 10 17 06	126	-50.2	SURVEY F SECTOR 19
263 10 02 46	63	-25.3	SURVEY F SECTORS 15,16	263 10 17 10	120	-50.2	SURVEY F SECTOR 19
263 10 02 58	69	-25.3	SURVEY F SECTORS 15,16	263 10 17 15	114	-50.2	SURVEY F SECTOR 19
263 10 03 03	75	-25.3	SURVEY F SECTORS 17,18	263 10 17 20	108	-50.2	SURVEY F SECTORS 17,18
263 10 03 08	81	-25.3	SURVEY F SECTORS 17,18	263 10 17 24	102	-50.2	SURVEY F SECTORS 17,18
263 10 03 12	87	-25.3	SURVEY F SECTORS 17,18	263 10 17 28	99	-45.3	SURVEY F SECTORS 17,18
263 10 03 16	93	-25.3	SURVEY F SECTORS 17,18	263 10 17 33	105	-45.3	SURVEY F SECTORS 17,18
263 10 03 21	96	-20.3	SURVEY F SECTORS 17,18	263 10 17 38	111	-45.3	SURVEY F SECTOR 19
263 10 03 26	90	-20.3	SURVEY F SECTORS 17,18	263 10 17 41	117	-45.3	SURVEY F SECTOR 19
263 10 03 31	84	-20.3	SURVEY F SECTORS 17,18	263 10 17 46	123	-45.3	SURVEY F SECTOR 19
263 10 03 35	78	-20.3	SURVEY F SECTORS 17,18	263 10 17 51	126	-40.3	SURVEY F SECTOR 19
263 10 03 39	72	-20.3	SURVEY F SECTORS 15,16	263 10 17 56	120	-40.3	SURVEY F SECTOR 19
263 10 03 44	66	-20.3	SURVEY F SECTORS 15,16	263 10 17 59	114	-40.3	SURVEY F SECTOR 19
263 10 03 49	63	-15.3	SURVEY F SECTORS 15,16	263 10 18 04	108	-40.3	SURVEY F SECTORS 17,18
263 10 07 48	63	-15.3	SURVEY F SECTORS 15,16	263 10 18 09	102	-40.3	SURVEY F SECTORS 17,18
263 10 08 01	69	-15.3	SURVEY F SECTORS 15,16	263 10 18 38	102	-40.3	SURVEY F SECTORS 17,18
263 10 08 06	75	-15.3	SURVEY F SECTORS 17,18	263 10 18 51	99	-35.3	SURVEY F SECTORS 17,18
263 10 08 10	81	-15.3	SURVEY F SECTORS 17,18	263 10 18 56	105	-35.3	SURVEY F SECTORS 17,18
263 10 08 14	87	-15.3	SURVEY F SECTORS 17,18	263 10 19 01	111	-35.3	SURVEY F SECTOR 19
263 10 08 19	93	-15.3	SURVEY F SECTORS 17,18	263 10 19 04	117	-35.3	SURVEY F SECTOR 19
263 10 08 24	96	-10.5	SURVEY F SECTORS 17,18	263 10 19 09	123	-35.3	SURVEY F SECTOR 19
263 10 08 28	90	-10.5	SURVEY F SECTORS 17,18	263 10 19 14	126	-30.3	SURVEY F SECTOR 19
263 10 08 32	84	-10.5	SURVEY F SECTORS 17,18	263 10 19 19	120	-30.3	SURVEY F SECTOR 19
263 10 08 37	78	-10.5	SURVEY F SECTORS 17,18	263 10 19 22	114	-30.3	SURVEY F SECTOR 19
263 10 08 42	72	-10.5	SURVEY F SECTORS 15,16	263 10 19 26	108	-30.3	SURVEY F SECTORS 17,18
263 10 08 45	66	-10.5	SURVEY F SECTORS 15,16	263 10 19 32	102	-30.3	SURVEY F SECTORS 17,18
263 10 08 53	63	-5.6	SURVEY F SECTORS 15,16	263 10 19 37	99	-25.3	SURVEY F SECTORS 17,18
263 10 09 15	63	-5.6	SURVEY F SECTORS 15,16	263 10 19 41	105	-25.3	SURVEY F SECTORS 17,18
263 10 09 34	69	-5.6	SURVEY F SECTORS 15,16	263 10 19 45	111	-25.3	SURVEY F SECTOR 19
263 10 09 38	75	-5.6	SURVEY F SECTORS 17,18	263 10 19 50	117	-25.3	SURVEY F SECTOR 19
263 10 09 43	81	-5.6	SURVEY F SECTORS 17,18	263 10 19 55	123	-25.3	SURVEY F SECTOR 19
263 10 09 48	87	-5.6	SURVEY F SECTORS 17,18	263 10 20 00	126	-20.3	SURVEY F SECTOR 19
263 10 09 52	93	-5.6	SURVEY F SECTORS 17,18	263 10 20 03	120	-20.3	SURVEY F SECTOR 19
263 10 09 56	96	-0.7	SURVEY F SECTORS 17,18	263 10 20 08	114	-20.3	SURVEY F SECTOR 19
263 10 10 01	90	-0.7	SURVEY F SECTORS 17,18	263 10 20 13	108	-20.3	SURVEY F SECTORS 17,18
263 10 10 05	84	-0.7	SURVEY F SECTORS 17,18	263 10 20 18	102	-20.3	SURVEY F SECTORS 17,18
263 10 10 10	78	-0.7	SURVEY F SECTORS 17,18	263 10 20 21	99	-15.3	SURVEY F SECTORS 17,18
263 10 10 14	72	-0.7	SURVEY F SECTORS 15,16	263 10 20 26	105	-15.3	SURVEY F SECTORS 17,18
263 10 10 19	66	-0.7	SURVEY F SECTORS 15,16	263 10 20 31	111	-15.3	SURVEY F SECTOR 19
263 10 10 23	63	4.3	SURVEY F SECTORS 15,16	263 10 20 36	117	-15.3	SURVEY F SECTOR 19
263 10 10 51	63	4.3	SURVEY F SECTORS 15,16	263 10 20 40	123	-15.3	SURVEY F SECTOR 19
263 10 11 03	69	4.3	SURVEY F SECTORS 15,16	263 10 20 47	126	-10.5	SURVEY F SECTOR 19
263 10 11 07	75	4.3	SURVEY F SECTORS 17,18	263 10 20 50	120	-10.5	SURVEY F SECTOR 19

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
263 10 20 55	114	-10.5	SURVEY F SECTOR 19	263 11 19 51	-90	-50.2	SPECIAL I
263 10 21 00	108	-10.5	SURVEY F SECTORS 17,18	263 11 20 14	-72	-50.2	SPECIAL I
263 10 21 05	102	-10.5	SURVEY F SECTORS 17,18	263 11 20 19	-72	-50.2	SPECIAL I
263 10 21 08	99	-5.6	SURVEY F SECTORS 17,18	263 11 24 09	-72	-50.2	SPECIAL I
263 10 21 13	105	-5.6	SURVEY F SECTORS 17,18	263 11 24 14	-72	-50.2	SPECIAL I
263 10 21 18	111	-5.6	SURVEY F SECTOR 19	263 11 24 30	-72	-50.2	SPECIAL I
263 10 21 23	117	-5.6	SURVEY F SECTOR 19	263 11 24 34	-72	-50.2	SPECIAL I
263 10 21 26	123	-5.6	SURVEY F SECTOR 19	263 11 25 06	-72	-50.2	SPECIAL I
263 10 21 32	126	-0.7	SURVEY F SECTOR 19	263 11 25 11	-72	-50.2	SPECIAL I
263 10 21 37	120	-0.7	SURVEY F SECTOR 19	263 11 25 49	-72	-50.2	SPECIAL I
263 10 21 42	114	-0.7	SURVEY F SECTOR 19	263 11 26 13	-54	-50.2	SPECIAL I
263 10 21 47	108	-0.7	SURVEY F SECTORS 17,18	263 11 26 18	-54	-50.2	SPECIAL I
263 10 21 50	102	-0.7	SURVEY F SECTORS 17,18	263 11 26 46	-54	-50.2	SPECIAL I
263 10 21 55	99	4.3	SURVEY F SECTORS 17,18	263 11 26 52	-54	-50.2	SPECIAL I
263 10 22 00	105	4.3	SURVEY F SECTORS 17,18	263 11 27 08	-54	-50.2	SPECIAL I
263 10 22 34	105	4.3	SURVEY F SECTORS 17,18	263 11 27 13	-54	-50.2	SPECIAL I
263 10 22 47	111	4.3	SURVEY F SECTOR 19	263 11 27 43	-54	-50.2	SPECIAL I
263 10 22 52	117	4.3	SURVEY F SECTOR 19	263 11 27 48	-54	-50.2	SPECIAL I
263 10 22 56	123	4.3	SURVEY F SECTOR 19	263 11 28 26	-54	-50.2	SPECIAL I
263 10 23 00	126	9.3	SURVEY F SECTOR 19	263 11 28 51	-36	-50.2	SPECIAL I
263 10 23 05	120	9.3	SURVEY F SECTOR 19	263 11 28 55	-36	-50.2	SPECIAL I
263 10 23 10	114	9.3	SURVEY F SECTOR 19	263 11 29 24	-36	-50.2	SPECIAL I
263 10 23 14	108	9.3	SURVEY F SECTORS 17,18	263 11 29 29	-36	-50.2	SPECIAL I
263 10 23 18	102	9.3	SURVEY F SECTORS 17,18	263 11 29 45	-36	-50.2	SPECIAL I
263 10 23 23	99	14.4	SURVEY F SECTORS 17,18	263 11 29 49	-36	-50.2	SPECIAL I
263 10 23 27	105	14.4	SURVEY F SECTORS 17,18	263 11 30 20	-36	-50.2	SPECIAL I
263 10 23 32	111	14.4	SURVEY F SECTOR 19	263 11 30 24	-36	-50.2	SPECIAL I
263 10 23 36	117	14.4	SURVEY F SECTOR 19	263 11 31 04	-36	-50.2	SPECIAL I
263 10 23 41	123	14.4	SURVEY F SECTOR 19	263 11 31 27	-36	-65.1	SPECIAL I
263 10 24 35	63	-65.1	SURVEY F SECTOR 19	263 11 31 32	-36	-65.1	SPECIAL I
263 10 25 02	3	-65.1	SURVEY F SECTOR 19	263 11 32 00	-36	-65.1	SPECIAL I
263 10 25 32	-60	-55.2	SURVEY F SECTOR 19	263 11 32 05	-36	-65.1	SPECIAL I
263 10 55 45	-57	-60.1	MAGNETS J	263 11 32 21	-36	-65.1	SPECIAL I
263 10 56 19	-54	-55.2	MAGNETS J	263 11 32 26	-36	-65.1	SPECIAL I
263 10 56 40	-54	-55.2	MAGNETS J	263 11 32 54	-36	-65.1	SPECIAL I
263 10 57 21	-57	-60.1	MAGNETS J	263 11 32 59	-36	-65.1	SPECIAL I
263 10 58 52	-54	-65.1	MAGNETS J	263 11 33 38	-36	-65.1	SPECIAL I
263 10 59 55	-54	-55.2	MAGNETS J	263 11 34 00	-54	-65.1	SPECIAL I
263 11 00 00	-66	-55.2	MAGNETS J	263 11 34 06	-54	-65.1	SPECIAL I
263 11 00 05	-66	-65.1	MAGNETS J	263 11 34 33	-54	-65.1	SPECIAL I
263 11 00 36	-72	-70.1	SPECIAL I	263 11 34 38	-54	-65.1	SPECIAL I
263 11 01 39	-72	-70.1	SPECIAL I	263 11 34 53	-54	-65.1	SPECIAL I
263 11 01 59	-72	-70.1	SPECIAL I	263 11 34 58	-54	-65.1	SPECIAL I
263 11 02 17	-78	-70.1	SPECIAL I	263 11 35 29	-54	-65.1	SPECIAL I
263 11 02 35	-78	-70.1	SPECIAL I	263 11 35 34	-54	-65.1	SPECIAL I
263 11 03 22	-78	-60.1	SPECIAL I	263 11 36 14	-54	-65.1	SPECIAL I
263 11 03 44	-84	-60.1	SPECIAL I	263 11 36 39	-75	-65.1	SPECIAL I
263 11 04 01	-90	-60.1	SPECIAL I	263 11 36 45	-75	-65.1	SPECIAL I
263 11 04 18	-96	-60.1	SPECIAL I	263 11 37 13	-75	-65.1	SPECIAL I
263 11 04 42	-93	-65.1	SPECIAL I	263 11 37 17	-75	-65.1	SPECIAL I
263 11 05 11	-87	-65.1	SPECIAL I	263 11 37 33	-75	-65.1	SPECIAL I
263 11 05 26	-81	-65.1	SPECIAL I	263 11 37 38	-75	-65.1	SPECIAL I
263 11 05 47	-75	-70.1	SPECIAL I	263 11 38 19	-75	-65.1	SPECIAL I
263 11 07 06	-72	-65.1	SPECIAL I	263 11 38 24	-75	-65.1	SPECIAL I
263 11 07 11	-72	-65.1	SPECIAL I	263 11 39 02	-75	-65.1	SPECIAL I
263 11 07 39	-72	-65.1	SPECIAL I	263 11 40 36	-75	-70.1	SPECIAL I
263 11 07 45	-72	-65.1	SPECIAL I	263 11 41 28	-72	-70.1	SPECIAL I
263 11 08 00	-72	-65.1	SPECIAL I	263 11 41 32	-66	-70.1	SPECIAL I
263 11 08 05	-72	-65.1	SPECIAL I	263 11 41 36	-60	-70.1	SPECIAL I
263 11 08 39	-72	-65.1	SPECIAL I	263 11 41 41	-54	-70.1	SPECIAL I
263 11 08 43	-72	-65.1	SPECIAL I	263 11 41 46	-48	-70.1	SPECIAL I
263 11 09 23	-72	-65.1	SPECIAL I	263 11 41 49	-42	-70.1	SPECIAL I
263 11 09 52	-90	-65.1	SPECIAL I	263 11 41 55	-39	-65.1	SPECIAL I
263 11 09 57	-90	-65.1	SPECIAL I	263 11 42 00	-45	-65.1	SPECIAL I
263 11 10 31	-90	-65.1	SPECIAL I	263 11 42 05	-51	-65.1	SPECIAL I
263 11 10 36	-90	-65.1	SPECIAL I	263 11 42 09	-57	-65.1	SPECIAL I
263 11 11 00	-90	-65.1	SPECIAL I	263 11 42 13	-63	-65.1	SPECIAL I
263 11 11 05	-90	-65.1	SPECIAL I	263 11 42 18	-69	-65.1	SPECIAL I
263 11 11 39	-90	-65.1	SPECIAL I	263 11 42 22	-75	-65.1	SPECIAL I
263 11 11 44	-90	-65.1	SPECIAL I	263 11 42 27	-78	-65.1	SPECIAL I
263 11 12 24	-90	-65.1	SPECIAL I	263 11 42 32	-78	-60.1	SPECIAL I
263 11 12 51	-108	-65.1	SPECIAL I	263 11 42 36	-72	-60.1	SPECIAL I
263 11 12 56	-108	-65.1	SPECIAL I	263 11 42 40	-69	-60.1	SPECIAL I
263 11 13 26	-108	-65.1	SPECIAL I	263 11 42 45	-66	-60.1	SPECIAL I
263 11 13 31	-108	-65.1	SPECIAL I	263 11 42 50	-60	-60.1	SPECIAL I
263 11 13 50	-108	-65.1	SPECIAL I	263 11 42 54	-54	-60.1	SPECIAL I
263 11 13 55	-108	-65.1	SPECIAL I	263 11 42 59	-48	-60.1	SPECIAL I
263 11 14 27	-108	-65.1	SPECIAL I	263 11 43 04	-42	-60.1	SPECIAL I
263 11 14 32	-108	-65.1	SPECIAL I	263 11 43 09	-45	-55.2	SPECIAL I
263 11 15 18	-108	-65.1	SPECIAL I	263 11 43 13	-51	-55.2	SPECIAL I
263 11 15 55	-90	-55.2	SPECIAL I	263 11 43 17	-54	-55.2	SPECIAL I
263 11 16 01	-90	-55.2	SPECIAL I	263 11 43 22	-57	-55.2	SPECIAL I
263 11 17 38	-90	-50.2	SPECIAL I	263 11 43 27	-60	-55.2	SPECIAL I
263 11 17 43	-90	-50.2	SPECIAL I	263 11 43 31	-63	-55.2	SPECIAL I
263 11 18 03	-90	-50.2	SPECIAL I	263 11 43 35	-66	-55.2	SPECIAL I
263 11 18 08	-90	-50.2	SPECIAL I	263 11 43 40	-69	-55.2	SPECIAL I
263 11 18 50	-90	-50.2	SPECIAL I	263 11 43 45	-72	-55.2	SPECIAL I
263 11 18 55	-90	-50.2	SPECIAL I	263 11 43 49	-75	-55.2	SPECIAL I
263 11 19 38	-90	-50.2	SPECIAL I	263 11 43 53	-72	-50.2	SPECIAL I

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
263 11 43 58	-66	-50.2	SPECIAL I	263 13 21 25	72	-50.2	SURVEY W-Q
263 11 44 02	-60	-50.2	SPECIAL I	263 13 21 30	72	-35.3	SURVEY W-Q
263 11 44 07	-54	-50.2	SPECIAL I	263 13 21 34	72	-20.3	SURVEY W-Q
263 11 44 12	-48	-50.2	SPECIAL I	263 13 21 39	72	-5.6	SURVEY W-Q
263 11 46 12	-195	-40.3	MIRROR I	263 13 21 44	72	9.3	SURVEY W-Q
263 11 46 44	-201	-40.3	MIRROR I	263 13 21 48	72	24.3	SURVEY W-Q
263 11 46 49	-207	-40.3	MIRROR I	263 13 21 53	90	24.3	SURVEY W-Q
263 11 46 54	-213	-40.3	MIRROR I	263 13 21 58	90	9.3	SURVEY W-Q
263 11 47 05	-213	-40.3	MIRROR I	263 13 22 03	90	-5.6	SURVEY W-Q
263 11 47 08	-213	-35.3	MIRROR I	263 13 22 06	90	-20.3	SURVEY W-Q
263 11 47 13	-210	-35.3	MIRROR I	263 13 22 11	90	-35.3	SURVEY W-Q
263 11 47 18	-207	-35.3	MIRROR I	263 13 22 16	90	-50.2	SURVEY W-Q
263 11 47 23	-204	-35.3	MIRROR I	263 13 22 23	108	-50.2	SURVEY W-Q
263 11 47 26	-201	-35.3	MIRROR I	263 13 22 28	108	-35.3	SURVEY W-Q
263 11 47 31	-198	-40.3	MIRROR I	263 13 22 33	108	-20.3	SURVEY W-Q
263 11 47 37	-201	-40.3	MIRROR I	263 13 22 36	108	-5.6	SURVEY W-Q
263 11 47 44	-204	-40.3	MIRROR I	263 13 22 41	108	9.3	SURVEY W-Q
263 11 47 49	-207	-40.3	MIRROR I	263 13 22 47	126	9.3	SURVEY W-Q
263 11 47 55	-210	-40.3	MIRROR I	263 13 22 51	126	-5.6	SURVEY W-Q
263 11 48 01	-210	-45.3	MIRROR I	263 13 22 56	126	-20.3	SURVEY W-Q
263 11 48 06	-207	-45.3	MIRROR I	263 13 23 00	126	-35.3	SURVEY W-Q
263 11 48 11	-204	-45.3	MIRROR I	263 13 23 05	126	-50.2	SURVEY W-Q
263 11 48 16	-201	-45.3	MIRROR I	263 13 23 11	126	-65.1	SURVEY W-Q
263 11 48 19	-198	-45.3	MIRROR I	263 13 23 16	108	-65.1	SURVEY W-Q
263 11 48 24	-195	-45.3	MIRROR I	263 13 23 22	90	-65.1	SURVEY W-Q
263 11 48 59	-195	-45.3	MIRROR I	263 13 23 27	72	-65.1	SURVEY W-Q
263 11 50 31	-168	-35.3	SPECIAL I	263 13 23 33	54	-65.1	SURVEY W-Q
263 11 51 07	-168	-35.3	SPECIAL I	263 13 23 38	36	-65.1	SURVEY W-Q
263 11 51 35	-168	-35.3	SPECIAL I	263 13 23 44	18	-65.1	SURVEY W-Q
263 11 51 45	-168	-35.3	SPECIAL I	263 13 23 50	0	-65.1	SURVEY W-Q
263 11 52 03	-168	-35.3	SPECIAL I	263 13 23 55	-18	-65.1	SURVEY W-Q
263 11 52 14	-168	-35.3	SPECIAL I	263 13 24 01	-36	-65.1	SURVEY W-Q
263 11 54 31	-219	-55.2	SPECIAL I	263 13 24 05	-54	-65.1	SURVEY W-Q
263 11 55 13	-222	-50.2	SPECIAL I	263 13 24 17	-90	-50.2	SURVEY W-Q
263 11 55 35	-222	-40.3	SPECIAL I	263 13 24 22	-90	-35.3	SURVEY W-Q
263 11 56 34	-204	-35.3	SPECIAL I	263 13 24 27	-90	-20.3	SURVEY W-Q
263 11 56 57	-204	-55.2	SPECIAL I	263 13 24 32	-90	-5.6	SURVEY W-Q
263 11 57 51	-204	-55.2	SPECIAL I	263 13 24 37	-108	-5.6	SURVEY W-Q
263 12 01 46	-60	-60.1	SPECIAL I	263 13 24 41	-108	-20.3	SURVEY W-Q
263 13 13 20	-54	-65.1	SURVEY W-Q	263 13 24 46	-108	-35.3	SURVEY W-Q
263 13 16 00	-54	-65.1	SURVEY W-Q	263 13 25 08	-108	-50.2	SURVEY W-Q
263 13 16 23	-54	-65.1	SURVEY W-Q	263 13 26 24	-126	-50.2	SURVEY W-Q
263 13 16 52	-72	-65.1	SURVEY W-Q	263 13 26 29	-126	-35.3	SURVEY W-Q
263 13 16 58	-72	-50.2	SURVEY W-Q	263 13 26 34	-126	-20.3	SURVEY W-Q
263 13 17 02	-72	-35.3	SURVEY W-Q	263 13 26 37	-126	-5.6	SURVEY W-Q
263 13 17 06	-72	-20.3	SURVEY W-Q	263 13 26 43	-144	-5.6	SURVEY W-Q
263 13 17 11	-72	-5.6	SURVEY W-Q	263 13 26 48	-144	-20.3	SURVEY W-Q
263 13 17 16	-72	9.3	SURVEY W-Q	263 13 26 52	-144	-35.3	SURVEY W-Q
263 13 17 20	-54	9.3	SURVEY W-Q	263 13 26 56	-144	-50.2	SURVEY W-Q
263 13 17 25	-54	-5.6	SURVEY W-Q	263 13 27 02	-162	-50.2	SURVEY W-Q
263 13 17 30	-54	-20.3	SURVEY W-Q	263 13 27 06	-162	-35.3	SURVEY W-Q
263 13 17 35	-54	-35.3	SURVEY W-Q	263 13 27 11	-162	-20.3	SURVEY W-Q
263 13 17 38	-54	-50.2	SURVEY W-Q	263 13 27 16	-162	-5.6	SURVEY W-Q
263 13 17 44	-36	-50.2	SURVEY W-Q	263 13 27 20	-180	-5.6	SURVEY W-Q
263 13 17 49	-36	-35.3	SURVEY W-Q	263 13 27 25	-177	-20.3	SURVEY W-Q
263 13 17 53	-36	-20.3	SURVEY W-Q	263 13 27 30	-177	-35.3	SURVEY W-Q
263 13 17 58	-36	-5.6	SURVEY W-Q	263 13 27 35	-177	-50.2	SURVEY W-Q
263 13 18 02	-36	9.3	SURVEY W-Q	263 13 27 42	-198	-50.2	SURVEY W-Q
263 13 18 07	-18	9.3	SURVEY W-Q	263 13 27 47	-198	-35.3	SURVEY W-Q
263 13 18 32	-18	24.3	SURVEY W-Q	263 13 27 50	-198	-20.3	SURVEY W-Q
263 13 18 51	-18	9.3	SURVEY W-Q	263 13 27 55	-198	-5.6	SURVEY W-Q
263 13 19 12	-18	-5.6	SURVEY W-Q	263 13 28 00	-198	9.3	SURVEY W-Q
263 13 19 17	-18	-20.3	SURVEY W-Q	263 13 28 05	-216	9.3	SURVEY W-Q
263 13 19 22	-18	-35.3	SURVEY W-Q	263 13 28 10	-216	-5.6	SURVEY W-Q
263 13 19 25	-18	-50.2	SURVEY W-Q	263 13 28 14	-216	-20.3	SURVEY W-Q
263 13 19 34	0	-50.2	SURVEY W-Q	263 13 28 19	-216	-35.3	SURVEY W-Q
263 13 19 37	0	-35.3	SURVEY W-Q	263 13 28 23	-216	-50.2	SURVEY W-Q
263 13 19 42	0	-20.3	SURVEY W-Q	263 13 28 29	-216	-65.1	SURVEY W-Q
263 13 19 47	0	-5.6	SURVEY W-Q	263 13 28 35	-198	-65.1	SURVEY W-Q
263 13 19 52	0	9.3	SURVEY W-Q	263 13 28 41	-180	-65.1	SURVEY W-Q
263 13 19 55	0	24.3	SURVEY W-Q	263 13 28 46	-162	-65.1	SURVEY W-Q
263 13 20 01	18	24.3	SURVEY W-Q	263 13 28 52	-144	-65.1	SURVEY W-Q
263 13 20 06	18	9.3	SURVEY W-Q	263 13 28 57	-126	-65.1	SURVEY W-Q
263 13 20 10	18	-5.6	SURVEY W-Q	263 13 29 03	-108	-65.1	SURVEY W-Q
263 13 20 15	18	-20.3	SURVEY W-Q	263 13 29 09	-90	-65.1	SURVEY W-Q
263 13 20 19	18	-35.3	SURVEY W-Q	263 13 29 17	-54	-65.1	SURVEY W-Q
263 13 20 24	18	-50.2	SURVEY W-Q	263 13 29 42	-144	-70.1	SPAC TV GAIN MARGIN TEST
263 13 20 29	36	-50.2	SURVEY W-Q	263 13 30 01	-126	-70.1	SPAC TV GAIN MARGIN TEST
263 13 20 34	36	-35.3	SURVEY W-Q	263 13 30 06	-108	-70.1	SPAC TV GAIN MARGIN TEST
263 13 20 39	36	-20.3	SURVEY W-Q	263 13 30 12	-90	-70.1	SPAC TV GAIN MARGIN TEST
263 13 20 42	36	-5.6	SURVEY W-Q	263 13 30 20	-54	-70.1	SPAC TV GAIN MARGIN TEST
263 13 20 47	36	9.3	SURVEY W-Q	263 13 30 38	-60	-60.1	SPAC TV GAIN MARGIN TEST
263 13 20 52	36	24.3	SURVEY W-Q	263 13 35 01	-60	-60.1	SPAC TV GAIN MARGIN TEST
263 13 20 58	54	24.3	SURVEY W-Q	263 13 35 15	-60	-60.1	SPAC TV GAIN MARGIN TEST
263 13 21 01	54	9.3	SURVEY W-Q	263 16 57 41	-60	-60.1	SPAC TV GAIN MARGIN TEST
263 13 21 06	54	-5.6	SURVEY W-Q	263 17 01 21	-60	-60.1	SPAC TV GAIN MARGIN TEST
263 13 21 11	54	-20.3	SURVEY W-Q	263 17 05 43	-60	-60.1	SPAC TV GAIN MARGIN TEST
263 13 21 15	54	-35.3	SURVEY W-Q	263 17 08 39	-60	-60.1	SPAC TV GAIN MARGIN TEST
263 13 21 19	54	-50.2	SURVEY W-Q	263 17 09 38	-60	-60.1	SPAC TV GAIN MARGIN TEST

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
263 17 10 31	-60	-60.1	SPAC TV GAIN MARGIN TEST				
263 17 11 29	-60	-60.1	SPAC TV GAIN MARGIN TEST				
263 17 12 11	-60	-60.1	SPAC TV GAIN MARGIN TEST				
263 17 12 56	-60	-60.1	SPAC TV GAIN MARGIN TEST				
263 17 13 29	-60	-60.1	SPAC TV GAIN MARGIN TEST				
263 17 14 04	-60	-60.1	SPAC TV GAIN MARGIN TEST				
263 17 14 41	-60	-60.1	SPAC TV GAIN MARGIN TEST				
263 17 15 15	-60	-60.1	SPAC TV GAIN MARGIN TEST				
263 17 16 23	-60	-60.1	SPAC TV GAIN MARGIN TEST				
263 17 17 19	-60	-60.1	SPAC TV GAIN MARGIN TEST				
263 17 18 07	-60	-60.1	SPAC TV GAIN MARGIN TEST				
263 17 19 25	-60	-60.1	SPAC TV GAIN MARGIN TEST				
263 17 21 30	-60	-60.1	SPAC TV GAIN MARGIN TEST				
263 17 22 12	-60	-60.1	SPAC TV GAIN MARGIN TEST				
263 17 23 02	-60	-60.1	SPAC TV GAIN MARGIN TEST				
263 17 42 46	-60	-60.1	SPAC TV GAIN MARGIN TEST				
263 17 46 40	-120	-60.1	ROCK B				
263 17 47 39	-120	-60.1	ROCK B				
263 17 48 14	-120	-60.1	ROCK B				
263 17 48 59	-120	-60.1	ROCK B				
263 17 50 20	-120	-60.1	ROCK B				
263 17 52 01	-120	-60.1	ROCK B				
263 17 52 42	-120	-60.1	ROCK B				
263 17 53 15	-120	-60.1	ROCK B				
263 17 54 13	-120	-60.1	ROCK B				
263 17 57 42	-120	-60.1	ROCK B				
263 17 58 23	-120	-60.1	ROCK B				
263 17 59 02	-120	-60.1	ROCK B				
263 17 59 30	-120	-60.1	ROCK B				
263 17 59 58	-120	-60.1	ROCK B				
263 18 00 26	-120	-60.1	ROCK B				
263 18 01 00	-120	-60.1	ROCK B				
263 18 01 43	-120	-60.1	ROCK B				
263 18 02 18	-120	-60.1	ROCK B				
263 18 02 52	-120	-60.1	ROCK B				
263 18 03 29	-120	-60.1	ROCK B				
263 18 04 50	-120	-60.1	ROCK B				

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
264 03 59 20	-60	-60.1	PHOTOMETRY I	264 04 15 57	75	24.3	PHOTOMETRY I
264 04 00 46	-60	-60.1	PHOTOMETRY I	264 04 16 05	75	24.3	PHOTOMETRY I
264 04 00 54	-60	-60.1	PHOTOMETRY I	264 04 16 21	72	14.4	PHOTOMETRY I
264 04 01 03	-60	-60.1	PHOTOMETRY I	264 04 16 30	72	14.4	PHOTOMETRY I
264 04 01 28	-60	-10.5	PHOTOMETRY I	264 04 16 39	72	14.4	PHOTOMETRY I
264 04 01 37	-60	-10.5	PHOTOMETRY I	264 04 16 51	69	4.3	PHOTOMETRY I
264 04 01 45	-60	-10.5	PHOTOMETRY I	264 04 16 59	69	4.3	PHOTOMETRY I
264 04 01 52	-57	-15.3	PHOTOMETRY I	264 04 17 08	69	4.3	PHOTOMETRY I
264 04 02 01	-57	-15.3	PHOTOMETRY I	264 04 17 19	66	-5.6	PHOTOMETRY I
264 04 02 09	-57	-15.3	PHOTOMETRY I	264 04 17 27	66	-5.6	PHOTOMETRY I
264 04 02 18	-54	-20.3	PHOTOMETRY I	264 04 17 35	66	-5.6	PHOTOMETRY I
264 04 02 26	-54	-20.3	PHOTOMETRY I	264 04 17 52	51	-5.6	PHOTOMETRY I
264 04 02 34	-54	-20.3	PHOTOMETRY I	264 04 18 01	51	-5.6	PHOTOMETRY I
264 04 02 45	-51	-25.3	PHOTOMETRY I	264 04 18 09	51	-5.6	PHOTOMETRY I
264 04 02 54	-51	-25.3	PHOTOMETRY I	264 04 20 05	51	-5.6	PHOTOMETRY I
264 04 03 02	-51	-25.3	PHOTOMETRY I	264 04 21 16	51	-5.6	PHOTOMETRY I
264 04 03 09	-48	-30.3	PHOTOMETRY I	264 04 21 47	60	-10.5	PHOTOMETRY I
264 04 03 17	-48	-30.3	PHOTOMETRY I	264 04 21 56	60	-10.5	PHOTOMETRY I
264 04 03 25	-48	-30.3	PHOTOMETRY I	264 04 22 04	60	-10.5	PHOTOMETRY I
264 04 03 34	-45	-35.3	PHOTOMETRY I	264 04 22 16	57	-20.3	PHOTOMETRY I
264 04 03 41	-45	-35.3	PHOTOMETRY I	264 04 22 25	57	-20.3	PHOTOMETRY I
264 04 03 49	-45	-35.3	PHOTOMETRY I	264 04 22 33	57	-20.3	PHOTOMETRY I
264 04 03 56	-42	-40.3	PHOTOMETRY I	264 04 22 44	54	-30.3	PHOTOMETRY I
264 04 04 05	-42	-40.3	PHOTOMETRY I	264 04 23 02	54	-30.3	PHOTOMETRY I
264 04 04 12	-42	-40.3	PHOTOMETRY I	264 04 23 11	54	-30.3	PHOTOMETRY I
264 04 04 22	-39	-45.3	PHOTOMETRY I	264 04 23 29	24	-30.3	PHOTOMETRY I
264 04 04 30	-39	-45.3	PHOTOMETRY I	264 04 23 37	24	-30.3	PHOTOMETRY I
264 04 04 39	-39	-45.3	PHOTOMETRY I	264 04 23 46	24	-30.3	PHOTOMETRY I
264 04 04 52	-30	-50.2	PHOTOMETRY I	264 04 23 55	24	-20.3	PHOTOMETRY I
264 04 05 03	-30	-50.2	PHOTOMETRY I	264 04 24 04	24	-20.3	PHOTOMETRY I
264 04 05 11	-30	-50.2	PHOTOMETRY I	264 04 24 12	24	-20.3	PHOTOMETRY I
264 04 05 16	-24	-50.2	PHOTOMETRY I	264 04 24 28	24	-10.5	PHOTOMETRY I
264 04 05 27	-24	-50.2	PHOTOMETRY I	264 04 24 36	24	-10.5	PHOTOMETRY I
264 04 05 35	-24	-50.2	PHOTOMETRY I	264 04 24 45	24	-10.5	PHOTOMETRY I
264 04 05 52	-15	-55.2	PHOTOMETRY I	264 04 24 54	24	-0.7	PHOTOMETRY I
264 04 06 01	-15	-55.2	PHOTOMETRY I	264 04 25 03	24	-0.7	PHOTOMETRY I
264 04 06 09	-15	-55.2	PHOTOMETRY I	264 04 25 11	24	-0.7	PHOTOMETRY I
264 04 06 19	-9	-55.2	PHOTOMETRY I	264 04 25 23	24	9.3	PHOTOMETRY I
264 04 06 27	-9	-55.2	PHOTOMETRY I	264 04 25 32	24	9.3	PHOTOMETRY I
264 04 06 36	-9	-55.2	PHOTOMETRY I	264 04 25 40	24	9.3	PHOTOMETRY I
264 04 06 47	0	-60.1	PHOTOMETRY I	264 04 25 52	24	19.4	PHOTOMETRY I
264 04 06 55	0	-60.1	PHOTOMETRY I	264 04 26 01	24	19.4	PHOTOMETRY I
264 04 07 03	0	-60.1	PHOTOMETRY I	264 04 26 09	24	19.4	PHOTOMETRY I
264 04 07 13	6	-60.1	PHOTOMETRY I	264 04 26 35	-21	9.3	PHOTOMETRY I
264 04 07 21	6	-60.1	PHOTOMETRY I	264 04 26 47	-21	9.3	PHOTOMETRY I
264 04 07 30	6	-60.1	PHOTOMETRY I	264 04 26 55	-21	9.3	PHOTOMETRY I
264 04 07 38	6	-60.1	PHOTOMETRY I	264 04 27 07	-18	-0.7	PHOTOMETRY I
264 04 07 50	6	-60.1	PHOTOMETRY I	264 04 27 16	-18	-0.7	PHOTOMETRY I
264 04 07 59	6	-60.1	PHOTOMETRY I	264 04 27 24	-18	-0.7	PHOTOMETRY I
264 04 08 09	18	-60.1	PHOTOMETRY I	264 04 27 37	-15	-10.5	PHOTOMETRY I
264 04 08 17	18	-60.1	PHOTOMETRY I	264 04 27 46	-15	-10.5	PHOTOMETRY I
264 04 08 25	18	-60.1	PHOTOMETRY I	264 04 27 54	-15	-10.5	PHOTOMETRY I
264 04 08 36	27	-60.1	PHOTOMETRY I	264 04 28 06	-9	-20.3	PHOTOMETRY I
264 04 08 45	27	-60.1	PHOTOMETRY I	264 04 28 15	-9	-20.3	PHOTOMETRY I
264 04 08 53	27	-60.1	PHOTOMETRY I	264 04 28 28	-9	-20.3	PHOTOMETRY I
264 04 09 03	36	-60.1	PHOTOMETRY I	264 04 28 39	-6	-30.3	PHOTOMETRY I
264 04 09 11	36	-60.1	PHOTOMETRY I	264 04 28 47	-6	-30.3	PHOTOMETRY I
264 04 09 20	36	-60.1	PHOTOMETRY I	264 04 28 56	-6	-30.3	PHOTOMETRY I
264 04 09 31	45	-60.1	PHOTOMETRY I	264 04 29 08	0	-40.3	PHOTOMETRY I
264 04 09 39	45	-60.1	PHOTOMETRY I	264 04 29 16	0	-40.3	PHOTOMETRY I
264 04 09 47	45	-60.1	PHOTOMETRY I	264 04 29 25	0	-40.3	PHOTOMETRY I
264 04 09 58	54	-55.2	PHOTOMETRY I	264 04 30 31	-105	-30.3	PHOTOMETRY I
264 04 10 09	54	-55.2	PHOTOMETRY I	264 04 33 55	-105	-30.3	PHOTOMETRY I
264 04 10 18	54	-55.2	PHOTOMETRY I	264 04 34 03	-105	-30.3	PHOTOMETRY I
264 04 10 27	63	-55.2	PHOTOMETRY I	264 04 34 18	-99	-40.3	PHOTOMETRY I
264 04 10 36	63	-55.2	PHOTOMETRY I	264 04 34 26	-99	-40.3	PHOTOMETRY I
264 04 10 44	63	-55.2	PHOTOMETRY I	264 04 34 35	-99	-40.3	PHOTOMETRY I
264 04 11 42	96	-30.3	PHOTOMETRY I	264 04 34 49	-93	-50.2	PHOTOMETRY I
264 04 11 50	96	-30.3	PHOTOMETRY I	264 04 34 58	-93	-50.2	PHOTOMETRY I
264 04 11 59	96	-30.3	PHOTOMETRY I	264 04 35 07	-93	-50.2	PHOTOMETRY I
264 04 12 10	99	-25.3	PHOTOMETRY I	264 04 35 18	-87	-55.2	PHOTOMETRY I
264 04 12 19	99	-25.3	PHOTOMETRY I	264 04 35 27	-87	-55.2	PHOTOMETRY I
264 04 12 28	99	-25.3	PHOTOMETRY I	264 04 35 35	-87	-55.2	PHOTOMETRY I
264 04 12 39	102	-20.3	PHOTOMETRY I	264 04 35 46	-78	-60.1	PHOTOMETRY I
264 04 13 20	102	-20.3	PHOTOMETRY I	264 04 36 14	-78	-60.1	PHOTOMETRY I
264 04 13 28	102	-20.3	PHOTOMETRY I	264 04 36 22	-78	-60.1	PHOTOMETRY I
264 04 13 39	105	-15.3	PHOTOMETRY I	264 04 37 07	-156	-40.3	PHOTOMETRY I
264 04 13 47	105	-15.3	PHOTOMETRY I	264 04 37 15	-156	-40.3	PHOTOMETRY I
264 04 13 56	105	-15.3	PHOTOMETRY I	264 04 37 24	-156	-40.3	PHOTOMETRY I
264 04 14 07	108	-10.5	PHOTOMETRY I	264 04 37 36	-156	-30.3	PHOTOMETRY I
264 04 14 16	108	-10.5	PHOTOMETRY I	264 04 37 44	-156	-30.3	PHOTOMETRY I
264 04 14 25	108	-10.5	PHOTOMETRY I	264 04 37 52	-156	-30.3	PHOTOMETRY I
264 04 14 36	111	-5.6	PHOTOMETRY I	264 04 38 50	-60	-60.1	PHOTOMETRY I
264 04 14 44	111	-5.6	PHOTOMETRY I	264 04 39 05	-60	-60.1	PHOTOMETRY I
264 04 14 53	111	-5.6	PHOTOMETRY I	264 04 39 13	-60	-60.1	PHOTOMETRY I
264 04 15 03	114	-0.7	PHOTOMETRY I	264 04 39 30	-60	-60.1	PHOTOMETRY I
264 04 15 12	114	-0.7	PHOTOMETRY I	264 04 39 39	-60	-60.1	PHOTOMETRY I
264 04 15 20	114	-0.7	PHOTOMETRY I	264 04 39 47	-60	-60.1	PHOTOMETRY I
264 04 15 48	75	24.3	PHOTOMETRY I	264 04 40 29	-60	-60.1	PHOTOMETRY I

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
264 04 40 37	-60	-60.1	PHOTOMETRY I	264 04 54 55	-108	-5.6	SURVEY W-R
264 04 40 46	-60	-60.1	PHOTOMETRY I	264 04 54 59	-108	-20.3	SURVEY W-R
264 04 41 36	-60	-60.1	PHOTOMETRY I	264 04 55 04	-108	-35.3	SURVEY W-R
264 04 41 45	-60	-60.1	PHOTOMETRY I	264 04 55 09	-108	-50.2	SURVEY W-R
264 04 41 53	-60	-60.1	PHOTOMETRY I	264 04 55 14	-126	-50.2	SURVEY W-R
264 04 43 48	-54	-65.1	SURVEY W-R	264 04 55 19	-126	-35.3	SURVEY W-R
264 04 45 10	-72	-65.1	SURVEY W-R	264 04 55 24	-126	-20.3	SURVEY W-R
264 04 45 16	-72	-50.2	SURVEY W-R	264 04 55 44	-126	-5.6	SURVEY W-R
264 04 45 21	-72	-35.3	SURVEY W-R	264 04 55 49	-144	-5.6	SURVEY W-R
264 04 45 24	-72	-20.3	SURVEY W-R	264 04 55 54	-144	-20.3	SURVEY W-R
264 04 45 29	-72	-5.6	SURVEY W-R	264 04 55 58	-144	-35.3	SURVEY W-R
264 04 45 34	-72	9.3	SURVEY W-R	264 04 56 02	-144	-50.2	SURVEY W-R
264 04 45 39	-54	9.3	SURVEY W-R	264 04 56 08	-162	-50.2	SURVEY W-R
264 04 45 43	-54	-5.6	SURVEY W-R	264 04 56 13	-162	-35.3	SURVEY W-R
264 04 45 48	-54	-20.3	SURVEY W-R	264 04 56 17	-162	-20.3	SURVEY W-R
264 04 46 11	-54	-35.3	SURVEY W-R	264 04 56 21	-162	-5.6	SURVEY W-R
264 04 46 16	-54	-50.2	SURVEY W-R	264 04 56 27	-180	-5.6	SURVEY W-R
264 04 46 21	-36	-50.2	SURVEY W-R	264 04 56 31	-180	-20.3	SURVEY W-R
264 04 46 26	-36	-35.3	SURVEY W-R	264 04 56 36	-180	-35.3	SURVEY W-R
264 04 46 30	-36	-20.3	SURVEY W-R	264 04 56 41	-180	-50.2	SURVEY W-R
264 04 48 13	-36	-5.6	SURVEY W-R	264 04 56 48	-198	-50.2	SURVEY W-R
264 04 48 17	-36	9.3	SURVEY W-R	264 04 56 53	-198	-35.3	SURVEY W-R
264 04 48 23	-18	9.3	SURVEY W-R	264 04 56 58	-198	-20.3	SURVEY W-R
264 04 48 27	-18	-5.6	SURVEY W-R	264 04 57 01	-198	-5.6	SURVEY W-R
264 04 48 32	-18	-20.3	SURVEY W-R	264 04 57 06	-198	9.3	SURVEY W-R
264 04 48 36	-18	-35.3	SURVEY W-R	264 04 57 12	-216	9.3	SURVEY W-R
264 04 48 41	-18	-50.2	SURVEY W-R	264 04 57 16	-216	-5.6	SURVEY W-R
264 04 48 48	0	-50.2	SURVEY W-R	264 04 57 20	-216	-20.3	SURVEY W-R
264 04 48 53	0	-35.3	SURVEY W-R	264 04 57 25	-216	-35.3	SURVEY W-R
264 04 48 58	0	-20.3	SURVEY W-R	264 04 57 30	-216	-50.2	SURVEY W-R
264 04 49 01	0	-5.6	SURVEY W-R	264 04 57 36	-216	-65.1	SURVEY W-R
264 04 49 06	0	9.3	SURVEY W-R	264 04 57 41	-198	-65.1	SURVEY W-R
264 04 49 11	0	24.3	SURVEY W-R	264 04 57 47	-180	-65.1	SURVEY W-R
264 04 49 16	18	24.3	SURVEY W-R	264 04 57 52	-162	-65.1	SURVEY W-R
264 04 49 21	18	9.3	SURVEY W-R	264 04 57 58	-144	-65.1	SURVEY W-R
264 04 49 25	18	-5.6	SURVEY W-R	264 04 58 03	-126	-65.1	SURVEY W-R
264 04 49 30	18	-20.3	SURVEY W-R	264 04 58 09	-108	-65.1	SURVEY W-R
264 04 49 34	18	-35.3	SURVEY W-R	264 04 58 15	-90	-65.1	SURVEY W-R
264 04 49 39	18	-50.2	SURVEY W-R	264 04 58 23	-54	-65.1	SURVEY W-R
264 04 49 45	36	-50.2	SURVEY W-R	264 05 17 55	-57	-60.1	MAGNETS K
264 04 49 48	36	-35.3	SURVEY W-R	264 05 22 41	-57	-60.1	MAGNETS K
264 04 49 53	36	-20.3	SURVEY W-R	264 05 24 34	-54	-60.1	MAGNETS K
264 04 49 58	36	-5.6	SURVEY W-R	264 05 26 15	-54	-65.1	MAGNETS K
264 04 50 03	36	9.3	SURVEY W-R	264 05 27 21	-54	-55.2	SPECIAL J
264 04 50 06	36	24.3	SURVEY W-R	264 05 27 26	-66	-55.2	SPECIAL J
264 04 50 12	54	24.3	SURVEY W-R	264 05 27 31	-66	-65.1	SPECIAL J
264 04 50 17	54	9.3	SURVEY W-R	264 05 28 20	-69	-70.1	SPECIAL J
264 04 50 21	54	-5.6	SURVEY W-R	264 05 29 24	-72	-70.1	SPECIAL J
264 04 50 26	54	-20.3	SURVEY W-R	264 05 29 44	-72	-70.1	SPECIAL J
264 04 50 30	54	-35.3	SURVEY W-R	264 05 30 03	-78	-70.1	SPECIAL J
264 04 50 34	54	-50.2	SURVEY W-R	264 05 30 23	-78	-70.1	SPECIAL J
264 04 50 40	72	-50.2	SURVEY W-R	264 05 31 11	-72	-70.1	SPECIAL J
264 04 50 45	72	-35.3	SURVEY W-R	264 05 31 16	-66	-70.1	SPECIAL J
264 04 50 50	72	-20.3	SURVEY W-R	264 05 31 20	-60	-70.1	SPECIAL J
264 04 51 07	72	-20.3	SURVEY W-R	264 05 31 24	-54	-70.1	SPECIAL J
264 04 51 40	72	-5.6	SURVEY W-R	264 05 31 29	-48	-70.1	SPECIAL J
264 04 51 45	72	9.3	SURVEY W-R	264 05 31 34	-42	-70.1	SPECIAL J
264 04 51 50	72	24.3	SURVEY W-R	264 05 31 38	-39	-65.1	SPECIAL J
264 04 51 55	90	24.3	SURVEY W-R	264 05 31 43	-45	-65.1	SPECIAL J
264 04 52 00	90	9.3	SURVEY W-R	264 05 31 48	-51	-65.1	SPECIAL J
264 04 52 05	90	-5.6	SURVEY W-R	264 05 31 53	-57	-65.1	SPECIAL J
264 04 52 08	90	-20.3	SURVEY W-R	264 05 31 56	-63	-65.1	SPECIAL J
264 04 52 13	90	-35.3	SURVEY W-R	264 05 32 01	-69	-65.1	SPECIAL J
264 04 52 18	90	-50.2	SURVEY W-R	264 05 32 06	-75	-65.1	SPECIAL J
264 04 52 25	108	-50.2	SURVEY W-R	264 05 32 11	-78	-65.1	SPECIAL J
264 04 52 30	108	-35.3	SURVEY W-R	264 05 32 15	-78	-60.1	SPECIAL J
264 04 52 35	108	-20.3	SURVEY W-R	264 05 32 19	-72	-60.1	SPECIAL J
264 04 52 38	108	-5.6	SURVEY W-R	264 05 32 24	-69	-60.1	SPECIAL J
264 04 52 43	108	9.3	SURVEY W-R	264 05 32 28	-66	-60.1	SPECIAL J
264 04 52 49	126	9.3	SURVEY W-R	264 05 32 33	-60	-60.1	SPECIAL J
264 04 52 53	126	-5.6	SURVEY W-R	264 05 32 39	-54	-60.1	SPECIAL J
264 04 52 58	126	-20.3	SURVEY W-R	264 05 32 44	-45	-60.1	SPECIAL J
264 04 53 02	126	-35.3	SURVEY W-R	264 05 32 47	-42	-60.1	SPECIAL J
264 04 53 06	126	-50.2	SURVEY W-R	264 05 32 52	-45	-55.2	SPECIAL J
264 04 53 12	126	-65.1	SURVEY W-R	264 05 32 57	-54	-55.2	SPECIAL J
264 04 53 18	108	-65.1	SURVEY W-R	264 05 33 00	-54	-55.2	SPECIAL J
264 04 53 24	90	-65.1	SURVEY W-R	264 05 33 05	-57	-55.2	SPECIAL J
264 04 53 29	72	-65.1	SURVEY W-R	264 05 33 10	-60	-55.2	SPECIAL J
264 04 53 35	54	-65.1	SURVEY W-R	264 05 33 15	-63	-55.2	SPECIAL J
264 04 53 40	36	-65.1	SURVEY W-R	264 05 33 18	-66	-55.2	SPECIAL J
264 04 53 46	18	-65.1	SURVEY W-R	264 05 33 23	-69	-55.2	SPECIAL J
264 04 53 51	0	-65.1	SURVEY W-R	264 05 33 28	-72	-55.2	SPECIAL J
264 04 53 57	-18	-65.1	SURVEY W-R	264 05 33 33	-75	-55.2	SPECIAL J
264 04 54 02	-36	-65.1	SURVEY W-R	264 05 33 37	-72	-50.2	SPECIAL J
264 04 54 08	-54	-65.1	SURVEY W-R	264 05 33 41	-66	-50.2	SPECIAL J
264 04 54 37	-90	-50.2	SURVEY W-R	264 05 33 46	-60	-50.2	SPECIAL J
264 04 54 40	-90	-35.3	SURVEY W-R	264 05 33 50	-54	-50.2	SPECIAL J
264 04 54 45	-90	-20.3	SURVEY W-R	264 05 33 55	-48	-50.2	SPECIAL J
264 04 54 50	-90	-5.6	SURVEY W-R	264 05 36 31	81	-45.3	SPECIAL J

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
264 05 37 33	84	-45.3	SPECIAL J	264 06 06 36	-174	-30.3	SPECIAL J
264 05 37 38	87	-45.3	SPECIAL J	264 06 06 40	-168	-30.3	SPECIAL J
264 05 37 41	90	-45.3	SPECIAL J	264 06 10 17	-195	-20.3	MIRROR J
264 05 37 46	93	-45.3	SPECIAL J	264 06 11 25	-195	-20.3	MIRROR J
264 05 37 51	96	-45.3	SPECIAL J	264 06 12 46	-195	-40.3	MIRROR J
264 05 37 56	99	-45.3	SPECIAL J	264 06 13 53	-201	-40.3	MIRROR J
264 05 37 59	99	-50.2	SPECIAL J	264 06 13 57	-207	-40.3	MIRROR J
264 05 38 04	96	-50.2	SPECIAL J	264 06 14 02	-213	-40.3	MIRROR J
264 05 38 09	93	-50.2	SPECIAL J	264 06 15 10	-213	-40.3	MIRROR J
264 05 38 14	90	-50.2	SPECIAL J	264 06 15 15	-213	-35.3	MIRROR J
264 05 38 17	87	-50.2	SPECIAL J	264 06 15 20	-210	-35.3	MIRROR J
264 05 38 22	84	-50.2	SPECIAL J	264 06 15 24	-207	-35.3	MIRROR J
264 05 38 27	81	-50.2	SPECIAL J	264 06 15 29	-204	-35.3	MIRROR J
264 05 38 32	75	-50.2	SPECIAL J	264 06 15 33	-201	-35.3	MIRROR J
264 05 38 36	75	-50.2	SPECIAL J	264 06 15 38	-198	-40.3	MIRROR J
264 05 38 43	90	-55.2	SPECIAL J	264 06 16 25	-201	-40.3	MIRROR J
264 05 38 48	93	-55.2	SPECIAL J	264 06 16 38	-204	-40.3	MIRROR J
264 05 38 52	96	-55.2	SPECIAL J	264 06 16 46	-207	-40.3	MIRROR J
264 05 38 57	99	-55.2	SPECIAL J	264 06 16 53	-210	-40.3	MIRROR J
264 05 44 23	126	-25.3	SPECIAL J	264 06 18 10	-210	-45.3	MIRROR J
264 05 44 48	129	-25.3	SPECIAL J	264 06 18 15	-207	-45.3	MIRROR J
264 05 44 53	129	-20.3	SPECIAL J	264 06 18 20	-204	-45.3	MIRROR J
264 05 44 58	126	-20.3	SPECIAL J	264 06 18 25	-201	-45.3	MIRROR J
264 05 45 04	126	-15.3	SPECIAL J	264 06 18 28	-198	-45.3	MIRROR J
264 05 45 07	129	-15.3	SPECIAL J	264 06 19 49	-195	-45.3	MIRROR J
264 05 45 57	87	-15.3	SPECIAL J	264 06 21 13	-192	-45.3	MIRROR J
264 05 46 21	81	-15.3	SPECIAL J	264 06 26 22	90	-25.3	FOCUS RANGING F
264 05 46 26	75	-15.3	SPECIAL J	264 06 28 39	90	-25.3	FOCUS RANGING F
264 05 46 31	69	-15.3	SPECIAL J	264 06 28 43	90	-25.3	FOCUS RANGING F
264 05 46 34	72	-20.3	SPECIAL J	264 06 28 48	90	-25.3	FOCUS RANGING F
264 05 46 39	75	-20.3	SPECIAL J	264 06 28 52	90	-25.3	FOCUS RANGING F
264 05 46 44	78	-20.3	SPECIAL J	264 06 28 56	90	-25.3	FOCUS RANGING F
264 05 46 49	81	-20.3	SPECIAL J	264 06 29 01	90	-25.3	FOCUS RANGING F
264 05 46 52	84	-20.3	SPECIAL J	264 06 29 06	90	-25.3	FOCUS RANGING F
264 05 46 58	81	-25.3	SPECIAL J	264 06 29 10	90	-25.3	FOCUS RANGING F
264 05 47 02	78	-25.3	SPECIAL J	264 06 29 19	90	-20.3	FOCUS RANGING F
264 05 47 07	75	-25.3	SPECIAL J	264 06 29 44	90	-20.3	FOCUS RANGING F
264 05 47 12	72	-25.3	SPECIAL J	264 06 29 49	90	-20.3	FOCUS RANGING F
264 05 47 15	69	-25.3	SPECIAL J	264 06 29 52	90	-20.3	FOCUS RANGING F
264 05 47 26	75	-25.3	SPECIAL J	264 06 29 57	90	-20.3	FOCUS RANGING F
264 05 48 24	81	-25.3	SPECIAL J	264 06 30 02	90	-20.3	FOCUS RANGING F
264 05 48 30	78	-20.3	SPECIAL J	264 06 30 07	90	-20.3	FOCUS RANGING F
264 05 49 27	51	-5.6	SPECIAL J	264 06 30 11	90	-20.3	FOCUS RANGING F
264 05 51 37	-216	-15.3	SPECIAL J	264 06 30 15	90	-20.3	FOCUS RANGING F
264 05 52 06	-219	-15.3	SPECIAL J	264 06 30 25	90	-15.3	FOCUS RANGING F
264 05 52 12	-219	-20.3	SPECIAL J	264 06 31 14	90	-15.3	FOCUS RANGING F
264 05 52 17	-216	-20.3	SPECIAL J	264 06 31 58	90	-15.3	FOCUS RANGING F
264 05 52 22	-216	-25.3	SPECIAL J	264 06 32 01	90	-15.3	FOCUS RANGING F
264 05 52 26	-219	-25.3	SPECIAL J	264 06 32 06	90	-15.3	FOCUS RANGING F
264 05 55 57	-216	-15.3	SPECIAL J	264 06 32 11	90	-15.3	FOCUS RANGING F
264 05 56 37	-219	-15.3	SPECIAL J	264 06 32 16	90	-15.3	FOCUS RANGING F
264 05 56 42	-219	-20.3	SPECIAL J	264 06 32 19	90	-15.3	FOCUS RANGING F
264 05 56 47	-216	-20.3	SPECIAL J	264 06 32 24	90	-15.3	FOCUS RANGING F
264 05 56 52	-216	-25.3	SPECIAL J	264 06 32 29	90	-15.3	FOCUS RANGING F
264 05 56 57	-219	-25.3	SPECIAL J	264 06 32 38	90	-10.5	FOCUS RANGING F
264 05 57 52	-210	-45.3	SPECIAL J	264 06 32 58	90	-10.5	FOCUS RANGING F
264 05 58 25	-210	-45.3	SPECIAL J	264 06 33 02	90	-10.5	FOCUS RANGING F
264 05 59 25	-213	-45.3	SPECIAL J	264 06 33 06	90	-10.5	FOCUS RANGING F
264 05 59 30	-216	-45.3	SPECIAL J	264 06 33 11	90	-10.5	FOCUS RANGING F
264 05 59 35	-216	-50.2	SPECIAL J	264 06 33 16	90	-10.5	FOCUS RANGING F
264 05 59 39	-213	-50.2	SPECIAL J	264 06 33 20	90	-10.5	FOCUS RANGING F
264 05 59 43	-210	-50.2	SPECIAL J	264 06 33 25	90	-10.5	FOCUS RANGING F
264 05 59 48	-207	-50.2	SPECIAL J	264 06 33 29	90	-10.5	FOCUS RANGING F
264 05 59 53	-204	-50.2	SPECIAL J	264 06 33 38	90	-5.6	FOCUS RANGING F
264 05 59 56	-201	-50.2	SPECIAL J	264 06 34 12	90	-5.6	FOCUS RANGING F
264 06 00 01	-201	-55.2	SPECIAL J	264 06 34 43	90	-5.6	FOCUS RANGING F
264 06 00 06	-204	-55.2	SPECIAL J	264 06 34 48	90	-5.6	FOCUS RANGING F
264 06 00 11	-207	-55.2	SPECIAL J	264 06 34 52	90	-5.6	FOCUS RANGING F
264 06 00 14	-210	-55.2	SPECIAL J	264 06 34 56	90	-5.6	FOCUS RANGING F
264 06 00 19	-213	-55.2	SPECIAL J	264 06 35 01	90	-5.6	FOCUS RANGING F
264 06 00 24	-216	-55.2	SPECIAL J	264 06 35 06	90	-5.6	FOCUS RANGING F
264 06 01 17	-219	-55.2	SPECIAL J	264 06 35 11	90	-5.6	FOCUS RANGING F
264 06 01 42	-219	-40.3	SPECIAL J	264 06 35 14	90	-5.6	FOCUS RANGING F
264 06 02 15	-201	-40.3	SPECIAL J	264 06 35 23	90	-0.7	FOCUS RANGING F
264 06 02 42	-201	-55.2	SPECIAL J	264 06 35 52	90	-0.7	FOCUS RANGING F
264 06 03 22	-216	-55.2	SPECIAL J	264 06 36 33	90	-0.7	FOCUS RANGING F
264 06 04 49	-174	-45.3	SPECIAL J	264 06 36 36	90	-0.7	FOCUS RANGING F
264 06 05 38	-168	-45.3	SPECIAL J	264 06 36 41	90	-0.7	FOCUS RANGING F
264 06 05 44	-174	-40.3	SPECIAL J	264 06 36 46	90	-0.7	FOCUS RANGING F
264 06 05 49	-168	-40.3	SPECIAL J	264 06 36 49	90	-0.7	FOCUS RANGING F
264 06 05 53	-162	-40.3	SPECIAL J	264 06 36 54	90	-0.7	FOCUS RANGING F
264 06 05 57	-156	-40.3	SPECIAL J	264 06 36 59	90	-0.7	FOCUS RANGING F
264 06 06 02	-150	-40.3	SPECIAL J	264 06 37 04	90	-0.7	FOCUS RANGING F
264 06 06 07	-153	-35.3	SPECIAL J	264 06 37 12	90	4.3	FOCUS RANGING F
264 06 06 12	-159	-35.3	SPECIAL J	264 06 37 32	90	4.3	FOCUS RANGING F
264 06 06 17	-165	-35.3	SPECIAL J	264 06 37 36	90	4.3	FOCUS RANGING F
264 06 06 20	-171	-35.3	SPECIAL J	264 06 37 40	90	4.3	FOCUS RANGING F
264 06 06 25	-177	-35.3	SPECIAL J	264 06 37 45	90	4.3	FOCUS RANGING F
264 06 06 31	-180	-30.3	SPECIAL J	264 06 37 50	90	4.3	FOCUS RANGING F

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
264 08 41 47	36	-25.3	FOCUS RANGING F	264 09 09 13	36	14.4	FOCUS RANGING F
264 08 41 52	36	-25.3	FOCUS RANGING F	264 09 09 17	36	14.4	FOCUS RANGING F
264 08 41 57	36	-25.3	FOCUS RANGING F	264 09 09 22	36	14.4	FOCUS RANGING F
264 08 42 01	36	-25.3	FOCUS RANGING F	264 09 09 27	36	14.4	FOCUS RANGING F
264 08 42 10	36	-20.3	FOCUS RANGING F	264 09 09 31	36	14.4	FOCUS RANGING F
264 08 42 40	36	-20.3	FOCUS RANGING F	264 09 09 40	36	19.4	FOCUS RANGING F
264 08 42 55	36	-20.3	FOCUS RANGING F	264 09 09 47	36	19.4	FOCUS RANGING F
264 08 43 00	36	-20.3	FOCUS RANGING F	264 09 09 51	36	19.4	FOCUS RANGING F
264 08 43 03	36	-20.3	FOCUS RANGING F	264 09 09 56	36	19.4	FOCUS RANGING F
264 08 43 08	36	-20.3	FOCUS RANGING F	264 09 10 01	36	19.4	FOCUS RANGING F
264 08 43 13	36	-20.3	FOCUS RANGING F	264 09 10 06	36	19.4	FOCUS RANGING F
264 08 43 17	36	-20.3	FOCUS RANGING F	264 09 10 09	36	19.4	FOCUS RANGING F
264 08 43 21	36	-20.3	FOCUS RANGING F	264 09 10 14	36	19.4	FOCUS RANGING F
264 08 43 26	36	-20.3	FOCUS RANGING F	264 09 10 19	36	19.4	FOCUS RANGING F
264 08 43 35	36	-15.3	FOCUS RANGING F	264 09 10 27	36	24.3	FOCUS RANGING F
264 08 43 53	36	-15.3	FOCUS RANGING F	264 09 11 20	36	24.3	FOCUS RANGING F
264 08 43 58	36	-15.3	FOCUS RANGING F	264 09 11 34	36	24.3	FOCUS RANGING F
264 08 44 02	36	-15.3	FOCUS RANGING F	264 09 11 38	36	24.3	FOCUS RANGING F
264 08 44 07	36	-15.3	FOCUS RANGING F	264 09 11 43	36	24.3	FOCUS RANGING F
264 08 44 11	36	-15.3	FOCUS RANGING F	264 09 11 48	36	24.3	FOCUS RANGING F
264 08 44 16	36	-15.3	FOCUS RANGING F	264 09 11 52	36	24.3	FOCUS RANGING F
264 08 44 20	36	-15.3	FOCUS RANGING F	264 09 11 56	36	24.3	FOCUS RANGING F
264 08 44 25	36	-15.3	FOCUS RANGING F	264 09 12 30	36	24.3	FOCUS RANGING F
264 08 44 34	36	-10.5	FOCUS RANGING F	264 09 12 37	36	24.3	FOCUS RANGING F
264 08 44 40	36	-10.5	FOCUS RANGING F	264 09 12 45	36	24.3	FOCUS RANGING F
264 08 44 45	36	-10.5	FOCUS RANGING F	264 09 13 42	36	29.2	FOCUS RANGING F
264 08 44 48	36	-10.5	FOCUS RANGING F	264 09 15 14	36	29.2	FOCUS RANGING F
264 08 44 53	36	-10.5	FOCUS RANGING F	264 09 15 20	36	29.2	FOCUS RANGING F
264 08 44 58	36	-10.5	FOCUS RANGING F	264 09 15 27	36	29.2	FOCUS RANGING F
264 08 45 03	36	-10.5	FOCUS RANGING F	264 09 15 35	36	29.2	FOCUS RANGING F
264 08 45 06	36	-10.5	FOCUS RANGING F	264 09 15 41	36	29.2	FOCUS RANGING F
264 08 45 11	36	-10.5	FOCUS RANGING F	264 09 15 47	36	29.2	FOCUS RANGING F
264 08 45 19	36	-5.6	FOCUS RANGING F	264 09 15 53	36	29.2	FOCUS RANGING F
264 08 45 25	36	-5.6	FOCUS RANGING F	264 09 16 01	36	29.2	FOCUS RANGING F
264 08 45 30	36	-5.6	FOCUS RANGING F	264 09 16 08	36	29.2	FOCUS RANGING F
264 08 45 35	36	-5.6	FOCUS RANGING F	264 09 21 08	-54	-65.1	SURVEY W-S
264 08 45 39	36	-5.6	FOCUS RANGING F	264 09 21 19	-54	-65.1	SURVEY W-S
264 08 45 43	36	-5.6	FOCUS RANGING F	264 09 22 13	-72	-65.1	SURVEY W-S
264 08 45 48	36	-5.6	FOCUS RANGING F	264 09 22 19	-72	-50.2	SURVEY W-S
264 08 45 53	36	-5.6	FOCUS RANGING F	264 09 22 23	-72	-35.3	SURVEY W-S
264 08 45 57	36	-5.6	FOCUS RANGING F	264 09 22 28	-72	-20.3	SURVEY W-S
264 08 46 06	36	-5.6	FOCUS RANGING F	264 09 22 33	-72	-5.6	SURVEY W-S
264 08 47 15	36	-5.6	FOCUS RANGING F	264 09 22 37	-72	9.3	SURVEY W-S
264 08 47 37	36	-5.6	FOCUS RANGING F	264 09 22 42	-54	9.3	SURVEY W-S
264 08 47 42	36	-5.6	FOCUS RANGING F	264 09 22 47	-54	-5.6	SURVEY W-S
264 08 47 45	36	-5.6	FOCUS RANGING F	264 09 22 52	-54	-20.3	SURVEY W-S
264 08 47 50	36	-5.6	FOCUS RANGING F	264 09 22 56	-54	-35.3	SURVEY W-S
264 08 47 55	36	-5.6	FOCUS RANGING F	264 09 23 00	-54	-50.2	SURVEY W-S
264 08 48 00	36	-5.6	FOCUS RANGING F	264 09 23 06	-36	-50.2	SURVEY W-S
264 08 48 03	36	-5.6	FOCUS RANGING F	264 09 23 10	-36	-35.3	SURVEY W-S
264 08 48 08	36	-5.6	FOCUS RANGING F	264 09 23 15	-36	-20.3	SURVEY W-S
264 08 48 18	36	-0.7	FOCUS RANGING F	264 09 23 20	-36	-5.6	SURVEY W-S
264 08 48 39	36	-0.7	FOCUS RANGING F	264 09 23 24	-36	9.3	SURVEY W-S
264 09 03 01	36	-0.7	FOCUS RANGING F	264 09 23 29	-18	9.3	SURVEY W-S
264 09 03 12	36	-0.7	FOCUS RANGING F	264 09 23 59	-18	24.3	SURVEY W-S
264 09 03 46	36	-0.7	FOCUS RANGING F	264 09 24 32	-18	-5.6	SURVEY W-S
264 09 03 51	36	-0.7	FOCUS RANGING F	264 09 24 36	-18	-20.3	SURVEY W-S
264 09 03 55	36	-0.7	FOCUS RANGING F	264 09 24 40	-18	-35.3	SURVEY W-S
264 09 03 59	36	-0.7	FOCUS RANGING F	264 09 24 45	-18	-50.2	SURVEY W-S
264 09 04 04	36	-0.7	FOCUS RANGING F	264 09 24 52	0	-50.2	SURVEY W-S
264 09 04 09	36	-0.7	FOCUS RANGING F	264 09 24 57	0	-35.3	SURVEY W-S
264 09 04 14	36	-0.7	FOCUS RANGING F	264 09 25 01	0	-20.3	SURVEY W-S
264 09 04 17	36	-0.7	FOCUS RANGING F	264 09 25 06	0	-5.6	SURVEY W-S
264 09 04 26	36	4.3	FOCUS RANGING F	264 09 25 10	0	9.3	SURVEY W-S
264 09 05 16	36	4.3	FOCUS RANGING F	264 09 25 15	0	24.3	SURVEY W-S
264 09 05 46	36	4.3	FOCUS RANGING F	264 09 25 20	18	24.3	SURVEY W-S
264 09 05 51	36	4.3	FOCUS RANGING F	264 09 25 25	18	9.3	SURVEY W-S
264 09 05 56	36	4.3	FOCUS RANGING F	264 09 25 30	18	-5.6	SURVEY W-S
264 09 06 00	36	4.3	FOCUS RANGING F	264 09 25 33	18	-20.3	SURVEY W-S
264 09 06 04	36	4.3	FOCUS RANGING F	264 09 25 38	18	-35.3	SURVEY W-S
264 09 06 09	36	4.3	FOCUS RANGING F	264 09 25 43	18	-50.2	SURVEY W-S
264 09 06 14	36	4.3	FOCUS RANGING F	264 09 25 49	36	-50.2	SURVEY W-S
264 09 06 18	36	4.3	FOCUS RANGING F	264 09 25 53	36	-35.3	SURVEY W-S
264 09 06 26	36	9.3	FOCUS RANGING F	264 09 26 23	36	-65.1	SURVEY W-S
264 09 07 04	36	9.3	FOCUS RANGING F	264 09 27 00	18	-65.1	SURVEY W-S
264 09 07 24	36	9.3	FOCUS RANGING F	264 09 27 06	0	-65.1	SURVEY W-S
264 09 07 41	36	9.3	FOCUS RANGING F	264 09 27 11	-18	-65.1	SURVEY W-S
264 09 07 45	36	9.3	FOCUS RANGING F	264 09 27 17	-36	-65.1	SURVEY W-S
264 09 07 49	36	9.3	FOCUS RANGING F	264 09 27 22	-54	-65.1	SURVEY W-S
264 09 07 54	36	9.3	FOCUS RANGING F	264 09 27 42	-54	-65.1	SURVEY W-T
264 09 07 59	36	9.3	FOCUS RANGING F	264 09 29 02	-72	-65.1	SURVEY W-T
264 09 08 03	36	9.3	FOCUS RANGING F	264 09 29 08	-72	-50.2	SURVEY W-T
264 09 08 07	36	9.3	FOCUS RANGING F	264 09 29 13	-72	-35.3	SURVEY W-T
264 09 08 12	36	9.3	FOCUS RANGING F	264 09 29 17	-72	-20.3	SURVEY W-T
264 09 08 21	36	14.4	FOCUS RANGING F	264 09 29 21	-72	-5.6	SURVEY W-T
264 09 08 40	36	14.4	FOCUS RANGING F	264 09 29 26	-72	9.3	SURVEY W-T
264 09 08 59	36	14.4	FOCUS RANGING F	264 09 29 32	-54	9.3	SURVEY W-T
264 09 09 04	36	14.4	FOCUS RANGING F	264 09 29 36	-54	-5.6	SURVEY W-T
264 09 09 09	36	14.4	FOCUS RANGING F	264 09 29 40	-54	-20.3	SURVEY W-T

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
264 09 29 45	-54	-35.3	SURVEY W-T	264 09 59 40	-42	-35.3	SHADOW PROGRESSION A
264 09 29 49	-54	-50.2	SURVEY W-T	264 09 59 45	-42	-35.3	SHADOW PROGRESSION A
264 09 29 55	-36	-50.2	SURVEY W-T	264 10 00 10	-48	-35.3	SHADOW PROGRESSION A
264 09 30 00	-36	-35.3	SURVEY W-T	264 10 00 15	-48	-35.3	SHADOW PROGRESSION A
264 09 30 05	-36	-20.3	SURVEY W-T	264 10 01 17	-48	-35.3	SHADOW PROGRESSION A
264 09 30 08	-36	-5.6	SURVEY W-T	264 10 02 40	-48	-35.3	SHADOW PROGRESSION A
264 09 30 13	-36	9.3	SURVEY W-T	264 10 02 46	-48	-35.3	SHADOW PROGRESSION A
264 09 30 19	-18	9.3	SURVEY W-T	264 10 23 39	-48	-35.3	SHADOW PROGRESSION A
264 09 30 42	-18	24.3	SURVEY W-T	264 10 24 09	-36	-35.3	SHADOW PROGRESSION A
264 09 31 06	-18	-5.6	SURVEY W-T	264 10 24 19	-36	-35.3	SHADOW PROGRESSION A
264 09 31 11	-18	-20.3	SURVEY W-T	264 10 24 54	-36	-35.3	SHADOW PROGRESSION A
264 09 31 14	-18	-35.3	SURVEY W-T	264 10 25 04	-36	-35.3	SHADOW PROGRESSION A
264 09 31 19	-18	-50.2	SURVEY W-T	264 10 27 13	-213	-65.1	SURVEY G SECTORS 1,2
264 09 31 26	0	-50.2	SURVEY W-T	264 10 27 38	-213	-65.1	SURVEY G SECTORS 1,2
264 09 31 31	0	-35.3	SURVEY W-T	264 10 28 20	-207	-65.1	SURVEY G SECTORS 1,2
264 09 31 36	0	-20.3	SURVEY W-T	264 10 28 24	-201	-65.1	SURVEY G SECTORS 1,2
264 09 31 41	0	-5.6	SURVEY W-T	264 10 28 29	-195	-65.1	SURVEY G SECTORS 1,2
264 09 31 45	0	9.3	SURVEY W-T	264 10 28 33	-189	-65.1	SURVEY G SECTORS 1,2
264 09 31 49	0	24.3	SURVEY W-T	264 10 28 37	-183	-65.1	SURVEY G SECTORS 1,2
264 09 31 55	18	24.3	SURVEY W-T	264 10 28 42	-180	-60.1	SURVEY G SECTORS 1,2
264 09 31 59	18	9.3	SURVEY W-T	264 10 28 47	-186	-60.1	SURVEY G SECTORS 1,2
264 09 32 04	18	-5.6	SURVEY W-T	264 10 28 51	-192	-60.1	SURVEY G SECTORS 1,2
264 09 32 09	18	-20.3	SURVEY W-T	264 10 28 55	-198	-60.1	SURVEY G SECTORS 1,2
264 09 32 13	18	-35.3	SURVEY W-T	264 10 29 00	-204	-60.1	SURVEY G SECTORS 1,2
264 09 32 17	18	-50.2	SURVEY W-T	264 10 29 05	-210	-60.1	SURVEY G SECTORS 1,2
264 09 32 23	36	-50.2	SURVEY W-T	264 10 29 09	-213	-55.2	SURVEY G SECTORS 1,2
264 09 32 28	36	-35.3	SURVEY W-T	264 10 29 13	-207	-55.2	SURVEY G SECTORS 1,2
264 09 41 14	18	-65.1	SURVEY W-T	264 10 29 18	-201	-55.2	SURVEY G SECTORS 1,2
264 09 41 20	0	-65.1	SURVEY W-T	264 10 29 23	-195	-55.2	SURVEY G SECTORS 1,2
264 09 41 24	-18	-65.1	SURVEY W-T	264 10 29 28	-189	-55.2	SURVEY G SECTORS 1,2
264 09 41 30	-36	-65.1	SURVEY W-T	264 10 29 31	-183	-55.2	SURVEY G SECTORS 1,2
264 09 41 36	-54	-65.1	SURVEY W-T	264 10 29 36	-180	-50.2	SURVEY G SECTORS 1,2
264 09 42 27	-54	-65.1	SURVEY W-U	264 10 29 41	-186	-50.2	SURVEY G SECTORS 1,2
264 09 42 59	-72	-65.1	SURVEY W-U	264 10 29 44	-192	-50.2	SURVEY G SECTORS 1,2
264 09 43 05	-72	-50.2	SURVEY W-U	264 10 29 49	-198	-50.2	SURVEY G SECTORS 1,2
264 09 43 10	-72	-35.3	SURVEY W-U	264 10 29 54	-204	-50.2	SURVEY G SECTORS 1,2
264 09 43 14	-72	-20.3	SURVEY W-U	264 10 29 59	-210	-50.2	SURVEY G SECTORS 1,2
264 09 43 19	-72	-5.6	SURVEY W-U	264 10 30 03	-213	-45.3	SURVEY G SECTORS 1,2
264 09 43 23	-72	9.3	SURVEY W-U	264 10 30 07	-207	-45.3	SURVEY G SECTORS 1,2
264 09 43 28	-54	9.3	SURVEY W-U	264 10 30 12	-201	-45.3	SURVEY G SECTORS 1,2
264 09 43 33	-54	-5.6	SURVEY W-U	264 10 30 17	-195	-45.3	SURVEY G SECTORS 1,2
264 09 43 38	-54	-20.3	SURVEY W-U	264 10 30 21	-189	-45.3	SURVEY G SECTORS 1,2
264 09 43 43	-54	-35.3	SURVEY W-U	264 10 30 25	-183	-45.3	SURVEY G SECTORS 1,2
264 09 43 46	-54	-50.2	SURVEY W-U	264 10 30 33	-180	-40.3	SURVEY G SECTORS 1,2
264 09 43 52	-36	-50.2	SURVEY W-U	264 10 30 37	-186	-40.3	SURVEY G SECTORS 1,2
264 09 43 57	-36	-35.3	SURVEY W-U	264 10 30 41	-192	-40.3	SURVEY G SECTORS 1,2
264 09 44 01	-36	-20.3	SURVEY W-U	264 10 30 46	-198	-40.3	SURVEY G SECTORS 1,2
264 09 44 06	-36	-5.6	SURVEY W-U	264 10 30 51	-204	-40.3	SURVEY G SECTORS 1,2
264 09 44 10	-36	9.3	SURVEY W-U	264 10 30 56	-210	-40.3	SURVEY G SECTORS 1,2
264 09 44 15	-18	9.3	SURVEY W-U	264 10 30 59	-213	-35.3	SURVEY G SECTORS 1,2
264 09 44 38	-18	24.3	SURVEY W-U	264 10 31 04	-207	-35.3	SURVEY G SECTORS 1,2
264 09 45 00	-18	-5.6	SURVEY W-U	264 10 31 09	-201	-35.3	SURVEY G SECTORS 1,2
264 09 45 05	-18	-20.3	SURVEY W-U	264 10 31 12	-195	-35.3	SURVEY G SECTORS 1,2
264 09 45 09	-18	-35.3	SURVEY W-U	264 10 31 17	-189	-35.3	SURVEY G SECTORS 1,2
264 09 45 14	-18	-50.2	SURVEY W-U	264 10 31 22	-183	-35.3	SURVEY G SECTORS 1,2
264 09 45 22	0	-50.2	SURVEY W-U	264 10 31 27	-180	-30.3	SURVEY G SECTORS 1,2
264 09 45 26	0	-35.3	SURVEY W-U	264 10 31 55	-180	-30.3	SURVEY G SECTORS 1,2
264 09 45 30	0	-20.3	SURVEY W-U	264 10 32 09	-186	-30.3	SURVEY G SECTORS 1,2
264 09 45 35	0	-5.6	SURVEY W-U	264 10 32 14	-192	-30.3	SURVEY G SECTORS 1,2
264 09 45 40	0	9.3	SURVEY W-U	264 10 32 17	-198	-30.3	SURVEY G SECTORS 1,2
264 09 45 43	0	24.3	SURVEY W-U	264 10 32 22	-204	-30.3	SURVEY G SECTORS 1,2
264 09 45 49	18	24.3	SURVEY W-U	264 10 32 27	-210	-30.3	SURVEY G SECTORS 1,2
264 09 45 54	18	9.3	SURVEY W-U	264 10 32 32	-213	-25.3	SURVEY G SECTORS 1,2
264 09 45 59	18	-5.6	SURVEY W-U	264 10 32 36	-207	-25.3	SURVEY G SECTORS 1,2
264 09 46 03	18	-20.3	SURVEY W-U	264 10 32 40	-201	-25.3	SURVEY G SECTORS 1,2
264 09 46 07	18	-35.3	SURVEY W-U	264 10 32 45	-195	-25.3	SURVEY G SECTORS 1,2
264 09 46 12	18	-50.2	SURVEY W-U	264 10 32 50	-189	-25.3	SURVEY G SECTORS 1,2
264 09 46 17	36	-50.2	SURVEY W-U	264 10 32 54	-183	-25.3	SURVEY G SECTORS 1,2
264 09 46 22	36	-35.3	SURVEY W-U	264 10 32 58	-180	-20.3	SURVEY G SECTORS 1,2
264 09 47 21	18	-65.1	SURVEY W-U	264 10 33 03	-186	-20.3	SURVEY G SECTORS 1,2
264 09 47 26	0	-65.1	SURVEY W-U	264 10 33 07	-192	-20.3	SURVEY G SECTORS 1,2
264 09 47 32	-18	-65.1	SURVEY W-U	264 10 33 12	-198	-20.3	SURVEY G SECTORS 1,2
264 09 47 37	-36	-65.1	SURVEY W-U	264 10 33 17	-204	-20.3	SURVEY G SECTORS 1,2
264 09 49 39	-36	-35.3	SHADOW PROGRESSION A	264 10 33 21	-210	-20.3	SURVEY G SECTORS 1,2
264 09 49 51	-36	-35.3	SHADOW PROGRESSION A	264 10 33 27	-213	-15.3	SURVEY G SECTORS 1,2
264 09 53 09	-36	-35.3	SHADOW PROGRESSION A	264 10 33 32	-207	-15.3	SURVEY G SECTORS 1,2
264 09 54 08	-54	-35.3	SHADOW PROGRESSION A	264 10 33 37	-201	-15.3	SURVEY G SECTORS 1,2
264 09 54 28	-72	-35.3	SHADOW PROGRESSION A	264 10 33 41	-195	-15.3	SURVEY G SECTORS 1,2
264 09 54 47	-72	-20.3	SHADOW PROGRESSION A	264 10 33 45	-189	-15.3	SURVEY G SECTORS 1,2
264 09 55 09	-54	-20.3	SHADOW PROGRESSION A	264 10 33 50	-183	-15.3	SURVEY G SECTORS 1,2
264 09 55 31	-36	-20.3	SHADOW PROGRESSION A	264 10 35 20	-177	-65.1	SURVEY G SECTORS 3,4
264 09 56 02	-54	-5.6	SHADOW PROGRESSION A	264 10 35 32	-177	-65.1	SURVEY G SECTORS 3,4
264 09 56 25	-72	-5.6	SHADOW PROGRESSION A	264 10 36 11	-177	-65.1	SURVEY G SECTORS 3,4
264 09 57 42	-51	-30.3	SHADOW PROGRESSION A	264 10 36 16	-171	-65.1	SURVEY G SECTORS 3,4
264 09 58 12	-51	-30.3	SHADOW PROGRESSION A	264 10 36 21	-165	-65.1	SURVEY G SECTORS 3,4
264 09 58 34	-48	-30.3	SHADOW PROGRESSION A	264 10 36 26	-159	-65.1	SURVEY G SECTORS 3,4
264 09 58 39	-45	-30.3	SHADOW PROGRESSION A	264 10 36 29	-153	-65.1	SURVEY G SECTORS 3,4
264 09 59 04	-39	-30.3	SHADOW PROGRESSION A	264 10 36 34	-147	-65.1	SURVEY G SECTORS 3,4
264 09 59 10	-39	-30.3	SHADOW PROGRESSION A	264 10 36 39	-144	-60.1	SURVEY G SECTORS 3,4

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
264 10 36 44	-150	-60.1	SURVEY G SECTORS 3,4	264 10 51 12	-129	-35.3	SURVEY G SECTORS 5,6
264 10 36 48	-156	-60.1	SURVEY G SECTORS 3,4	264 10 51 24	-123	-35.3	SURVEY G SECTORS 5,6
264 10 36 52	-162	-60.1	SURVEY G SECTORS 3,4	264 10 51 27	-117	-35.3	SURVEY G SECTORS 5,6
264 10 36 57	-168	-60.1	SURVEY G SECTORS 3,4	264 10 51 32	-111	-35.3	SURVEY G SECTORS 5,6
264 10 37 02	-174	-60.1	SURVEY G SECTORS 3,4	264 10 51 37	-108	-30.3	SURVEY G SECTORS 5,6
264 10 37 06	-177	-55.2	SURVEY G SECTORS 3,4	264 10 51 42	-114	-30.3	SURVEY G SECTORS 5,6
264 10 37 10	-171	-55.2	SURVEY G SECTORS 3,4	264 10 51 45	-120	-30.3	SURVEY G SECTORS 5,6
264 10 37 15	-165	-55.2	SURVEY G SECTORS 3,4	264 10 51 50	-126	-30.3	SURVEY G SECTORS 5,6
264 10 37 20	-159	-55.2	SURVEY G SECTORS 3,4	264 10 51 55	-132	-30.3	SURVEY G SECTORS 5,6
264 10 37 24	-153	-55.2	SURVEY G SECTORS 3,4	264 10 52 00	-138	-30.3	SURVEY G SECTORS 5,6
264 10 37 28	-147	-55.2	SURVEY G SECTORS 3,4	264 10 52 06	-141	-25.3	SURVEY G SECTORS 5,6
264 10 37 33	-144	-50.2	SURVEY G SECTORS 3,4	264 10 52 11	-135	-25.3	SURVEY G SECTORS 5,6
264 10 37 37	-150	-50.2	SURVEY G SECTORS 3,4	264 10 52 16	-129	-25.3	SURVEY G SECTORS 5,6
264 10 37 42	-156	-50.2	SURVEY G SECTORS 3,4	264 10 52 20	-123	-25.3	SURVEY G SECTORS 5,6
264 10 37 47	-162	-50.2	SURVEY G SECTORS 3,4	264 10 52 24	-117	-25.3	SURVEY G SECTORS 5,6
264 10 37 51	-168	-50.2	SURVEY G SECTORS 3,4	264 10 52 29	-111	-25.3	SURVEY G SECTORS 5,6
264 10 37 55	-174	-50.2	SURVEY G SECTORS 3,4	264 10 52 35	-108	-20.3	SURVEY G SECTORS 5,6
264 10 38 00	-177	-45.3	SURVEY G SECTORS 3,4	264 10 52 38	-114	-20.3	SURVEY G SECTORS 5,6
264 10 38 05	-171	-45.3	SURVEY G SECTORS 3,4	264 10 53 09	-105	-65.1	SURVEY G SECTORS 7,8
264 10 38 09	-165	-45.3	SURVEY G SECTORS 3,4	264 10 54 09	-105	-65.1	SURVEY G SECTORS 7,8
264 10 38 13	-159	-45.3	SURVEY G SECTORS 3,4	264 10 55 20	-105	-65.1	SURVEY G SECTORS 7,8
264 10 38 18	-153	-45.3	SURVEY G SECTORS 3,4	264 10 55 25	-99	-65.1	SURVEY G SECTORS 7,8
264 10 38 23	-147	-45.3	SURVEY G SECTORS 3,4	264 10 55 28	-93	-65.1	SURVEY G SECTORS 7,8
264 10 38 32	-144	-40.3	SURVEY G SECTORS 3,4	264 10 55 33	-87	-65.1	SURVEY G SECTORS 7,8
264 10 38 37	-150	-40.3	SURVEY G SECTORS 3,4	264 10 55 38	-81	-65.1	SURVEY G SECTORS 7,8
264 10 38 42	-156	-40.3	SURVEY G SECTORS 3,4	264 10 55 43	-75	-65.1	SURVEY G SECTORS 7,8
264 10 41 52	-162	-40.3	SURVEY G SECTORS 3,4	264 10 55 47	-72	-60.1	SURVEY G SECTORS 7,8
264 10 41 57	-168	-40.3	SURVEY G SECTORS 3,4	264 10 55 51	-78	-60.1	SURVEY G SECTORS 7,8
264 10 42 02	-174	-40.3	SURVEY G SECTORS 3,4	264 10 55 56	-84	-60.1	SURVEY G SECTORS 7,8
264 10 42 07	-177	-35.3	SURVEY G SECTORS 3,4	264 10 56 00	-90	-60.1	SURVEY G SECTORS 7,8
264 10 42 11	-171	-35.3	SURVEY G SECTORS 3,4	264 10 56 05	-96	-60.1	SURVEY G SECTORS 7,8
264 10 42 15	-165	-35.3	SURVEY G SECTORS 3,4	264 10 56 09	-102	-60.1	SURVEY G SECTORS 7,8
264 10 42 20	-159	-35.3	SURVEY G SECTORS 3,4	264 10 56 14	-105	-55.2	SURVEY G SECTORS 7,8
264 10 42 25	-153	-35.3	SURVEY G SECTORS 3,4	264 10 56 18	-99	-55.2	SURVEY G SECTORS 7,8
264 10 42 29	-147	-35.3	SURVEY G SECTORS 3,4	264 10 56 23	-93	-55.2	SURVEY G SECTORS 7,8
264 10 42 33	-144	-30.3	SURVEY G SECTORS 3,4	264 10 56 27	-87	-55.2	SURVEY G SECTORS 7,8
264 10 43 06	-144	-30.3	SURVEY G SECTORS 3,4	264 10 56 32	-81	-55.2	SURVEY G SECTORS 7,8
264 10 43 20	-150	-30.3	SURVEY G SECTORS 3,4	264 10 56 36	-75	-55.2	SURVEY G SECTORS 7,8
264 10 43 24	-156	-30.3	SURVEY G SECTORS 3,4	264 10 56 41	-72	-50.2	SURVEY G SECTORS 7,8
264 10 43 29	-162	-30.3	SURVEY G SECTORS 3,4	264 10 56 46	-78	-50.2	SURVEY G SECTORS 7,8
264 10 43 34	-168	-30.3	SURVEY G SECTORS 3,4	264 10 56 50	-84	-50.2	SURVEY G SECTORS 7,8
264 10 43 39	-174	-30.3	SURVEY G SECTORS 3,4	264 10 56 54	-90	-50.2	SURVEY G SECTORS 7,8
264 10 43 42	-177	-25.3	SURVEY G SECTORS 3,4	264 10 56 59	-96	-50.2	SURVEY G SECTORS 7,8
264 10 43 47	-171	-25.3	SURVEY G SECTORS 3,4	264 10 57 04	-102	-50.2	SURVEY G SECTORS 7,8
264 10 43 52	-165	-25.3	SURVEY G SECTORS 3,4	264 10 57 11	-105	-45.3	SURVEY G SECTORS 7,8
264 10 43 55	-159	-25.3	SURVEY G SECTORS 3,4	264 10 57 16	-99	-45.3	SURVEY G SECTORS 7,8
264 10 44 00	-153	-25.3	SURVEY G SECTORS 3,4	264 10 57 19	-93	-45.3	SURVEY G SECTORS 7,8
264 10 44 05	-147	-25.3	SURVEY G SECTORS 3,4	264 10 57 24	-87	-45.3	SURVEY G SECTORS 7,8
264 10 45 27	-141	-65.1	SURVEY G SECTORS 5,6	264 10 57 29	-81	-45.3	SURVEY G SECTORS 7,8
264 10 47 01	-141	-65.1	SURVEY G SECTORS 5,6	264 10 57 34	-75	-45.3	SURVEY G SECTORS 7,8
264 10 47 36	-141	-65.1	SURVEY G SECTORS 5,6	264 10 57 37	-72	-40.3	SURVEY G SECTORS 7,8
264 10 48 00	-135	-65.1	SURVEY G SECTORS 5,6	264 10 57 42	-78	-40.3	SURVEY G SECTORS 7,8
264 10 48 05	-129	-65.1	SURVEY G SECTORS 5,6	264 10 57 47	-84	-40.3	SURVEY G SECTORS 7,8
264 10 48 10	-123	-65.1	SURVEY G SECTORS 5,6	264 10 57 52	-90	-40.3	SURVEY G SECTORS 7,8
264 10 48 13	-117	-65.1	SURVEY G SECTORS 5,6	264 10 57 55	-96	-40.3	SURVEY G SECTORS 7,8
264 10 48 18	-111	-65.1	SURVEY G SECTORS 5,6	264 10 58 00	-102	-40.3	SURVEY G SECTORS 7,8
264 10 48 23	-108	-60.1	SURVEY G SECTORS 5,6	264 10 58 05	-105	-35.3	SURVEY G SECTORS 7,8
264 10 48 28	-114	-60.1	SURVEY G SECTORS 5,6	264 10 58 10	-99	-35.3	SURVEY G SECTORS 7,8
264 10 48 31	-120	-60.1	SURVEY G SECTORS 5,6	264 10 58 15	-93	-35.3	SURVEY G SECTORS 7,8
264 10 48 36	-126	-60.1	SURVEY G SECTORS 5,6	264 10 58 18	-87	-35.3	SURVEY G SECTORS 7,8
264 10 48 41	-132	-60.1	SURVEY G SECTORS 5,6	264 10 58 23	-81	-35.3	SURVEY G SECTORS 7,8
264 10 48 46	-138	-60.1	SURVEY G SECTORS 5,6	264 10 58 28	-75	-35.3	SURVEY G SECTORS 7,8
264 10 48 50	-141	-55.2	SURVEY G SECTORS 5,6	264 10 58 48	-75	-35.3	SURVEY G SECTORS 7,8
264 10 48 54	-135	-55.2	SURVEY G SECTORS 5,6	264 10 59 05	-72	-30.3	SURVEY G SECTORS 7,8
264 10 48 59	-129	-55.2	SURVEY G SECTORS 5,6	264 10 59 10	-78	-30.3	SURVEY G SECTORS 7,8
264 10 49 04	-123	-55.2	SURVEY G SECTORS 5,6	264 10 59 14	-84	-30.3	SURVEY G SECTORS 7,8
264 10 49 08	-117	-55.2	SURVEY G SECTORS 5,6	264 10 59 19	-90	-30.3	SURVEY G SECTORS 7,8
264 10 49 12	-111	-55.2	SURVEY G SECTORS 5,6	264 10 59 23	-96	-30.3	SURVEY G SECTORS 7,8
264 10 49 17	-108	-50.2	SURVEY G SECTORS 5,6	264 10 59 28	-102	-30.3	SURVEY G SECTORS 7,8
264 10 49 21	-114	-50.2	SURVEY G SECTORS 5,6	264 10 59 34	-105	-25.3	SURVEY G SECTORS 7,8
264 10 49 26	-120	-50.2	SURVEY G SECTORS 5,6	264 10 59 39	-99	-25.3	SURVEY G SECTORS 7,8
264 10 49 31	-126	-50.2	SURVEY G SECTORS 5,6	264 10 59 44	-93	-25.3	SURVEY G SECTORS 7,8
264 10 49 35	-132	-50.2	SURVEY G SECTORS 5,6	264 10 59 49	-87	-25.3	SURVEY G SECTORS 7,8
264 10 49 39	-138	-50.2	SURVEY G SECTORS 5,6	264 10 59 52	-81	-25.3	SURVEY G SECTORS 7,8
264 10 49 46	-141	-45.3	SURVEY G SECTORS 5,6	264 10 59 57	-75	-25.3	SURVEY G SECTORS 7,8
264 10 49 51	-135	-45.3	SURVEY G SECTORS 5,6	264 11 00 02	-72	-20.3	SURVEY G SECTORS 7,8
264 10 49 55	-129	-45.3	SURVEY G SECTORS 5,6	264 11 00 07	-78	-20.3	SURVEY G SECTORS 7,8
264 10 49 59	-123	-45.3	SURVEY G SECTORS 5,6	264 11 00 12	-84	-20.3	SURVEY G SECTORS 7,8
264 10 50 04	-117	-45.3	SURVEY G SECTORS 5,6	264 11 00 16	-90	-20.3	SURVEY G SECTORS 7,8
264 10 50 08	-111	-45.3	SURVEY G SECTORS 5,6	264 11 00 37	-90	-20.3	SURVEY G SECTORS 7,8
264 10 50 13	-108	-40.3	SURVEY G SECTORS 5,6	264 11 00 49	-96	-20.3	SURVEY G SECTORS 7,8
264 10 50 17	-114	-40.3	SURVEY G SECTORS 5,6	264 11 00 54	-102	-20.3	SURVEY G SECTORS 7,8
264 10 50 22	-120	-40.3	SURVEY G SECTORS 5,6	264 11 00 59	-105	-15.3	SURVEY G SECTORS 7,8
264 10 50 26	-126	-40.3	SURVEY G SECTORS 5,6	264 11 01 03	-99	-15.3	SURVEY G SECTORS 7,8
264 10 50 31	-132	-40.3	SURVEY G SECTORS 5,6	264 11 01 07	-93	-15.3	SURVEY G SECTORS 7,8
264 10 50 36	-138	-40.3	SURVEY G SECTORS 5,6	264 11 01 12	-87	-15.3	SURVEY G SECTORS 7,8
264 10 50 40	-141	-35.3	SURVEY G SECTORS 5,6	264 11 01 17	-81	-15.3	SURVEY G SECTORS 7,8
264 10 50 45	-135	-35.3	SURVEY G SECTORS 5,6	264 11 01 20	-75	-15.3	SURVEY G SECTORS 7,8
264 10 50 50	-129	-35.3	SURVEY G SECTORS 5,6	264 11 01 25	-72	-10.5	SURVEY G SECTORS 7,8

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
264 11 01 30	-78	-10.5	SURVEY G SECTORS 7,8	264 11 34 50	-63	-15.3	SURVEY G SECTORS 9,10
264 11 01 35	-84	-10.5	SURVEY G SECTORS 7,8	264 11 34 55	-57	-15.3	SURVEY G SECTORS 9,10
264 11 01 38	-90	-10.5	SURVEY G SECTORS 7,8	264 11 34 59	-51	-15.3	SURVEY G SECTORS 9,10
264 11 01 43	-96	-10.5	SURVEY G SECTORS 7,8	264 11 35 04	-45	-15.3	SURVEY G SECTORS 9,10
264 11 01 48	-102	-10.5	SURVEY G SECTORS 7,8	264 11 35 08	-39	-15.3	SURVEY G SECTORS 9,10
264 11 01 53	-105	-5.6	SURVEY G SECTORS 7,8	264 11 35 13	-33	-15.3	SURVEY G SECTORS 11,12
264 11 01 56	-99	-5.6	SURVEY G SECTORS 7,8	264 11 35 17	-30	-10.5	SURVEY G SECTORS 11,12
264 11 02 01	-93	-5.6	SURVEY G SECTORS 7,8	264 11 35 21	-36	-10.5	SURVEY G SECTORS 9,10
264 11 02 06	-87	-5.6	SURVEY G SECTORS 7,8	264 11 35 26	-42	-10.5	SURVEY G SECTORS 9,10
264 11 02 11	-81	-5.6	SURVEY G SECTORS 7,8	264 11 35 31	-48	-10.5	SURVEY G SECTORS 9,10
264 11 02 15	-75	-5.6	SURVEY G SECTORS 7,8	264 11 35 36	-54	-10.5	SURVEY G SECTORS 9,10
264 11 02 43	-69	-65.1	SURVEY G SECTORS 9,10	264 11 35 39	-60	-10.5	SURVEY G SECTORS 9,10
264 11 04 22	-63	-65.1	SURVEY G SECTORS 9,10	264 11 35 44	-66	-10.5	SURVEY G SECTORS 9,10
264 11 04 27	-57	-65.1	SURVEY G SECTORS 9,10	264 11 35 49	-69	-5.6	SURVEY G SECTORS 9,10
264 11 04 32	-51	-65.1	SURVEY G SECTORS 9,10	264 11 36 17	-69	-5.6	SURVEY G SECTORS 9,10
264 11 04 36	-45	-65.1	SURVEY G SECTORS 9,10	264 11 36 31	-63	-5.6	SURVEY G SECTORS 9,10
264 11 04 40	-39	-65.1	SURVEY G SECTORS 9,10	264 11 36 35	-57	-5.6	SURVEY G SECTORS 9,10
264 11 04 45	-33	-65.1	SURVEY G SECTORS 11,12	264 11 37 01	-57	-5.6	SURVEY G SECTORS 9,10
264 11 04 50	-30	-60.1	SURVEY G SECTORS 11,12	264 11 37 14	-51	-5.6	SURVEY G SECTORS 9,10
264 11 04 55	-36	-60.1	SURVEY G SECTORS 9,10	264 11 37 19	-45	-5.6	SURVEY G SECTORS 9,10
264 11 04 58	-42	-60.1	SURVEY G SECTORS 9,10	264 11 37 39	-45	-5.6	SURVEY G SECTORS 9,10
264 11 05 03	-48	-60.1	SURVEY G SECTORS 9,10	264 11 37 51	-39	-5.6	SURVEY G SECTORS 9,10
264 11 05 08	-54	-60.1	SURVEY G SECTORS 9,10	264 11 37 55	-33	-5.6	SURVEY G SECTORS 11,12
264 11 05 13	-60	-60.1	SURVEY G SECTORS 9,10	264 11 37 59	-30	-0.7	SURVEY G SECTORS 11,12
264 11 05 16	-66	-60.1	SURVEY G SECTORS 9,10	264 11 38 04	-36	-0.7	SURVEY G SECTORS 9,10
264 11 05 21	-69	-55.2	SURVEY G SECTORS 9,10	264 11 38 09	-42	-0.7	SURVEY G SECTORS 9,10
264 11 05 26	-63	-55.2	SURVEY G SECTORS 9,10	264 11 38 13	-48	-0.7	SURVEY G SECTORS 9,10
264 11 05 30	-57	-55.2	SURVEY G SECTORS 9,10	264 11 38 36	-54	-0.7	SURVEY G SECTORS 9,10
264 11 05 35	-51	-55.2	SURVEY G SECTORS 9,10	264 11 38 48	-54	-0.7	SURVEY G SECTORS 9,10
264 11 05 39	-45	-55.2	SURVEY G SECTORS 9,10	264 11 38 53	-60	-0.7	SURVEY G SECTORS 9,10
264 11 05 44	-39	-55.2	SURVEY G SECTORS 9,10	264 11 39 17	-60	-0.7	SURVEY G SECTORS 9,10
264 11 05 48	-33	-55.2	SURVEY G SECTORS 11,12	264 11 39 29	-66	-0.7	SURVEY G SECTORS 9,10
264 11 05 53	-30	-50.2	SURVEY G SECTORS 11,12	264 11 39 33	-69	4.3	SURVEY G SECTORS 9,10
264 11 05 57	-36	-50.2	SURVEY G SECTORS 9,10	264 11 39 38	-63	4.3	SURVEY G SECTORS 9,10
264 11 06 02	-42	-50.2	SURVEY G SECTORS 9,10	264 11 39 43	-57	4.3	SURVEY G SECTORS 9,10
264 11 06 06	-48	-50.2	SURVEY G SECTORS 9,10	264 11 39 48	-51	4.3	SURVEY G SECTORS 9,10
264 11 06 11	-54	-50.2	SURVEY G SECTORS 9,10	264 11 39 51	-45	4.3	SURVEY G SECTORS 9,10
264 11 06 16	-60	-50.2	SURVEY G SECTORS 9,10	264 11 40 15	-45	4.3	SURVEY G SECTORS 9,10
264 11 06 20	-66	-50.2	SURVEY G SECTORS 9,10	264 11 40 26	-39	4.3	SURVEY G SECTORS 9,10
264 11 06 37	-66	-50.2	SURVEY G SECTORS 9,10	264 11 40 31	-33	4.3	SURVEY G SECTORS 11,12
264 11 06 49	-69	-45.3	SURVEY G SECTORS 9,10	264 11 40 49	-33	4.3	SURVEY G SECTORS 11,12
264 11 06 54	-63	-45.3	SURVEY G SECTORS 9,10	264 11 41 11	-30	9.3	SURVEY G SECTORS 11,12
264 11 06 58	-57	-45.3	SURVEY G SECTORS 9,10	264 11 41 38	-36	9.3	SURVEY G SECTORS 9,10
264 11 07 03	-51	-45.3	SURVEY G SECTORS 9,10	264 11 42 05	-42	9.3	SURVEY G SECTORS 9,10
264 11 07 07	-45	-45.3	SURVEY G SECTORS 9,10	264 11 42 22	-48	9.3	SURVEY G SECTORS 9,10
264 11 07 12	-39	-45.3	SURVEY G SECTORS 9,10	264 11 42 46	-45	14.4	SURVEY G SECTORS 9,10
264 11 07 16	-33	-45.3	SURVEY G SECTORS 11,12	264 11 43 04	-39	14.4	SURVEY G SECTORS 9,10
264 11 07 23	-30	-40.3	SURVEY G SECTORS 11,12	264 11 43 20	-33	14.4	SURVEY G SECTORS 11,12
264 11 07 28	-36	-40.3	SURVEY G SECTORS 9,10	264 11 45 34	-27	-65.1	SURVEY G SECTORS 11,12
264 11 07 33	-42	-40.3	SURVEY G SECTORS 9,10	264 11 45 47	-27	-65.1	SURVEY G SECTORS 11,12
264 11 07 36	-48	-40.3	SURVEY G SECTORS 9,10	264 11 46 22	-27	-65.1	SURVEY G SECTORS 11,12
264 11 07 41	-54	-40.3	SURVEY G SECTORS 9,10	264 11 46 26	-21	-65.1	SURVEY G SECTORS 11,12
264 11 07 46	-60	-40.3	SURVEY G SECTORS 9,10	264 11 46 30	-15	-65.1	SURVEY G SECTORS 11,12
264 11 07 51	-66	-40.3	SURVEY G SECTORS 9,10	264 11 46 35	-9	-65.1	SURVEY G SECTORS 11,12
264 11 07 56	-69	-35.3	SURVEY G SECTORS 9,10	264 11 46 40	-3	-65.1	SURVEY G SECTORS 11,12
264 11 08 15	-69	-35.3	SURVEY G SECTORS 9,10	264 11 46 44	0	-60.1	SURVEY G SECTORS 11,12
264 11 08 27	-63	-35.3	SURVEY G SECTORS 9,10	264 11 46 48	-6	-60.1	SURVEY G SECTORS 11,12
264 11 08 32	-57	-35.3	SURVEY G SECTORS 9,10	264 11 46 53	-12	-60.1	SURVEY G SECTORS 11,12
264 11 08 35	-51	-35.3	SURVEY G SECTORS 9,10	264 11 46 58	-18	-60.1	SURVEY G SECTORS 11,12
264 11 08 40	-45	-35.3	SURVEY G SECTORS 9,10	264 11 47 02	-24	-60.1	SURVEY G SECTORS 11,12
264 11 08 45	-39	-35.3	SURVEY G SECTORS 9,10	264 11 47 07	-27	-55.2	SURVEY G SECTORS 11,12
264 11 08 50	-33	-35.3	SURVEY G SECTORS 11,12	264 11 47 11	-21	-55.2	SURVEY G SECTORS 11,12
264 11 08 53	-30	-30.3	SURVEY G SECTORS 11,12	264 11 47 16	-15	-55.2	SURVEY G SECTORS 11,12
264 11 08 58	-36	-30.3	SURVEY G SECTORS 9,10	264 11 47 20	-9	-55.2	SURVEY G SECTORS 11,12
264 11 09 03	-42	-30.3	SURVEY G SECTORS 9,10	264 11 47 25	-3	-55.2	SURVEY G SECTORS 11,12
264 11 09 08	-48	-30.3	SURVEY G SECTORS 9,10	264 11 47 29	0	-50.2	SURVEY G SECTORS 11,12
264 11 09 11	-54	-30.3	SURVEY G SECTORS 9,10	264 11 47 33	-6	-50.2	SURVEY G SECTORS 11,12
264 11 09 16	-60	-30.3	SURVEY G SECTORS 9,10	264 11 47 38	-12	-50.2	SURVEY G SECTORS 11,12
264 11 09 21	-66	-30.3	SURVEY G SECTORS 9,10	264 11 47 43	-18	-50.2	SURVEY G SECTORS 11,12
264 11 09 26	-69	-25.3	SURVEY G SECTORS 9,10	264 11 47 48	-24	-50.2	SURVEY G SECTORS 11,12
264 11 09 45	-69	-25.3	SURVEY G SECTORS 9,10	264 11 47 51	-27	-45.3	SURVEY G SECTORS 11,12
264 11 10 03	-63	-25.3	SURVEY G SECTORS 9,10	264 11 47 56	-21	-45.3	SURVEY G SECTORS 11,12
264 11 10 07	-57	-25.3	SURVEY G SECTORS 9,10	264 11 48 01	-15	-45.3	SURVEY G SECTORS 11,12
264 11 10 12	-51	-25.3	SURVEY G SECTORS 9,10	264 11 48 06	-9	-45.3	SURVEY G SECTORS 11,12
264 11 10 17	-45	-25.3	SURVEY G SECTORS 9,10	264 11 48 09	-3	-45.3	SURVEY G SECTORS 11,12
264 11 10 20	-39	-25.3	SURVEY G SECTORS 9,10	264 11 48 14	0	-40.3	SURVEY G SECTORS 11,12
264 11 10 25	-33	-25.3	SURVEY G SECTORS 11,12	264 11 48 19	-6	-40.3	SURVEY G SECTORS 11,12
264 11 10 30	-30	-20.3	SURVEY G SECTORS 11,12	264 11 48 22	-12	-40.3	SURVEY G SECTORS 11,12
264 11 10 35	-36	-20.3	SURVEY G SECTORS 9,10	264 11 48 27	-18	-40.3	SURVEY G SECTORS 11,12
264 11 10 38	-42	-20.3	SURVEY G SECTORS 9,10	264 11 48 32	-24	-40.3	SURVEY G SECTORS 11,12
264 11 10 43	-48	-20.3	SURVEY G SECTORS 9,10	264 11 48 38	-27	-35.3	SURVEY G SECTORS 11,12
264 11 10 48	-54	-20.3	SURVEY G SECTORS 9,10	264 11 48 59	-27	-35.3	SURVEY G SECTORS 11,12
264 11 10 53	-60	-20.3	SURVEY G SECTORS 9,10	264 11 49 12	-21	-35.3	SURVEY G SECTORS 11,12
264 11 10 56	-66	-20.3	SURVEY G SECTORS 9,10	264 11 49 16	-15	-35.3	SURVEY G SECTORS 11,12
264 11 11 05	-69	-15.3	SURVEY G SECTORS 9,10	264 11 49 20	-9	-35.3	SURVEY G SECTORS 11,12
264 11 11 30	-69	-15.3	SURVEY G SECTORS 9,10	264 11 49 25	-3	-35.3	SURVEY G SECTORS 11,12
264 11 11 40	-69	-15.3	SURVEY G SECTORS 9,10	264 11 49 30	0	-30.3	SURVEY G SECTORS 11,12
264 11 33 51	-69	-15.3	SURVEY G SECTORS 9,10	264 11 49 34	-6	-30.3	SURVEY G SECTORS 11,12
264 11 34 01	-69	-15.3	SURVEY G SECTORS 9,10	264 11 49 38	-12	-30.3	SURVEY G SECTORS 11,12

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
264 11 49 43	-18	-30.3	SURVEY G SECTORS 11,12	264 12 08 13	27	-45.3	SURVEY G SECTORS 13,14
264 11 49 48	-24	-30.3	SURVEY G SECTORS 11,12	264 12 08 17	30	-40.3	SURVEY G SECTORS 13,14
264 11 49 52	-27	-25.3	SURVEY G SECTORS 11,12	264 12 08 21	24	-40.3	SURVEY G SECTORS 13,14
264 11 50 11	-27	-25.3	SURVEY G SECTORS 11,12	264 12 08 26	18	-40.3	SURVEY G SECTORS 13,14
264 11 50 24	-21	-25.3	SURVEY G SECTORS 11,12	264 12 08 31	12	-40.3	SURVEY G SECTORS 13,14
264 11 50 29	-15	-25.3	SURVEY G SECTORS 11,12	264 12 08 35	6	-40.3	SURVEY G SECTORS 13,14
264 11 50 33	-9	-25.3	SURVEY G SECTORS 11,12	264 12 08 41	3	-35.3	SURVEY G SECTORS 13,14
264 11 50 38	-3	-25.3	SURVEY G SECTORS 11,12	264 12 08 46	9	-35.3	SURVEY G SECTORS 13,14
264 11 50 42	0	-20.3	SURVEY G SECTORS 11,12	264 12 08 50	15	-35.3	SURVEY G SECTORS 13,14
264 11 50 46	-6	-20.3	SURVEY G SECTORS 11,12	264 12 08 55	21	-35.3	SURVEY G SECTORS 13,14
264 11 50 51	-12	-20.3	SURVEY G SECTORS 11,12	264 12 09 00	27	-35.3	SURVEY G SECTORS 13,14
264 11 50 56	-18	-20.3	SURVEY G SECTORS 11,12	264 12 09 04	30	-30.3	SURVEY G SECTORS 13,14
264 11 51 00	-24	-20.3	SURVEY G SECTORS 11,12	264 12 09 08	24	-30.3	SURVEY G SECTORS 13,14
264 11 51 05	-27	-15.3	SURVEY G SECTORS 11,12	264 12 09 13	18	-30.3	SURVEY G SECTORS 13,14
264 11 51 28	-27	-15.3	SURVEY G SECTORS 11,12	264 12 09 18	12	-30.3	SURVEY G SECTORS 13,14
264 11 51 40	-21	-15.3	SURVEY G SECTORS 11,12	264 12 09 22	6	-30.3	SURVEY G SECTORS 13,14
264 11 51 45	-15	-15.3	SURVEY G SECTORS 11,12	264 12 09 26	3	-25.3	SURVEY G SECTORS 13,14
264 11 51 50	-9	-15.3	SURVEY G SECTORS 11,12	264 12 09 45	3	-25.3	SURVEY G SECTORS 13,14
264 11 51 53	-3	-15.3	SURVEY G SECTORS 11,12	264 12 09 57	9	-25.3	SURVEY G SECTORS 13,14
264 11 52 04	0	-10.5	SURVEY G SECTORS 11,12	264 12 10 02	15	-25.3	SURVEY G SECTORS 13,14
264 11 52 09	-6	-10.5	SURVEY G SECTORS 11,12	264 12 10 06	21	-25.3	SURVEY G SECTORS 13,14
264 11 52 14	-12	-10.5	SURVEY G SECTORS 11,12	264 12 10 11	27	-25.3	SURVEY G SECTORS 13,14
264 11 52 18	-18	-10.5	SURVEY G SECTORS 11,12	264 12 10 15	30	-20.3	SURVEY G SECTORS 13,14
264 11 52 22	-24	-10.5	SURVEY G SECTORS 11,12	264 12 10 20	24	-20.3	SURVEY G SECTORS 13,14
264 11 52 28	-27	-5.6	SURVEY G SECTORS 11,12	264 12 10 24	18	-20.3	SURVEY G SECTORS 13,14
264 11 52 46	-27	-5.6	SURVEY G SECTORS 11,12	264 12 10 29	12	-20.3	SURVEY G SECTORS 13,14
264 11 52 58	-21	-5.6	SURVEY G SECTORS 11,12	264 12 10 34	6	-20.3	SURVEY G SECTORS 13,14
264 11 53 02	-15	-5.6	SURVEY G SECTORS 11,12	264 12 10 38	3	-15.3	SURVEY G SECTORS 13,14
264 11 53 07	-9	-5.6	SURVEY G SECTORS 11,12	264 12 10 59	3	-15.3	SURVEY G SECTORS 13,14
264 11 53 12	-3	-5.6	SURVEY G SECTORS 11,12	264 12 11 11	9	-15.3	SURVEY G SECTORS 13,14
264 11 53 17	0	-0.7	SURVEY G SECTORS 11,12	264 12 11 16	15	-15.3	SURVEY G SECTORS 13,14
264 11 53 20	-6	-0.7	SURVEY G SECTORS 11,12	264 12 11 21	21	-15.3	SURVEY G SECTORS 13,14
264 11 53 25	-12	-0.7	SURVEY G SECTORS 11,12	264 12 11 25	27	-15.3	SURVEY G SECTORS 13,14
264 11 53 30	-18	-0.7	SURVEY G SECTORS 11,12	264 12 11 29	30	-10.5	SURVEY G SECTORS 13,14
264 11 53 33	-24	-0.7	SURVEY G SECTORS 11,12	264 12 11 34	24	-10.5	SURVEY G SECTORS 13,14
264 11 53 38	-27	4.3	SURVEY G SECTORS 11,12	264 12 11 39	18	-10.5	SURVEY G SECTORS 13,14
264 11 53 43	-21	4.3	SURVEY G SECTORS 11,12	264 12 11 44	12	-10.5	SURVEY G SECTORS 13,14
264 11 53 48	-15	4.3	SURVEY G SECTORS 11,12	264 12 11 47	6	-10.5	SURVEY G SECTORS 13,14
264 11 54 08	-15	4.3	SURVEY G SECTORS 11,12	264 12 11 54	3	-5.6	SURVEY G SECTORS 13,14
264 11 54 19	-9	4.3	SURVEY G SECTORS 11,12	264 12 12 12	3	-5.6	SURVEY G SECTORS 13,14
264 11 54 24	-3	4.3	SURVEY G SECTORS 11,12	264 12 12 24	9	-5.6	SURVEY G SECTORS 13,14
264 11 54 28	0	9.3	SURVEY G SECTORS 11,12	264 12 12 29	15	-5.6	SURVEY G SECTORS 13,14
264 11 54 58	0	9.3	SURVEY G SECTORS 11,12	264 12 12 34	21	-5.6	SURVEY G SECTORS 13,14
264 11 55 10	-6	9.3	SURVEY G SECTORS 11,12	264 12 12 39	27	-5.6	SURVEY G SECTORS 13,14
264 11 55 15	-12	9.3	SURVEY G SECTORS 11,12	264 12 12 43	30	-0.7	SURVEY G SECTORS 13,14
264 11 55 34	-12	9.3	SURVEY G SECTORS 11,12	264 12 12 47	24	-0.7	SURVEY G SECTORS 13,14
264 11 55 45	-18	9.3	SURVEY G SECTORS 11,12	264 12 12 52	18	-0.7	SURVEY G SECTORS 13,14
264 11 55 49	-24	9.3	SURVEY G SECTORS 11,12	264 12 12 56	12	-0.7	SURVEY G SECTORS 13,14
264 11 55 53	-27	14.4	SURVEY G SECTORS 11,12	264 12 13 01	6	-0.7	SURVEY G SECTORS 13,14
264 11 56 16	-27	14.4	SURVEY G SECTORS 11,12	264 12 13 22	6	-0.7	SURVEY G SECTORS 13,14
264 11 56 28	-21	14.4	SURVEY G SECTORS 11,12	264 12 13 34	3	4.3	SURVEY G SECTORS 13,14
264 11 56 32	-15	14.4	SURVEY G SECTORS 11,12	264 12 13 38	9	4.3	SURVEY G SECTORS 13,14
264 11 56 37	-9	14.4	SURVEY G SECTORS 11,12	264 12 13 43	15	4.3	SURVEY G SECTORS 13,14
264 11 56 58	-9	14.4	SURVEY G SECTORS 11,12	264 12 13 48	21	4.3	SURVEY G SECTORS 13,14
264 11 57 23	-3	14.4	SURVEY G SECTORS 11,12	264 12 13 52	27	4.3	SURVEY G SECTORS 13,14
264 11 57 54	0	19.4	SURVEY G SECTORS 11,12	264 12 13 56	30	9.3	SURVEY G SECTORS 13,14
264 11 58 24	-6	19.4	SURVEY G SECTORS 11,12	264 12 14 01	24	9.3	SURVEY G SECTORS 13,14
264 11 58 37	-12	19.4	SURVEY G SECTORS 11,12	264 12 14 06	18	9.3	SURVEY G SECTORS 13,14
264 11 58 52	-18	19.4	SURVEY G SECTORS 11,12	264 12 14 09	12	9.3	SURVEY G SECTORS 13,14
264 11 59 06	-24	19.4	SURVEY G SECTORS 11,12	264 12 14 14	6	9.3	SURVEY G SECTORS 13,14
264 11 59 39	-30	19.4	SURVEY G SECTORS 11,12	264 12 14 19	3	14.4	SURVEY G SECTORS 13,14
264 12 00 04	-15	24.3	SURVEY G SECTORS 11,12	264 12 14 24	9	14.4	SURVEY G SECTORS 13,14
264 12 00 16	-9	24.3	SURVEY G SECTORS 11,12	264 12 14 27	15	14.4	SURVEY G SECTORS 13,14
264 12 00 30	-3	24.3	SURVEY G SECTORS 11,12	264 12 14 32	21	14.4	SURVEY G SECTORS 13,14
264 12 01 31	3	-65.1	SURVEY G SECTORS 13,14	264 12 14 37	27	14.4	SURVEY G SECTORS 13,14
264 12 01 47	3	-65.1	SURVEY G SECTORS 13,14	264 12 14 58	27	14.4	SURVEY G SECTORS 13,14
264 12 06 29	9	-65.1	SURVEY G SECTORS 13,14	264 12 15 11	30	19.4	SURVEY G SECTORS 13,14
264 12 06 34	15	-65.1	SURVEY G SECTORS 13,14	264 12 15 16	24	19.4	SURVEY G SECTORS 13,14
264 12 06 37	21	-65.1	SURVEY G SECTORS 13,14	264 12 15 19	18	19.4	SURVEY G SECTORS 13,14
264 12 06 42	27	-65.1	SURVEY G SECTORS 13,14	264 12 15 24	12	19.4	SURVEY G SECTORS 13,14
264 12 06 47	30	-60.1	SURVEY G SECTORS 13,14	264 12 15 29	6	19.4	SURVEY G SECTORS 13,14
264 12 06 52	24	-60.1	SURVEY G SECTORS 13,14	264 12 15 34	3	24.3	SURVEY G SECTORS 13,14
264 12 06 55	18	-60.1	SURVEY G SECTORS 13,14	264 12 15 54	3	24.3	SURVEY G SECTORS 13,14
264 12 07 00	12	-60.1	SURVEY G SECTORS 13,14	264 12 16 08	9	24.3	SURVEY G SECTORS 13,14
264 12 07 05	6	-60.1	SURVEY G SECTORS 13,14	264 12 16 12	15	24.3	SURVEY G SECTORS 13,14
264 12 07 10	3	-55.2	SURVEY G SECTORS 13,14	264 12 16 16	21	24.3	SURVEY G SECTORS 13,14
264 12 07 14	9	-55.2	SURVEY G SECTORS 13,14	264 12 16 21	27	24.3	SURVEY G SECTORS 13,14
264 12 07 18	15	-55.2	SURVEY G SECTORS 13,14	264 12 16 58	33	-65.1	SURVEY G SECTORS 13,14
264 12 07 23	21	-55.2	SURVEY G SECTORS 13,14	264 12 17 13	33	-65.1	SURVEY G SECTORS 13,14
264 12 07 28	27	-55.2	SURVEY G SECTORS 13,14	264 12 17 57	33	-65.1	SURVEY G SECTORS 13,14
264 12 07 32	30	-50.2	SURVEY G SECTORS 13,14	264 12 18 42	33	-65.1	SURVEY G SECTORS 13,14
264 12 07 36	24	-50.2	SURVEY G SECTORS 13,14	264 12 18 51	33	-65.1	SURVEY G SECTORS 13,14
264 12 07 41	18	-50.2	SURVEY G SECTORS 13,14	264 12 20 07	33	-65.1	SURVEY G SECTORS 13,14
264 12 07 45	12	-50.2	SURVEY G SECTORS 13,14	264 12 20 18	33	-65.1	SURVEY G SECTORS 13,14
264 12 07 50	6	-50.2	SURVEY G SECTORS 13,14	264 12 20 38	33	-65.1	SURVEY G SECTORS 13,14
264 12 07 54	3	-45.3	SURVEY G SECTORS 13,14	264 12 20 42	39	-65.1	SURVEY G SECTORS 15,16
264 12 07 59	9	-45.3	SURVEY G SECTORS 13,14	264 12 20 46	45	-65.1	SURVEY G SECTORS 15,16
264 12 08 03	15	-45.3	SURVEY G SECTORS 13,14	264 12 20 51	51	-65.1	SURVEY G SECTORS 15,16
264 12 08 08	21	-45.3	SURVEY G SECTORS 13,14	264 12 20 56	57	-65.1	SURVEY G SECTORS 15,16

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
264 12 21 00	60	-60.1	SURVEY G SECTORS 15,16	264 12 45 54	54	19.4	SURVEY G SECTORS 15,16
264 12 21 04	54	-60.1	SURVEY G SECTORS 15,16	264 12 45 58	48	19.4	SURVEY G SECTORS 15,16
264 12 21 09	48	-60.1	SURVEY G SECTORS 15,16	264 12 46 03	42	19.4	SURVEY G SECTORS 15,16
264 12 21 14	42	-60.1	SURVEY G SECTORS 15,16	264 12 46 08	36	19.4	SURVEY G SECTORS 13,14
264 12 21 17	36	-60.1	SURVEY G SECTORS 13,14	264 12 46 12	33	24.3	SURVEY G SECTORS 13,14
264 12 21 22	33	-55.2	SURVEY G SECTORS 13,14	264 12 46 35	33	24.3	SURVEY G SECTORS 13,14
264 12 21 27	39	-55.2	SURVEY G SECTORS 15,16	264 12 46 47	39	24.3	SURVEY G SECTORS 15,16
264 12 21 32	45	-55.2	SURVEY G SECTORS 15,16	264 12 46 50	45	24.3	SURVEY G SECTORS 15,16
264 12 21 35	51	-55.2	SURVEY G SECTORS 15,16	264 12 46 55	51	24.3	SURVEY G SECTORS 15,16
264 12 21 40	57	-55.2	SURVEY G SECTORS 15,16	264 12 47 00	57	24.3	SURVEY G SECTORS 15,16
264 12 21 45	60	-50.2	SURVEY G SECTORS 15,16	264 12 47 31	54	29.2	SURVEY G SECTORS 15,16
264 12 21 50	54	-50.2	SURVEY G SECTORS 15,16	264 12 47 47	48	29.2	SURVEY G SECTORS 15,16
264 12 21 53	48	-50.2	SURVEY G SECTORS 15,16	264 12 48 03	42	29.2	SURVEY G SECTORS 15,16
264 12 21 58	42	-50.2	SURVEY G SECTORS 15,16	264 12 48 20	36	29.2	SURVEY G SECTORS 13,14
264 12 22 03	36	-50.2	SURVEY G SECTORS 13,14	264 12 48 35	30	29.2	SURVEY G SECTORS 13,14
264 12 22 07	33	-45.3	SURVEY G SECTORS 13,14	264 12 48 52	24	29.2	SURVEY G SECTORS 13,14
264 12 22 12	39	-45.3	SURVEY G SECTORS 15,16	264 12 49 05	18	29.2	SURVEY G SECTORS 13,14
264 12 22 16	45	-45.3	SURVEY G SECTORS 15,16	264 12 49 20	12	29.2	SURVEY G SECTORS 13,14
264 12 22 21	51	-45.3	SURVEY G SECTORS 15,16	264 12 49 36	6	29.2	SURVEY G SECTORS 13,14
264 12 22 25	57	-45.3	SURVEY G SECTORS 15,16	264 12 49 49	0	29.2	SURVEY G SECTORS 11,12
264 12 22 30	60	-40.3	SURVEY G SECTORS 15,16	264 12 50 38	60	29.2	SURVEY G SECTORS 15,16
264 12 22 34	54	-40.3	SURVEY G SECTORS 15,16	264 12 51 48	63	-65.1	SURVEY G SECTORS 15,16
264 12 22 39	48	-40.3	SURVEY G SECTORS 15,16	264 12 52 05	63	-65.1	SURVEY G SECTORS 15,16
264 12 22 43	42	-40.3	SURVEY G SECTORS 15,16	264 12 53 00	63	-65.1	SURVEY G SECTORS 15,16
264 12 22 48	36	-40.3	SURVEY G SECTORS 13,14	264 12 53 50	69	-65.1	SURVEY G SECTORS 15,16
264 12 22 55	33	-35.3	SURVEY G SECTORS 13,14	264 12 53 54	75	-65.1	SURVEY G SECTORS 17,18
264 12 25 12	39	-35.3	SURVEY G SECTORS 15,16	264 12 53 58	81	-65.1	SURVEY G SECTORS 17,18
264 12 25 17	45	-35.3	SURVEY G SECTORS 15,16	264 12 54 03	87	-65.1	SURVEY G SECTORS 17,18
264 12 25 21	51	-35.3	SURVEY G SECTORS 15,16	264 12 54 08	93	-65.1	SURVEY G SECTORS 17,18
264 12 25 26	57	-35.3	SURVEY G SECTORS 15,16	264 12 54 12	96	-60.1	SURVEY G SECTORS 17,18
264 12 25 30	60	-30.3	SURVEY G SECTORS 15,16	264 12 54 16	90	-60.1	SURVEY G SECTORS 17,18
264 12 25 35	54	-30.3	SURVEY G SECTORS 15,16	264 12 54 21	84	-60.1	SURVEY G SECTORS 17,18
264 12 25 39	48	-30.3	SURVEY G SECTORS 15,16	264 12 54 26	78	-60.1	SURVEY G SECTORS 17,18
264 12 25 44	42	-30.3	SURVEY G SECTORS 15,16	264 12 54 30	72	-60.1	SURVEY G SECTORS 15,16
264 12 25 49	36	-30.3	SURVEY G SECTORS 13,14	264 12 54 35	66	-60.1	SURVEY G SECTORS 15,16
264 12 25 53	33	-25.3	SURVEY G SECTORS 13,14	264 12 54 39	63	-55.2	SURVEY G SECTORS 15,16
264 12 26 10	33	-25.3	SURVEY G SECTORS 13,14	264 12 54 44	69	-55.2	SURVEY G SECTORS 15,16
264 12 26 22	39	-25.3	SURVEY G SECTORS 15,16	264 12 54 48	75	-55.2	SURVEY G SECTORS 17,18
264 12 26 27	45	-25.3	SURVEY G SECTORS 15,16	264 12 54 53	81	-55.2	SURVEY G SECTORS 17,18
264 12 26 32	51	-25.3	SURVEY G SECTORS 15,16	264 12 54 57	87	-55.2	SURVEY G SECTORS 17,18
264 12 26 37	57	-25.3	SURVEY G SECTORS 15,16	264 12 55 01	93	-55.2	SURVEY G SECTORS 17,18
264 12 26 40	60	-20.3	SURVEY G SECTORS 15,16	264 12 55 06	96	-50.2	SURVEY G SECTORS 17,18
264 12 26 45	54	-20.3	SURVEY G SECTORS 15,16	264 12 55 11	90	-50.2	SURVEY G SECTORS 17,18
264 12 26 50	48	-20.3	SURVEY G SECTORS 15,16	264 12 55 16	84	-50.2	SURVEY G SECTORS 17,18
264 12 26 55	42	-20.3	SURVEY G SECTORS 15,16	264 12 55 19	78	-50.2	SURVEY G SECTORS 17,18
264 12 26 58	36	-20.3	SURVEY G SECTORS 13,14	264 12 55 24	72	-50.2	SURVEY G SECTORS 15,16
264 12 27 18	36	-20.3	SURVEY G SECTORS 13,14	264 12 55 29	66	-50.2	SURVEY G SECTORS 15,16
264 12 27 30	33	-15.3	SURVEY G SECTORS 13,14	264 12 55 34	63	-45.3	SURVEY G SECTORS 15,16
264 12 27 35	39	-15.3	SURVEY G SECTORS 15,16	264 12 55 37	69	-45.3	SURVEY G SECTORS 15,16
264 12 27 38	45	-15.3	SURVEY G SECTORS 15,16	264 12 55 42	75	-45.3	SURVEY G SECTORS 17,18
264 12 27 43	51	-15.3	SURVEY G SECTORS 15,16	264 12 55 47	81	-45.3	SURVEY G SECTORS 17,18
264 12 27 48	57	-15.3	SURVEY G SECTORS 15,16	264 12 55 52	87	-45.3	SURVEY G SECTORS 17,18
264 12 27 53	60	-10.5	SURVEY G SECTORS 15,16	264 12 55 55	93	-45.3	SURVEY G SECTORS 17,18
264 12 27 56	54	-10.5	SURVEY G SECTORS 15,16	264 12 56 00	96	-40.3	SURVEY G SECTORS 17,18
264 12 28 01	48	-10.5	SURVEY G SECTORS 15,16	264 12 56 05	90	-40.3	SURVEY G SECTORS 17,18
264 12 28 06	42	-10.5	SURVEY G SECTORS 15,16	264 12 56 10	84	-40.3	SURVEY G SECTORS 17,18
264 12 28 11	36	-10.5	SURVEY G SECTORS 13,14	264 12 56 13	78	-40.3	SURVEY G SECTORS 17,18
264 12 28 17	33	-5.6	SURVEY G SECTORS 13,14	264 12 56 18	72	-40.3	SURVEY G SECTORS 15,16
264 12 28 36	33	-5.6	SURVEY G SECTORS 13,14	264 12 56 23	66	-40.3	SURVEY G SECTORS 15,16
264 12 28 48	39	-5.6	SURVEY G SECTORS 15,16	264 12 56 30	63	-35.3	SURVEY G SECTORS 15,16
264 12 28 53	45	-5.6	SURVEY G SECTORS 15,16	264 12 56 35	69	-35.3	SURVEY G SECTORS 15,16
264 12 28 57	51	-5.6	SURVEY G SECTORS 15,16	264 12 56 39	75	-35.3	SURVEY G SECTORS 17,18
264 12 29 01	57	-5.6	SURVEY G SECTORS 15,16	264 12 56 43	81	-35.3	SURVEY G SECTORS 17,18
264 12 29 06	60	-0.7	SURVEY G SECTORS 15,16	264 12 56 48	87	-35.3	SURVEY G SECTORS 17,18
264 12 29 10	54	-0.7	SURVEY G SECTORS 15,16	264 12 56 53	93	-35.3	SURVEY G SECTORS 17,18
264 12 29 15	48	-0.7	SURVEY G SECTORS 15,16	264 12 56 57	96	-30.3	SURVEY G SECTORS 17,18
264 12 29 19	42	-0.7	SURVEY G SECTORS 15,16	264 12 57 02	90	-30.3	SURVEY G SECTORS 17,18
264 12 29 24	36	-0.7	SURVEY G SECTORS 13,14	264 12 57 06	84	-30.3	SURVEY G SECTORS 17,18
264 12 29 45	36	-0.7	SURVEY G SECTORS 13,14	264 12 57 11	78	-30.3	SURVEY G SECTORS 17,18
264 12 29 57	33	4.3	SURVEY G SECTORS 13,14	264 12 57 15	72	-30.3	SURVEY G SECTORS 15,16
264 12 30 00	39	4.3	SURVEY G SECTORS 15,16	264 12 57 20	66	-30.3	SURVEY G SECTORS 15,16
264 12 30 05	45	4.3	SURVEY G SECTORS 15,16	264 12 57 24	63	-25.3	SURVEY G SECTORS 15,16
264 12 30 10	51	4.3	SURVEY G SECTORS 15,16	264 12 57 45	63	-25.3	SURVEY G SECTORS 15,16
264 12 30 15	57	4.3	SURVEY G SECTORS 15,16	264 12 57 57	69	-25.3	SURVEY G SECTORS 15,16
264 12 30 20	60	9.3	SURVEY G SECTORS 15,16	264 12 58 01	75	-25.3	SURVEY G SECTORS 17,18
264 12 30 45	60	9.3	SURVEY G SECTORS 15,16	264 12 58 05	81	-25.3	SURVEY G SECTORS 17,18
264 12 43 17	60	9.3	SURVEY G SECTORS 15,16	264 12 58 10	87	-25.3	SURVEY G SECTORS 17,18
264 12 44 06	60	9.3	SURVEY G SECTORS 15,16	264 12 58 15	93	-25.3	SURVEY G SECTORS 17,18
264 12 44 33	54	9.3	SURVEY G SECTORS 15,16	264 12 58 20	96	-20.3	SURVEY G SECTORS 17,18
264 12 44 38	48	9.3	SURVEY G SECTORS 15,16	264 12 58 24	90	-20.3	SURVEY G SECTORS 17,18
264 12 44 41	42	9.3	SURVEY G SECTORS 15,16	264 12 58 28	84	-20.3	SURVEY G SECTORS 17,18
264 12 44 46	36	9.3	SURVEY G SECTORS 13,14	264 12 58 33	78	-20.3	SURVEY G SECTORS 17,18
264 12 44 51	33	14.4	SURVEY G SECTORS 13,14	264 12 58 38	72	-20.3	SURVEY G SECTORS 15,16
264 12 44 56	39	14.4	SURVEY G SECTORS 15,16	264 12 58 42	66	-20.3	SURVEY G SECTORS 15,16
264 12 44 59	45	14.4	SURVEY G SECTORS 15,16	264 12 58 46	63	-15.3	SURVEY G SECTORS 15,16
264 12 45 04	51	14.4	SURVEY G SECTORS 15,16	264 12 59 07	63	-15.3	SURVEY G SECTORS 15,16
264 12 45 09	57	14.4	SURVEY G SECTORS 15,16	264 12 59 20	69	-15.3	SURVEY G SECTORS 15,16
264 12 45 13	60	19.4	SURVEY G SECTORS 15,16	264 12 59 25	75	-15.3	SURVEY G SECTORS 17,18
264 12 45 43	60	19.4	SURVEY G SECTORS 15,16	264 12 59 30	81	-15.3	SURVEY G SECTORS 17,18

SURVEYOR 5 TELEVISION PICTURE DATA

441

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
264 12 59 35	87	-15.3	SURVEY G SECTORS 17,18	264 13 11 49	99	-35.3	SURVEY G SECTORS 17,18
264 12 59 38	93	-15.3	SURVEY G SECTORS 17,18	264 13 11 54	105	-35.3	SURVEY G SECTORS 17,18
264 12 59 43	96	-10.5	SURVEY G SECTORS 17,18	264 13 11 59	111	-35.3	SURVEY G SECTOR 19
264 12 59 48	90	-10.5	SURVEY G SECTORS 17,18	264 13 12 02	117	-35.3	SURVEY G SECTOR 19
264 12 59 52	84	-10.5	SURVEY G SECTORS 17,18	264 13 12 07	123	-35.3	SURVEY G SECTOR 19
264 12 59 56	78	-10.5	SURVEY G SECTORS 17,18	264 13 12 12	126	-30.3	SURVEY G SECTOR 19
264 13 00 01	72	-10.5	SURVEY G SECTORS 15,16	264 13 12 17	120	-30.3	SURVEY G SECTOR 19
264 13 00 06	66	-10.5	SURVEY G SECTORS 15,16	264 13 12 20	114	-30.3	SURVEY G SECTOR 19
264 13 00 12	63	-5.6	SURVEY G SECTORS 15,16	264 13 12 25	108	-30.3	SURVEY G SECTORS 17,18
264 13 00 30	63	-5.6	SURVEY G SECTORS 15,16	264 13 12 30	102	-30.3	SURVEY G SECTORS 17,18
264 13 00 42	69	-5.6	SURVEY G SECTORS 15,16	264 13 12 33	99	-25.3	SURVEY G SECTORS 17,18
264 13 00 47	75	-5.6	SURVEY G SECTORS 17,18	264 13 12 38	105	-25.3	SURVEY G SECTORS 17,18
264 13 00 51	81	-5.6	SURVEY G SECTORS 17,18	264 13 12 43	111	-25.3	SURVEY G SECTOR 19
264 13 00 55	87	-5.6	SURVEY G SECTORS 17,18	264 13 12 48	117	-25.3	SURVEY G SECTOR 19
264 13 01 00	93	-5.6	SURVEY G SECTORS 17,18	264 13 12 52	123	-25.3	SURVEY G SECTOR 19
264 13 01 05	96	-0.7	SURVEY G SECTORS 17,18	264 13 12 58	126	-20.3	SURVEY G SECTOR 19
264 13 01 09	90	-0.7	SURVEY G SECTORS 17,18	264 13 13 01	120	-20.3	SURVEY G SECTOR 19
264 13 01 14	84	-0.7	SURVEY G SECTORS 17,18	264 13 13 06	114	-20.3	SURVEY G SECTOR 19
264 13 01 18	78	-0.7	SURVEY G SECTORS 17,18	264 13 13 11	108	-20.3	SURVEY G SECTORS 17,18
264 13 01 23	72	-0.7	SURVEY G SECTORS 15,16	264 13 13 14	102	-20.3	SURVEY G SECTORS 17,18
264 13 01 27	66	-0.7	SURVEY G SECTORS 15,16	264 13 13 19	99	-15.3	SURVEY G SECTORS 17,18
264 13 01 32	63	4.3	SURVEY G SECTORS 15,16	264 13 13 24	105	-15.3	SURVEY G SECTORS 17,18
264 13 01 50	63	4.3	SURVEY G SECTORS 15,16	264 13 13 29	111	-15.3	SURVEY G SECTOR 19
264 13 02 04	69	4.3	SURVEY G SECTORS 15,16	264 13 13 33	117	-15.3	SURVEY G SECTOR 19
264 13 02 08	75	4.3	SURVEY G SECTORS 17,18	264 13 13 37	123	-15.3	SURVEY G SECTOR 19
264 13 02 13	81	4.3	SURVEY G SECTORS 17,18	264 13 13 46	126	-10.5	SURVEY G SECTOR 19
264 13 02 17	87	4.3	SURVEY G SECTORS 17,18	264 13 13 51	120	-10.5	SURVEY G SECTOR 19
264 13 02 21	93	4.3	SURVEY G SECTORS 17,18	264 13 13 54	114	-10.5	SURVEY G SECTOR 19
264 13 02 27	96	9.3	SURVEY G SECTORS 17,18	264 13 13 59	108	-10.5	SURVEY G SECTORS 17,18
264 13 02 31	90	9.3	SURVEY G SECTORS 17,18	264 13 18 54	102	-10.5	SURVEY G SECTORS 17,18
264 13 02 36	84	9.3	SURVEY G SECTORS 17,18	264 13 18 59	99	-5.6	SURVEY G SECTORS 17,18
264 13 02 40	78	9.3	SURVEY G SECTORS 17,18	264 13 19 04	105	-5.6	SURVEY G SECTORS 17,18
264 13 02 45	72	9.3	SURVEY G SECTORS 15,16	264 13 19 08	111	-5.6	SURVEY G SECTOR 19
264 13 02 49	66	9.3	SURVEY G SECTORS 15,16	264 13 19 12	117	-5.6	SURVEY G SECTOR 19
264 13 02 54	63	14.4	SURVEY G SECTORS 15,16	264 13 19 17	123	-5.6	SURVEY G SECTOR 19
264 13 03 17	63	14.4	SURVEY G SECTORS 15,16	264 13 19 23	126	-0.7	SURVEY G SECTOR 19
264 13 03 30	69	14.4	SURVEY G SECTORS 15,16	264 13 19 27	120	-0.7	SURVEY G SECTOR 19
264 13 03 35	75	14.4	SURVEY G SECTORS 17,18	264 13 19 32	114	-0.7	SURVEY G SECTOR 19
264 13 03 39	81	14.4	SURVEY G SECTORS 17,18	264 13 19 37	108	-0.7	SURVEY G SECTORS 17,18
264 13 03 43	87	14.4	SURVEY G SECTORS 17,18	264 13 19 41	102	-0.7	SURVEY G SECTORS 17,18
264 13 04 22	87	14.4	SURVEY G SECTORS 17,18	264 13 19 46	99	4.3	SURVEY G SECTORS 17,18
264 13 04 47	93	14.4	SURVEY G SECTORS 17,18	264 13 19 51	105	4.3	SURVEY G SECTORS 17,18
264 13 04 52	96	19.4	SURVEY G SECTORS 17,18	264 13 20 18	105	4.3	SURVEY G SECTORS 17,18
264 13 04 57	90	19.4	SURVEY G SECTORS 17,18	264 13 20 40	111	4.3	SURVEY G SECTOR 19
264 13 05 01	84	19.4	SURVEY G SECTORS 17,18	264 13 20 44	117	4.3	SURVEY G SECTOR 19
264 13 05 05	78	19.4	SURVEY G SECTORS 17,18	264 13 20 49	123	4.3	SURVEY G SECTOR 19
264 13 05 10	72	19.4	SURVEY G SECTORS 15,16	264 13 20 54	126	9.3	SURVEY G SECTOR 19
264 13 05 15	66	19.4	SURVEY G SECTORS 15,16	264 13 20 59	120	9.3	SURVEY G SECTOR 19
264 13 05 20	63	24.3	SURVEY G SECTORS 15,16	264 13 21 02	114	9.3	SURVEY G SECTOR 19
264 13 05 23	69	24.3	SURVEY G SECTORS 15,16	264 13 21 07	108	9.3	SURVEY G SECTORS 17,18
264 13 05 28	75	24.3	SURVEY G SECTORS 17,18	264 13 21 12	102	9.3	SURVEY G SECTORS 17,18
264 13 05 33	81	24.3	SURVEY G SECTORS 17,18	264 13 21 15	99	14.4	SURVEY G SECTORS 17,18
264 13 05 38	87	24.3	SURVEY G SECTORS 17,18	264 13 21 20	105	14.4	SURVEY G SECTORS 17,18
264 13 05 41	93	24.3	SURVEY G SECTORS 17,18	264 13 21 25	111	14.4	SURVEY G SECTOR 19
264 13 06 19	99	-65.1	SURVEY G SECTORS 17,18	264 13 21 30	117	14.4	SURVEY G SECTOR 19
264 13 06 32	99	-65.1	SURVEY G SECTORS 17,18	264 13 21 34	123	14.4	SURVEY G SECTOR 19
264 13 07 36	99	-65.1	SURVEY G SECTORS 17,18	264 13 22 30	63	-65.1	SURVEY G SECTOR 19
264 13 08 30	99	-65.1	SURVEY G SECTORS 17,18	264 13 22 57	0	-65.1	SURVEY G SECTOR 19
264 13 08 59	99	-65.1	SURVEY G SECTORS 17,18	264 13 23 28	-60	-60.1	SURVEY G SECTOR 19
264 13 09 04	105	-65.1	SURVEY G SECTORS 17,18	264 13 23 57	-60	-60.1	SHADOW PROGRESSION B
264 13 09 09	111	-65.1	SURVEY G SECTOR 19	264 13 25 31	-60	-60.1	SHADOW PROGRESSION B
264 13 09 12	117	-65.1	SURVEY G SECTOR 19	264 13 25 43	-60	-60.1	SHADOW PROGRESSION B
264 13 09 17	123	-65.1	SURVEY G SECTOR 19	264 13 27 47	-57	-60.1	SHADOW PROGRESSION B
264 13 09 22	126	-60.1	SURVEY G SECTOR 19	264 13 27 58	-57	-60.1	SHADOW PROGRESSION B
264 13 09 27	120	-60.1	SURVEY G SECTOR 19	264 17 45 53	-57	-60.1	SHADOW PROGRESSION C
264 13 09 30	114	-60.1	SURVEY G SECTOR 19	264 17 48 16	-60	-60.1	SHADOW PROGRESSION C
264 13 09 35	108	-60.1	SURVEY G SECTORS 17,18	264 17 48 23	-60	-60.1	SHADOW PROGRESSION C
264 13 09 40	102	-60.1	SURVEY G SECTORS 17,18	264 17 49 28	-60	-60.1	SHADOW PROGRESSION C
264 13 09 44	99	-55.2	SURVEY G SECTORS 17,18	264 17 52 28	-36	-35.3	SHADOW PROGRESSION C
264 13 09 48	105	-55.2	SURVEY G SECTORS 17,18	264 17 53 38	-54	-35.3	SHADOW PROGRESSION C
264 13 09 53	111	-55.2	SURVEY G SECTOR 19	264 17 54 23	-72	-35.3	SHADOW PROGRESSION C
264 13 09 58	117	-55.2	SURVEY G SECTOR 19	264 17 55 10	-72	-20.3	SHADOW PROGRESSION C
264 13 10 02	123	-55.2	SURVEY G SECTOR 19	264 17 55 46	-54	-20.3	SHADOW PROGRESSION C
264 13 10 06	126	-50.2	SURVEY G SECTOR 19	264 17 57 20	-36	-20.3	SHADOW PROGRESSION C
264 13 10 11	120	-50.2	SURVEY G SECTOR 19	264 17 58 08	-54	-5.6	SHADOW PROGRESSION C
264 13 10 16	114	-50.2	SURVEY G SECTOR 19	264 17 59 29	-72	-5.6	SHADOW PROGRESSION C
264 13 10 20	108	-50.2	SURVEY G SECTORS 17,18	264 18 01 16	-54	-25.3	SHADOW PROGRESSION C
264 13 10 25	102	-50.2	SURVEY G SECTORS 17,18	264 18 01 24	-54	-25.3	SHADOW PROGRESSION C
264 13 10 29	99	-45.3	SURVEY G SECTORS 17,18	264 18 02 25	-48	-25.3	SHADOW PROGRESSION C
264 13 10 34	105	-45.3	SURVEY G SECTORS 17,18	264 18 02 31	-48	-25.3	SHADOW PROGRESSION C
264 13 10 38	111	-45.3	SURVEY G SECTOR 19	264 18 03 24	-42	-25.3	SHADOW PROGRESSION C
264 13 10 43	117	-45.3	SURVEY G SECTOR 19	264 18 03 30	-42	-25.3	SHADOW PROGRESSION C
264 13 10 47	123	-45.3	SURVEY G SECTOR 19	264 18 04 27	-39	-30.3	SHADOW PROGRESSION C
264 13 10 51	126	-40.3	SURVEY G SECTOR 19	264 18 04 33	-39	-30.3	SHADOW PROGRESSION C
264 13 10 56	120	-40.3	SURVEY G SECTOR 19	264 18 05 19	-45	-30.3	SHADOW PROGRESSION C
264 13 11 01	114	-40.3	SURVEY G SECTOR 19	264 18 05 25	-45	-30.3	SHADOW PROGRESSION C
264 13 11 05	108	-40.3	SURVEY G SECTORS 17,18	264 18 06 25	-51	-30.3	SHADOW PROGRESSION C
264 13 11 09	102	-40.3	SURVEY G SECTORS 17,18	264 18 06 31	-51	-30.3	SHADOW PROGRESSION C
264 13 11 36	102	-40.3	SURVEY G SECTORS 17,18	264 18 07 41	-48	-35.3	SHADOW PROGRESSION C

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
264 18 07 47	-48	-35.3	SHADOW PROGRESSION C	265 04 52 33	72	-35.3	SURVEY W-V
264 18 08 38	-42	-35.3	SHADOW PROGRESSION C	265 04 52 36	72	-20.3	SURVEY W-V
264 18 08 44	-42	-35.3	SHADOW PROGRESSION C	265 04 52 41	72	-5.6	SURVEY W-V
264 18 09 30	-36	-35.3	SHADOW PROGRESSION C	265 04 52 46	72	9.3	SURVEY W-V
264 18 09 36	-36	-35.3	SHADOW PROGRESSION C	265 04 52 51	72	24.3	SURVEY W-V
264 18 11 25	-57	-60.1	SHADOW PROGRESSION C	265 04 52 56	90	24.3	SURVEY W-V
265 02 10 21	-57	-60.1	SHADOW PROGRESSION D	265 04 53 00	90	9.3	SURVEY W-V
265 02 11 45	-60	-60.1	SHADOW PROGRESSION D	265 04 53 05	90	-5.6	SURVEY W-V
265 02 11 50	-60	-60.1	SHADOW PROGRESSION D	265 04 53 09	90	-20.3	SURVEY W-V
265 02 14 09	-36	-40.3	SHADOW PROGRESSION D	265 04 53 14	90	-35.3	SURVEY W-V
265 02 14 53	-54	-40.3	SHADOW PROGRESSION D	265 04 53 18	90	-50.2	SURVEY W-V
265 02 15 28	-72	-35.3	SHADOW PROGRESSION D	265 04 53 26	108	-50.2	SURVEY W-V
265 02 16 03	-72	-25.3	SHADOW PROGRESSION D	265 04 53 30	108	-35.3	SURVEY W-V
265 02 16 37	-54	-20.3	SHADOW PROGRESSION D	265 04 53 35	108	-20.3	SURVEY W-V
265 02 17 18	-36	-20.3	SHADOW PROGRESSION D	265 04 53 39	108	-5.6	SURVEY W-V
265 02 18 08	-54	-10.5	SHADOW PROGRESSION D	265 04 54 33	126	-20.3	SURVEY W-V
265 02 18 49	-72	-5.6	SHADOW PROGRESSION D	265 04 54 50	126	-35.3	SURVEY W-V
265 02 20 46	-54	-25.3	SHADOW PROGRESSION D	265 04 55 48	126	-40.3	SURVEY W-V
265 02 20 51	-54	-25.3	SHADOW PROGRESSION D	265 04 56 14	126	-45.3	SURVEY W-V
265 02 21 50	-48	-25.3	SHADOW PROGRESSION D	265 04 56 56	126	-50.2	SURVEY W-V
265 02 21 54	-48	-25.3	SHADOW PROGRESSION D	265 04 57 02	126	-65.1	SURVEY W-V
265 02 22 35	-42	-25.3	SHADOW PROGRESSION D	265 04 57 07	108	-65.1	SURVEY W-V
265 02 22 40	-42	-25.3	SHADOW PROGRESSION D	265 04 57 13	90	-65.1	SURVEY W-V
265 02 23 34	-39	-35.3	SHADOW PROGRESSION D	265 04 57 19	72	-65.1	SURVEY W-V
265 02 23 39	-39	-35.3	SHADOW PROGRESSION D	265 04 57 24	54	-65.1	SURVEY W-V
265 02 24 24	-45	-30.3	SHADOW PROGRESSION D	265 04 57 30	36	-65.1	SURVEY W-V
265 02 24 30	-45	-35.3	SHADOW PROGRESSION D	265 04 57 57	36	-65.1	SURVEY W-V
265 02 25 13	-51	-30.3	SHADOW PROGRESSION D	265 04 58 41	18	-65.1	SURVEY W-V
265 02 25 19	-51	-35.3	SHADOW PROGRESSION D	265 04 58 47	0	-65.1	SURVEY W-V
265 02 26 07	-48	-35.3	SHADOW PROGRESSION D	265 04 58 53	-18	-65.1	SURVEY W-V
265 02 26 12	-48	-35.3	SHADOW PROGRESSION D	265 04 58 58	-36	-65.1	SURVEY W-V
265 02 26 51	-42	-35.3	SHADOW PROGRESSION D	265 04 59 04	-54	-65.1	SURVEY W-V
265 02 26 57	-42	-35.3	SHADOW PROGRESSION D	265 04 59 16	-90	-50.2	SURVEY W-V
265 02 27 39	-36	-35.3	SHADOW PROGRESSION D	265 04 59 20	-90	-35.3	SURVEY W-V
265 02 27 45	-36	-35.3	SHADOW PROGRESSION D	265 04 59 25	-90	-20.3	SURVEY W-V
265 02 29 40	-57	-60.1	MAGNETS L	265 04 59 29	-90	-5.6	SURVEY W-V
265 04 39 35	-57	-60.1	MAGNETS L	265 04 59 34	-108	-5.6	SURVEY W-V
265 04 40 29	-57	-60.1	MAGNETS L	265 04 59 39	-108	-20.3	SURVEY W-V
265 04 42 50	-54	-65.1	SURVEY W-V	265 04 59 44	-108	-35.3	SURVEY W-V
265 04 44 24	-54	-65.1	SURVEY W-V	265 04 59 49	-108	-50.2	SURVEY W-V
265 04 45 31	-72	-65.1	SURVEY W-V	265 04 59 54	-108	-50.2	SURVEY W-V
265 04 45 37	-72	-50.2	SURVEY W-V	265 05 01 41	-90	-50.2	SURVEY W-V
265 04 45 42	-72	-35.3	SURVEY W-V	265 05 02 10	-90	-35.3	SURVEY W-V
265 04 45 47	-72	-20.3	SURVEY W-V	265 05 02 14	-90	-20.3	SURVEY W-V
265 04 45 50	-72	-5.6	SURVEY W-V	265 05 02 19	-90	-5.6	SURVEY W-V
265 04 45 55	-72	9.3	SURVEY W-V	265 05 02 24	-108	-5.6	SURVEY W-V
265 04 46 01	-54	9.3	SURVEY W-V	265 05 02 29	-108	-20.3	SURVEY W-V
265 04 46 05	-54	-5.6	SURVEY W-V	265 05 02 34	-108	-35.3	SURVEY W-V
265 04 46 10	-54	-20.3	SURVEY W-V	265 05 02 37	-108	-50.2	SURVEY W-V
265 04 46 15	-54	-35.3	SURVEY W-V	265 05 02 43	-126	-50.2	SURVEY W-V
265 04 46 19	-54	-50.2	SURVEY W-V	265 05 02 48	-126	-35.3	SURVEY W-V
265 04 46 24	-36	-50.2	SURVEY W-V	265 05 02 52	-126	-20.3	SURVEY W-V
265 04 46 29	-36	-35.3	SURVEY W-V	265 05 02 57	-126	-5.6	SURVEY W-V
265 04 46 34	-36	-20.3	SURVEY W-V	265 05 03 03	-144	-5.6	SURVEY W-V
265 04 46 37	-36	-5.6	SURVEY W-V	265 05 03 06	-144	-20.3	SURVEY W-V
265 04 46 42	-36	9.3	SURVEY W-V	265 05 03 33	-144	-20.3	SURVEY W-V
265 04 46 48	-18	9.3	SURVEY W-V	265 05 03 56	-144	-35.3	SURVEY W-V
265 04 46 52	-18	-5.6	SURVEY W-V	265 05 03 59	-144	-50.2	SURVEY W-V
265 04 46 57	-18	-20.3	SURVEY W-V	265 05 04 05	-162	-50.2	SURVEY W-V
265 04 47 02	-18	-35.3	SURVEY W-V	265 05 04 10	-162	-35.3	SURVEY W-V
265 04 47 36	-18	-35.3	SURVEY W-V	265 05 04 14	-162	-20.3	SURVEY W-V
265 04 48 09	-18	-50.2	SURVEY W-V	265 05 04 19	-162	-5.6	SURVEY W-V
265 04 48 16	0	-50.2	SURVEY W-V	265 05 04 25	-180	-5.6	SURVEY W-V
265 04 48 20	0	-35.3	SURVEY W-V	265 05 04 28	-180	-20.3	SURVEY W-V
265 04 48 25	0	-20.3	SURVEY W-V	265 05 04 33	-180	-35.3	SURVEY W-V
265 04 48 29	0	-5.6	SURVEY W-V	265 05 04 38	-180	-50.2	SURVEY W-V
265 04 48 34	0	9.3	SURVEY W-V	265 05 04 45	-198	-50.2	SURVEY W-V
265 04 48 38	0	24.3	SURVEY W-V	265 05 04 50	-198	-35.3	SURVEY W-V
265 04 49 28	-18	24.3	SURVEY W-V	265 05 04 55	-198	-20.3	SURVEY W-V
265 04 50 09	18	24.3	SURVEY W-V	265 05 04 58	-198	-5.6	SURVEY W-V
265 04 50 14	18	9.3	SURVEY W-V	265 05 05 48	-216	-20.3	SURVEY W-V
265 04 50 19	18	-5.6	SURVEY W-V	265 05 06 17	-216	-35.3	SURVEY W-V
265 04 50 24	18	-20.3	SURVEY W-V	265 05 06 21	-216	-50.2	SURVEY W-V
265 04 50 27	18	-35.3	SURVEY W-V	265 05 06 28	-216	-65.1	SURVEY W-V
265 04 50 32	18	-50.2	SURVEY W-V	265 05 06 34	-198	-65.1	SURVEY W-V
265 04 50 38	36	-50.2	SURVEY W-V	265 05 06 38	-180	-65.1	SURVEY W-V
265 04 50 42	36	-35.3	SURVEY W-V	265 05 06 44	-162	-65.1	SURVEY W-V
265 04 50 47	36	-20.3	SURVEY W-V	265 05 06 49	-144	-65.1	SURVEY W-V
265 04 50 51	36	-5.6	SURVEY W-V	265 05 07 17	-144	-65.1	SURVEY W-V
265 04 50 56	36	9.3	SURVEY W-V	265 05 07 41	-126	-65.1	SURVEY W-V
265 04 51 00	36	24.3	SURVEY W-V	265 05 07 47	-108	-65.1	SURVEY W-V
265 04 51 31	36	24.3	SURVEY W-V	265 05 07 52	-90	-65.1	SURVEY W-V
265 04 52 00	54	24.3	SURVEY W-V	265 05 08 00	-54	-65.1	SURVEY W-V
265 04 52 04	54	9.3	SURVEY W-V	265 05 10 02	126	-70.1	W/A AT EL-70 A
265 04 52 09	54	-5.6	SURVEY W-V	265 05 11 10	108	-70.1	W/A AT EL-70 A
265 04 52 13	54	-20.3	SURVEY W-V	265 05 11 29	90	-70.1	W/A AT EL-70 A
265 04 52 18	54	-35.3	SURVEY W-V	265 05 11 47	72	-70.1	W/A AT EL-70 A
265 04 52 22	54	-50.2	SURVEY W-V	265 05 12 28	-54	-70.1	W/A AT EL-70 A
265 04 52 28	72	-50.2	SURVEY W-V	265 05 12 50	-72	-70.1	W/A AT EL-70 A

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
265 05 13 22	-90	-70.1	W/A AT EL-70 A	265 05 43 55	75	-15.3	SPECIAL K
265 05 13 41	-108	-70.1	W/A AT EL-70 A	265 05 43 58	69	-15.3	SPECIAL K
265 05 14 01	-126	-70.1	W/A AT EL-70 A	265 05 44 03	69	-20.3	SPECIAL K
265 05 14 39	-144	-70.1	W/A AT EL-70 A	265 05 44 08	72	-20.3	SPECIAL K
265 05 15 14	-180	-70.1	W/A AT EL-70 A	265 05 44 11	78	-20.3	SPECIAL K
265 05 15 31	-198	-70.1	W/A AT EL-70 A	265 05 44 16	81	-20.3	SPECIAL K
265 05 15 49	-216	-70.1	W/A AT EL-70 A	265 05 44 21	84	-20.3	SPECIAL K
265 05 17 51	-78	-70.1	W/A AT EL-70 A	265 05 44 26	81	-25.3	SPECIAL K
265 05 18 44	-72	-70.1	W/A AT EL-70 A	265 05 44 31	78	-25.3	SPECIAL K
265 05 18 49	-66	-70.1	W/A AT EL-70 A	265 05 44 36	75	-25.3	SPECIAL K
265 05 18 54	-60	-70.1	W/A AT EL-70 A	265 05 44 39	69	-25.3	SPECIAL K
265 05 18 59	-54	-70.1	W/A AT EL-70 A	265 05 44 44	69	-25.3	SPECIAL K
265 05 19 02	-48	-70.1	W/A AT EL-70 A	265 05 45 06	69	-25.3	SPECIAL K
265 05 19 07	-42	-70.1	W/A AT EL-70 A	265 05 45 33	75	-25.3	SPECIAL K
265 05 19 13	-39	-65.1	SPECIAL K	265 05 46 01	81	-25.3	SPECIAL K
265 05 19 17	-45	-65.1	SPECIAL K	265 05 46 07	78	-20.3	SPECIAL K
265 05 19 21	-51	-65.1	SPECIAL K	265 05 46 46	51	-5.6	SPECIAL K
265 05 19 26	-57	-65.1	SPECIAL K	265 05 48 36	-216	-15.3	SPECIAL K
265 05 19 31	-63	-65.1	SPECIAL K	265 05 48 58	-219	-15.3	SPECIAL K
265 05 19 35	-69	-65.1	SPECIAL K	265 05 49 03	-219	-20.3	SPECIAL K
265 05 19 39	-75	-65.1	SPECIAL K	265 05 49 08	-216	-20.3	SPECIAL K
265 05 19 44	-78	-65.1	SPECIAL K	265 05 49 13	-216	-25.3	SPECIAL K
265 05 19 49	-78	-60.1	SPECIAL K	265 05 49 18	-219	-25.3	SPECIAL K
265 05 19 53	-72	-60.1	SPECIAL K	265 05 50 02	-210	-45.3	SPECIAL K
265 05 19 58	-69	-60.1	SPECIAL K	265 05 50 33	-213	-45.3	SPECIAL K
265 05 20 02	-66	-60.1	SPECIAL K	265 05 50 37	-216	-45.3	SPECIAL K
265 05 20 07	-60	-60.1	SPECIAL K	265 05 50 41	-216	-50.2	SPECIAL K
265 05 20 12	-54	-60.1	SPECIAL K	265 05 50 46	-213	-50.2	SPECIAL K
265 05 20 17	-48	-60.1	SPECIAL K	265 05 50 51	-210	-50.2	SPECIAL K
265 05 20 22	-42	-60.1	SPECIAL K	265 05 50 55	-207	-50.2	SPECIAL K
265 05 20 25	-45	-55.2	SPECIAL K	265 05 50 59	-204	-50.2	SPECIAL K
265 05 20 30	-51	-55.2	SPECIAL K	265 05 51 04	-201	-50.2	SPECIAL K
265 05 20 35	-54	-55.2	SPECIAL K	265 05 51 09	-201	-55.2	SPECIAL K
265 05 20 39	-57	-55.2	SPECIAL K	265 05 51 12	-204	-55.2	SPECIAL K
265 05 20 43	-60	-55.2	SPECIAL K	265 05 51 17	-207	-55.2	SPECIAL K
265 05 20 48	-63	-55.2	SPECIAL K	265 05 51 22	-210	-55.2	SPECIAL K
265 05 20 53	-66	-55.2	SPECIAL K	265 05 51 27	-213	-55.2	SPECIAL K
265 05 20 57	-69	-55.2	SPECIAL K	265 05 51 30	-216	-55.2	SPECIAL K
265 05 21 01	-72	-55.2	SPECIAL K	265 05 52 26	-219	-55.2	SPECIAL K
265 05 21 06	-75	-55.2	SPECIAL K	265 05 52 51	-219	-45.3	SPECIAL K
265 05 21 11	-72	-50.2	SPECIAL K	265 05 53 09	-198	-5.6	SPECIAL K
265 05 21 15	-66	-50.2	SPECIAL K	265 05 53 30	-216	-40.3	SPECIAL K
265 05 21 20	-60	-50.2	SPECIAL K	265 05 53 42	-213	-40.3	SPECIAL K
265 05 21 24	-54	-50.2	SPECIAL K	265 05 54 31	-216	-55.2	SPECIAL K
265 05 21 29	-48	-50.2	SPECIAL K	265 05 55 13	-216	-55.2	SPECIAL K
265 05 25 10	-48	-50.2	SPECIAL K	265 05 55 47	-216	-30.3	SPECIAL K
265 05 27 38	39	-55.2	SPECIAL K	265 05 56 20	-216	-35.3	SPECIAL K
265 05 28 46	39	-55.2	SPECIAL K	265 05 58 07	-216	-55.2	SPECIAL K
265 05 30 18	39	-55.2	SPECIAL K	265 05 59 02	-174	-50.2	SPECIAL K
265 05 30 44	39	-55.2	SPECIAL K	265 05 59 34	-174	-50.2	SPECIAL K
265 05 30 57	45	-55.2	SPECIAL K	265 06 00 35	-168	-50.2	SPECIAL K
265 05 31 16	42	-50.2	SPECIAL K	265 06 00 41	-174	-45.3	SPECIAL K
265 05 31 33	36	-50.2	SPECIAL K	265 06 00 45	-168	-45.3	SPECIAL K
265 05 32 44	36	-50.2	SPECIAL K	265 06 00 50	-162	-45.3	SPECIAL K
265 05 33 30	36	-50.2	SPECIAL K	265 06 00 55	-156	-45.3	SPECIAL K
265 05 34 16	33	-55.2	SPECIAL K	265 06 00 59	-150	-45.3	SPECIAL K
265 05 34 40	33	-45.3	SPECIAL K	265 06 01 04	-156	-45.3	SPECIAL K
265 05 34 56	39	-45.3	SPECIAL K	265 06 01 08	-159	-40.3	SPECIAL K
265 05 35 20	39	-55.2	SPECIAL K	265 06 01 13	-165	-40.3	SPECIAL K
265 05 36 57	81	-45.3	SPECIAL K	265 06 01 17	-171	-40.3	SPECIAL K
265 05 37 32	84	-45.3	SPECIAL K	265 06 01 22	-177	-40.3	SPECIAL K
265 05 37 36	87	-45.3	SPECIAL K	265 06 01 28	-180	-35.3	SPECIAL K
265 05 37 41	90	-45.3	SPECIAL K	265 06 01 32	-174	-35.3	SPECIAL K
265 05 37 46	93	-45.3	SPECIAL K	265 06 01 37	-168	-35.3	SPECIAL K
265 05 37 50	96	-45.3	SPECIAL K	265 06 04 25	-195	-40.3	MIRROR K
265 05 37 54	99	-45.3	SPECIAL K	265 06 04 58	-201	-40.3	MIRROR K
265 05 37 59	99	-50.2	SPECIAL K	265 06 05 03	-207	-40.3	MIRROR K
265 05 38 04	96	-50.2	SPECIAL K	265 06 05 08	-210	-40.3	MIRROR K
265 05 38 09	93	-50.2	SPECIAL K	265 06 05 34	-213	-40.3	MIRROR K
265 05 38 12	90	-50.2	SPECIAL K	265 06 05 39	-213	-35.3	MIRROR K
265 05 38 17	87	-50.2	SPECIAL K	265 06 05 44	-210	-35.3	MIRROR K
265 05 38 22	84	-50.2	SPECIAL K	265 06 05 47	-207	-35.3	MIRROR K
265 05 38 25	81	-50.2	SPECIAL K	265 06 05 52	-204	-35.3	MIRROR K
265 05 38 30	78	-50.2	SPECIAL K	265 06 05 57	-201	-35.3	MIRROR K
265 05 38 35	75	-50.2	SPECIAL K	265 06 06 02	-198	-40.3	MIRROR K
265 05 38 42	57	-55.2	SPECIAL K	265 06 06 38	-201	-40.3	MIRROR K
265 05 38 47	93	-55.2	SPECIAL K	265 06 06 48	-204	-40.3	MIRROR K
265 05 38 52	96	-55.2	SPECIAL K	265 06 06 56	-207	-40.3	MIRROR K
265 05 38 56	99	-55.2	SPECIAL K	265 06 07 05	-210	-40.3	MIRROR K
265 05 40 15	126	-25.3	SPECIAL K	265 06 07 13	-210	-45.3	MIRROR K
265 05 40 45	129	-25.3	SPECIAL K	265 06 07 18	-207	-45.3	MIRROR K
265 05 40 51	129	-20.3	SPECIAL K	265 06 07 23	-204	-45.3	MIRROR K
265 05 40 55	126	-20.3	SPECIAL K	265 06 07 26	-201	-45.3	MIRROR K
265 05 41 01	126	-15.3	SPECIAL K	265 06 07 31	-198	-45.3	MIRROR K
265 05 41 06	129	-15.3	SPECIAL K	265 06 07 36	-195	-45.3	MIRROR K
265 05 41 54	123	-15.3	SPECIAL K	265 06 10 51	-213	-70.1	SURVEY H SECTORS 1,2
265 05 42 43	87	-15.3	SPECIAL K	265 06 13 03	-213	-70.1	SURVEY H SECTORS 1,2
265 05 43 21	87	-15.3	SPECIAL K	265 06 13 08	-207	-70.1	SURVEY H SECTORS 1,2
265 05 43 50	81	-15.3	SPECIAL K	265 06 13 13	-201	-70.1	SURVEY H SECTORS 1,2

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
265 06 13 17	-195	-70.1	SURVEY H SECTORS 1,2	265 06 27 09	-150	-30.3	SURVEY H SECTORS 3,4
265 06 13 21	-189	-70.1	SURVEY H SECTORS 1,2	265 06 27 13	156	-30.3	SURVEY H SECTORS 3,4
265 06 13 26	-183	-70.1	SURVEY H SECTORS 1,2	265 06 27 18	-162	-30.3	SURVEY H SECTORS 3,4
265 06 13 31	-180	-65.1	SURVEY H SECTORS 1,2	265 06 27 22	-168	-30.3	SURVEY H SECTORS 3,4
265 06 13 34	-186	-65.1	SURVEY H SECTORS 1,2	265 06 27 27	-174	-30.3	SURVEY H SECTORS 3,4
265 06 13 39	-192	-65.1	SURVEY H SECTORS 1,2	265 07 01 59	63	-65.1	SURVEY H SECTOR 16
265 06 13 44	-198	-65.1	SURVEY H SECTORS 1,2	265 07 05 24	63	-65.1	SURVEY H SECTOR 16
265 06 13 49	-204	-65.1	SURVEY H SECTORS 1,2	265 07 05 27	69	-65.1	SURVEY H SECTOR 16
265 06 13 52	-210	-65.1	SURVEY H SECTORS 1,2	265 07 05 32	75	-65.1	SURVEY H SECTORS 17,18
265 06 13 57	-213	-60.1	SURVEY H SECTORS 1,2	265 07 05 37	81	-65.1	SURVEY H SECTORS 17,18
265 06 14 02	-207	-60.1	SURVEY H SECTORS 1,2	265 07 05 42	87	-65.1	SURVEY H SECTORS 17,18
265 06 14 07	-201	-60.1	SURVEY H SECTORS 1,2	265 07 05 46	93	-65.1	SURVEY H SECTORS 17,18
265 06 14 10	-195	-60.1	SURVEY H SECTORS 1,2	265 07 05 50	96	-60.1	SURVEY H SECTORS 17,18
265 06 14 15	-189	-60.1	SURVEY H SECTORS 1,2	265 07 05 55	90	-60.1	SURVEY H SECTORS 17,18
265 06 14 20	-183	-60.1	SURVEY H SECTORS 1,2	265 07 06 00	84	-60.1	SURVEY H SECTORS 17,18
265 06 14 24	-180	-55.2	SURVEY H SECTORS 1,2	265 07 06 04	78	-60.1	SURVEY H SECTORS 17,18
265 06 14 29	-186	-55.2	SURVEY H SECTORS 1,2	265 07 06 08	72	-60.1	SURVEY H SECTOR 16
265 06 14 33	-192	-55.2	SURVEY H SECTORS 1,2	265 07 06 13	66	-60.1	SURVEY H SECTOR 16
265 06 14 38	-198	-55.2	SURVEY H SECTORS 1,2	265 07 06 17	63	-55.2	SURVEY H SECTOR 16
265 06 14 42	-204	-55.2	SURVEY H SECTORS 1,2	265 07 06 22	69	-55.2	SURVEY H SECTOR 16
265 06 14 47	-210	-55.2	SURVEY H SECTORS 1,2	265 07 06 27	75	-55.2	SURVEY H SECTORS 17,18
265 06 14 51	-213	-50.2	SURVEY H SECTORS 1,2	265 07 06 31	81	-55.2	SURVEY H SECTORS 17,18
265 06 14 56	-207	-50.2	SURVEY H SECTORS 1,2	265 07 06 35	87	-55.2	SURVEY H SECTORS 17,18
265 06 15 00	-201	-50.2	SURVEY H SECTORS 1,2	265 07 06 40	93	-55.2	SURVEY H SECTORS 17,18
265 06 15 05	-195	-50.2	SURVEY H SECTORS 1,2	265 07 06 45	96	-50.2	SURVEY H SECTORS 17,18
265 06 15 10	-189	-50.2	SURVEY H SECTORS 1,2	265 07 06 49	90	-50.2	SURVEY H SECTORS 17,18
265 06 15 14	-183	-50.2	SURVEY H SECTORS 1,2	265 07 06 53	84	-50.2	SURVEY H SECTORS 17,18
265 06 15 22	-180	-45.3	SURVEY H SECTORS 1,2	265 07 06 58	78	-50.2	SURVEY H SECTORS 17,18
265 06 15 26	-186	-45.3	SURVEY H SECTORS 1,2	265 07 07 03	72	-50.2	SURVEY H SECTOR 16
265 06 15 31	-192	-45.3	SURVEY H SECTORS 1,2	265 07 07 08	66	-50.2	SURVEY H SECTOR 16
265 06 15 35	-198	-45.3	SURVEY H SECTORS 1,2	265 07 07 11	63	-45.3	SURVEY H SECTOR 16
265 06 15 40	-204	-45.3	SURVEY H SECTORS 1,2	265 07 07 16	69	-45.3	SURVEY H SECTOR 16
265 06 15 45	-210	-45.3	SURVEY H SECTORS 1,2	265 07 07 21	75	-45.3	SURVEY H SECTORS 17,18
265 06 15 49	-213	-40.3	SURVEY H SECTORS 1,2	265 07 07 24	81	-45.3	SURVEY H SECTORS 17,18
265 06 15 53	-207	-40.3	SURVEY H SECTORS 1,2	265 07 07 29	87	-45.3	SURVEY H SECTORS 17,18
265 06 15 58	-201	-40.3	SURVEY H SECTORS 1,2	265 07 07 34	93	-45.3	SURVEY H SECTORS 17,18
265 06 16 03	-195	-40.3	SURVEY H SECTORS 1,2	265 07 07 39	96	-40.3	SURVEY H SECTORS 17,18
265 06 16 06	-189	-40.3	SURVEY H SECTORS 1,2	265 07 07 42	90	-40.3	SURVEY H SECTORS 17,18
265 06 16 11	-183	-40.3	SURVEY H SECTORS 1,2	265 07 07 47	84	-40.3	SURVEY H SECTORS 17,18
265 06 16 16	-180	-35.3	SURVEY H SECTORS 1,2	265 07 07 52	78	-40.3	SURVEY H SECTORS 17,18
265 06 16 21	-186	-35.3	SURVEY H SECTORS 1,2	265 07 07 57	72	-40.3	SURVEY H SECTOR 16
265 06 16 24	-192	-35.3	SURVEY H SECTORS 1,2	265 07 08 00	66	-40.3	SURVEY H SECTOR 16
265 06 16 29	-198	-35.3	SURVEY H SECTORS 1,2	265 07 08 08	63	-35.3	SURVEY H SECTOR 16
265 06 16 34	-204	-35.3	SURVEY H SECTORS 1,2	265 07 08 13	69	-35.3	SURVEY H SECTOR 16
265 06 16 39	-210	-35.3	SURVEY H SECTORS 1,2	265 07 08 17	75	-35.3	SURVEY H SECTORS 17,18
265 06 18 19	-177	-70.1	SURVEY H SECTORS 3,4	265 07 08 21	81	-35.3	SURVEY H SECTORS 17,18
265 06 23 51	-177	-65.1	SURVEY H SECTORS 3,4	265 07 08 26	87	-35.3	SURVEY H SECTORS 17,18
265 06 23 56	-171	-65.1	SURVEY H SECTORS 3,4	265 07 08 31	93	-35.3	SURVEY H SECTORS 17,18
265 06 23 59	-165	-65.1	SURVEY H SECTORS 3,4	265 07 08 35	96	-30.3	SURVEY H SECTORS 17,18
265 06 24 04	-159	-65.1	SURVEY H SECTORS 3,4	265 07 08 39	90	-30.3	SURVEY H SECTORS 17,18
265 06 24 09	-153	-65.1	SURVEY H SECTORS 3,4	265 07 08 44	84	-30.3	SURVEY H SECTORS 17,18
265 06 24 14	-147	-65.1	SURVEY H SECTORS 3,4	265 07 08 49	78	-30.3	SURVEY H SECTORS 17,18
265 06 24 17	-144	-60.1	SURVEY H SECTORS 3,4	265 07 08 54	72	-30.3	SURVEY H SECTOR 16
265 06 24 22	-150	-60.1	SURVEY H SECTORS 3,4	265 07 08 57	66	-30.3	SURVEY H SECTOR 16
265 06 24 27	-156	-60.1	SURVEY H SECTORS 3,4	265 07 10 25	99	-60.1	SURVEY H SECTORS 17,18
265 06 24 32	-162	-60.1	SURVEY H SECTORS 3,4	265 07 11 40	99	-65.1	SURVEY H SECTORS 17,18
265 06 24 35	-168	-60.1	SURVEY H SECTORS 3,4	265 07 11 45	105	-65.1	SURVEY H SECTORS 17,18
265 06 24 40	-174	-60.1	SURVEY H SECTORS 3,4	265 07 11 48	111	-65.1	SURVEY H SECTOR 19
265 06 24 45	-177	-55.2	SURVEY H SECTORS 3,4	265 07 11 53	117	-65.1	SURVEY H SECTOR 19
265 06 24 49	-171	-55.2	SURVEY H SECTORS 3,4	265 07 11 58	123	-65.1	SURVEY H SECTOR 19
265 06 24 53	-165	-55.2	SURVEY H SECTORS 3,4	265 07 12 03	126	-60.1	SURVEY H SECTOR 19
265 06 24 58	-159	-55.2	SURVEY H SECTORS 3,4	265 07 12 06	120	-60.1	SURVEY H SECTOR 19
265 06 25 03	-153	-55.2	SURVEY H SECTORS 3,4	265 07 12 11	114	-60.1	SURVEY H SECTOR 19
265 06 25 07	-147	-55.2	SURVEY H SECTORS 3,4	265 07 12 16	108	-60.1	SURVEY H SECTORS 17,18
265 06 25 12	-144	-50.2	SURVEY H SECTORS 3,4	265 07 12 21	102	-60.1	SURVEY H SECTORS 17,18
265 06 25 16	-150	-50.2	SURVEY H SECTORS 3,4	265 07 12 25	99	-55.2	SURVEY H SECTORS 17,18
265 06 25 21	-156	-50.2	SURVEY H SECTORS 3,4	265 07 12 29	105	-55.2	SURVEY H SECTORS 17,18
265 06 25 25	-162	-50.2	SURVEY H SECTORS 3,4	265 07 12 34	111	-55.2	SURVEY H SECTOR 19
265 06 25 30	-168	-50.2	SURVEY H SECTORS 3,4	265 07 12 39	117	-55.2	SURVEY H SECTOR 19
265 06 25 34	-174	-50.2	SURVEY H SECTORS 3,4	265 07 12 43	123	-55.2	SURVEY H SECTOR 19
265 06 25 39	-177	-45.3	SURVEY H SECTORS 3,4	265 07 12 47	126	-50.2	SURVEY H SECTOR 19
265 06 25 43	-171	-45.3	SURVEY H SECTORS 3,4	265 07 12 52	120	-50.2	SURVEY H SECTOR 19
265 06 25 48	-165	-45.3	SURVEY H SECTORS 3,4	265 07 12 56	114	-50.2	SURVEY H SECTOR 19
265 06 25 53	-159	-45.3	SURVEY H SECTORS 3,4	265 07 13 01	108	-50.2	SURVEY H SECTORS 17,18
265 06 25 56	-153	-45.3	SURVEY H SECTORS 3,4	265 07 13 06	102	-50.2	SURVEY H SECTORS 17,18
265 06 26 01	-147	-45.3	SURVEY H SECTORS 3,4	265 07 13 10	99	-45.3	SURVEY H SECTORS 17,18
265 06 26 11	-144	-40.3	SURVEY H SECTORS 3,4	265 07 13 14	105	-45.3	SURVEY H SECTORS 17,18
265 06 26 14	-150	-40.3	SURVEY H SECTORS 3,4	265 07 13 19	111	-45.3	SURVEY H SECTOR 19
265 06 26 19	-156	-40.3	SURVEY H SECTORS 3,4	265 07 13 24	117	-45.3	SURVEY H SECTOR 19
265 06 26 24	-162	-40.3	SURVEY H SECTORS 3,4	265 07 13 28	123	-45.3	SURVEY H SECTOR 19
265 06 26 29	-168	-40.3	SURVEY H SECTORS 3,4	265 07 13 32	126	-40.3	SURVEY H SECTOR 19
265 06 26 32	-174	-40.3	SURVEY H SECTORS 3,4	265 07 13 37	120	-40.3	SURVEY H SECTOR 19
265 06 26 37	-177	-35.3	SURVEY H SECTORS 3,4	265 07 13 42	114	-40.3	SURVEY H SECTOR 19
265 06 26 42	-171	-35.3	SURVEY H SECTORS 3,4	265 07 13 45	108	-40.3	SURVEY H SECTORS 17,18
265 06 26 46	-165	-35.3	SURVEY H SECTORS 3,4	265 07 13 50	102	-40.3	SURVEY H SECTORS 17,18
265 06 26 50	-159	-35.3	SURVEY H SECTORS 3,4	265 07 13 59	99	-35.3	SURVEY H SECTORS 17,18
265 06 26 55	-153	-35.3	SURVEY H SECTORS 3,4	265 07 14 03	105	-35.3	SURVEY H SECTORS 17,18
265 06 27 00	-147	-35.3	SURVEY H SECTORS 3,4	265 07 14 07	111	-35.3	SURVEY H SECTOR 19
265 06 27 04	-144	-30.3	SURVEY H SECTORS 3,4	265 07 14 12	117	-35.3	SURVEY H SECTOR 19

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
265 07 14 17	123	-35.3	SURVEY H SECTOR 19	265 07 35 58	111	-5.6	PHOTOMETRY J
265 07 14 21	126	-30.3	SURVEY H SECTOR 19	265 07 36 07	111	-5.6	PHOTOMETRY J
265 07 14 25	120	-30.3	SURVEY H SECTOR 19	265 07 36 15	111	-5.6	PHOTOMETRY J
265 07 14 30	114	-30.3	SURVEY H SECTOR 19	265 07 36 26	114	-0.7	PHOTOMETRY J
265 07 14 35	108	-30.3	SURVEY H SECTORS 17,18	265 07 36 34	114	-0.7	PHOTOMETRY J
265 07 14 38	102	-30.3	SURVEY H SECTORS 17,18	265 07 36 43	114	-0.7	PHOTOMETRY J
265 07 17 14	-60	-60.1	PHOTOMETRY J	265 07 37 11	75	24.3	PHOTOMETRY J
265 07 18 34	-60	-60.1	PHOTOMETRY J	265 07 37 19	75	24.3	PHOTOMETRY J
265 07 18 42	-60	-60.1	PHOTOMETRY J	265 07 37 27	75	24.3	PHOTOMETRY J
265 07 18 50	-60	-60.1	PHOTOMETRY J	265 07 37 42	72	14.4	PHOTOMETRY J
265 07 19 16	-60	-10.5	PHOTOMETRY J	265 07 37 50	72	14.4	PHOTOMETRY J
265 07 19 24	-60	-10.5	PHOTOMETRY J	265 07 37 59	72	14.4	PHOTOMETRY J
265 07 19 33	-60	-10.5	PHOTOMETRY J	265 07 38 11	69	4.3	PHOTOMETRY J
265 07 19 40	-57	-15.3	PHOTOMETRY J	265 07 38 19	69	4.3	PHOTOMETRY J
265 07 19 48	-57	-15.3	PHOTOMETRY J	265 07 38 28	69	4.3	PHOTOMETRY J
265 07 19 58	-57	-15.3	PHOTOMETRY J	265 07 38 39	66	-5.6	PHOTOMETRY J
265 07 20 05	-57	-20.3	PHOTOMETRY J	265 07 38 47	66	-5.6	PHOTOMETRY J
265 07 20 14	-51	-20.3	PHOTOMETRY J	265 07 38 55	66	-5.6	PHOTOMETRY J
265 07 20 22	-51	-20.3	PHOTOMETRY J	265 07 39 12	66	-5.6	PHOTOMETRY J
265 07 20 33	-51	-25.3	PHOTOMETRY J	265 07 41 30	60	-10.5	PHOTOMETRY J
265 07 20 56	-51	-25.3	PHOTOMETRY J	265 07 41 38	60	-10.5	PHOTOMETRY J
265 07 21 04	-51	-25.3	PHOTOMETRY J	265 07 41 47	60	-10.5	PHOTOMETRY J
265 07 21 12	-48	-30.3	PHOTOMETRY J	265 07 41 59	57	-20.3	PHOTOMETRY J
265 07 21 20	-48	-30.3	PHOTOMETRY J	265 07 42 07	57	-20.3	PHOTOMETRY J
265 07 21 27	-48	-30.3	PHOTOMETRY J	265 07 42 16	57	-20.3	PHOTOMETRY J
265 07 21 36	-45	-35.3	PHOTOMETRY J	265 07 42 27	54	-30.3	PHOTOMETRY J
265 07 21 43	-45	-35.3	PHOTOMETRY J	265 07 42 51	54	-30.3	PHOTOMETRY J
265 07 21 51	-45	-35.3	PHOTOMETRY J	265 07 43 15	54	-30.3	PHOTOMETRY J
265 07 21 59	-42	-40.3	PHOTOMETRY J	265 07 43 23	54	-30.3	PHOTOMETRY J
265 07 22 07	-42	-40.3	PHOTOMETRY J	265 07 43 41	24	-30.3	PHOTOMETRY J
265 07 22 15	-42	-40.3	PHOTOMETRY J	265 07 43 50	24	-30.3	PHOTOMETRY J
265 07 22 24	-39	-45.3	PHOTOMETRY J	265 07 43 58	24	-30.3	PHOTOMETRY J
265 07 22 32	-39	-45.3	PHOTOMETRY J	265 07 44 09	24	-20.3	PHOTOMETRY J
265 07 22 41	-39	-45.3	PHOTOMETRY J	265 07 44 17	24	-20.3	PHOTOMETRY J
265 07 22 54	-30	-50.2	PHOTOMETRY J	265 07 44 26	24	-20.3	PHOTOMETRY J
265 07 23 13	-30	-50.2	PHOTOMETRY J	265 07 44 40	24	-10.5	PHOTOMETRY J
265 07 23 22	-30	-50.2	PHOTOMETRY J	265 07 44 49	24	-10.5	PHOTOMETRY J
265 07 23 28	-24	-50.2	PHOTOMETRY J	265 07 44 57	24	-10.5	PHOTOMETRY J
265 07 23 39	-24	-50.2	PHOTOMETRY J	265 07 45 08	24	-0.7	PHOTOMETRY J
265 07 23 46	-24	-50.2	PHOTOMETRY J	265 07 45 17	24	-0.7	PHOTOMETRY J
265 07 24 03	-15	-55.2	PHOTOMETRY J	265 07 45 25	24	-0.7	PHOTOMETRY J
265 07 24 12	-15	-55.2	PHOTOMETRY J	265 07 45 36	24	9.3	PHOTOMETRY J
265 07 24 21	-15	-55.2	PHOTOMETRY J	265 07 45 44	24	9.3	PHOTOMETRY J
265 07 24 29	-9	-55.2	PHOTOMETRY J	265 07 45 53	24	9.3	PHOTOMETRY J
265 07 24 38	-9	-55.2	PHOTOMETRY J	265 07 46 06	24	19.4	PHOTOMETRY J
265 07 24 47	-9	-55.2	PHOTOMETRY J	265 07 46 15	24	19.4	PHOTOMETRY J
265 07 24 58	0	-60.1	PHOTOMETRY J	265 07 46 23	24	19.4	PHOTOMETRY J
265 07 25 07	0	-60.1	PHOTOMETRY J	265 07 46 47	-21	9.3	PHOTOMETRY J
265 07 25 15	0	-60.1	PHOTOMETRY J	265 07 46 56	-21	9.3	PHOTOMETRY J
265 07 25 25	6	-60.1	PHOTOMETRY J	265 07 47 04	-21	9.3	PHOTOMETRY J
265 07 25 33	6	-60.1	PHOTOMETRY J	265 07 47 16	-18	-0.7	PHOTOMETRY J
265 07 25 42	6	-60.1	PHOTOMETRY J	265 07 47 25	-18	-0.7	PHOTOMETRY J
265 07 25 50	6	-60.1	PHOTOMETRY J	265 07 47 33	-18	-0.7	PHOTOMETRY J
265 07 27 57	6	-60.1	PHOTOMETRY J	265 07 47 46	-15	-10.5	PHOTOMETRY J
265 07 28 05	6	-60.1	PHOTOMETRY J	265 07 47 55	-15	-10.5	PHOTOMETRY J
265 07 28 16	18	-60.1	PHOTOMETRY J	265 07 48 03	-15	-10.5	PHOTOMETRY J
265 07 28 25	18	-60.1	PHOTOMETRY J	265 07 48 15	-9	-20.3	PHOTOMETRY J
265 07 28 33	18	-60.1	PHOTOMETRY J	265 07 48 24	-9	-20.3	PHOTOMETRY J
265 07 28 43	27	-60.1	PHOTOMETRY J	265 07 48 37	-9	-20.3	PHOTOMETRY J
265 07 28 51	27	-60.1	PHOTOMETRY J	265 07 48 48	-6	-30.3	PHOTOMETRY J
265 07 29 00	27	-60.1	PHOTOMETRY J	265 07 48 56	-6	-30.3	PHOTOMETRY J
265 07 29 10	36	-60.1	PHOTOMETRY J	265 07 49 05	-6	-30.3	PHOTOMETRY J
265 07 29 19	36	-60.1	PHOTOMETRY J	265 07 49 17	0	-40.3	PHOTOMETRY J
265 07 29 27	36	-60.1	PHOTOMETRY J	265 07 49 25	0	-40.3	PHOTOMETRY J
265 07 29 37	45	-60.1	PHOTOMETRY J	265 07 49 34	0	-40.3	PHOTOMETRY J
265 07 29 45	45	-60.1	PHOTOMETRY J	265 07 50 40	-105	-30.3	PHOTOMETRY J
265 07 29 54	45	-60.1	PHOTOMETRY J	265 07 50 46	-105	-30.3	PHOTOMETRY J
265 07 30 05	54	-55.2	PHOTOMETRY J	265 07 50 54	-105	-30.3	PHOTOMETRY J
265 07 30 43	54	-55.2	PHOTOMETRY J	265 07 51 09	-99	-40.3	PHOTOMETRY J
265 07 31 19	54	-55.2	PHOTOMETRY J	265 07 51 17	-99	-40.3	PHOTOMETRY J
265 07 31 28	54	-55.2	PHOTOMETRY J	265 07 51 26	-99	-40.3	PHOTOMETRY J
265 07 31 39	63	-55.2	PHOTOMETRY J	265 07 51 40	-93	-50.2	PHOTOMETRY J
265 07 31 47	63	-55.2	PHOTOMETRY J	265 07 51 49	-93	-50.2	PHOTOMETRY J
265 07 31 56	63	-55.2	PHOTOMETRY J	265 07 51 57	-93	-50.2	PHOTOMETRY J
265 07 33 23	96	-30.3	PHOTOMETRY J	265 07 52 09	-87	-55.2	PHOTOMETRY J
265 07 33 31	96	-30.3	PHOTOMETRY J	265 07 52 18	-87	-55.2	PHOTOMETRY J
265 07 33 39	96	-30.3	PHOTOMETRY J	265 07 52 26	-87	-55.2	PHOTOMETRY J
265 07 33 50	99	-25.3	PHOTOMETRY J	265 07 52 37	-78	-60.1	PHOTOMETRY J
265 07 34 20	99	-25.3	PHOTOMETRY J	265 07 52 45	-78	-60.1	PHOTOMETRY J
265 07 34 29	99	-25.3	PHOTOMETRY J	265 07 52 54	-78	-60.1	PHOTOMETRY J
265 07 34 40	102	-20.3	PHOTOMETRY J	265 07 53 38	-156	-40.3	PHOTOMETRY J
265 07 34 48	102	-20.3	PHOTOMETRY J	265 07 53 47	-156	-40.3	PHOTOMETRY J
265 07 34 57	102	-20.3	PHOTOMETRY J	265 07 53 55	-156	-40.3	PHOTOMETRY J
265 07 35 07	105	-15.3	PHOTOMETRY J	265 07 54 07	-156	-30.3	PHOTOMETRY J
265 07 35 16	105	-15.3	PHOTOMETRY J	265 07 54 16	-156	-30.3	PHOTOMETRY J
265 07 35 24	105	-15.3	PHOTOMETRY J	265 07 54 24	-156	-30.3	PHOTOMETRY J
265 07 35 35	108	-10.5	PHOTOMETRY J	265 07 55 22	-60	-60.1	PHOTOMETRY J
265 07 35 39	108	-10.5	PHOTOMETRY J	265 07 55 32	-60	-60.1	PHOTOMETRY J
265 07 35 47	108	-10.5	PHOTOMETRY J	265 07 58 56	81	9.3	FOCUS RANGING G

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
265 09 12 31	-9	19.4	FOCUS RANGING G	265 09 53 48	-51	-15.3	SHADOW PROGRESSION E
265 09 12 39	-9	19.4	FOCUS RANGING G	265 09 53 54	-51	-15.3	SHADOW PROGRESSION E
265 09 12 45	-9	19.4	FOCUS RANGING G	265 09 54 17	-57	-15.3	SHADOW PROGRESSION E
265 09 12 52	-9	19.4	FOCUS RANGING G	265 09 54 23	-57	-15.3	SHADOW PROGRESSION E
265 09 13 00	-9	19.4	FOCUS RANGING G	265 09 54 50	-63	-15.3	SHADOW PROGRESSION E
265 09 13 07	-9	19.4	FOCUS RANGING G	265 09 54 56	-63	-15.3	SHADOW PROGRESSION E
265 09 13 14	-9	19.4	FOCUS RANGING G	265 09 55 27	-60	-20.3	SHADOW PROGRESSION E
265 09 13 20	-9	19.4	FOCUS RANGING G	265 09 55 33	-60	-20.3	SHADOW PROGRESSION E
265 09 13 29	-9	19.4	FOCUS RANGING G	265 09 55 54	-57	-20.3	SHADOW PROGRESSION E
265 09 13 35	-9	19.4	FOCUS RANGING G	265 09 55 59	-54	-20.3	SHADOW PROGRESSION E
265 09 14 06	-9	19.4	FOCUS RANGING G	265 09 56 23	-48	-20.3	SHADOW PROGRESSION E
265 09 14 52	-9	24.3	FOCUS RANGING G	265 09 56 29	-48	-20.3	SHADOW PROGRESSION E
265 09 15 29	-9	24.3	FOCUS RANGING G	265 09 57 44	-60	-60.1	SHADOW PROGRESSION E
265 09 15 55	-9	24.3	FOCUS RANGING G	265 09 57 50	-60	-60.1	SHADOW PROGRESSION E
265 09 16 01	-9	24.3	FOCUS RANGING G	265 10 02 25	-60	-60.1	SHADOW PROGRESSION E
265 09 16 07	-9	24.3	FOCUS RANGING G	265 10 05 22	-45	4.3	FOCUS RANGING H
265 09 16 15	-9	24.3	FOCUS RANGING G	265 10 06 37	-45	4.3	FOCUS RANGING H
265 09 16 22	-9	24.3	FOCUS RANGING G	265 10 07 09	-45	4.3	FOCUS RANGING H
265 09 16 30	-9	24.3	FOCUS RANGING G	265 10 07 14	-45	4.3	FOCUS RANGING H
265 09 16 37	-9	24.3	FOCUS RANGING G	265 10 07 19	-45	4.3	FOCUS RANGING H
265 09 16 44	-9	24.3	FOCUS RANGING G	265 10 07 24	-45	4.3	FOCUS RANGING H
265 09 16 51	-9	24.3	FOCUS RANGING G	265 10 07 29	-45	4.3	FOCUS RANGING H
265 09 27 19	-27	9.3	FOCUS RANGING G	265 10 07 33	-45	4.3	FOCUS RANGING H
265 09 28 05	-27	9.3	FOCUS RANGING G	265 10 07 38	-45	4.3	FOCUS RANGING H
265 09 28 11	-27	9.3	FOCUS RANGING G	265 10 07 44	-45	4.3	FOCUS RANGING H
265 09 28 17	-27	9.3	FOCUS RANGING G	265 10 07 49	-45	4.3	FOCUS RANGING H
265 09 28 25	-27	9.3	FOCUS RANGING G	265 10 07 54	-45	4.3	FOCUS RANGING H
265 09 28 31	-27	9.3	FOCUS RANGING G	265 10 07 59	-45	4.3	FOCUS RANGING H
265 09 28 38	-27	9.3	FOCUS RANGING G	265 10 08 04	-45	4.3	FOCUS RANGING H
265 09 28 45	-27	9.3	FOCUS RANGING G	265 10 08 08	-45	4.3	FOCUS RANGING H
265 09 28 52	-27	9.3	FOCUS RANGING G	265 10 08 13	-45	4.3	FOCUS RANGING H
265 09 28 58	-27	9.3	FOCUS RANGING G	265 10 08 19	-45	4.3	FOCUS RANGING H
265 09 29 38	-27	14.4	FOCUS RANGING G	265 10 08 24	-45	4.3	FOCUS RANGING H
265 09 30 00	-27	14.4	FOCUS RANGING G	265 10 09 24	-45	9.3	FOCUS RANGING H
265 09 30 07	-27	14.4	FOCUS RANGING G	265 10 10 02	-45	9.3	FOCUS RANGING H
265 09 30 14	-27	14.4	FOCUS RANGING G	265 10 10 07	-45	9.3	FOCUS RANGING H
265 09 30 22	-27	14.4	FOCUS RANGING G	265 10 10 11	-45	9.3	FOCUS RANGING H
265 09 30 29	-27	14.4	FOCUS RANGING G	265 10 10 16	-45	9.3	FOCUS RANGING H
265 09 30 36	-27	14.4	FOCUS RANGING G	265 10 10 21	-45	9.3	FOCUS RANGING H
265 09 30 43	-27	14.4	FOCUS RANGING G	265 10 10 26	-45	9.3	FOCUS RANGING H
265 09 30 51	-27	14.4	FOCUS RANGING G	265 10 10 31	-45	9.3	FOCUS RANGING H
265 09 30 57	-27	14.4	FOCUS RANGING G	265 10 10 37	-45	9.3	FOCUS RANGING H
265 09 31 05	-27	14.4	FOCUS RANGING G	265 10 10 42	-45	9.3	FOCUS RANGING H
265 09 31 11	-27	14.4	FOCUS RANGING G	265 10 10 46	-45	9.3	FOCUS RANGING H
265 09 31 59	-27	19.4	FOCUS RANGING G	265 10 10 51	-45	9.3	FOCUS RANGING H
265 09 32 21	-27	19.4	FOCUS RANGING G	265 10 10 56	-45	9.3	FOCUS RANGING H
265 09 32 26	-27	19.4	FOCUS RANGING G	265 10 12 10	-45	14.4	FOCUS RANGING H
265 09 32 32	-27	19.4	FOCUS RANGING G	265 10 12 31	-45	14.4	FOCUS RANGING H
265 09 32 37	-27	19.4	FOCUS RANGING G	265 10 12 36	-45	14.4	FOCUS RANGING H
265 09 32 43	-27	19.4	FOCUS RANGING G	265 10 12 41	-45	14.4	FOCUS RANGING H
265 09 32 47	-27	19.4	FOCUS RANGING G	265 10 12 46	-45	14.4	FOCUS RANGING H
265 09 32 54	-27	19.4	FOCUS RANGING G	265 10 12 51	-45	14.4	FOCUS RANGING H
265 09 33 00	-27	19.4	FOCUS RANGING G	265 10 14 25	-63	-10.5	FOCUS RANGING H
265 09 33 06	-27	19.4	FOCUS RANGING G	265 10 15 00	-63	-10.5	FOCUS RANGING H
265 09 36 24	-60	-60.1	SHADOW PROGRESSION E	265 10 15 06	-63	-10.5	FOCUS RANGING H
265 09 37 21	-60	-60.1	SHADOW PROGRESSION E	265 10 15 11	-63	-10.5	FOCUS RANGING H
265 09 37 58	-60	-60.1	SHADOW PROGRESSION E	265 10 15 15	-63	-10.5	FOCUS RANGING H
265 09 39 17	-66	24.3	SHADOW PROGRESSION E	265 10 15 20	-63	-10.5	FOCUS RANGING H
265 09 39 45	-66	-20.3	SHADOW PROGRESSION E	265 10 15 25	-63	-10.5	FOCUS RANGING H
265 09 40 12	-72	-5.6	SHADOW PROGRESSION E	265 10 15 30	-63	-10.5	FOCUS RANGING H
265 09 40 37	-51	4.3	SHADOW PROGRESSION E	265 10 15 35	-63	-10.5	FOCUS RANGING H
265 09 42 08	-51	4.3	SHADOW PROGRESSION E	265 10 15 41	-63	-10.5	FOCUS RANGING H
265 09 42 14	-51	4.3	SHADOW PROGRESSION E	265 10 15 46	-63	-10.5	FOCUS RANGING H
265 09 42 49	-57	4.3	SHADOW PROGRESSION E	265 10 15 50	-63	-10.5	FOCUS RANGING H
265 09 42 55	-57	4.3	SHADOW PROGRESSION E	265 10 16 47	-63	-5.6	FOCUS RANGING H
265 09 43 21	-66	-0.7	SHADOW PROGRESSION E	265 10 17 10	-63	-5.6	FOCUS RANGING H
265 09 43 27	-66	-0.7	SHADOW PROGRESSION E	265 10 17 15	-63	-5.6	FOCUS RANGING H
265 09 44 02	-60	-0.7	SHADOW PROGRESSION E	265 10 17 20	-63	-5.6	FOCUS RANGING H
265 09 44 08	-60	-0.7	SHADOW PROGRESSION E	265 10 17 26	-63	-5.6	FOCUS RANGING H
265 09 44 46	-54	-0.7	SHADOW PROGRESSION E	265 10 17 31	-63	-5.6	FOCUS RANGING H
265 09 44 52	-54	-0.7	SHADOW PROGRESSION E	265 10 17 35	-63	-5.6	FOCUS RANGING H
265 09 45 31	-51	-5.6	SHADOW PROGRESSION E	265 10 17 40	-63	-5.6	FOCUS RANGING H
265 09 45 35	-51	-5.6	SHADOW PROGRESSION E	265 10 17 45	-63	-5.6	FOCUS RANGING H
265 09 46 02	-57	-5.6	SHADOW PROGRESSION E	265 10 17 50	-63	-5.6	FOCUS RANGING H
265 09 46 08	-57	-5.6	SHADOW PROGRESSION E	265 10 17 55	-63	-5.6	FOCUS RANGING H
265 09 46 43	-63	-5.6	SHADOW PROGRESSION E	265 10 18 01	-63	-5.6	FOCUS RANGING H
265 09 46 49	-63	-5.6	SHADOW PROGRESSION E	265 10 19 11	-63	-0.7	FOCUS RANGING H
265 09 47 15	-69	-5.6	SHADOW PROGRESSION E	265 10 19 49	-63	-0.7	FOCUS RANGING H
265 09 47 22	-69	-5.6	SHADOW PROGRESSION E	265 10 20 09	-63	-0.7	FOCUS RANGING H
265 09 47 49	-66	-10.5	SHADOW PROGRESSION E	265 10 20 13	-63	-0.7	FOCUS RANGING H
265 09 47 55	-66	-10.5	SHADOW PROGRESSION E	265 10 20 18	-63	-0.7	FOCUS RANGING H
265 09 51 26	-63	-10.5	SHADOW PROGRESSION E	265 10 20 24	-63	-0.7	FOCUS RANGING H
265 09 51 32	-60	-10.5	SHADOW PROGRESSION E	265 10 20 29	-63	-0.7	FOCUS RANGING H
265 09 52 07	-54	-10.5	SHADOW PROGRESSION E	265 10 20 34	-63	-0.7	FOCUS RANGING H
265 09 52 12	-54	-10.5	SHADOW PROGRESSION E	265 10 20 39	-63	-0.7	FOCUS RANGING H
265 09 52 38	-48	-10.5	SHADOW PROGRESSION E	265 10 20 44	-63	-0.7	FOCUS RANGING H
265 09 52 44	-48	-10.5	SHADOW PROGRESSION E	265 10 20 48	-63	-0.7	FOCUS RANGING H
265 09 53 17	-45	-15.3	SHADOW PROGRESSION E	265 10 22 14	-81	-25.3	FOCUS RANGING H
265 09 53 23	-45	-15.3	SHADOW PROGRESSION E	265 10 23 15	-81	-25.3	FOCUS RANGING H

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
265 11 13 58	-201	-25.3	SURVEY I SECTORS 1,2	265 11 25 00	-111	-55.2	SURVEY I SECTORS 5,6
265 11 14 03	-195	-25.3	SURVEY I SECTORS 1,2	265 11 25 03	-108	-50.2	SURVEY I SECTORS 5,6
265 11 14 07	-189	-25.3	SURVEY I SECTORS 1,2	265 11 25 08	-114	-50.2	SURVEY I SECTORS 5,6
265 11 14 11	-183	-25.3	SURVEY I SECTORS 1,2	265 11 25 13	-120	-50.2	SURVEY I SECTORS 5,6
265 11 14 16	-180	-20.3	SURVEY I SECTORS 1,2	265 11 25 18	-126	-50.2	SURVEY I SECTORS 5,6
265 11 14 21	-186	-20.3	SURVEY I SECTORS 1,2	265 11 25 21	-132	-50.2	SURVEY I SECTORS 5,6
265 11 14 25	-192	-20.3	SURVEY I SECTORS 1,2	265 11 25 26	-138	-50.2	SURVEY I SECTORS 5,6
265 11 14 29	-198	-20.3	SURVEY I SECTORS 1,2	265 11 25 32	-141	-45.3	SURVEY I SECTORS 5,6
265 11 14 34	-204	-20.3	SURVEY I SECTORS 1,2	265 11 25 37	-135	-45.3	SURVEY I SECTORS 5,6
265 11 14 39	-210	-20.3	SURVEY I SECTORS 1,2	265 11 25 42	-129	-45.3	SURVEY I SECTORS 5,6
265 11 14 45	-213	-15.3	SURVEY I SECTORS 1,2	265 11 25 47	-123	-45.3	SURVEY I SECTORS 5,6
265 11 14 50	-207	-15.3	SURVEY I SECTORS 1,2	265 11 25 50	-117	-45.3	SURVEY I SECTORS 5,6
265 11 14 54	-201	-15.3	SURVEY I SECTORS 1,2	265 11 25 55	-111	-45.3	SURVEY I SECTORS 5,6
265 11 14 58	-195	-15.3	SURVEY I SECTORS 1,2	265 11 26 00	-108	-40.3	SURVEY I SECTORS 5,6
265 11 15 03	-189	-15.3	SURVEY I SECTORS 1,2	265 11 26 05	-114	-40.3	SURVEY I SECTORS 5,6
265 11 15 08	-183	-15.3	SURVEY I SECTORS 1,2	265 11 26 09	-120	-40.3	SURVEY I SECTORS 5,6
265 11 16 31	-177	-65.1	SURVEY I SECTORS 3,4	265 11 26 13	-126	-40.3	SURVEY I SECTORS 5,6
265 11 17 07	-177	-65.1	SURVEY I SECTORS 3,4	265 11 26 18	-132	-40.3	SURVEY I SECTORS 5,6
265 11 17 12	-171	-65.1	SURVEY I SECTORS 3,4	265 11 26 22	-138	-40.3	SURVEY I SECTORS 5,6
265 11 17 15	-165	-65.1	SURVEY I SECTORS 3,4	265 11 26 28	-141	-35.3	SURVEY I SECTORS 5,6
265 11 17 20	-159	-65.1	SURVEY I SECTORS 3,4	265 11 26 31	-135	-35.3	SURVEY I SECTORS 5,6
265 11 17 25	-153	-65.1	SURVEY I SECTORS 3,4	265 11 26 36	-129	-35.3	SURVEY I SECTORS 5,6
265 11 17 30	-147	-65.1	SURVEY I SECTORS 3,4	265 11 26 58	-129	-35.3	SURVEY I SECTORS 5,6
265 11 17 34	-144	-60.1	SURVEY I SECTORS 3,4	265 11 27 14	-123	-35.3	SURVEY I SECTORS 5,6
265 11 17 38	-150	-60.1	SURVEY I SECTORS 3,4	265 11 27 17	-117	-35.3	SURVEY I SECTORS 5,6
265 11 17 43	-156	-60.1	SURVEY I SECTORS 3,4	265 11 27 22	-111	-35.3	SURVEY I SECTORS 5,6
265 11 17 47	-162	-60.1	SURVEY I SECTORS 3,4	265 11 27 27	-108	-30.3	SURVEY I SECTORS 5,6
265 11 17 52	-168	-60.1	SURVEY I SECTORS 3,4	265 11 27 32	-114	-30.3	SURVEY I SECTORS 5,6
265 11 17 56	-174	-60.1	SURVEY I SECTORS 3,4	265 11 27 35	-120	-30.3	SURVEY I SECTORS 5,6
265 11 18 01	-177	-55.2	SURVEY I SECTORS 3,4	265 11 27 40	-126	-30.3	SURVEY I SECTORS 5,6
265 11 18 05	-171	-55.2	SURVEY I SECTORS 3,4	265 11 27 45	-132	-30.3	SURVEY I SECTORS 5,6
265 11 18 10	-165	-55.2	SURVEY I SECTORS 3,4	265 11 27 50	-138	-30.3	SURVEY I SECTORS 5,6
265 11 18 15	-159	-55.2	SURVEY I SECTORS 3,4	265 11 27 59	-141	-25.3	SURVEY I SECTORS 5,6
265 11 18 19	-153	-55.2	SURVEY I SECTORS 3,4	265 11 28 04	-135	-25.3	SURVEY I SECTORS 5,6
265 11 18 23	-147	-55.2	SURVEY I SECTORS 3,4	265 11 28 08	-129	-25.3	SURVEY I SECTORS 5,6
265 11 18 28	-144	-50.2	SURVEY I SECTORS 3,4	265 11 28 13	-123	-25.3	SURVEY I SECTORS 5,6
265 11 18 33	-150	-50.2	SURVEY I SECTORS 3,4	265 11 28 18	-117	-25.3	SURVEY I SECTORS 5,6
265 11 18 36	-156	-50.2	SURVEY I SECTORS 3,4	265 11 28 22	-111	-25.3	SURVEY I SECTORS 5,6
265 11 18 41	-162	-50.2	SURVEY I SECTORS 3,4	265 11 28 27	-108	-20.3	SURVEY I SECTORS 5,6
265 11 18 46	-168	-50.2	SURVEY I SECTORS 3,4	265 11 30 16	-105	-65.1	SURVEY I SECTORS 7,8
265 11 18 51	-174	-50.2	SURVEY I SECTORS 3,4	265 11 34 06	-105	-65.1	SURVEY I SECTORS 7,8
265 11 18 54	-177	-45.3	SURVEY I SECTORS 3,4	265 11 34 36	-105	-65.1	SURVEY I SECTORS 7,8
265 11 18 59	-171	-45.3	SURVEY I SECTORS 3,4	265 11 34 41	-99	-65.1	SURVEY I SECTORS 7,8
265 11 19 04	-165	-45.3	SURVEY I SECTORS 3,4	265 11 34 46	-93	-65.1	SURVEY I SECTORS 7,8
265 11 19 09	-159	-45.3	SURVEY I SECTORS 3,4	265 11 34 51	-87	-65.1	SURVEY I SECTORS 7,8
265 11 19 12	-153	-45.3	SURVEY I SECTORS 3,4	265 11 34 54	-81	-65.1	SURVEY I SECTORS 7,8
265 11 19 17	-147	-45.3	SURVEY I SECTORS 3,4	265 11 34 59	-75	-65.1	SURVEY I SECTORS 7,8
265 11 19 23	-144	-40.3	SURVEY I SECTORS 3,4	265 11 35 04	-72	-60.1	SURVEY I SECTORS 7,8
265 11 19 28	-150	-40.3	SURVEY I SECTORS 3,4	265 11 35 08	-78	-60.1	SURVEY I SECTORS 7,8
265 11 19 32	-156	-40.3	SURVEY I SECTORS 3,4	265 11 35 12	-84	-60.1	SURVEY I SECTORS 7,8
265 11 19 37	-162	-40.3	SURVEY I SECTORS 3,4	265 11 35 17	-90	-60.1	SURVEY I SECTORS 7,8
265 11 19 41	-168	-40.3	SURVEY I SECTORS 3,4	265 11 35 22	-96	-60.1	SURVEY I SECTORS 7,8
265 11 19 46	-174	-40.3	SURVEY I SECTORS 3,4	265 11 35 26	-102	-60.1	SURVEY I SECTORS 7,8
265 11 19 50	-177	-35.3	SURVEY I SECTORS 3,4	265 11 35 31	-105	-55.2	SURVEY I SECTORS 7,8
265 11 19 55	-171	-35.3	SURVEY I SECTORS 3,4	265 11 35 35	-99	-55.2	SURVEY I SECTORS 7,8
265 11 19 59	-165	-35.3	SURVEY I SECTORS 3,4	265 11 35 40	-93	-55.2	SURVEY I SECTORS 7,8
265 11 20 04	-159	-35.3	SURVEY I SECTORS 3,4	265 11 35 45	-87	-55.2	SURVEY I SECTORS 7,8
265 11 20 08	-153	-35.3	SURVEY I SECTORS 3,4	265 11 35 49	-81	-55.2	SURVEY I SECTORS 7,8
265 11 20 13	-147	-35.3	SURVEY I SECTORS 3,4	265 11 35 53	-75	-55.2	SURVEY I SECTORS 7,8
265 11 20 18	-144	-30.3	SURVEY I SECTORS 3,4	265 11 35 58	-72	-50.2	SURVEY I SECTORS 7,8
265 11 20 47	-144	-30.3	SURVEY I SECTORS 3,4	265 11 36 02	-78	-50.2	SURVEY I SECTORS 7,8
265 11 21 00	-150	-30.3	SURVEY I SECTORS 3,4	265 11 36 07	-84	-50.2	SURVEY I SECTORS 7,8
265 11 21 05	-156	-30.3	SURVEY I SECTORS 3,4	265 11 36 12	-90	-50.2	SURVEY I SECTORS 7,8
265 11 21 09	-162	-30.3	SURVEY I SECTORS 3,4	265 11 36 15	-96	-50.2	SURVEY I SECTORS 7,8
265 11 21 13	-168	-30.3	SURVEY I SECTORS 3,4	265 11 36 20	-102	-50.2	SURVEY I SECTORS 7,8
265 11 21 18	-174	-30.3	SURVEY I SECTORS 3,4	265 11 36 27	-105	-45.3	SURVEY I SECTORS 7,8
265 11 21 23	-177	-25.3	SURVEY I SECTORS 3,4	265 11 36 32	-99	-45.3	SURVEY I SECTORS 7,8
265 11 21 26	-171	-25.3	SURVEY I SECTORS 3,4	265 11 36 36	-93	-45.3	SURVEY I SECTORS 7,8
265 11 21 31	-165	-25.3	SURVEY I SECTORS 3,4	265 11 36 41	-87	-45.3	SURVEY I SECTORS 7,8
265 11 21 36	-159	-25.3	SURVEY I SECTORS 3,4	265 11 36 45	-81	-45.3	SURVEY I SECTORS 7,8
265 11 21 41	-153	-25.3	SURVEY I SECTORS 3,4	265 11 36 50	-75	-45.3	SURVEY I SECTORS 7,8
265 11 21 44	-147	-25.3	SURVEY I SECTORS 3,4	265 11 36 54	-72	-40.3	SURVEY I SECTORS 7,8
265 11 23 06	-141	-65.1	SURVEY I SECTORS 5,6	265 11 36 59	-78	-40.3	SURVEY I SECTORS 7,8
265 11 23 47	-135	-65.1	SURVEY I SECTORS 5,6	265 11 37 03	-84	-40.3	SURVEY I SECTORS 7,8
265 11 23 52	-129	-65.1	SURVEY I SECTORS 5,6	265 11 37 08	-90	-40.3	SURVEY I SECTORS 7,8
265 11 23 56	-123	-65.1	SURVEY I SECTORS 5,6	265 11 37 12	-96	-40.3	SURVEY I SECTORS 7,8
265 11 24 01	-117	-65.1	SURVEY I SECTORS 5,6	265 11 37 17	-102	-40.3	SURVEY I SECTORS 7,8
265 11 24 06	-111	-65.1	SURVEY I SECTORS 5,6	265 11 37 21	-105	-35.3	SURVEY I SECTORS 7,8
265 11 24 10	-108	-60.1	SURVEY I SECTORS 5,6	265 11 37 26	-99	-35.3	SURVEY I SECTORS 7,8
265 11 24 14	-114	-60.1	SURVEY I SECTORS 5,6	265 11 37 31	-93	-35.3	SURVEY I SECTORS 7,8
265 11 24 19	-120	-60.1	SURVEY I SECTORS 5,6	265 11 37 35	-87	-35.3	SURVEY I SECTORS 7,8
265 11 24 24	-126	-60.1	SURVEY I SECTORS 5,6	265 11 37 40	-81	-35.3	SURVEY I SECTORS 7,8
265 11 24 28	-132	-60.1	SURVEY I SECTORS 5,6	265 11 37 44	-75	-35.3	SURVEY I SECTORS 7,8
265 11 24 32	-138	-60.1	SURVEY I SECTORS 5,6	265 11 38 06	-75	-35.3	SURVEY I SECTORS 7,8
265 11 24 37	-141	-55.2	SURVEY I SECTORS 5,6	265 11 38 19	-72	-30.3	SURVEY I SECTORS 7,8
265 11 24 42	-135	-55.2	SURVEY I SECTORS 5,6	265 11 38 24	-78	-30.3	SURVEY I SECTORS 7,8
265 11 24 45	-129	-55.2	SURVEY I SECTORS 5,6	265 11 38 29	-84	-30.3	SURVEY I SECTORS 7,8
265 11 24 50	-123	-55.2	SURVEY I SECTORS 5,6	265 11 38 34	-90	-30.3	SURVEY I SECTORS 7,8
265 11 24 55	-117	-55.2	SURVEY I SECTORS 5,6	265 11 38 37	-96	-30.3	SURVEY I SECTORS 7,8

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
265 11 38 42	-102	-30.3	SURVEY I SECTORS 7,8	265 12 00 54	-54	-30.3	SURVEY I SECTORS 9,10
265 11 38 51	-105	-25.3	SURVEY I SECTORS 7,8	265 12 00 58	-60	-30.3	SURVEY I SECTORS 9,10
265 11 38 54	-99	-25.3	SURVEY I SECTORS 7,8	265 12 01 02	-66	-30.3	SURVEY I SECTORS 9,10
265 11 38 59	-93	-25.3	SURVEY I SECTORS 7,8	265 12 01 07	-69	-25.3	SURVEY I SECTORS 9,10
265 11 39 04	-87	-25.3	SURVEY I SECTORS 7,8	265 12 01 37	-69	-25.3	SURVEY I SECTORS 9,10
265 11 39 09	-81	-25.3	SURVEY I SECTORS 7,8	265 12 01 48	-63	-25.3	SURVEY I SECTORS 9,10
265 11 39 12	-75	-25.3	SURVEY I SECTORS 7,8	265 12 01 53	-57	-25.3	SURVEY I SECTORS 9,10
265 11 39 17	-72	-20.3	SURVEY I SECTORS 7,8	265 12 01 57	-51	-25.3	SURVEY I SECTORS 9,10
265 11 39 22	-78	-20.3	SURVEY I SECTORS 7,8	265 12 02 01	-45	-25.3	SURVEY I SECTORS 9,10
265 11 39 27	-84	-20.3	SURVEY I SECTORS 7,8	265 12 02 06	-39	-25.3	SURVEY I SECTORS 9,10
265 11 39 32	-90	-20.3	SURVEY I SECTORS 7,8	265 12 02 11	-33	-25.3	SURVEY I SECTORS 11,12
265 11 39 59	-90	-20.3	SURVEY I SECTORS 7,8	265 12 02 15	-30	-20.3	SURVEY I SECTORS 11,12
265 11 40 13	-96	-20.3	SURVEY I SECTORS 7,8	265 12 02 20	-36	-20.3	SURVEY I SECTORS 9,10
265 11 40 18	-102	-20.3	SURVEY I SECTORS 7,8	265 12 02 24	-42	-20.3	SURVEY I SECTORS 9,10
265 11 40 22	-105	-15.3	SURVEY I SECTORS 7,8	265 12 02 29	-48	-20.3	SURVEY I SECTORS 9,10
265 11 40 27	-99	-15.3	SURVEY I SECTORS 7,8	265 12 02 33	-54	-20.3	SURVEY I SECTORS 9,10
265 11 40 31	-93	-15.3	SURVEY I SECTORS 7,8	265 12 02 38	-60	-20.3	SURVEY I SECTORS 9,10
265 11 40 36	-87	-15.3	SURVEY I SECTORS 7,8	265 12 02 42	-66	-20.3	SURVEY I SECTORS 9,10
265 11 40 40	-81	-15.3	SURVEY I SECTORS 7,8	265 12 02 51	-69	-15.3	SURVEY I SECTORS 9,10
265 11 40 45	-75	-15.3	SURVEY I SECTORS 7,8	265 12 03 14	-69	-15.3	SURVEY I SECTORS 9,10
265 11 40 49	-72	-10.5	SURVEY I SECTORS 7,8	265 12 03 25	-63	-15.3	SURVEY I SECTORS 9,10
265 11 40 54	-78	-10.5	SURVEY I SECTORS 7,8	265 12 03 29	-57	-15.3	SURVEY I SECTORS 9,10
265 11 40 59	-84	-10.5	SURVEY I SECTORS 7,8	265 12 03 33	-51	-15.3	SURVEY I SECTORS 9,10
265 11 41 02	-90	-10.5	SURVEY I SECTORS 7,8	265 12 03 38	-45	-15.3	SURVEY I SECTORS 9,10
265 11 41 07	-96	-10.5	SURVEY I SECTORS 7,8	265 12 03 43	-39	-15.3	SURVEY I SECTORS 9,10
265 11 41 12	-102	-10.5	SURVEY I SECTORS 7,8	265 12 03 48	-33	-15.3	SURVEY I SECTORS 11,12
265 11 41 17	-105	-5.6	SURVEY I SECTORS 7,8	265 12 03 51	-30	-10.5	SURVEY I SECTORS 11,12
265 11 41 20	-99	-5.6	SURVEY I SECTORS 7,8	265 12 03 56	-36	-10.5	SURVEY I SECTORS 9,10
265 11 41 25	-93	-5.6	SURVEY I SECTORS 7,8	265 12 04 01	-42	-10.5	SURVEY I SECTORS 9,10
265 11 41 30	-87	-5.6	SURVEY I SECTORS 7,8	265 12 04 06	-48	-10.5	SURVEY I SECTORS 9,10
265 11 41 35	-81	-5.6	SURVEY I SECTORS 7,8	265 12 04 09	-54	-10.5	SURVEY I SECTORS 9,10
265 11 41 38	-75	-5.6	SURVEY I SECTORS 7,8	265 12 04 14	-60	-10.5	SURVEY I SECTORS 9,10
265 11 42 07	-69	-65.1	SURVEY I SECTORS 9,10	265 12 04 19	-66	-10.5	SURVEY I SECTORS 9,10
265 11 43 00	-69	-65.1	SURVEY I SECTORS 9,10	265 12 04 24	-69	-5.6	SURVEY I SECTORS 9,10
265 11 43 38	-63	-65.1	SURVEY I SECTORS 9,10	265 12 04 54	-69	-5.6	SURVEY I SECTORS 9,10
265 11 43 41	-57	-65.1	SURVEY I SECTORS 9,10	265 12 05 08	-63	-5.6	SURVEY I SECTORS 9,10
265 11 43 46	-51	-65.1	SURVEY I SECTORS 9,10	265 12 05 13	-57	-5.6	SURVEY I SECTORS 9,10
265 11 43 51	-45	-65.1	SURVEY I SECTORS 9,10	265 12 05 44	-57	-5.6	SURVEY I SECTORS 9,10
265 11 43 55	-39	-65.1	SURVEY I SECTORS 9,10	265 12 05 54	-51	-5.6	SURVEY I SECTORS 9,10
265 11 43 59	-33	-65.1	SURVEY I SECTORS 11,12	265 12 05 59	-45	-5.6	SURVEY I SECTORS 9,10
265 11 44 04	-30	-60.1	SURVEY I SECTORS 11,12	265 12 06 25	-45	-5.6	SURVEY I SECTORS 9,10
265 11 44 09	-36	-60.1	SURVEY I SECTORS 9,10	265 12 06 36	-39	-5.6	SURVEY I SECTORS 9,10
265 11 44 13	-42	-60.1	SURVEY I SECTORS 9,10	265 12 06 41	-33	-5.6	SURVEY I SECTORS 11,12
265 11 44 18	-48	-60.1	SURVEY I SECTORS 9,10	265 12 06 45	-30	-0.7	SURVEY I SECTORS 11,12
265 11 44 22	-54	-60.1	SURVEY I SECTORS 9,10	265 12 06 50	-36	-0.7	SURVEY I SECTORS 9,10
265 11 44 27	-60	-60.1	SURVEY I SECTORS 9,10	265 12 06 54	-42	-0.7	SURVEY I SECTORS 9,10
265 11 44 31	-66	-60.1	SURVEY I SECTORS 9,10	265 12 06 59	-48	-0.7	SURVEY I SECTORS 9,10
265 11 44 36	-69	-55.2	SURVEY I SECTORS 9,10	265 12 07 23	-48	-0.7	SURVEY I SECTORS 9,10
265 11 44 40	-63	-55.2	SURVEY I SECTORS 9,10	265 12 07 35	-54	-0.7	SURVEY I SECTORS 9,10
265 11 44 45	-57	-55.2	SURVEY I SECTORS 9,10	265 12 07 40	-60	-0.7	SURVEY I SECTORS 9,10
265 11 44 49	-51	-55.2	SURVEY I SECTORS 9,10	265 12 08 13	-60	-0.7	SURVEY I SECTORS 9,10
265 11 44 54	-45	-55.2	SURVEY I SECTORS 9,10	265 12 08 24	-66	-0.7	SURVEY I SECTORS 9,10
265 11 44 59	-39	-55.2	SURVEY I SECTORS 9,10	265 12 08 28	-69	4.3	SURVEY I SECTORS 9,10
265 11 45 02	-33	-55.2	SURVEY I SECTORS 11,12	265 12 08 33	-63	4.3	SURVEY I SECTORS 9,10
265 11 45 07	-30	-50.2	SURVEY I SECTORS 11,12	265 12 08 37	-57	4.3	SURVEY I SECTORS 9,10
265 11 45 12	-36	-50.2	SURVEY I SECTORS 9,10	265 12 08 42	-51	4.3	SURVEY I SECTORS 9,10
265 11 45 17	-42	-50.2	SURVEY I SECTORS 9,10	265 12 08 46	-45	4.3	SURVEY I SECTORS 9,10
265 11 45 20	-48	-50.2	SURVEY I SECTORS 9,10	265 12 09 19	-45	4.3	SURVEY I SECTORS 9,10
265 11 45 25	-54	-50.2	SURVEY I SECTORS 9,10	265 12 09 30	-39	4.3	SURVEY I SECTORS 9,10
265 11 45 30	-60	-50.2	SURVEY I SECTORS 9,10	265 12 09 35	-33	4.3	SURVEY I SECTORS 11,12
265 11 45 35	-66	-50.2	SURVEY I SECTORS 9,10	265 12 09 55	-33	4.3	SURVEY I SECTORS 11,12
265 11 57 13	-66	-50.2	SURVEY I SECTORS 9,10	265 12 10 19	-30	9.3	SURVEY I SECTORS 11,12
265 11 57 40	-69	-45.3	SURVEY I SECTORS 9,10	265 12 10 54	-36	9.3	SURVEY I SECTORS 9,10
265 11 57 45	-63	-45.3	SURVEY I SECTORS 9,10	265 12 11 26	-42	9.3	SURVEY I SECTORS 9,10
265 11 57 48	-57	-45.3	SURVEY I SECTORS 9,10	265 12 11 43	-48	9.3	SURVEY I SECTORS 9,10
265 11 57 53	-51	-45.3	SURVEY I SECTORS 9,10	265 12 12 05	-45	14.4	SURVEY I SECTORS 9,10
265 11 57 58	-45	-45.3	SURVEY I SECTORS 9,10	265 12 12 22	-39	14.4	SURVEY I SECTORS 9,10
265 11 58 02	-39	-45.3	SURVEY I SECTORS 9,10	265 12 12 38	-33	14.4	SURVEY I SECTORS 11,12
265 11 58 06	-33	-45.3	SURVEY I SECTORS 11,12	265 12 13 35	-27	-65.1	SURVEY I SECTORS 11,12
265 11 58 40	-33	-45.3	SURVEY I SECTORS 11,12	265 12 14 04	-27	-65.1	SURVEY I SECTORS 11,12
265 11 58 55	-30	-40.3	SURVEY I SECTORS 11,12	265 12 14 08	-21	-65.1	SURVEY I SECTORS 11,12
265 11 58 59	-36	-40.3	SURVEY I SECTORS 9,10	265 12 14 12	-15	-65.1	SURVEY I SECTORS 11,12
265 11 59 04	-42	-40.3	SURVEY I SECTORS 9,10	265 12 14 17	-9	-65.1	SURVEY I SECTORS 11,12
265 11 59 09	-48	-40.3	SURVEY I SECTORS 9,10	265 12 14 22	-3	-65.1	SURVEY I SECTORS 11,12
265 11 59 13	-54	-40.3	SURVEY I SECTORS 9,10	265 12 14 26	0	-60.1	SURVEY I SECTORS 11,12
265 11 59 18	-60	-40.3	SURVEY I SECTORS 9,10	265 12 14 30	-6	-60.1	SURVEY I SECTORS 11,12
265 11 59 22	-66	-40.3	SURVEY I SECTORS 9,10	265 12 14 35	-12	-60.1	SURVEY I SECTORS 11,12
265 11 59 27	-69	-35.3	SURVEY I SECTORS 9,10	265 12 14 40	-18	-60.1	SURVEY I SECTORS 11,12
265 11 59 57	-69	-35.3	SURVEY I SECTORS 9,10	265 12 14 45	-24	-60.1	SURVEY I SECTORS 11,12
265 12 00 08	-63	-35.3	SURVEY I SECTORS 9,10	265 12 14 48	-27	-55.2	SURVEY I SECTORS 11,12
265 12 00 13	-57	-35.3	SURVEY I SECTORS 9,10	265 12 14 53	-21	-55.2	SURVEY I SECTORS 11,12
265 12 00 18	-51	-35.3	SURVEY I SECTORS 9,10	265 12 14 58	-15	-55.2	SURVEY I SECTORS 11,12
265 12 00 23	-45	-35.3	SURVEY I SECTORS 9,10	265 12 15 01	-9	-55.2	SURVEY I SECTORS 11,12
265 12 00 26	-39	-35.3	SURVEY I SECTORS 9,10	265 12 15 06	-3	-55.2	SURVEY I SECTORS 11,12
265 12 00 31	-33	-35.3	SURVEY I SECTORS 11,12	265 12 15 11	0	-50.2	SURVEY I SECTORS 11,12
265 12 00 36	-30	-30.3	SURVEY I SECTORS 11,12	265 12 15 16	-6	-50.2	SURVEY I SECTORS 11,12
265 12 00 40	-36	-30.3	SURVEY I SECTORS 9,10	265 12 15 20	-12	-50.2	SURVEY I SECTORS 11,12
265 12 00 44	-42	-30.3	SURVEY I SECTORS 9,10	265 12 15 24	-18	-50.2	SURVEY I SECTORS 11,12
265 12 00 49	-48	-30.3	SURVEY I SECTORS 9,10	265 12 15 29	-24	-50.2	SURVEY I SECTORS 11,12

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
265 12 15 34	-27	-45.3	SURVEY I SECTORS 11,12	265 13 19 24	-66	-65.1	SPECIAL L
265 12 15 38	-21	-45.3	SURVEY I SECTORS 11,12	265 13 20 03	-75	-70.1	SPECIAL L
265 12 15 42	-15	-45.3	SURVEY I SECTORS 11,12	265 13 20 37	-72	-70.1	SPECIAL L
265 12 15 47	-9	-45.3	SURVEY I SECTORS 11,12	265 13 20 42	-66	-70.1	SPECIAL L
265 12 15 52	-3	-45.3	SURVEY I SECTORS 11,12	265 13 20 47	-60	-70.1	SPECIAL L
265 12 15 56	0	-40.3	SURVEY I SECTORS 11,12	265 13 20 50	-54	-70.1	SPECIAL L
265 12 16 01	-6	-40.3	SURVEY I SECTORS 11,12	265 13 20 55	-48	-70.1	SPECIAL L
265 12 16 05	-12	-40.3	SURVEY I SECTORS 11,12	265 13 21 00	-42	-70.1	SPECIAL L
265 12 16 09	-18	-40.3	SURVEY I SECTORS 11,12	265 13 21 05	-39	-65.1	SPECIAL L
265 12 16 14	-24	-40.3	SURVEY I SECTORS 11,12	265 13 21 10	-45	-65.1	SPECIAL L
265 12 16 20	-27	-35.3	SURVEY I SECTORS 11,12	265 13 21 14	-51	-65.1	SPECIAL L
265 12 16 56	-27	-35.3	SURVEY I SECTORS 11,12	265 13 21 19	-57	-65.1	SPECIAL L
265 12 24 03	-21	-35.3	SURVEY I SECTORS 11,12	265 13 21 23	-63	-65.1	SPECIAL L
265 12 24 07	-15	-35.3	SURVEY I SECTORS 11,12	265 13 21 28	-69	-65.1	SPECIAL L
265 12 24 11	-9	-35.3	SURVEY I SECTORS 11,12	265 13 21 32	-75	-65.1	SPECIAL L
265 12 24 16	-3	-35.3	SURVEY I SECTORS 11,12	265 13 21 36	-78	-65.1	SPECIAL L
265 12 24 20	0	-30.3	SURVEY I SECTORS 11,12	265 13 21 41	-78	-60.1	SPECIAL L
265 12 24 25	-6	-30.3	SURVEY I SECTORS 11,12	265 13 21 46	-72	-60.1	SPECIAL L
265 12 24 30	-12	-30.3	SURVEY I SECTORS 11,12	265 13 21 51	-72	-60.1	SPECIAL L
265 12 24 34	-18	-30.3	SURVEY I SECTORS 11,12	265 13 21 54	-66	-60.1	SPECIAL L
265 12 24 38	-24	-30.3	SURVEY I SECTORS 11,12	265 13 21 59	-60	-60.1	SPECIAL L
265 12 24 43	-27	-25.3	SURVEY I SECTORS 11,12	265 13 23 17	-57	-60.1	SPECIAL L
265 12 25 04	-27	-25.3	SURVEY I SECTORS 11,12	265 13 24 40	-54	-60.1	SPECIAL L
265 12 25 15	-21	-25.3	SURVEY I SECTORS 11,12	265 13 24 45	-48	-60.1	SPECIAL L
265 12 25 19	-15	-25.3	SURVEY I SECTORS 11,12	265 13 24 49	-42	-60.1	SPECIAL L
265 12 25 24	-9	-25.3	SURVEY I SECTORS 11,12	265 13 24 53	-45	-55.2	SPECIAL L
265 12 25 29	-3	-25.3	SURVEY I SECTORS 11,12	265 13 24 58	-51	-55.2	SPECIAL L
265 12 25 33	0	-20.3	SURVEY I SECTORS 11,12	265 13 25 03	-54	-55.2	SPECIAL L
265 12 25 37	-6	-20.3	SURVEY I SECTORS 11,12	265 13 25 07	-57	-55.2	SPECIAL L
265 12 25 42	-12	-20.3	SURVEY I SECTORS 11,12	265 13 25 12	-60	-55.2	SPECIAL L
265 12 25 47	-18	-20.3	SURVEY I SECTORS 11,12	265 13 25 16	-63	-55.2	SPECIAL L
265 12 25 52	-24	-20.3	SURVEY I SECTORS 11,12	265 13 25 20	-66	-55.2	SPECIAL L
265 12 25 56	-27	-15.3	SURVEY I SECTORS 11,12	265 13 25 25	-69	-55.2	SPECIAL L
265 12 26 19	-27	-15.3	SURVEY I SECTORS 11,12	265 13 25 30	-72	-55.2	SPECIAL L
265 12 26 29	-21	-15.3	SURVEY I SECTORS 11,12	265 13 25 34	-75	-55.2	SPECIAL L
265 12 26 34	-15	-15.3	SURVEY I SECTORS 11,12	265 13 25 38	-72	-50.2	SPECIAL L
265 12 26 37	-9	-15.3	SURVEY I SECTORS 11,12	265 13 25 43	-66	-50.2	SPECIAL L
265 12 26 42	-3	-15.3	SURVEY I SECTORS 11,12	265 13 25 48	-60	-50.2	SPECIAL L
265 12 26 49	0	-10.5	SURVEY I SECTORS 11,12	265 13 25 53	-54	-50.2	SPECIAL L
265 12 26 54	-6	-10.5	SURVEY I SECTORS 11,12	265 13 25 56	-48	-50.2	SPECIAL L
265 12 26 58	-12	-10.5	SURVEY I SECTORS 11,12	265 13 26 50	39	-55.2	SPECIAL L
265 12 27 03	-18	-10.5	SURVEY I SECTORS 11,12	265 13 29 14	39	-55.2	SPECIAL L
265 12 27 08	-24	-10.5	SURVEY I SECTORS 11,12	265 13 29 40	45	-55.2	SPECIAL L
265 12 27 14	-27	-5.6	SURVEY I SECTORS 11,12	265 13 30 00	45	-55.2	SPECIAL L
265 12 27 36	-27	-5.6	SURVEY I SECTORS 11,12	265 13 30 31	42	-50.2	SPECIAL L
265 12 27 49	-21	-5.6	SURVEY I SECTORS 11,12	265 13 30 51	42	-50.2	SPECIAL L
265 12 27 53	-15	-5.6	SURVEY I SECTORS 11,12	265 13 31 25	33	-55.2	SPECIAL L
265 12 27 58	-9	-5.6	SURVEY I SECTORS 11,12	265 13 31 57	33	-45.3	SPECIAL L
265 12 28 03	-3	-5.6	SURVEY I SECTORS 11,12	265 13 32 19	36	29.2	SPECIAL L
265 12 28 07	0	-0.7	SURVEY I SECTORS 11,12	265 13 32 57	39	-55.2	SPECIAL L
265 12 28 11	-6	-0.7	SURVEY I SECTORS 11,12	265 13 35 13	81	-45.3	SPECIAL L
265 12 28 16	-12	-0.7	SURVEY I SECTORS 11,12	265 13 36 07	81	-45.3	SPECIAL L
265 12 28 20	-18	-0.7	SURVEY I SECTORS 11,12	265 13 36 49	81	-45.3	SPECIAL L
265 12 28 25	-24	-0.7	SURVEY I SECTORS 11,12	265 13 37 26	90	-45.3	SPECIAL L
265 12 28 30	-27	4.3	SURVEY I SECTORS 11,12	265 13 37 30	90	-45.3	SPECIAL L
265 12 28 34	-21	4.3	SURVEY I SECTORS 11,12	265 13 37 35	93	-45.3	SPECIAL L
265 12 28 38	-15	4.3	SURVEY I SECTORS 11,12	265 13 37 40	96	-45.3	SPECIAL L
265 12 29 03	-15	4.3	SURVEY I SECTORS 11,12	265 13 37 44	99	-45.3	SPECIAL L
265 12 29 14	-9	4.3	SURVEY I SECTORS 11,12	265 13 37 48	99	-50.2	SPECIAL L
265 12 29 19	-3	4.3	SURVEY I SECTORS 11,12	265 13 37 53	96	-50.2	SPECIAL L
265 12 29 24	0	9.3	SURVEY I SECTORS 11,12	265 13 37 58	93	-50.2	SPECIAL L
265 12 29 46	0	9.3	SURVEY I SECTORS 11,12	265 13 38 02	90	-50.2	SPECIAL L
265 12 29 56	-6	9.3	SURVEY I SECTORS 11,12	265 13 38 07	87	-50.2	SPECIAL L
265 12 30 00	-12	9.3	SURVEY I SECTORS 11,12	265 13 38 11	84	-50.2	SPECIAL L
265 12 30 22	-12	9.3	SURVEY I SECTORS 11,12	265 13 38 15	81	-50.2	SPECIAL L
265 12 30 31	-18	9.3	SURVEY I SECTORS 11,12	265 13 38 20	78	-50.2	SPECIAL L
265 12 30 36	-24	9.3	SURVEY I SECTORS 11,12	265 13 38 25	75	-50.2	SPECIAL L
265 12 30 41	-27	14.4	SURVEY I SECTORS 11,12	265 13 38 32	90	-55.2	SPECIAL L
265 12 31 03	-27	14.4	SURVEY I SECTORS 11,12	265 13 38 37	93	-55.2	SPECIAL L
265 12 31 12	-21	14.4	SURVEY I SECTORS 11,12	265 13 38 42	96	-55.2	SPECIAL L
265 12 31 17	-15	14.4	SURVEY I SECTORS 11,12	265 13 38 45	99	-55.2	SPECIAL L
265 12 31 22	-9	14.4	SURVEY I SECTORS 11,12	265 13 42 55	126	-25.3	SPECIAL L
265 12 31 47	-9	14.4	SURVEY I SECTORS 11,12	265 13 43 06	129	-25.3	SPECIAL L
265 12 31 59	-3	14.4	SURVEY I SECTORS 11,12	265 13 43 10	129	-20.3	SPECIAL L
265 12 32 45	0	19.4	SURVEY I SECTORS 11,12	265 13 43 15	126	-20.3	SPECIAL L
265 12 35 40	0	19.4	SURVEY I SECTORS 11,12	265 13 44 00	126	-20.3	SPECIAL L
265 12 36 32	-6	19.4	SURVEY I SECTORS 11,12	265 13 44 27	126	-15.3	SPECIAL L
265 12 36 55	-12	19.4	SURVEY I SECTORS 11,12	265 13 44 32	129	-15.3	SPECIAL L
265 12 37 17	-18	19.4	SURVEY I SECTORS 11,12	265 13 45 12	87	-15.3	SPECIAL L
265 12 37 36	-24	19.4	SURVEY I SECTORS 11,12	265 13 45 34	87	-15.3	SPECIAL L
265 12 38 23	-30	19.4	SURVEY I SECTORS 11,12	265 13 45 59	81	-15.3	SPECIAL L
265 12 38 59	-15	24.3	SURVEY I SECTORS 11,12	265 13 46 04	75	-15.3	SPECIAL L
265 12 39 18	-9	24.3	SURVEY I SECTORS 11,12	265 13 46 08	69	-15.3	SPECIAL L
265 12 39 38	-3	24.3	SURVEY I SECTORS 11,12	265 13 46 12	72	-20.3	SPECIAL L
265 12 41 05	3	-65.1	SURVEY I SECTORS 11,12	265 13 46 17	75	-20.3	SPECIAL L
265 12 41 54	3	-65.1	SURVEY I SECTORS 11,12	265 13 46 22	78	-20.3	SPECIAL L
265 13 17 43	-54	-55.2	SPECIAL L	265 13 46 26	81	-20.3	SPECIAL L
265 13 19 15	-54	-55.2	SPECIAL L	265 13 46 30	84	-20.3	SPECIAL L
265 13 19 20	-66	-55.2	SPECIAL L	265 13 46 35	81	-25.3	SPECIAL L

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
265 13 46 40	78	-25.3	SPECIAL L	265 14 29 28	-54	-0.7	SHADOW PROGRESSION F
265 13 46 45	75	-25.3	SPECIAL L	265 14 29 33	-54	-0.7	SHADOW PROGRESSION F
265 13 46 48	72	-25.3	SPECIAL L	265 14 30 16	-51	-5.6	SHADOW PROGRESSION F
265 13 46 53	69	-25.3	SPECIAL L	265 14 30 21	-51	-5.6	SHADOW PROGRESSION F
265 13 47 40	75	-25.3	SPECIAL L	265 14 30 51	-57	-5.6	SHADOW PROGRESSION F
265 13 48 06	81	-25.3	SPECIAL L	265 14 30 56	-57	-5.6	SHADOW PROGRESSION F
265 13 48 13	78	-20.3	SPECIAL L	265 14 31 43	-63	-5.6	SHADOW PROGRESSION F
265 13 48 43	51	-5.6	SPECIAL L	265 14 31 49	-63	-5.6	SHADOW PROGRESSION F
265 13 50 21	-216	-15.3	SPECIAL L	265 14 32 22	-69	-5.6	SHADOW PROGRESSION F
265 13 54 15	-216	-20.3	SPECIAL L	265 14 32 28	-69	-5.6	SHADOW PROGRESSION F
265 13 54 19	-216	-25.3	SPECIAL L	265 14 33 07	-66	-10.5	SHADOW PROGRESSION F
265 13 54 24	-219	-25.3	SPECIAL L	265 14 33 14	-66	-10.5	SHADOW PROGRESSION F
265 13 54 47	-210	-45.3	SPECIAL L	265 14 33 57	-60	-10.5	SHADOW PROGRESSION F
265 13 55 09	-213	-45.3	SPECIAL L	265 14 34 03	-60	-10.5	SHADOW PROGRESSION F
265 13 55 14	-216	-45.3	SPECIAL L	265 14 34 40	-54	-10.5	SHADOW PROGRESSION F
265 13 55 18	-216	-50.2	SPECIAL L	265 14 34 46	-54	-10.5	SHADOW PROGRESSION F
265 13 55 22	-213	-50.2	SPECIAL L	265 14 35 18	-48	-10.5	SHADOW PROGRESSION F
265 13 55 27	-210	-50.2	SPECIAL L	265 14 35 24	-48	-10.5	SHADOW PROGRESSION F
265 13 55 32	-207	-50.2	SPECIAL L	265 14 36 03	-45	-15.3	SHADOW PROGRESSION F
265 13 55 36	-204	-50.2	SPECIAL L	265 14 36 10	-45	-15.3	SHADOW PROGRESSION F
265 13 55 40	-201	-50.2	SPECIAL L	265 14 36 40	-51	-15.3	SHADOW PROGRESSION F
265 13 55 45	-201	-55.2	SPECIAL L	265 14 36 44	-51	-15.3	SHADOW PROGRESSION F
265 13 55 50	-204	-55.2	SPECIAL L	265 14 37 18	-57	-15.3	SHADOW PROGRESSION F
265 13 55 53	-207	-55.2	SPECIAL L	265 14 37 23	-57	-15.3	SHADOW PROGRESSION F
265 13 55 58	-210	-55.2	SPECIAL L	265 14 37 57	-63	-15.3	SHADOW PROGRESSION F
265 13 56 03	-213	-55.2	SPECIAL L	265 14 38 03	-63	-15.3	SHADOW PROGRESSION F
265 13 56 08	-216	-55.2	SPECIAL L	265 14 38 43	-60	-20.3	SHADOW PROGRESSION F
265 13 57 03	-219	-50.2	SPECIAL L	265 14 38 49	-60	-20.3	SHADOW PROGRESSION F
265 13 57 25	-219	-45.3	SPECIAL L	265 14 39 12	-54	-20.3	SHADOW PROGRESSION F
265 13 57 44	-219	-40.3	SPECIAL L	265 14 39 16	-54	-20.3	SHADOW PROGRESSION F
265 13 58 00	-216	-40.3	SPECIAL L	265 14 39 50	-54	-20.3	SHADOW PROGRESSION F
265 13 58 12	-213	-40.3	SPECIAL L	265 14 39 56	-48	-20.3	SHADOW PROGRESSION F
265 13 59 00	-216	-55.2	SPECIAL L	265 14 41 14	-60	-60.1	SHADOW PROGRESSION F
265 14 00 14	-204	-50.2	SPECIAL L	265 14 41 19	-60	-60.1	SHADOW PROGRESSION F
265 14 00 45	-204	-30.3	SPECIAL L	265 14 42 16	-60	-60.1	SHADOW PROGRESSION F
265 14 01 10	-204	-35.3	SPECIAL L	265 14 48 59	126	-70.1	W/A AT EL-70 B
265 14 01 44	-216	-55.2	SPECIAL L	265 14 49 53	108	-70.1	W/A AT EL-70 B
265 14 02 37	-174	-50.2	SPECIAL L	265 14 50 17	90	-70.1	W/A AT EL-70 B
265 14 03 17	-174	-45.3	SPECIAL L	265 14 50 40	72	-70.1	W/A AT EL-70 B
265 14 03 42	-168	-45.3	SPECIAL L	265 14 51 04	54	-70.1	W/A AT EL-70 B
265 14 03 48	-174	-40.3	SPECIAL L	265 14 51 23	36	-70.1	W/A AT EL-70 B
265 14 03 53	-168	-40.3	SPECIAL L	265 14 51 41	18	-70.1	W/A AT EL-70 B
265 14 03 58	-162	-40.3	SPECIAL L	265 14 52 20	-54	-70.1	W/A AT EL-70 B
265 14 04 01	-156	-40.3	SPECIAL L	265 14 53 03	93	-70.1	W/A AT EL-70 B
265 14 04 06	-150	-40.3	SPECIAL L	265 14 53 25	-90	-70.1	W/A AT EL-70 B
265 14 04 11	-153	-35.3	SPECIAL L	265 14 53 45	-108	-70.1	W/A AT EL-70 B
265 14 04 16	-159	-35.3	SPECIAL L	265 14 54 05	-126	-70.1	W/A AT EL-70 B
265 14 04 21	-165	-35.3	SPECIAL L	265 14 54 23	-144	-70.1	W/A AT EL-70 B
265 14 04 25	-171	-35.3	SPECIAL L	265 14 54 43	-144	-70.1	W/A AT EL-70 B
265 14 04 29	-177	-35.3	SPECIAL L	265 14 55 07	-162	-70.1	W/A AT EL-70 B
265 14 04 35	-180	-30.3	SPECIAL L	265 14 55 30	-180	-70.1	W/A AT EL-70 B
265 14 04 40	-174	-30.3	SPECIAL L	265 14 55 57	-198	-70.1	W/A AT EL-70 B
265 14 04 45	-168	-30.3	SPECIAL L	265 14 56 18	-216	-70.1	W/A AT EL-70 B
265 14 06 19	-195	-60.1	MIRROR L	265 14 58 09	3	-65.1	SURVEY J SECTORS 13,14
265 14 07 41	-195	-40.3	MIRROR L	265 14 59 18	3	-65.1	SURVEY J SECTORS 13,14
265 14 08 25	-201	-40.3	MIRROR L	265 14 59 47	9	-65.1	SURVEY J SECTORS 13,14
265 14 08 30	-207	-40.3	MIRROR L	265 14 59 52	15	-65.1	SURVEY J SECTORS 13,14
265 14 08 35	-213	-40.3	MIRROR L	265 14 59 55	21	-65.1	SURVEY J SECTORS 13,14
265 14 08 49	-213	-40.3	MIRROR L	265 15 00 00	27	-65.1	SURVEY J SECTORS 13,14
265 14 08 53	-213	-35.3	MIRROR L	265 15 00 05	30	-60.1	SURVEY J SECTORS 13,14
265 14 08 58	-210	-35.3	MIRROR L	265 15 00 08	24	-60.1	SURVEY J SECTORS 13,14
265 14 09 02	-207	-35.3	MIRROR L	265 15 00 13	18	-60.1	SURVEY J SECTORS 13,14
265 14 09 07	-204	-35.3	MIRROR L	265 15 00 18	12	-60.1	SURVEY J SECTORS 13,14
265 14 09 11	-201	-35.3	MIRROR L	265 15 00 23	6	-60.1	SURVEY J SECTORS 13,14
265 14 09 16	-198	-40.3	MIRROR L	265 15 00 27	3	-55.2	SURVEY J SECTORS 13,14
265 14 09 22	-201	-40.3	MIRROR L	265 15 00 31	9	-55.2	SURVEY J SECTORS 13,14
265 14 09 29	-204	-40.3	MIRROR L	265 15 00 36	15	-55.2	SURVEY J SECTORS 13,14
265 14 09 35	-207	-40.3	MIRROR L	265 15 00 41	21	-55.2	SURVEY J SECTORS 13,14
265 14 09 41	-210	-40.3	MIRROR L	265 15 00 45	27	-55.2	SURVEY J SECTORS 13,14
265 14 09 47	-210	-45.3	MIRROR L	265 15 00 49	30	-50.2	SURVEY J SECTORS 13,14
265 14 09 52	-207	-45.3	MIRROR L	265 15 00 54	24	-50.2	SURVEY J SECTORS 13,14
265 14 09 57	-204	-45.3	MIRROR L	265 15 00 59	18	-50.2	SURVEY J SECTORS 13,14
265 14 10 00	-201	-45.3	MIRROR L	265 15 01 03	12	-50.2	SURVEY J SECTORS 13,14
265 14 10 05	-198	-45.3	MIRROR L	265 15 01 08	6	-50.2	SURVEY J SECTORS 13,14
265 14 10 10	-195	-45.3	MIRROR L	265 15 01 12	3	-45.3	SURVEY J SECTORS 13,14
265 14 21 33	-60	-60.1	SHADOW PROGRESSION F	265 15 01 16	9	-45.3	SURVEY J SECTORS 13,14
265 14 22 11	-60	-60.1	SHADOW PROGRESSION F	265 15 01 21	15	-45.3	SURVEY J SECTORS 13,14
265 14 23 33	-48	-20.3	SHADOW PROGRESSION F	265 15 01 26	21	-45.3	SURVEY J SECTORS 13,14
265 14 23 56	-69	29.2	SHADOW PROGRESSION F	265 15 01 30	27	-45.3	SURVEY J SECTORS 13,14
265 14 24 27	-69	29.2	SHADOW PROGRESSION F	265 15 01 35	30	-40.3	SURVEY J SECTORS 13,14
265 14 24 50	-51	-5.6	SHADOW PROGRESSION F	265 15 01 39	24	-40.3	SURVEY J SECTORS 13,14
265 14 26 25	-51	4.3	SHADOW PROGRESSION F	265 15 01 44	18	-40.3	SURVEY J SECTORS 13,14
265 14 26 42	-51	4.3	SHADOW PROGRESSION F	265 15 01 49	12	-40.3	SURVEY J SECTORS 13,14
265 14 27 19	-57	4.3	SHADOW PROGRESSION F	265 15 01 52	6	-40.3	SURVEY J SECTORS 13,14
265 14 27 25	-57	4.3	SHADOW PROGRESSION F	265 15 01 58	3	-35.3	SURVEY J SECTORS 13,14
265 14 27 53	-66	-0.7	SHADOW PROGRESSION F	265 15 02 03	9	-35.3	SURVEY J SECTORS 13,14
265 14 27 58	-66	-0.7	SHADOW PROGRESSION F	265 15 02 08	15	-35.3	SURVEY J SECTORS 13,14
265 14 28 42	-60	-0.7	SHADOW PROGRESSION F	265 15 02 11	21	-35.3	SURVEY J SECTORS 13,14
265 14 28 48	-63	-0.7	SHADOW PROGRESSION F	265 15 02 16	27	-35.3	SURVEY J SECTORS 13,14

SURVEYOR 5 TELEVISION PICTURE DATA

453

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
265 15 02 21	30	-30.3	SURVEY J SECTORS 13,14	265 15 15 24	33	-45.3	SURVEY J SECTORS 13,14
265 15 02 26	24	-30.3	SURVEY J SECTORS 13,14	265 15 15 28	39	-45.3	SURVEY J SECTORS 15,16
265 15 02 30	18	-30.3	SURVEY J SECTORS 13,14	265 15 15 33	45	-45.3	SURVEY J SECTORS 15,16
265 15 02 34	12	-30.3	SURVEY J SECTORS 13,14	265 15 15 37	51	-45.3	SURVEY J SECTORS 15,16
265 15 02 39	6	-30.3	SURVEY J SECTORS 13,14	265 15 15 42	57	-45.3	SURVEY J SECTORS 15,16
265 15 02 44	3	-25.3	SURVEY J SECTORS 13,14	265 15 15 46	60	-40.3	SURVEY J SECTORS 15,16
265 15 04 06	3	-25.3	SURVEY J SECTORS 13,14	265 15 15 51	54	-40.3	SURVEY J SECTORS 15,16
265 15 04 20	9	-25.3	SURVEY J SECTORS 13,14	265 15 15 55	48	-40.3	SURVEY J SECTORS 15,16
265 15 04 25	15	-25.3	SURVEY J SECTORS 13,14	265 15 16 00	42	-40.3	SURVEY J SECTORS 15,16
265 15 04 29	21	-25.3	SURVEY J SECTORS 13,14	265 15 16 05	36	-40.3	SURVEY J SECTORS 13,14
265 15 04 34	27	-25.3	SURVEY J SECTORS 13,14	265 15 16 12	33	-35.3	SURVEY J SECTORS 13,14
265 15 04 39	30	-20.3	SURVEY J SECTORS 13,14	265 15 16 15	39	-35.3	SURVEY J SECTORS 15,16
265 15 04 43	24	-20.3	SURVEY J SECTORS 13,14	265 15 16 20	45	-35.3	SURVEY J SECTORS 15,16
265 15 04 47	18	-20.3	SURVEY J SECTORS 13,14	265 15 16 25	51	-35.3	SURVEY J SECTORS 15,16
265 15 04 52	12	-20.3	SURVEY J SECTORS 13,14	265 15 16 30	57	-35.3	SURVEY J SECTORS 15,16
265 15 04 57	6	-20.3	SURVEY J SECTORS 13,14	265 15 16 34	60	-30.3	SURVEY J SECTORS 15,16
265 15 05 01	3	-15.3	SURVEY J SECTORS 13,14	265 15 16 38	54	-30.3	SURVEY J SECTORS 15,16
265 15 05 06	3	-15.3	SURVEY J SECTORS 13,14	265 15 16 43	48	-30.3	SURVEY J SECTORS 15,16
265 15 05 11	9	-15.3	SURVEY J SECTORS 13,14	265 15 16 48	42	-30.3	SURVEY J SECTORS 15,16
265 15 05 16	15	-15.3	SURVEY J SECTORS 13,14	265 15 16 52	36	-30.3	SURVEY J SECTORS 13,14
265 15 05 21	21	-15.3	SURVEY J SECTORS 13,14	265 15 16 56	33	-25.3	SURVEY J SECTORS 13,14
265 15 05 26	27	-15.3	SURVEY J SECTORS 13,14	265 15 17 00	33	-25.3	SURVEY J SECTORS 13,14
265 15 05 31	30	-10.5	SURVEY J SECTORS 13,14	265 15 17 05	39	-25.3	SURVEY J SECTORS 15,16
265 15 05 36	24	-10.5	SURVEY J SECTORS 13,14	265 15 17 10	45	-25.3	SURVEY J SECTORS 15,16
265 15 05 41	18	-10.5	SURVEY J SECTORS 13,14	265 15 17 15	51	-25.3	SURVEY J SECTORS 15,16
265 15 05 46	12	-10.5	SURVEY J SECTORS 13,14	265 15 17 20	57	-25.3	SURVEY J SECTORS 15,16
265 15 05 51	6	-10.5	SURVEY J SECTORS 13,14	265 15 17 25	60	-20.3	SURVEY J SECTORS 15,16
265 15 05 56	3	-5.6	SURVEY J SECTORS 13,14	265 15 17 30	54	-20.3	SURVEY J SECTORS 15,16
265 15 06 01	3	-5.6	SURVEY J SECTORS 13,14	265 15 17 35	48	-20.3	SURVEY J SECTORS 15,16
265 15 06 06	9	-5.6	SURVEY J SECTORS 13,14	265 15 17 40	42	-20.3	SURVEY J SECTORS 15,16
265 15 06 11	15	-5.6	SURVEY J SECTORS 13,14	265 15 17 45	36	-20.3	SURVEY J SECTORS 13,14
265 15 06 16	21	-5.6	SURVEY J SECTORS 13,14	265 15 17 50	33	-15.3	SURVEY J SECTORS 13,14
265 15 06 21	27	-5.6	SURVEY J SECTORS 13,14	265 15 17 55	39	-15.3	SURVEY J SECTORS 15,16
265 15 06 26	30	-0.7	SURVEY J SECTORS 13,14	265 15 18 00	45	-15.3	SURVEY J SECTORS 15,16
265 15 06 31	24	-0.7	SURVEY J SECTORS 13,14	265 15 18 05	51	-15.3	SURVEY J SECTORS 15,16
265 15 06 36	18	-0.7	SURVEY J SECTORS 13,14	265 15 18 10	57	-15.3	SURVEY J SECTORS 15,16
265 15 06 41	12	-0.7	SURVEY J SECTORS 13,14	265 15 18 15	60	-10.5	SURVEY J SECTORS 15,16
265 15 06 46	6	-0.7	SURVEY J SECTORS 13,14	265 15 18 20	54	-10.5	SURVEY J SECTORS 15,16
265 15 06 51	3	4.3	SURVEY J SECTORS 13,14	265 15 18 25	48	-10.5	SURVEY J SECTORS 15,16
265 15 06 56	3	4.3	SURVEY J SECTORS 13,14	265 15 18 30	42	-10.5	SURVEY J SECTORS 15,16
265 15 07 01	9	4.3	SURVEY J SECTORS 13,14	265 15 18 35	36	-10.5	SURVEY J SECTORS 13,14
265 15 07 06	15	4.3	SURVEY J SECTORS 13,14	265 15 18 40	33	-5.6	SURVEY J SECTORS 13,14
265 15 07 11	21	4.3	SURVEY J SECTORS 13,14	265 15 18 45	39	-5.6	SURVEY J SECTORS 15,16
265 15 07 16	27	4.3	SURVEY J SECTORS 13,14	265 15 18 50	45	-5.6	SURVEY J SECTORS 15,16
265 15 07 21	30	9.3	SURVEY J SECTORS 13,14	265 15 18 55	51	-5.6	SURVEY J SECTORS 15,16
265 15 07 26	24	9.3	SURVEY J SECTORS 13,14	265 15 19 00	57	-5.6	SURVEY J SECTORS 15,16
265 15 07 31	18	9.3	SURVEY J SECTORS 13,14	265 15 19 05	60	-0.7	SURVEY J SECTORS 15,16
265 15 07 36	12	9.3	SURVEY J SECTORS 13,14	265 15 19 10	54	-0.7	SURVEY J SECTORS 15,16
265 15 07 41	6	9.3	SURVEY J SECTORS 13,14	265 15 19 15	48	-0.7	SURVEY J SECTORS 15,16
265 15 07 46	3	14.4	SURVEY J SECTORS 13,14	265 15 19 20	42	-0.7	SURVEY J SECTORS 15,16
265 15 07 51	3	14.4	SURVEY J SECTORS 13,14	265 15 19 25	36	-0.7	SURVEY J SECTORS 13,14
265 15 07 56	9	14.4	SURVEY J SECTORS 13,14	265 15 19 30	36	-0.7	SURVEY J SECTORS 13,14
265 15 08 01	15	14.4	SURVEY J SECTORS 13,14	265 15 19 35	33	4.3	SURVEY J SECTORS 13,14
265 15 08 06	21	14.4	SURVEY J SECTORS 13,14	265 15 19 40	39	4.3	SURVEY J SECTORS 15,16
265 15 08 11	27	14.4	SURVEY J SECTORS 13,14	265 15 19 45	45	4.3	SURVEY J SECTORS 15,16
265 15 08 16	30	19.4	SURVEY J SECTORS 13,14	265 15 19 50	51	4.3	SURVEY J SECTORS 15,16
265 15 08 21	24	19.4	SURVEY J SECTORS 13,14	265 15 19 55	57	4.3	SURVEY J SECTORS 15,16
265 15 08 26	18	19.4	SURVEY J SECTORS 13,14	265 15 20 00	60	9.3	SURVEY J SECTORS 15,16
265 15 08 31	12	19.4	SURVEY J SECTORS 13,14	265 15 20 05	54	9.3	SURVEY J SECTORS 15,16
265 15 08 36	6	19.4	SURVEY J SECTORS 13,14	265 15 20 10	48	9.3	SURVEY J SECTORS 15,16
265 15 08 41	3	24.3	SURVEY J SECTORS 13,14	265 15 20 15	42	9.3	SURVEY J SECTORS 15,16
265 15 08 46	3	24.3	SURVEY J SECTORS 13,14	265 15 20 20	36	14.4	SURVEY J SECTORS 13,14
265 15 08 51	9	24.3	SURVEY J SECTORS 13,14	265 15 20 25	39	14.4	SURVEY J SECTORS 15,16
265 15 08 56	15	24.3	SURVEY J SECTORS 13,14	265 15 20 30	45	14.4	SURVEY J SECTORS 15,16
265 15 09 01	21	24.3	SURVEY J SECTORS 13,14	265 15 20 35	51	14.4	SURVEY J SECTORS 15,16
265 15 09 06	27	24.3	SURVEY J SECTORS 13,14	265 15 20 40	57	14.4	SURVEY J SECTORS 15,16
265 15 09 11	33	-65.1	SURVEY J SECTORS 13,14	265 15 20 45	60	19.4	SURVEY J SECTORS 15,16
265 15 09 16	33	-65.1	SURVEY J SECTORS 13,14	265 15 20 50	54	19.4	SURVEY J SECTORS 15,16
265 15 09 21	33	-65.1	SURVEY J SECTORS 13,14	265 15 20 55	48	19.4	SURVEY J SECTORS 15,16
265 15 09 26	39	-65.1	SURVEY J SECTORS 15,16	265 15 21 00	42	19.4	SURVEY J SECTORS 15,16
265 15 09 31	45	-65.1	SURVEY J SECTORS 15,16	265 15 21 05	36	19.4	SURVEY J SECTORS 13,14
265 15 09 36	51	-65.1	SURVEY J SECTORS 15,16	265 15 21 10	33	24.3	SURVEY J SECTORS 13,14
265 15 09 41	57	-65.1	SURVEY J SECTORS 15,16	265 15 21 15	39	24.3	SURVEY J SECTORS 15,16
265 15 09 46	60	-60.1	SURVEY J SECTORS 15,16	265 15 21 20	45	24.3	SURVEY J SECTORS 15,16
265 15 09 51	54	-60.1	SURVEY J SECTORS 15,16	265 15 21 25	51	24.3	SURVEY J SECTORS 15,16
265 15 09 56	48	-60.1	SURVEY J SECTORS 15,16	265 15 21 30	57	24.3	SURVEY J SECTORS 15,16
265 15 10 01	42	-60.1	SURVEY J SECTORS 15,16	265 15 21 35	60	29.2	SURVEY J SECTORS 15,16
265 15 10 06	36	-60.1	SURVEY J SECTORS 13,14	265 15 21 40	48	29.2	SURVEY J SECTORS 13,14
265 15 10 11	33	-55.2	SURVEY J SECTORS 13,14	265 15 21 45	42	29.2	SURVEY J SECTORS 13,14
265 15 10 16	39	-55.2	SURVEY J SECTORS 15,16	265 15 21 50	36	29.2	SURVEY J SECTORS 13,14
265 15 10 21	45	-55.2	SURVEY J SECTORS 15,16	265 15 21 55	30	29.2	SURVEY J SECTORS 13,14
265 15 10 26	51	-55.2	SURVEY J SECTORS 15,16	265 15 22 00	24	29.2	SURVEY J SECTORS 13,14
265 15 10 31	57	-55.2	SURVEY J SECTORS 15,16	265 15 22 05	18	29.2	SURVEY J SECTORS 13,14
265 15 10 36	60	-50.2	SURVEY J SECTORS 15,16	265 15 22 10			
265 15 10 41	54	-50.2	SURVEY J SECTORS 15,16				
265 15 10 46	48	-50.2	SURVEY J SECTORS 15,16				
265 15 10 51	42	-50.2	SURVEY J SECTORS 15,16				
265 15 10 56	36	-50.2	SURVEY J SECTORS 13,14				

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
265 15 31 28	12	29.2	SURVEY J SECTORS 13,14	265 15 44 57	72	-0.7	SURVEY J SECTORS 15,16
265 15 31 39	6	29.2	SURVEY J SECTORS 13,14	265 15 45 02	66	-0.7	SURVEY J SECTORS 15,16
265 15 31 51	0	29.2	SURVEY J SECTORS 13,14	265 15 45 07	63	4.3	SURVEY J SECTORS 15,16
265 15 32 31	60	29.2	SURVEY J SECTORS 15,16	265 15 45 26	63	4.3	SURVEY J SECTORS 15,16
265 15 33 40	63	-65.1	SURVEY J SECTORS 15,16	265 15 45 38	69	4.3	SURVEY J SECTORS 15,16
265 15 34 21	63	-65.1	SURVEY J SECTORS 15,16	265 15 45 43	75	4.3	SURVEY J SECTORS 17,18
265 15 34 58	69	-65.1	SURVEY J SECTORS 15,16	265 15 45 48	81	4.3	SURVEY J SECTORS 17,18
265 15 35 03	75	-65.1	SURVEY J SECTORS 17,18	265 15 45 51	87	4.3	SURVEY J SECTORS 17,18
265 15 35 06	81	-65.1	SURVEY J SECTORS 17,18	265 15 45 56	93	4.3	SURVEY J SECTORS 17,18
265 15 35 11	87	-65.1	SURVEY J SECTORS 17,18	265 15 46 01	96	9.3	SURVEY J SECTORS 17,18
265 15 35 16	93	-65.1	SURVEY J SECTORS 17,18	265 15 46 06	90	9.3	SURVEY J SECTORS 17,18
265 15 35 20	96	-60.1	SURVEY J SECTORS 17,18	265 15 46 11	84	9.3	SURVEY J SECTORS 17,18
265 15 35 25	90	-60.1	SURVEY J SECTORS 17,18	265 15 46 14	78	9.3	SURVEY J SECTORS 17,18
265 15 35 29	84	-60.1	SURVEY J SECTORS 17,18	265 15 46 19	72	9.3	SURVEY J SECTORS 15,16
265 15 35 34	78	-60.1	SURVEY J SECTORS 17,18	265 15 46 24	66	9.3	SURVEY J SECTORS 15,16
265 15 35 38	72	-60.1	SURVEY J SECTORS 15,16	265 15 46 29	63	14.4	SURVEY J SECTORS 15,16
265 15 35 43	66	-60.1	SURVEY J SECTORS 15,16	265 15 46 57	63	14.4	SURVEY J SECTORS 15,16
265 15 35 47	63	-55.2	SURVEY J SECTORS 15,16	265 15 47 18	69	14.4	SURVEY J SECTORS 15,16
265 15 35 52	69	-55.2	SURVEY J SECTORS 15,16	265 15 47 23	75	14.4	SURVEY J SECTORS 17,18
265 15 35 56	75	-55.2	SURVEY J SECTORS 17,18	265 15 47 27	81	14.4	SURVEY J SECTORS 17,18
265 15 36 01	81	-55.2	SURVEY J SECTORS 17,18	265 15 47 31	87	14.4	SURVEY J SECTORS 17,18
265 15 36 06	87	-55.2	SURVEY J SECTORS 17,18	265 15 48 02	87	14.4	SURVEY J SECTORS 17,18
265 15 36 10	93	-55.2	SURVEY J SECTORS 17,18	265 16 10 04	87	14.4	SURVEY J SECTORS 17,18
265 15 36 14	96	-50.2	SURVEY J SECTORS 17,18	265 16 10 31	90	19.4	SURVEY J SECTORS 17,18
265 15 36 19	90	-50.2	SURVEY J SECTORS 17,18	265 16 10 34	84	19.4	SURVEY J SECTORS 17,18
265 15 36 24	84	-50.2	SURVEY J SECTORS 17,18	265 16 10 39	78	19.4	SURVEY J SECTORS 17,18
265 15 36 27	78	-50.2	SURVEY J SECTORS 17,18	265 16 10 44	72	19.4	SURVEY J SECTORS 15,16
265 15 36 32	72	-50.2	SURVEY J SECTORS 15,16	265 16 10 49	66	19.4	SURVEY J SECTORS 15,16
265 15 36 37	66	-50.2	SURVEY J SECTORS 15,16	265 16 10 52	60	19.4	SURVEY J SECTORS 15,16
265 15 36 42	63	-45.3	SURVEY J SECTORS 15,16	265 16 10 57	57	24.3	SURVEY J SECTORS 15,16
265 15 36 45	69	-45.3	SURVEY J SECTORS 15,16	265 16 11 02	63	24.3	SURVEY J SECTORS 15,16
265 15 36 50	75	-45.3	SURVEY J SECTORS 17,18	265 16 11 07	69	24.3	SURVEY J SECTORS 15,16
265 15 36 55	81	-45.3	SURVEY J SECTORS 17,18	265 16 11 10	75	24.3	SURVEY J SECTORS 17,18
265 15 37 00	87	-45.3	SURVEY J SECTORS 17,18	265 16 11 15	81	24.3	SURVEY J SECTORS 17,18
265 15 37 03	93	-45.3	SURVEY J SECTORS 17,18	265 16 11 20	87	24.3	SURVEY J SECTORS 17,18
265 15 37 08	96	-40.3	SURVEY J SECTORS 17,18	265 16 11 57	93	-65.1	SURVEY J SECTORS 17,18
265 15 37 13	90	-40.3	SURVEY J SECTORS 17,18	265 16 13 23	93	-65.1	SURVEY J SECTORS 17,18
265 15 37 17	84	-40.3	SURVEY J SECTORS 17,18	265 16 14 04	93	-65.1	SURVEY J SECTORS 17,18
265 15 37 22	78	-40.3	SURVEY J SECTORS 17,18	265 16 14 09	99	-65.1	SURVEY J SECTORS 17,18
265 15 37 26	72	-40.3	SURVEY J SECTORS 15,16	265 16 14 12	105	-65.1	SURVEY J SECTORS 17,18
265 15 37 31	66	-40.3	SURVEY J SECTORS 15,16	265 16 14 17	111	-65.1	SURVEY J SECTOR 19
265 15 37 38	63	-35.3	SURVEY J SECTORS 15,16	265 16 14 22	117	-65.1	SURVEY J SECTOR 19
265 15 37 43	69	-35.3	SURVEY J SECTORS 15,16	265 16 14 27	120	-60.1	SURVEY J SECTOR 19
265 15 37 48	75	-35.3	SURVEY J SECTORS 17,18	265 16 14 30	114	-60.1	SURVEY J SECTOR 19
265 15 37 53	81	-35.3	SURVEY J SECTORS 17,18	265 16 14 35	108	-60.1	SURVEY J SECTORS 17,18
265 15 37 56	87	-35.3	SURVEY J SECTORS 17,18	265 16 14 40	102	-60.1	SURVEY J SECTORS 17,18
265 15 38 01	93	-35.3	SURVEY J SECTORS 17,18	265 16 14 45	96	-60.1	SURVEY J SECTORS 17,18
265 15 38 06	96	-30.3	SURVEY J SECTORS 17,18	265 16 14 48	93	-55.2	SURVEY J SECTORS 17,18
265 15 38 10	90	-30.3	SURVEY J SECTORS 17,18	265 16 14 53	99	-55.2	SURVEY J SECTORS 17,18
265 15 38 15	84	-30.3	SURVEY J SECTORS 17,18	265 16 14 58	105	-55.2	SURVEY J SECTORS 17,18
265 15 38 19	78	-30.3	SURVEY J SECTORS 17,18	265 16 15 03	111	-55.2	SURVEY J SECTOR 19
265 15 38 24	72	-30.3	SURVEY J SECTORS 15,16	265 16 15 06	117	-55.2	SURVEY J SECTOR 19
265 15 38 28	66	-30.3	SURVEY J SECTORS 15,16	265 16 15 11	120	-50.2	SURVEY J SECTOR 19
265 15 38 33	63	-25.3	SURVEY J SECTORS 15,16	265 16 15 16	114	-50.2	SURVEY J SECTOR 19
265 15 41 40	63	-25.3	SURVEY J SECTORS 15,16	265 16 15 20	108	-50.2	SURVEY J SECTORS 17,18
265 15 41 54	69	-25.3	SURVEY J SECTORS 15,16	265 16 15 25	102	-50.2	SURVEY J SECTORS 17,18
265 15 41 59	75	-25.3	SURVEY J SECTORS 17,18	265 16 15 29	96	-50.2	SURVEY J SECTORS 17,18
265 15 42 04	81	-25.3	SURVEY J SECTORS 17,18	265 16 15 34	93	-45.3	SURVEY J SECTORS 17,18
265 15 42 07	87	-25.3	SURVEY J SECTORS 17,18	265 16 15 38	99	-45.3	SURVEY J SECTORS 17,18
265 15 42 12	93	-25.3	SURVEY J SECTORS 17,18	265 16 15 43	105	-45.3	SURVEY J SECTORS 17,18
265 15 42 17	96	-20.3	SURVEY J SECTORS 17,18	265 16 15 47	111	-45.3	SURVEY J SECTOR 19
265 15 42 22	90	-20.3	SURVEY J SECTORS 17,18	265 16 15 52	117	-45.3	SURVEY J SECTOR 19
265 15 42 27	84	-20.3	SURVEY J SECTORS 17,18	265 16 15 56	120	-40.3	SURVEY J SECTOR 19
265 15 42 31	78	-20.3	SURVEY J SECTORS 17,18	265 16 16 01	114	-40.3	SURVEY J SECTOR 19
265 15 42 35	72	-20.3	SURVEY J SECTORS 15,16	265 16 16 06	108	-40.3	SURVEY J SECTORS 17,18
265 15 42 40	66	-20.3	SURVEY J SECTORS 15,16	265 16 16 10	102	-40.3	SURVEY J SECTORS 17,18
265 15 42 45	63	-15.3	SURVEY J SECTORS 15,16	265 16 16 14	96	-40.3	SURVEY J SECTORS 17,18
265 15 43 05	63	-15.3	SURVEY J SECTORS 15,16	265 16 17 07	96	-40.3	SURVEY J SECTORS 17,18
265 15 43 21	69	-15.3	SURVEY J SECTORS 15,16	265 16 19 10	96	-40.3	SURVEY J SECTORS 17,18
265 15 43 24	75	-15.3	SURVEY J SECTORS 17,18	265 16 20 26	96	-40.3	SURVEY J SECTORS 17,18
265 15 43 29	81	-15.3	SURVEY J SECTORS 17,18	265 16 23 53	102	-40.3	SURVEY J SECTORS 17,18
265 15 43 34	87	-15.3	SURVEY J SECTORS 17,18	265 16 24 41	102	-40.3	SURVEY J SECTORS 17,18
265 15 43 39	93	-15.3	SURVEY J SECTORS 17,18	265 16 26 01	102	-40.3	SURVEY J SECTORS 17,18
265 15 43 42	96	-10.5	SURVEY J SECTORS 17,18	265 16 26 12	102	-40.3	SURVEY J SECTORS 17,18
265 15 43 47	90	-10.5	SURVEY J SECTORS 17,18	265 16 27 36	99	-35.3	SURVEY J SECTORS 17,18
265 15 43 52	84	-10.5	SURVEY J SECTORS 17,18	265 16 27 41	105	-35.3	SURVEY J SECTORS 17,18
265 15 43 56	78	-10.5	SURVEY J SECTORS 17,18	265 16 27 45	111	-35.3	SURVEY J SECTOR 19
265 15 44 01	72	-10.5	SURVEY J SECTORS 15,16	265 16 27 49	117	-35.3	SURVEY J SECTOR 19
265 15 44 05	66	-10.5	SURVEY J SECTORS 15,16	265 16 27 54	123	-35.3	SURVEY J SECTOR 19
265 15 44 13	63	-5.6	SURVEY J SECTORS 15,16	265 16 27 59	123	-30.3	SURVEY J SECTOR 19
265 15 44 16	69	-5.6	SURVEY J SECTORS 15,16	265 16 28 03	120	-30.3	SURVEY J SECTOR 19
265 15 44 21	75	-5.6	SURVEY J SECTORS 17,18	265 16 28 07	114	-30.3	SURVEY J SECTOR 19
265 15 44 26	81	-5.6	SURVEY J SECTORS 17,18	265 16 28 12	108	-30.3	SURVEY J SECTORS 17,18
265 15 44 31	87	-5.6	SURVEY J SECTORS 17,18	265 16 28 16	102	-30.3	SURVEY J SECTORS 17,18
265 15 44 34	93	-5.6	SURVEY J SECTORS 17,18	265 16 28 21	99	-25.3	SURVEY J SECTORS 17,18
265 15 44 39	96	-0.7	SURVEY J SECTORS 17,18	265 16 28 25	105	-25.3	SURVEY J SECTORS 17,18
265 15 44 44	90	-0.7	SURVEY J SECTORS 17,18	265 16 28 30	111	-25.3	SURVEY J SECTOR 19
265 15 44 49	84	-0.7	SURVEY J SECTORS 17,18	265 16 28 34	117	-25.3	SURVEY J SECTOR 19
265 15 44 52	78	-0.7	SURVEY J SECTORS 17,18	265 16 28 39	123	-25.3	SURVEY J SECTOR 19

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
265 16 28 44	126	-20.3	SURVEY J SECTOR 19	265 17 58 03	-54	-20.3	SHADOW PROGRESSION G
265 16 28 48	120	-20.3	SURVEY J SECTOR 19	265 17 59 14	-48	-20.3	SHADOW PROGRESSION G
265 16 28 53	114	-20.3	SURVEY J SECTOR 19	265 17 59 20	-48	-20.3	SHADOW PROGRESSION G
265 16 28 57	108	-20.3	SURVEY J SECTORS 17,18	265 18 01 01	-60	-60.1	SHADOW PROGRESSION G
265 16 29 02	102	-20.3	SURVEY J SECTORS 17,18	265 18 01 07	-60	-60.1	SHADOW PROGRESSION G
265 16 29 06	99	-15.3	SURVEY J SECTORS 17,18	265 18 02 42	-60	-60.1	SHADOW PROGRESSION G
265 16 29 11	105	-15.3	SURVEY J SECTORS 17,18	265 18 05 11	-60	-60.1	SHADOW PROGRESSION G
265 16 29 15	111	-15.3	SURVEY J SECTOR 19	265 18 06 25	-195	-40.3	MIRROR M
265 16 29 20	117	-15.3	SURVEY J SECTOR 19	265 18 09 31	-195	-40.3	MIRROR M
265 16 29 25	123	-15.3	SURVEY J SECTOR 19	265 18 10 40	-192	-35.3	MIRROR M
265 16 29 38	126	-10.5	SURVEY J SECTOR 19	265 18 10 45	-198	-35.3	MIRROR M
265 16 29 43	120	-10.5	SURVEY J SECTOR 19	265 18 10 48	-204	-35.3	MIRROR M
265 16 29 47	114	-10.5	SURVEY J SECTOR 19	265 18 10 53	-210	-35.3	MIRROR M
265 16 29 51	108	-10.5	SURVEY J SECTORS 17,18	265 18 10 58	-216	-35.3	MIRROR M
265 16 29 56	102	-10.5	SURVEY J SECTORS 17,18	265 18 11 03	-219	-35.3	MIRROR M
265 16 30 01	99	-5.6	SURVEY J SECTORS 17,18	265 18 11 06	-219	-30.3	MIRROR M
265 16 30 05	105	-5.6	SURVEY J SECTORS 17,18	265 18 11 11	-216	-30.3	MIRROR M
265 16 30 09	111	-5.6	SURVEY J SECTOR 19	265 18 11 16	-210	-30.3	MIRROR M
265 16 30 14	117	-5.6	SURVEY J SECTOR 19	265 18 11 20	-204	-30.3	MIRROR M
265 16 30 19	123	-5.6	SURVEY J SECTOR 19	265 18 11 24	-198	-30.3	MIRROR M
265 16 30 25	126	-0.7	SURVEY J SECTOR 19	265 18 11 29	-192	-30.3	MIRROR M
265 16 30 28	120	-0.7	SURVEY J SECTOR 19	265 18 11 34	-189	-25.3	MIRROR M
265 16 30 33	114	-0.7	SURVEY J SECTOR 19	265 18 11 38	-195	-25.3	MIRROR M
265 16 30 38	108	-0.7	SURVEY J SECTORS 17,18	265 18 11 42	-201	-25.3	MIRROR M
265 16 30 43	102	-0.7	SURVEY J SECTORS 17,18	265 18 11 47	-207	-25.3	MIRROR M
265 16 30 48	99	4.3	SURVEY J SECTORS 17,18	265 18 11 52	-213	-25.3	MIRROR M
265 16 30 52	105	4.3	SURVEY J SECTORS 17,18	265 18 11 56	-219	-25.3	MIRROR M
265 16 33 23	105	4.3	SURVEY J SECTORS 17,18	265 18 12 01	-222	-20.3	MIRROR M
265 16 33 44	111	4.3	SURVEY J SECTOR 19	265 18 12 05	-216	-20.3	MIRROR M
265 16 33 48	117	4.3	SURVEY J SECTOR 19	265 18 15 01	-216	-20.3	MIRROR M
265 16 33 53	123	4.3	SURVEY J SECTOR 19	265 18 15 12	-216	-20.3	MIRROR M
265 16 33 57	126	9.3	SURVEY J SECTOR 19	265 18 15 23	-216	-20.3	MIRROR M
265 16 34 02	120	9.3	SURVEY J SECTOR 19	265 18 17 12	-189	-20.3	MIRROR M
265 16 34 07	114	9.3	SURVEY J SECTOR 19	265 18 17 23	-189	-20.3	MIRROR M
265 16 34 11	108	9.3	SURVEY J SECTORS 17,18	265 18 18 17	-189	-20.3	MIRROR M
265 16 34 15	102	9.3	SURVEY J SECTORS 17,18	265 18 21 11	-195	-40.3	MIRROR M
265 16 34 20	99	14.4	SURVEY J SECTORS 17,18	265 18 21 17	-195	-40.3	MIRROR M
265 16 34 25	105	14.4	SURVEY J SECTORS 17,18	265 18 22 39	-195	-40.3	MIRROR M
265 16 34 29	111	14.4	SURVEY J SECTOR 19	265 18 23 29	-201	-40.3	MIRROR M
265 16 34 33	117	14.4	SURVEY J SECTOR 19	265 18 23 34	-207	-40.3	MIRROR M
265 16 34 38	123	14.4	SURVEY J SECTOR 19	265 18 23 38	-213	-40.3	MIRROR M
265 16 35 33	63	-65.1	SURVEY J SECTOR 19	265 18 24 23	-213	-40.3	MIRROR M
265 16 36 00	3	-65.1	SURVEY J SECTOR 19	265 18 24 28	-213	-35.3	MIRROR M
265 16 36 35	-60	-60.1	SURVEY J SECTOR 19	265 18 24 32	-210	-35.3	MIRROR M
265 16 38 51	-60	-65.1	SURVEY J SECTOR 19	265 18 24 37	-207	-35.3	MIRROR M
265 16 39 44	-60	-60.1	SURVEY J SECTOR 19	265 18 24 41	-204	-35.3	MIRROR M
265 16 40 40	-60	-60.1	SURVEY J SECTOR 19	265 18 24 46	-201	-35.3	MIRROR M
265 17 31 55	-60	-60.1	SHADOW PROGRESSION G	265 18 24 50	-198	-40.3	MIRROR M
265 17 33 57	-48	-20.3	SHADOW PROGRESSION G	265 18 25 20	-201	-40.3	MIRROR M
265 17 34 31	-66	-20.3	SHADOW PROGRESSION G	265 18 25 27	-204	-40.3	MIRROR M
265 17 35 10	-69	-5.6	SHADOW PROGRESSION G	265 18 25 33	-207	-40.3	MIRROR M
265 17 35 44	-51	-5.6	SHADOW PROGRESSION G	265 18 25 39	-210	-40.3	MIRROR M
265 17 37 35	-51	4.3	SHADOW PROGRESSION G	265 18 25 45	-210	-45.3	MIRROR M
265 17 37 41	-51	4.3	SHADOW PROGRESSION G	265 18 25 50	-207	-45.3	MIRROR M
265 17 38 44	-57	4.3	SHADOW PROGRESSION G	265 18 25 55	-204	-45.3	MIRROR M
265 17 38 50	-57	-0.7	SHADOW PROGRESSION G	265 18 26 00	-201	-45.3	MIRROR M
265 17 39 33	-66	-0.7	SHADOW PROGRESSION G	265 18 26 03	-198	-45.3	MIRROR M
265 17 39 39	-66	-0.7	SHADOW PROGRESSION G	265 18 26 08	-195	-45.3	MIRROR M
265 17 41 19	-60	-0.7	SHADOW PROGRESSION G	265 18 27 26	-60	-45.3	SHADOW PROGRESSION H
265 17 41 25	-60	-0.7	SHADOW PROGRESSION G	265 18 29 26	-60	-60.1	SHADOW PROGRESSION H
265 17 42 27	-54	-0.7	SHADOW PROGRESSION G	265 18 30 36	-60	-60.1	SHADOW PROGRESSION H
265 17 42 31	-54	-0.7	SHADOW PROGRESSION G	265 18 30 42	-60	-60.1	SHADOW PROGRESSION H
265 17 43 30	-51	-5.6	SHADOW PROGRESSION G	265 18 32 58	-60	-60.1	SHADOW PROGRESSION H
265 17 43 36	-51	-5.6	SHADOW PROGRESSION G	265 18 33 04	-60	-60.1	SHADOW PROGRESSION H
265 17 44 20	-57	-10.5	SHADOW PROGRESSION G	265 19 30 39	-60	-60.1	SHADOW PROGRESSION H
265 17 44 26	-57	-10.5	SHADOW PROGRESSION G	265 19 32 20	-48	-20.3	SHADOW PROGRESSION H
265 17 45 17	-63	-10.5	SHADOW PROGRESSION G	265 19 33 00	-66	-20.3	SHADOW PROGRESSION H
265 17 45 23	-63	-10.5	SHADOW PROGRESSION G	265 19 33 39	-66	-20.3	SHADOW PROGRESSION H
265 17 46 24	-69	-10.5	SHADOW PROGRESSION G	265 19 34 21	-51	4.3	SHADOW PROGRESSION H
265 17 46 30	-69	-10.5	SHADOW PROGRESSION G	265 19 36 15	-51	4.3	SHADOW PROGRESSION H
265 17 47 19	-66	-10.5	SHADOW PROGRESSION G	265 19 36 21	-51	4.3	SHADOW PROGRESSION H
265 17 47 25	-66	-10.5	SHADOW PROGRESSION G	265 19 37 08	-57	4.3	SHADOW PROGRESSION H
265 17 48 31	-60	-10.5	SHADOW PROGRESSION G	265 19 37 14	-57	4.3	SHADOW PROGRESSION H
265 17 48 37	-60	-10.5	SHADOW PROGRESSION G	265 19 39 54	-66	-0.7	SHADOW PROGRESSION H
265 17 52 03	-54	-10.5	SHADOW PROGRESSION G	265 19 40 00	-66	-0.7	SHADOW PROGRESSION H
265 17 52 09	-54	-10.5	SHADOW PROGRESSION G	265 19 40 54	-60	-0.7	SHADOW PROGRESSION H
265 17 52 50	-48	-10.5	SHADOW PROGRESSION G	265 19 41 00	-60	-0.7	SHADOW PROGRESSION H
265 17 52 56	-48	-10.5	SHADOW PROGRESSION G	265 19 41 49	-54	-0.7	SHADOW PROGRESSION H
265 17 53 44	-45	-15.3	SHADOW PROGRESSION G	265 19 41 55	-54	-0.7	SHADOW PROGRESSION H
265 17 53 50	-45	-15.3	SHADOW PROGRESSION G	265 19 43 00	-51	-5.6	SHADOW PROGRESSION H
265 17 54 25	-51	-15.3	SHADOW PROGRESSION G	265 19 43 06	-51	-5.6	SHADOW PROGRESSION H
265 17 54 52	-51	-15.3	SHADOW PROGRESSION G	265 19 43 45	-57	-5.6	SHADOW PROGRESSION H
265 17 55 34	-57	-15.3	SHADOW PROGRESSION G	265 19 43 51	-57	-5.6	SHADOW PROGRESSION H
265 17 55 39	-57	-15.3	SHADOW PROGRESSION G	265 19 45 08	-63	-5.6	SHADOW PROGRESSION H
265 17 56 18	-63	-15.3	SHADOW PROGRESSION G	265 19 45 14	-63	-5.6	SHADOW PROGRESSION H
265 17 56 24	-63	-15.3	SHADOW PROGRESSION G	265 19 45 54	-69	-5.6	SHADOW PROGRESSION H
265 17 57 18	-60	-20.3	SHADOW PROGRESSION G	265 19 46 00	-69	-5.6	SHADOW PROGRESSION H
265 17 57 24	-60	-20.3	SHADOW PROGRESSION G	265 19 46 58	-66	-10.5	SHADOW PROGRESSION H
265 17 57 57	-54	-20.3	SHADOW PROGRESSION G	265 19 47 04	-66	-10.5	SHADOW PROGRESSION H

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
265 19 48 03	-60	-10.5	SHADOW PROGRESSION H	265 20 24 15	90	-50.2	SURVEY W-W
265 19 48 09	-60	-10.5	SHADOW PROGRESSION H	265 20 24 22	108	-50.2	SURVEY W-W
265 19 49 00	-54	-10.5	SHADOW PROGRESSION H	265 20 24 27	108	-35.3	SURVEY W-W
265 19 49 06	-54	-10.5	SHADOW PROGRESSION H	265 20 24 30	108	-20.3	SURVEY W-W
265 19 49 45	-48	-10.5	SHADOW PROGRESSION H	265 20 24 35	108	-5.6	SURVEY W-W
265 19 49 51	-48	-10.5	SHADOW PROGRESSION H	265 20 25 47	126	-20.3	SURVEY W-W
265 19 50 39	-45	-15.3	SHADOW PROGRESSION H	265 20 26 57	36	-65.1	SURVEY W-W
265 19 50 45	-45	-15.3	SHADOW PROGRESSION H	265 20 27 34	18	-65.1	SURVEY W-W
265 19 51 21	-51	-15.3	SHADOW PROGRESSION H	265 20 27 39	0	-65.1	SURVEY W-W
265 19 51 27	-51	-15.3	SHADOW PROGRESSION H	265 20 27 45	-18	-65.1	SURVEY W-W
265 19 52 04	-57	-15.3	SHADOW PROGRESSION H	265 20 27 51	-36	-65.1	SURVEY W-W
265 19 52 11	-57	-15.3	SHADOW PROGRESSION H	265 20 27 56	-54	-65.1	SURVEY W-W
265 19 52 52	-63	-15.3	SHADOW PROGRESSION H	265 20 28 08	-90	-50.2	SURVEY W-W
265 19 52 58	-63	-15.3	SHADOW PROGRESSION H	265 20 28 13	-90	-35.3	SURVEY W-W
265 19 53 53	-60	-20.3	SHADOW PROGRESSION H	265 20 28 18	-90	-20.3	SURVEY W-W
265 19 54 00	-60	-20.3	SHADOW PROGRESSION H	265 20 28 21	-90	-5.6	SURVEY W-W
265 19 54 42	-54	-20.3	SHADOW PROGRESSION H	265 20 28 27	-108	-5.6	SURVEY W-W
265 19 54 48	-54	-20.3	SHADOW PROGRESSION H	265 20 28 32	-108	-20.3	SURVEY W-W
265 19 55 26	-48	-20.3	SHADOW PROGRESSION H	265 20 28 36	-108	-35.3	SURVEY W-W
265 19 55 32	-48	-20.3	SHADOW PROGRESSION H	265 20 28 41	-108	-50.2	SURVEY W-W
265 19 58 10	-48	-20.3	SHADOW PROGRESSION H	265 20 28 47	-126	-50.2	SURVEY W-W
265 20 00 28	-48	-20.3	SHADOW PROGRESSION H	265 20 28 50	-126	-35.3	SURVEY W-W
265 20 01 08	-66	-20.3	SHADOW PROGRESSION H	265 20 28 55	-126	-20.3	SURVEY W-W
265 20 01 42	-69	-5.6	SHADOW PROGRESSION H	265 20 29 00	-126	-5.6	SURVEY W-W
265 20 02 18	-51	-5.6	SHADOW PROGRESSION H	265 20 29 05	-144	-5.6	SURVEY W-W
265 20 04 44	-48	-20.3	SHADOW PROGRESSION H	265 20 29 09	-144	-20.3	SURVEY W-W
265 20 04 50	-48	-20.3	SHADOW PROGRESSION H	265 20 29 48	-144	-35.3	SURVEY W-W
265 20 06 58	-60	-60.1	SHADOW PROGRESSION H	265 20 29 53	-144	-50.2	SURVEY W-W
265 20 07 04	-60	-60.1	SHADOW PROGRESSION H	265 20 29 58	-162	-50.2	SURVEY W-W
265 20 09 54	-60	-60.1	SHADOW PROGRESSION H	265 20 30 02	-162	-35.3	SURVEY W-W
265 20 14 14	-54	-65.1	SURVEY W-W	265 20 30 07	-162	-20.3	SURVEY W-W
265 20 17 05	-72	-65.1	SURVEY W-W	265 20 30 11	-162	-5.6	SURVEY W-W
265 20 17 11	-72	-50.2	SURVEY W-W	265 20 30 17	-180	-5.6	SURVEY W-W
265 20 17 16	-72	-35.3	SURVEY W-W	265 20 30 22	-180	-20.3	SURVEY W-W
265 20 17 20	-72	-20.3	SURVEY W-W	265 20 30 25	-180	-35.3	SURVEY W-W
265 20 17 24	-72	-5.6	SURVEY W-W	265 20 30 30	-180	-50.2	SURVEY W-W
265 20 17 29	-72	9.3	SURVEY W-W	265 20 30 37	-198	-50.2	SURVEY W-W
265 20 17 34	-54	9.3	SURVEY W-W	265 20 30 42	-198	-35.3	SURVEY W-W
265 20 17 39	-54	-5.6	SURVEY W-W	265 20 30 47	-198	-20.3	SURVEY W-W
265 20 17 44	-54	-20.3	SURVEY W-W	265 20 30 52	-198	-5.6	SURVEY W-W
265 20 17 48	-54	-35.3	SURVEY W-W	265 20 31 41	-216	-20.3	SURVEY W-W
265 20 17 52	-54	-50.2	SURVEY W-W	265 20 32 09	-216	-35.3	SURVEY W-W
265 20 17 58	-36	-50.2	SURVEY W-W	265 20 32 12	-216	-50.2	SURVEY W-W
265 20 18 03	-36	-35.3	SURVEY W-W	265 20 32 18	-216	-65.1	SURVEY W-W
265 20 18 08	-36	-20.3	SURVEY W-W	265 20 32 24	-198	-65.1	SURVEY W-W
265 20 18 11	-36	-5.6	SURVEY W-W	265 20 32 29	-180	-65.1	SURVEY W-W
265 20 18 16	-36	9.3	SURVEY W-W	265 20 32 35	-162	-65.1	SURVEY W-W
265 20 18 22	-18	9.3	SURVEY W-W	265 20 32 41	-144	-65.1	SURVEY W-W
265 20 19 02	-18	24.3	SURVEY W-W	265 20 33 22	-126	-65.1	SURVEY W-W
265 20 19 39	-18	9.3	SURVEY W-W	265 20 33 28	-108	-65.1	SURVEY W-W
265 20 20 26	-18	-5.6	SURVEY W-W	265 20 33 33	-90	-65.1	SURVEY W-W
265 20 20 31	-18	-20.3	SURVEY W-W	265 20 33 41	-54	-65.1	SURVEY W-W
265 20 20 36	-18	-35.3	SURVEY W-W	265 20 34 29	-69	-5.6	SHADOW PROGRESSION I
265 20 20 40	-18	-50.2	SURVEY W-W	265 21 46 30	-48	-20.3	SHADOW PROGRESSION I
265 20 20 48	0	-50.2	SURVEY W-W	265 21 47 47	-69	-5.6	SHADOW PROGRESSION I
265 20 20 53	0	-35.3	SURVEY W-W	265 21 48 17	-51	-5.6	SHADOW PROGRESSION I
265 20 20 56	0	-20.3	SURVEY W-W	265 21 50 08	-51	4.3	SHADOW PROGRESSION I
265 20 21 01	0	-5.6	SURVEY W-W	265 21 50 13	-51	4.3	SHADOW PROGRESSION I
265 20 21 06	0	9.3	SURVEY W-W	265 21 50 56	-57	4.3	SHADOW PROGRESSION I
265 20 21 11	0	24.3	SURVEY W-W	265 21 51 01	-57	-0.7	SHADOW PROGRESSION I
265 20 21 15	18	24.3	SURVEY W-W	265 21 51 43	-66	-0.7	SHADOW PROGRESSION I
265 20 21 20	18	9.3	SURVEY W-W	265 21 51 49	-66	-0.7	SHADOW PROGRESSION I
265 20 21 25	18	-5.6	SURVEY W-W	265 21 52 36	-60	-0.7	SHADOW PROGRESSION I
265 20 21 29	18	-20.3	SURVEY W-W	265 21 52 40	-60	-0.7	SHADOW PROGRESSION I
265 20 21 33	18	-35.3	SURVEY W-W	265 21 53 22	-54	-0.7	SHADOW PROGRESSION I
265 20 21 38	18	-50.2	SURVEY W-W	265 21 53 27	-54	-0.7	SHADOW PROGRESSION I
265 20 21 43	36	-50.2	SURVEY W-W	265 21 54 12	-51	-5.6	SHADOW PROGRESSION I
265 20 21 48	36	-35.3	SURVEY W-W	265 21 54 16	-51	-5.6	SHADOW PROGRESSION I
265 20 21 53	36	-20.3	SURVEY W-W	265 21 54 48	-57	-5.6	SHADOW PROGRESSION I
265 20 21 57	36	-5.6	SURVEY W-W	265 21 54 52	-57	-5.6	SHADOW PROGRESSION I
265 20 22 46	36	9.3	SURVEY W-W	265 21 55 36	-63	-5.6	SHADOW PROGRESSION I
265 20 22 50	36	24.3	SURVEY W-W	265 21 55 40	-63	-5.6	SHADOW PROGRESSION I
265 20 22 55	54	24.3	SURVEY W-W	265 21 56 22	-69	-5.6	SHADOW PROGRESSION I
265 20 23 00	54	9.3	SURVEY W-W	265 21 56 27	-69	-5.6	SHADOW PROGRESSION I
265 20 23 05	54	-5.6	SURVEY W-W	265 21 57 03	-66	-10.5	SHADOW PROGRESSION I
265 20 23 10	54	-20.3	SURVEY W-W	265 21 57 08	-66	-10.5	SHADOW PROGRESSION I
265 20 23 13	54	-35.3	SURVEY W-W	265 21 57 42	-63	-10.5	SHADOW PROGRESSION I
265 20 23 18	54	-50.2	SURVEY W-W	265 21 57 46	-60	-10.5	SHADOW PROGRESSION I
265 20 23 24	72	-50.2	SURVEY W-W	265 21 58 24	-54	-10.5	SHADOW PROGRESSION I
265 20 23 28	72	-35.3	SURVEY W-W	265 21 58 28	-54	-10.5	SHADOW PROGRESSION I
265 20 23 33	72	-20.3	SURVEY W-W	265 21 58 57	-48	-10.5	SHADOW PROGRESSION I
265 20 23 37	72	-5.6	SURVEY W-W	265 21 59 02	-48	-10.5	SHADOW PROGRESSION I
265 20 23 42	72	9.3	SURVEY W-W	265 21 59 42	-45	-15.3	SHADOW PROGRESSION I
265 20 23 46	72	24.3	SURVEY W-W	265 22 00 21	-51	-15.3	SHADOW PROGRESSION I
265 20 23 52	90	24.3	SURVEY W-W	265 22 00 26	-51	-15.3	SHADOW PROGRESSION I
265 20 23 57	90	9.3	SURVEY W-W	265 22 01 00	-57	-15.3	SHADOW PROGRESSION I
265 20 24 00	90	-5.6	SURVEY W-W	265 22 01 04	-57	-15.3	SHADOW PROGRESSION I
265 20 24 05	90	-20.3	SURVEY W-W	265 22 01 48	-63	-15.3	SHADOW PROGRESSION I
265 20 24 10	90	-35.3	SURVEY W-W	265 22 01 52	-63	-15.3	SHADOW PROGRESSION I

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
265 22 02 33	-60	-20.3	SHADOW PROGRESSION I	266 00 19 27	-51	-15.3	SHADOW PROGRESSION K
265 22 02 38	-60	-20.3	SHADOW PROGRESSION I	266 00 19 32	-51	-15.3	SHADOW PROGRESSION K
265 22 03 07	-54	-20.3	SHADOW PROGRESSION I	266 00 19 40	-57	-15.3	SHADOW PROGRESSION K
265 22 03 13	-54	-20.3	SHADOW PROGRESSION I	266 00 19 46	-57	-15.3	SHADOW PROGRESSION K
265 22 03 51	-48	-20.3	SHADOW PROGRESSION I	266 00 19 56	-63	-15.3	SHADOW PROGRESSION K
265 22 03 56	-48	-20.3	SHADOW PROGRESSION I	266 00 20 01	-63	-15.3	SHADOW PROGRESSION K
265 22 05 18	-60	-60.1	SHADOW PROGRESSION I	266 00 20 11	-60	-20.3	SHADOW PROGRESSION K
265 22 05 23	-60	-60.1	SHADOW PROGRESSION I	266 00 20 17	-60	-20.3	SHADOW PROGRESSION K
265 23 04 40	-60	-60.1	SHADOW PROGRESSION J	266 00 20 25	-54	-20.3	SHADOW PROGRESSION K
265 23 06 03	-48	-20.3	SHADOW PROGRESSION J	266 00 20 29	-54	-20.3	SHADOW PROGRESSION K
265 23 06 31	-66	-20.3	SHADOW PROGRESSION J	266 00 20 38	-48	-20.3	SHADOW PROGRESSION K
265 23 07 10	-69	-5.6	SHADOW PROGRESSION J	266 00 20 43	-48	-20.3	SHADOW PROGRESSION K
265 23 09 09	-51	-5.6	SHADOW PROGRESSION J	266 00 21 17	-60	-60.1	SHADOW PROGRESSION K
265 23 10 27	-51	4.3	SHADOW PROGRESSION J	266 00 21 22	-60	-60.1	SHADOW PROGRESSION K
265 23 10 32	-51	4.3	SHADOW PROGRESSION J	266 00 21 46	-60	-60.1	SHADOW PROGRESSION K
265 23 11 13	-57	4.3	SHADOW PROGRESSION J	266 00 26 02	-60	-60.1	SHADOW PROGRESSION K
265 23 11 17	-57	4.3	SHADOW PROGRESSION J	266 00 27 26	-195	-40.3	MIRROR N
265 23 12 00	-66	-0.7	SHADOW PROGRESSION J	266 00 28 25	-201	-40.3	MIRROR N
265 23 12 06	-66	-0.7	SHADOW PROGRESSION J	266 00 28 29	-207	-40.3	MIRROR N
265 23 12 48	-60	-0.7	SHADOW PROGRESSION J	266 00 28 34	-213	-40.3	MIRROR N
265 23 12 53	-60	-0.7	SHADOW PROGRESSION J	266 00 28 46	-213	-40.3	MIRROR N
265 23 13 40	-54	-0.7	SHADOW PROGRESSION J	266 00 28 51	-213	-35.3	MIRROR N
265 23 13 45	-54	-0.7	SHADOW PROGRESSION J	266 00 28 54	-210	-35.3	MIRROR N
265 23 14 28	-51	-5.6	SHADOW PROGRESSION J	266 00 28 59	-207	-35.3	MIRROR N
265 23 14 34	-51	-5.6	SHADOW PROGRESSION J	266 00 29 04	-204	-35.3	MIRROR N
265 23 15 07	-57	-5.6	SHADOW PROGRESSION J	266 00 29 09	-201	-35.3	MIRROR N
265 23 15 12	-57	-5.6	SHADOW PROGRESSION J	266 00 29 12	-198	-40.3	MIRROR N
265 23 15 59	-63	-5.6	SHADOW PROGRESSION J	266 00 29 21	-201	-40.3	MIRROR N
265 23 16 04	-63	-5.6	SHADOW PROGRESSION J	266 00 29 28	-204	-40.3	MIRROR N
265 23 16 50	-69	-5.6	SHADOW PROGRESSION J	266 00 29 34	-207	-40.3	MIRROR N
265 23 16 55	-69	-5.6	SHADOW PROGRESSION J	266 00 29 41	-210	-40.3	MIRROR N
265 23 17 36	-66	-10.5	SHADOW PROGRESSION J	266 00 29 48	-210	-45.3	MIRROR N
265 23 17 41	-66	-10.5	SHADOW PROGRESSION J	266 00 29 52	-207	-45.3	MIRROR N
265 23 18 17	-63	-10.5	SHADOW PROGRESSION J	266 00 29 57	-186	-45.3	MIRROR N
265 23 18 22	-60	-10.5	SHADOW PROGRESSION J	266 00 30 01	-201	-45.3	MIRROR N
265 23 18 58	-54	-10.5	SHADOW PROGRESSION J	266 00 30 06	-198	-45.3	MIRROR N
265 23 19 04	-54	-10.5	SHADOW PROGRESSION J	266 00 30 10	-195	-45.3	MIRROR N
265 23 19 38	-48	-10.5	SHADOW PROGRESSION J	266 00 31 17	-60	-45.3	SHADOW PROGRESSION L
265 23 19 44	-48	-10.5	SHADOW PROGRESSION J	266 00 32 47	-60	-60.1	SHADOW PROGRESSION L
265 23 20 26	-45	-15.3	SHADOW PROGRESSION J	266 00 34 00	-60	-60.1	SHADOW PROGRESSION L
265 23 20 31	-45	-15.3	SHADOW PROGRESSION J	266 00 35 42	-60	-60.1	SHADOW PROGRESSION L
265 23 21 05	-51	-15.3	SHADOW PROGRESSION J	266 01 18 18	-60	-60.1	SHADOW PROGRESSION L
265 23 21 09	-51	-15.3	SHADOW PROGRESSION J	266 01 18 52	-48	-20.3	SHADOW PROGRESSION L
265 23 21 38	-57	-15.3	SHADOW PROGRESSION J	266 01 19 00	-66	-20.3	SHADOW PROGRESSION L
265 23 21 44	-57	-15.3	SHADOW PROGRESSION J	266 01 19 09	-69	-5.6	SHADOW PROGRESSION L
265 23 22 28	-63	-15.3	SHADOW PROGRESSION J	266 01 19 17	-51	-5.6	SHADOW PROGRESSION L
265 23 22 33	-63	-15.3	SHADOW PROGRESSION J	266 01 19 51	-51	4.3	SHADOW PROGRESSION L
265 23 24 26	-60	-20.3	SHADOW PROGRESSION J	266 01 19 57	-51	4.3	SHADOW PROGRESSION L
265 23 24 32	-60	-20.3	SHADOW PROGRESSION J	266 01 20 08	-57	4.3	SHADOW PROGRESSION L
265 23 25 18	-54	-20.3	SHADOW PROGRESSION J	266 01 20 14	-57	4.3	SHADOW PROGRESSION L
265 23 25 22	-54	-20.3	SHADOW PROGRESSION J	266 01 20 21	-66	-0.7	SHADOW PROGRESSION L
265 23 26 02	-48	-20.3	SHADOW PROGRESSION J	266 01 20 26	-66	-0.7	SHADOW PROGRESSION L
265 23 26 07	-48	-20.3	SHADOW PROGRESSION J	266 01 20 38	-60	-0.7	SHADOW PROGRESSION L
265 23 27 33	-60	-60.1	SHADOW PROGRESSION J	266 01 20 43	-60	-0.7	SHADOW PROGRESSION L
265 23 27 39	-60	-60.1	SHADOW PROGRESSION J	266 01 20 56	-54	-0.7	SHADOW PROGRESSION L
265 23 28 39	-60	-60.1	SHADOW PROGRESSION J	266 01 21 01	-54	-0.7	SHADOW PROGRESSION L
266 00 14 05	-60	-60.1	SHADOW PROGRESSION K	266 01 21 14	-51	-5.6	SHADOW PROGRESSION L
266 00 14 47	-48	-20.3	SHADOW PROGRESSION K	266 01 21 19	-51	-5.6	SHADOW PROGRESSION L
266 00 14 56	-66	-20.3	SHADOW PROGRESSION K	266 01 21 27	-57	-5.6	SHADOW PROGRESSION L
266 00 15 04	-69	-5.6	SHADOW PROGRESSION K	266 01 21 33	-57	-5.6	SHADOW PROGRESSION L
266 00 15 12	-51	-5.6	SHADOW PROGRESSION K	266 01 21 46	-63	-5.6	SHADOW PROGRESSION L
266 00 15 47	-51	4.3	SHADOW PROGRESSION K	266 01 21 52	-63	-5.6	SHADOW PROGRESSION L
266 00 15 53	-51	4.3	SHADOW PROGRESSION K	266 01 22 02	-69	-5.6	SHADOW PROGRESSION L
266 00 16 04	-57	4.3	SHADOW PROGRESSION K	266 01 22 07	-69	-5.6	SHADOW PROGRESSION L
266 00 16 08	-57	4.3	SHADOW PROGRESSION K	266 01 22 16	-66	-10.5	SHADOW PROGRESSION L
266 00 16 17	-66	-0.7	SHADOW PROGRESSION K	266 01 22 22	-66	-10.5	SHADOW PROGRESSION L
266 00 16 22	-66	-0.7	SHADOW PROGRESSION K	266 01 22 32	-60	-10.5	SHADOW PROGRESSION L
266 00 16 34	-60	-0.7	SHADOW PROGRESSION K	266 01 22 36	-60	-10.5	SHADOW PROGRESSION L
266 00 16 38	-60	-0.7	SHADOW PROGRESSION K	266 01 22 48	-54	-10.5	SHADOW PROGRESSION L
266 00 16 52	-54	-0.7	SHADOW PROGRESSION K	266 01 22 53	-54	-10.5	SHADOW PROGRESSION L
266 00 16 56	-54	-0.7	SHADOW PROGRESSION K	266 01 23 02	-48	-10.5	SHADOW PROGRESSION L
266 00 17 09	-51	-5.6	SHADOW PROGRESSION K	266 01 23 08	-48	-10.5	SHADOW PROGRESSION L
266 00 17 14	-51	-5.6	SHADOW PROGRESSION K	266 01 23 18	-45	-15.3	SHADOW PROGRESSION L
266 00 17 23	-57	-5.6	SHADOW PROGRESSION K	266 01 23 23	-45	-15.3	SHADOW PROGRESSION L
266 00 17 27	-57	-5.6	SHADOW PROGRESSION K	266 01 23 31	-51	-15.3	SHADOW PROGRESSION L
266 00 17 42	-63	-5.6	SHADOW PROGRESSION K	266 01 23 37	-51	-15.3	SHADOW PROGRESSION L
266 00 17 48	-63	-5.6	SHADOW PROGRESSION K	266 01 23 45	-57	-15.3	SHADOW PROGRESSION L
266 00 17 57	-69	-5.6	SHADOW PROGRESSION K	266 01 23 51	-57	-15.3	SHADOW PROGRESSION L
266 00 18 02	-69	-5.6	SHADOW PROGRESSION K	266 01 24 00	-63	-15.3	SHADOW PROGRESSION L
266 00 18 12	-66	-10.5	SHADOW PROGRESSION K	266 01 24 05	-63	-15.3	SHADOW PROGRESSION L
266 00 18 18	-66	-10.5	SHADOW PROGRESSION K	266 01 24 17	-60	-20.3	SHADOW PROGRESSION L
266 00 18 27	-60	-10.5	SHADOW PROGRESSION K	266 01 24 22	-60	-20.3	SHADOW PROGRESSION L
266 00 18 32	-60	-10.5	SHADOW PROGRESSION K	266 01 24 29	-54	-20.3	SHADOW PROGRESSION L
266 00 18 44	-54	-10.5	SHADOW PROGRESSION K	266 01 24 34	-54	-20.3	SHADOW PROGRESSION L
266 00 18 49	-54	-10.5	SHADOW PROGRESSION K	266 01 24 42	-48	-20.3	SHADOW PROGRESSION L
266 00 18 57	-48	-10.5	SHADOW PROGRESSION K	266 01 24 48	-48	-20.3	SHADOW PROGRESSION L
266 00 19 02	-48	-10.5	SHADOW PROGRESSION K	266 01 25 22	-60	-60.1	SHADOW PROGRESSION L
266 00 19 14	-45	-15.3	SHADOW PROGRESSION K	266 01 25 28	-60	-60.1	SHADOW PROGRESSION L
266 00 19 19	-45	-15.3	SHADOW PROGRESSION K	266 01 25 48	-60	-60.1	SHADOW PROGRESSION L

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
266 01 28 40	-54	-65.1	SURVEY W-X	266 01 48 40	-144	-5.6	SURVEY W-X
266 01 34 00	-72	-65.1	SURVEY W-X	266 01 48 45	-144	-20.3	SURVEY W-X
266 01 34 06	-72	-50.2	SURVEY W-X	266 01 49 29	-144	-35.3	SURVEY W-X
266 01 34 10	-72	-35.3	SURVEY W-X	266 01 49 34	-144	-50.2	SURVEY W-X
266 01 34 15	-72	-20.3	SURVEY W-X	266 01 49 39	-162	-50.2	SURVEY W-X
266 01 34 20	-72	-5.6	SURVEY W-X	266 01 49 43	-162	-35.3	SURVEY W-X
266 01 34 24	-72	9.3	SURVEY W-X	266 01 49 48	-162	-20.3	SURVEY W-X
266 01 34 30	-54	9.3	SURVEY W-X	266 01 49 53	-162	-5.6	SURVEY W-X
266 01 34 34	-54	-5.6	SURVEY W-X	266 01 49 58	-180	-5.6	SURVEY W-X
266 01 34 38	-54	-20.3	SURVEY W-X	266 01 50 03	-180	-20.3	SURVEY W-X
266 01 34 43	-54	-35.3	SURVEY W-X	266 01 50 07	-180	-35.3	SURVEY W-X
266 01 34 47	-54	-50.2	SURVEY W-X	266 01 50 11	-180	-50.2	SURVEY W-X
266 01 34 53	-36	-50.2	SURVEY W-X	266 01 50 19	-198	-50.2	SURVEY W-X
266 01 34 57	-36	-35.3	SURVEY W-X	266 01 50 23	-198	-35.3	SURVEY W-X
266 01 35 02	-36	-20.3	SURVEY W-X	266 01 50 28	-198	-20.3	SURVEY W-X
266 01 35 07	-36	-5.6	SURVEY W-X	266 01 50 33	-198	-5.6	SURVEY W-X
266 01 35 11	-36	9.3	SURVEY W-X	266 01 51 38	-216	-20.3	SURVEY W-X
266 01 35 16	-18	9.3	SURVEY W-X	266 01 52 13	-216	-35.3	SURVEY W-X
266 01 36 11	-18	24.3	SURVEY W-X	266 01 52 18	-216	-50.2	SURVEY W-X
266 01 36 58	-18	9.3	SURVEY W-X	266 01 52 24	-216	-65.1	SURVEY W-X
266 01 37 42	-18	-5.6	SURVEY W-X	266 01 52 29	-198	-65.1	SURVEY W-X
266 01 37 47	-18	-20.3	SURVEY W-X	266 01 52 35	-180	-65.1	SURVEY W-X
266 01 37 52	-18	-35.3	SURVEY W-X	266 01 52 41	-162	-65.1	SURVEY W-X
266 01 37 55	-18	-50.2	SURVEY W-X	266 01 52 46	-144	-65.1	SURVEY W-X
266 01 38 04	0	-50.2	SURVEY W-X	266 01 53 26	-126	-65.1	SURVEY W-X
266 01 38 07	0	-35.3	SURVEY W-X	266 01 53 32	-108	-65.1	SURVEY W-X
266 01 38 12	0	-20.3	SURVEY W-X	266 01 53 38	-90	-65.1	SURVEY W-X
266 01 38 17	0	-5.6	SURVEY W-X	266 01 53 47	-54	-65.1	SURVEY W-X
266 01 38 22	0	9.3	SURVEY W-X	266 01 54 47	-54	-65.1	SURVEY W-X
266 01 38 25	0	24.3	SURVEY W-X	266 02 16 42	-57	-60.1	SHADOW PROGRESSION M
266 01 38 31	18	24.3	SURVEY W-X	266 02 17 14	-45	-20.3	SHADOW PROGRESSION M
266 01 38 36	18	9.3	SURVEY W-X	266 02 17 23	-63	-20.3	SHADOW PROGRESSION M
266 01 38 41	18	-5.6	SURVEY W-X	266 02 17 30	-66	-5.6	SHADOW PROGRESSION M
266 01 38 49	18	-35.3	SURVEY W-X	266 02 17 38	-48	-5.6	SHADOW PROGRESSION M
266 01 38 54	18	-50.2	SURVEY W-X	266 02 18 13	-48	4.3	SHADOW PROGRESSION M
266 01 38 59	36	-50.2	SURVEY W-X	266 02 18 19	-48	4.3	SHADOW PROGRESSION M
266 01 39 04	36	-35.3	SURVEY W-X	266 02 18 29	-54	4.3	SHADOW PROGRESSION M
266 01 39 09	36	-20.3	SURVEY W-X	266 02 18 35	-54	4.3	SHADOW PROGRESSION M
266 01 39 13	36	-5.6	SURVEY W-X	266 02 18 43	-63	-0.7	SHADOW PROGRESSION M
266 01 41 05	36	9.3	SURVEY W-X	266 02 18 49	-63	-0.7	SHADOW PROGRESSION M
266 01 41 09	36	24.3	SURVEY W-X	266 02 18 59	-57	-0.7	SHADOW PROGRESSION M
266 01 41 15	54	24.3	SURVEY W-X	266 02 19 04	-57	-0.7	SHADOW PROGRESSION M
266 01 41 19	54	9.3	SURVEY W-X	266 02 19 17	-51	-0.7	SHADOW PROGRESSION M
266 01 41 24	54	-5.6	SURVEY W-X	266 02 19 23	-51	-0.7	SHADOW PROGRESSION M
266 01 41 29	54	-20.3	SURVEY W-X	266 02 19 35	-48	-5.6	SHADOW PROGRESSION M
266 01 41 33	54	-35.3	SURVEY W-X	266 02 19 41	-48	-5.6	SHADOW PROGRESSION M
266 01 41 37	54	-50.2	SURVEY W-X	266 02 19 48	-54	-5.6	SHADOW PROGRESSION M
266 01 41 43	72	-50.2	SURVEY W-X	266 02 19 54	-54	-5.6	SHADOW PROGRESSION M
266 01 41 48	72	-35.3	SURVEY W-X	266 02 20 14	-60	-5.6	SHADOW PROGRESSION M
266 01 41 51	72	-20.3	SURVEY W-X	266 02 20 23	-66	-5.6	SHADOW PROGRESSION M
266 01 41 56	72	-5.6	SURVEY W-X	266 02 20 39	-63	-10.5	SHADOW PROGRESSION M
266 01 42 01	72	9.3	SURVEY W-X	266 02 20 43	-63	-10.5	SHADOW PROGRESSION M
266 01 42 06	72	24.3	SURVEY W-X	266 02 20 53	-57	-10.5	SHADOW PROGRESSION M
266 01 42 11	90	24.3	SURVEY W-X	266 02 20 59	-57	-10.5	SHADOW PROGRESSION M
266 01 42 15	90	9.3	SURVEY W-X	266 02 21 10	-51	-10.5	SHADOW PROGRESSION M
266 01 42 20	90	-5.6	SURVEY W-X	266 02 21 15	-51	-10.5	SHADOW PROGRESSION M
266 01 42 25	90	-20.3	SURVEY W-X	266 02 21 23	-45	-10.5	SHADOW PROGRESSION M
266 01 42 29	90	-35.3	SURVEY W-X	266 02 21 29	-45	-10.5	SHADOW PROGRESSION M
266 01 42 33	90	-50.2	SURVEY W-X	266 02 21 40	-42	-15.3	SHADOW PROGRESSION M
266 01 42 40	108	-50.2	SURVEY W-X	266 02 21 46	-42	-15.3	SHADOW PROGRESSION M
266 01 42 45	108	-35.3	SURVEY W-X	266 02 21 53	-48	-15.3	SHADOW PROGRESSION M
266 01 42 50	108	-20.3	SURVEY W-X	266 02 21 59	-48	-15.3	SHADOW PROGRESSION M
266 01 42 55	108	-5.6	SURVEY W-X	266 02 22 07	-57	-15.3	SHADOW PROGRESSION M
266 01 45 40	126	-20.3	SURVEY W-X	266 02 22 12	-54	-15.3	SHADOW PROGRESSION M
266 01 45 44	126	-35.3	SURVEY W-X	266 02 22 22	-60	-15.3	SHADOW PROGRESSION M
266 01 45 47	126	-50.2	SURVEY W-X	266 02 22 28	-60	-15.3	SHADOW PROGRESSION M
266 01 45 53	126	-65.1	SURVEY W-X	266 02 22 38	-57	-20.3	SHADOW PROGRESSION M
266 01 45 59	108	-65.1	SURVEY W-X	266 02 22 43	-57	-20.3	SHADOW PROGRESSION M
266 01 46 05	90	-65.1	SURVEY W-X	266 02 22 50	-51	-20.3	SHADOW PROGRESSION M
266 01 46 10	72	-65.1	SURVEY W-X	266 02 22 55	-51	-20.3	SHADOW PROGRESSION M
266 01 46 16	54	-65.1	SURVEY W-X	266 02 23 03	-45	-20.3	SHADOW PROGRESSION M
266 01 46 21	36	-65.1	SURVEY W-X	266 02 23 09	-45	-20.3	SHADOW PROGRESSION M
266 01 47 09	18	-65.1	SURVEY W-X	266 02 23 43	-57	-60.1	SHADOW PROGRESSION M
266 01 47 15	0	-65.1	SURVEY W-X	266 02 23 49	-57	-60.1	SHADOW PROGRESSION M
266 01 47 21	-18	-65.1	SURVEY W-X	266 02 24 09	-57	-60.1	SHADOW PROGRESSION M
266 01 47 26	-36	-65.1	SURVEY W-X	266 03 13 39	-57	-60.1	SHADOW PROGRESSION N
266 01 47 32	-54	-65.1	SURVEY W-X	266 03 14 10	-45	-20.3	SHADOW PROGRESSION N
266 01 47 44	-90	-50.2	SURVEY W-X	266 03 15 20	-48	-20.3	SHADOW PROGRESSION N
266 01 47 48	-90	-35.3	SURVEY W-X	266 03 16 01	-63	-20.3	SHADOW PROGRESSION N
266 01 47 52	-90	-20.3	SURVEY W-X	266 03 16 09	-66	-5.6	SHADOW PROGRESSION N
266 01 47 57	-93	-5.6	SURVEY W-X	266 03 18 57	-66	-20.3	SHADOW PROGRESSION N
266 01 48 03	-108	-5.6	SURVEY W-X	266 03 20 29	-69	-5.6	SHADOW PROGRESSION N
266 01 48 06	-108	-20.3	SURVEY W-X	266 03 21 07	-51	-5.6	SHADOW PROGRESSION N
266 01 48 11	-108	-35.3	SURVEY W-X	266 03 25 35	-57	4.3	SHADOW PROGRESSION N
266 01 48 16	-108	-50.2	SURVEY W-X	266 03 25 40	-57	4.3	SHADOW PROGRESSION N
266 01 48 22	-126	-50.2	SURVEY W-X	266 03 26 14	-66	-0.7	SHADOW PROGRESSION N
266 01 48 26	-126	-35.3	SURVEY W-X	266 03 26 19	-66	-0.7	SHADOW PROGRESSION N
266 01 48 30	-126	-20.3	SURVEY W-X	266 03 27 00	-66	-0.7	SHADOW PROGRESSION N
266 01 48 35	-126	-5.6	SURVEY W-X	266 03 27 04	-60	-0.7	SHADOW PROGRESSION N

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
266 03 27 46	-54	-0.7	SHADOW PROGRESSION N	266 05 32 37	-54	-65.1	SURVEY W-Y
266 03 27 51	-54	-0.7	SHADOW PROGRESSION N	266 05 36 03	-54	-65.1	SURVEY W-Y
266 03 28 37	-51	-5.6	SHADOW PROGRESSION N	266 05 36 14	-54	-65.1	SURVEY W-Y
266 03 28 41	-51	-5.6	SHADOW PROGRESSION N	266 05 37 03	-72	-65.1	SURVEY W-Y
266 03 29 16	-57	-5.6	SHADOW PROGRESSION N	266 05 37 09	-72	-50.2	SURVEY W-Y
266 03 29 21	-57	-5.6	SHADOW PROGRESSION N	266 05 37 14	-72	-35.3	SURVEY W-Y
266 03 30 09	-63	-5.6	SHADOW PROGRESSION N	266 05 37 47	-72	-20.3	SURVEY W-Y
266 03 30 15	-63	-5.6	SHADOW PROGRESSION N	266 05 37 52	-72	-5.6	SURVEY W-Y
266 03 30 53	-69	-5.6	SHADOW PROGRESSION N	266 05 37 57	-72	9.3	SURVEY W-Y
266 03 30 58	-69	-5.6	SHADOW PROGRESSION N	266 05 38 03	-54	9.3	SURVEY W-Y
266 03 31 46	-66	-10.5	SHADOW PROGRESSION N	266 05 38 06	-54	-5.6	SURVEY W-Y
266 03 31 50	-66	-10.5	SHADOW PROGRESSION N	266 05 38 11	-54	-20.3	SURVEY W-Y
266 03 32 26	-60	-10.5	SHADOW PROGRESSION N	266 05 38 42	-54	-20.3	SURVEY W-Y
266 03 32 32	-60	-10.5	SHADOW PROGRESSION N	266 05 39 00	-54	-35.3	SURVEY W-Y
266 03 33 09	-54	-10.5	SHADOW PROGRESSION N	266 05 39 03	-54	-50.2	SURVEY W-Y
266 03 33 14	-54	-10.5	SHADOW PROGRESSION N	266 05 39 09	-36	-50.2	SURVEY W-Y
266 03 33 45	-48	-10.5	SHADOW PROGRESSION N	266 05 39 14	-36	-35.3	SURVEY W-Y
266 03 33 51	-48	-10.5	SHADOW PROGRESSION N	266 05 39 18	-36	-20.3	SURVEY W-Y
266 03 34 35	-45	-15.3	SHADOW PROGRESSION N	266 05 39 22	-36	-5.6	SURVEY W-Y
266 03 34 43	-45	-15.3	SHADOW PROGRESSION N	266 05 39 27	-36	9.3	SURVEY W-Y
266 03 35 14	-51	-15.3	SHADOW PROGRESSION N	266 05 39 33	-18	9.3	SURVEY W-Y
266 03 35 20	-51	-15.3	SHADOW PROGRESSION N	266 05 40 00	-18	24.3	SURVEY W-Y
266 03 35 51	-57	-15.3	SHADOW PROGRESSION N	266 05 40 35	-18	-5.6	SURVEY W-Y
266 03 35 56	-57	-15.3	SHADOW PROGRESSION N	266 05 40 40	-18	-20.3	SURVEY W-Y
266 03 36 33	-63	-15.3	SHADOW PROGRESSION N	266 05 40 45	-18	-35.3	SURVEY W-Y
266 03 36 39	-63	-15.3	SHADOW PROGRESSION N	266 05 40 48	-18	-50.2	SURVEY W-Y
266 03 37 17	-60	-20.3	SHADOW PROGRESSION N	266 05 40 57	0	-50.2	SURVEY W-Y
266 03 37 23	-60	-20.3	SHADOW PROGRESSION N	266 05 41 00	0	-35.3	SURVEY W-Y
266 03 37 48	-54	-20.3	SHADOW PROGRESSION N	266 05 41 05	0	-20.3	SURVEY W-Y
266 03 37 54	-54	-20.3	SHADOW PROGRESSION N	266 05 41 10	0	-5.6	SURVEY W-Y
266 03 38 35	-48	-20.3	SHADOW PROGRESSION N	266 05 41 36	0	-5.6	SURVEY W-Y
266 03 38 41	-48	-20.3	SHADOW PROGRESSION N	266 05 41 50	0	9.3	SURVEY W-Y
266 03 39 55	-60	-60.1	SHADOW PROGRESSION N	266 05 41 55	0	24.3	SURVEY W-Y
266 03 40 00	-60	-60.1	SHADOW PROGRESSION N	266 05 42 00	18	24.3	SURVEY W-Y
266 03 40 51	-60	-60.1	SHADOW PROGRESSION N	266 05 42 04	18	9.3	SURVEY W-Y
266 04 02 49	-60	-45.3	SHADOW PROGRESSION P	266 05 42 09	18	-5.6	SURVEY W-Y
266 04 03 28	-60	-60.1	SHADOW PROGRESSION P	266 05 42 14	18	-20.3	SURVEY W-Y
266 04 19 25	-60	-60.1	SHADOW PROGRESSION P	266 05 42 18	18	-35.3	SURVEY W-Y
266 04 20 17	-48	-20.3	SHADOW PROGRESSION P	266 05 42 22	18	-50.2	SURVEY W-Y
266 04 20 26	-66	-20.3	SHADOW PROGRESSION P	266 05 42 28	36	-50.2	SURVEY W-Y
266 04 20 34	-69	-5.6	SHADOW PROGRESSION P	266 05 42 33	36	-35.3	SURVEY W-Y
266 04 20 43	-69	-5.6	SHADOW PROGRESSION P	266 05 42 37	36	-20.3	SURVEY W-Y
266 04 21 18	-51	4.3	SHADOW PROGRESSION P	266 05 42 41	36	-5.6	SURVEY W-Y
266 04 21 23	-51	4.3	SHADOW PROGRESSION P	266 05 42 46	36	9.3	SURVEY W-Y
266 04 21 35	-57	4.3	SHADOW PROGRESSION P	266 05 42 51	36	24.3	SURVEY W-Y
266 04 21 40	-57	4.3	SHADOW PROGRESSION P	266 05 42 56	54	24.3	SURVEY W-Y
266 04 21 47	-66	-0.7	SHADOW PROGRESSION P	266 05 43 00	54	9.3	SURVEY W-Y
266 04 21 53	-66	-0.7	SHADOW PROGRESSION P	266 05 43 05	54	-5.6	SURVEY W-Y
266 04 22 04	-60	-0.7	SHADOW PROGRESSION P	266 05 43 10	54	-20.3	SURVEY W-Y
266 04 22 09	-60	-0.7	SHADOW PROGRESSION P	266 05 43 14	54	-35.3	SURVEY W-Y
266 04 22 21	-54	-0.7	SHADOW PROGRESSION P	266 05 43 18	54	-50.2	SURVEY W-Y
266 04 22 27	-54	-0.7	SHADOW PROGRESSION P	266 05 43 24	72	-50.2	SURVEY W-Y
266 04 22 39	-51	-5.6	SHADOW PROGRESSION P	266 05 43 29	72	-35.3	SURVEY W-Y
266 04 22 45	-51	-5.6	SHADOW PROGRESSION P	266 05 43 33	72	-20.3	SURVEY W-Y
266 04 22 54	-57	-5.6	SHADOW PROGRESSION P	266 05 43 37	72	-5.6	SURVEY W-Y
266 04 22 58	-57	-5.6	SHADOW PROGRESSION P	266 05 43 42	72	9.3	SURVEY W-Y
266 04 23 13	-63	-5.6	SHADOW PROGRESSION P	266 05 43 47	72	24.3	SURVEY W-Y
266 04 23 19	-63	-5.6	SHADOW PROGRESSION P	266 05 43 52	90	24.3	SURVEY W-Y
266 04 23 28	-69	-5.6	SHADOW PROGRESSION P	266 05 43 57	90	9.3	SURVEY W-Y
266 04 23 33	-69	-5.6	SHADOW PROGRESSION P	266 05 44 01	90	-5.6	SURVEY W-Y
266 04 23 43	-66	-10.5	SHADOW PROGRESSION P	266 05 44 06	90	-20.3	SURVEY W-Y
266 04 23 49	-66	-10.5	SHADOW PROGRESSION P	266 05 44 10	90	-35.3	SURVEY W-Y
266 04 23 58	-60	-10.5	SHADOW PROGRESSION P	266 05 44 14	90	-50.2	SURVEY W-Y
266 04 24 03	-60	-10.5	SHADOW PROGRESSION P	266 05 44 22	108	-50.2	SURVEY W-Y
266 04 24 15	-54	-10.5	SHADOW PROGRESSION P	266 05 44 26	108	-35.3	SURVEY W-Y
266 04 24 20	-54	-10.5	SHADOW PROGRESSION P	266 05 44 31	108	-20.3	SURVEY W-Y
266 04 24 28	-48	-10.5	SHADOW PROGRESSION P	266 05 45 24	126	-20.3	SURVEY W-Y
266 04 24 34	-48	-10.5	SHADOW PROGRESSION P	266 05 45 45	126	-35.3	SURVEY W-Y
266 04 24 45	-45	-15.3	SHADOW PROGRESSION P	266 05 45 49	126	-50.2	SURVEY W-Y
266 04 24 49	-45	-15.3	SHADOW PROGRESSION P	266 05 45 55	126	-65.1	SURVEY W-Y
266 04 24 58	-51	-15.3	SHADOW PROGRESSION P	266 05 46 01	108	-65.1	SURVEY W-Y
266 04 25 04	-51	-15.3	SHADOW PROGRESSION P	266 05 46 07	90	-65.1	SURVEY W-Y
266 04 25 11	-57	-15.3	SHADOW PROGRESSION P	266 05 46 11	72	-65.1	SURVEY W-Y
266 04 25 17	-57	-15.3	SHADOW PROGRESSION P	266 05 46 17	54	-65.1	SURVEY W-Y
266 04 25 26	-63	-15.3	SHADOW PROGRESSION P	266 05 46 22	36	-65.1	SURVEY W-Y
266 04 25 32	-63	-15.3	SHADOW PROGRESSION P	266 05 46 28	18	-65.1	SURVEY W-Y
266 04 25 43	-60	-20.3	SHADOW PROGRESSION P	266 05 46 34	0	-65.1	SURVEY W-Y
266 04 25 48	-60	-20.3	SHADOW PROGRESSION P	266 05 46 39	-18	-65.1	SURVEY W-Y
266 04 25 55	-54	-20.3	SHADOW PROGRESSION P	266 05 46 45	-36	-65.1	SURVEY W-Y
266 04 26 00	-54	-20.3	SHADOW PROGRESSION P	266 05 46 51	-54	-65.1	SURVEY W-Y
266 04 26 08	-48	-20.3	SHADOW PROGRESSION P	266 05 47 48	-54	-65.1	SURVEY W-Y
266 04 26 14	-48	-20.3	SHADOW PROGRESSION P	266 05 48 12	-90	-50.2	SURVEY W-Y
266 04 26 48	-60	-60.1	SHADOW PROGRESSION P	266 05 48 17	-90	-35.3	SURVEY W-Y
266 04 26 54	-60	-60.1	SHADOW PROGRESSION P	266 05 48 21	-90	-20.3	SURVEY W-Y
266 04 27 14	-60	-60.1	SHADOW PROGRESSION P	266 05 48 26	-90	-5.6	SURVEY W-Y
266 05 29 54	-63	-60.1	SURVEY W-Y	266 05 48 31	-108	-5.6	SURVEY W-Y
266 05 30 05	-63	-60.1	SURVEY W-Y	266 05 48 36	-108	-20.3	SURVEY W-Y
266 05 31 22	-54	-65.1	SURVEY W-Y	266 05 48 40	-108	-35.3	SURVEY W-Y
266 05 31 34	-60	-65.1	SURVEY W-Y	266 05 48 45	-108	-50.2	SURVEY W-Y

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
266 05 48 50	-126	-50.2	SURVEY W-Y	266 06 38 11	87	-50.2	SPECIAL M
266 05 49 21	-126	-50.2	SURVEY W-Y	266 06 38 16	84	-50.2	SPECIAL M
266 05 49 34	-126	-35.3	SURVEY W-Y	266 06 38 20	81	-50.2	SPECIAL M
266 05 49 39	-126	-20.3	SURVEY W-Y	266 06 38 25	78	-50.2	SPECIAL M
266 05 49 44	-126	-5.6	SURVEY W-Y	266 06 38 29	75	-50.2	SPECIAL M
266 05 49 48	144	-5.6	SURVEY W-Y	266 06 38 36	90	-55.2	SPECIAL M
266 05 49 53	-144	-20.3	SURVEY W-Y	266 06 38 41	93	-55.2	SPECIAL M
266 05 49 58	-144	-35.3	SURVEY W-Y	266 06 38 46	93	-55.2	SPECIAL M
266 05 50 01	-144	-50.2	SURVEY W-Y	266 06 38 51	99	-55.2	SPECIAL M
266 05 50 07	-162	-50.2	SURVEY W-Y	266 06 41 16	99	-55.2	SPECIAL M
266 05 50 12	-162	-35.3	SURVEY W-Y	266 06 41 55	99	-55.2	SPECIAL M
266 05 50 17	-162	-20.3	SURVEY W-Y	266 06 42 16	99	-55.2	SPECIAL M
266 05 50 21	-162	-5.6	SURVEY W-Y	266 06 43 54	54	-60.1	PHOTOMETRY K
266 05 50 27	-180	-5.6	SURVEY W-Y	266 06 45 41	-54	-60.1	PHOTOMETRY K
266 05 50 31	-180	-20.3	SURVEY W-Y	266 06 46 22	-54	-60.1	PHOTOMETRY K
266 05 50 36	-180	-35.3	SURVEY W-Y	266 06 47 05	-57	-60.1	PHOTOMETRY K
266 05 50 40	-180	-50.2	SURVEY W-Y	266 06 47 52	-57	-60.1	PHOTOMETRY K
266 05 50 48	-198	-50.2	SURVEY W-Y	266 06 53 22	-60	-60.1	PHOTOMETRY K
266 05 50 52	-198	-35.3	SURVEY W-Y	266 06 54 15	-60	-60.1	PHOTOMETRY K
266 05 50 56	-198	-20.3	SURVEY W-Y	266 06 54 24	-60	-60.1	PHOTOMETRY K
266 05 51 01	-198	-5.6	SURVEY W-Y	266 06 54 32	-60	-60.1	PHOTOMETRY K
266 05 51 06	-198	9.3	SURVEY W-Y	266 06 54 58	-60	-10.5	PHOTOMETRY K
266 05 51 11	-216	9.3	SURVEY W-Y	266 06 55 07	-60	-10.5	PHOTOMETRY K
266 05 51 15	-216	-5.6	SURVEY W-Y	266 06 55 15	-60	-10.5	PHOTOMETRY K
266 05 51 20	-216	-20.3	SURVEY W-Y	266 06 55 22	-57	-15.3	PHOTOMETRY K
266 05 51 25	-216	-35.3	SURVEY W-Y	266 06 55 31	-57	-15.3	PHOTOMETRY K
266 05 51 29	-216	-50.2	SURVEY W-Y	266 06 55 40	-57	-15.3	PHOTOMETRY K
266 05 51 35	-216	-65.1	SURVEY W-Y	266 06 55 47	-54	-20.3	PHOTOMETRY K
266 05 51 40	-198	-65.1	SURVEY W-Y	266 06 55 56	-54	-20.3	PHOTOMETRY K
266 05 51 46	-180	-65.1	SURVEY W-Y	266 06 56 04	-54	-20.3	PHOTOMETRY K
266 05 51 51	-162	-55.2	SURVEY W-Y	266 06 56 15	-54	-25.3	PHOTOMETRY K
266 05 51 57	-144	-65.1	SURVEY W-Y	266 06 56 54	-54	-25.3	PHOTOMETRY K
266 05 52 02	-126	-65.1	SURVEY W-Y	266 06 57 12	-54	-25.3	PHOTOMETRY K
266 05 52 08	-108	-65.1	SURVEY W-Y	266 06 57 20	-54	-25.3	PHOTOMETRY K
266 05 52 14	-90	-65.1	SURVEY W-Y	266 06 57 28	-48	-30.3	PHOTOMETRY K
266 05 52 22	-54	-65.1	SURVEY W-Y	266 06 57 35	-48	-30.3	PHOTOMETRY K
266 05 53 40	-60	-60.1	MAGNETS M	266 06 57 43	-48	-30.3	PHOTOMETRY K
266 05 54 32	-60	-60.1	MAGNETS M	266 06 57 52	-45	-35.3	PHOTOMETRY K
266 05 55 31	-60	-60.1	MAGNETS M	266 06 57 59	-45	-35.3	PHOTOMETRY K
266 05 58 33	-195	-40.3	MIRROR P	266 06 58 07	-45	-35.3	PHOTOMETRY K
266 05 59 46	-195	-40.3	MIRROR P	266 06 58 14	-42	-40.3	PHOTOMETRY K
266 06 00 20	-198	-40.3	MIRROR P	266 06 58 23	-42	-40.3	PHOTOMETRY K
266 06 01 32	-201	-40.3	MIRROR P	266 06 58 31	-42	-40.3	PHOTOMETRY K
266 06 01 36	-207	-40.3	MIRROR P	266 06 58 41	-39	-45.3	PHOTOMETRY K
266 06 01 41	-213	-40.3	MIRROR P	266 06 58 49	-39	-45.3	PHOTOMETRY K
266 06 02 14	-213	-40.3	MIRROR P	266 06 58 56	-39	-45.3	PHOTOMETRY K
266 06 02 37	-213	-35.3	MIRROR P	266 06 59 09	-30	-50.2	PHOTOMETRY K
266 06 02 42	-210	-35.3	MIRROR P	266 06 59 28	-30	-50.2	PHOTOMETRY K
266 06 02 45	-207	-35.3	MIRROR P	266 06 59 37	-30	-50.2	PHOTOMETRY K
266 06 02 50	-204	-35.3	MIRROR P	266 06 59 43	-27	-50.2	PHOTOMETRY K
266 06 02 55	-201	-35.3	MIRROR P	266 06 59 52	-27	-50.2	PHOTOMETRY K
266 06 02 59	-198	-40.3	MIRROR P	266 07 00 01	-27	-50.2	PHOTOMETRY K
266 06 03 26	-201	-40.3	MIRROR P	266 07 00 17	-18	-55.2	PHOTOMETRY K
266 06 03 33	-204	-40.3	MIRROR P	266 07 00 26	-18	-55.2	PHOTOMETRY K
266 06 03 40	-207	-40.3	MIRROR P	266 07 00 35	-18	-55.2	PHOTOMETRY K
266 06 03 46	-210	-40.3	MIRROR P	266 07 00 45	-9	-55.2	PHOTOMETRY K
266 06 03 52	-210	-45.3	MIRROR P	266 07 00 53	-9	-55.2	PHOTOMETRY K
266 06 03 57	-207	-45.3	MIRROR P	266 07 01 01	-9	-55.2	PHOTOMETRY K
266 06 04 00	-204	-45.3	MIRROR P	266 07 01 12	0	-60.1	PHOTOMETRY K
266 06 04 05	-201	-45.3	MIRROR P	266 07 01 21	0	-60.1	PHOTOMETRY K
266 06 04 10	-198	-45.3	MIRROR P	266 07 01 29	0	-60.1	PHOTOMETRY K
266 06 04 15	-195	-45.3	MIRROR P	266 07 01 38	6	-60.1	PHOTOMETRY K
266 06 31 36	-195	-45.3	SPECIAL M	266 07 01 47	6	-60.1	PHOTOMETRY K
266 06 32 25	-210	-45.3	SPECIAL M	266 07 01 55	6	-60.1	PHOTOMETRY K
266 06 33 34	-213	-45.3	SPECIAL M	266 07 02 04	6	-60.1	PHOTOMETRY K
266 06 33 37	-216	-45.3	SPECIAL M	266 07 02 19	6	-60.1	PHOTOMETRY K
266 06 33 42	-216	-50.2	SPECIAL M	266 07 02 27	6	-60.1	PHOTOMETRY K
266 06 33 47	-213	-50.2	SPECIAL M	266 07 02 38	18	-60.1	PHOTOMETRY K
266 06 33 52	-210	-50.2	SPECIAL M	266 07 02 47	18	-60.1	PHOTOMETRY K
266 06 33 56	-207	-50.2	SPECIAL M	266 07 02 55	18	-60.1	PHOTOMETRY K
266 06 34 00	-204	-50.2	SPECIAL M	266 07 03 06	27	-60.1	PHOTOMETRY K
266 06 34 05	-201	-50.2	SPECIAL M	266 07 03 14	27	-60.1	PHOTOMETRY K
266 06 34 09	-201	-55.2	SPECIAL M	266 07 03 22	27	-60.1	PHOTOMETRY K
266 06 34 14	-204	-55.2	SPECIAL M	266 07 03 32	36	-60.1	PHOTOMETRY K
266 06 34 18	-207	-55.2	SPECIAL M	266 07 03 40	36	-60.1	PHOTOMETRY K
266 06 34 23	-210	-55.2	SPECIAL M	266 07 03 49	36	-60.1	PHOTOMETRY K
266 06 34 27	-213	-55.2	SPECIAL M	266 07 03 59	45	-60.1	PHOTOMETRY K
266 06 34 32	-216	-55.2	SPECIAL M	266 07 04 08	45	-60.1	PHOTOMETRY K
266 06 36 37	81	-45.3	SPECIAL M	266 07 04 16	45	-60.1	PHOTOMETRY K
266 06 37 26	84	-45.3	SPECIAL M	266 07 04 27	54	-55.2	PHOTOMETRY K
266 06 37 31	87	-45.3	SPECIAL M	266 07 05 06	54	-55.2	PHOTOMETRY K
266 06 37 36	90	-45.3	SPECIAL M	266 07 05 21	54	-55.2	PHOTOMETRY K
266 06 37 39	93	-45.3	SPECIAL M	266 07 05 29	54	-55.2	PHOTOMETRY K
266 06 37 44	96	-45.3	SPECIAL M	266 07 05 40	63	-55.2	PHOTOMETRY K
266 06 37 49	99	-45.3	SPECIAL M	266 07 05 48	63	-55.2	PHOTOMETRY K
266 06 37 54	99	-50.2	SPECIAL M	266 07 05 56	63	-55.2	PHOTOMETRY K
266 06 37 58	96	-50.2	SPECIAL M	266 07 07 13	96	-30.3	PHOTOMETRY K
266 06 38 02	93	-50.2	SPECIAL M	266 07 07 21	96	-30.3	PHOTOMETRY K
266 06 38 07	90	-50.2	SPECIAL M	266 07 07 30	96	-30.3	PHOTOMETRY K

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
266 07 07 40	99	-25.3	PHOTOMETRY K	266 07 41 11	-78	-60.1	PHOTOMETRY K
266 07 08 02	99	-25.3	PHOTOMETRY K	266 07 41 27	-78	-60.1	PHOTOMETRY K
266 07 08 10	99	-25.3	PHOTOMETRY K	266 07 41 35	-78	-60.1	PHOTOMETRY K
266 07 08 21	102	-20.3	PHOTOMETRY K	266 07 42 19	-156	-40.3	PHOTOMETRY K
266 07 08 29	102	-20.3	PHOTOMETRY K	266 07 42 29	-156	-40.3	PHOTOMETRY K
266 07 08 38	102	-20.3	PHOTOMETRY K	266 07 42 37	-156	-40.3	PHOTOMETRY K
266 07 08 49	105	-15.3	PHOTOMETRY K	266 07 42 49	-156	-30.3	PHOTOMETRY K
266 07 08 57	105	-15.3	PHOTOMETRY K	266 07 42 58	-156	-30.3	PHOTOMETRY K
266 07 09 05	105	-15.3	PHOTOMETRY K	266 07 43 06	-156	-30.3	PHOTOMETRY K
266 07 09 16	108	-10.5	PHOTOMETRY K	266 07 44 03	-60	-60.1	PHOTOMETRY K
266 07 09 32	108	-10.5	PHOTOMETRY K	266 07 45 50	-57	-60.1	PHOTOMETRY K
266 07 09 40	108	-10.5	PHOTOMETRY K	266 07 46 01	-57	-60.1	PHOTOMETRY K
266 07 09 51	111	-5.6	PHOTOMETRY K	266 07 46 33	-57	-60.1	PHOTOMETRY K
266 07 09 59	111	-5.6	PHOTOMETRY K	266 07 46 44	-57	-60.1	PHOTOMETRY K
266 07 10 07	111	-5.6	PHOTOMETRY K	266 07 48 53	-57	-60.1	PHOTOMETRY K
266 07 10 18	114	-0.7	PHOTOMETRY K	266 07 49 04	-57	-60.1	PHOTOMETRY K
266 07 10 27	114	-0.7	PHOTOMETRY K	266 07 50 08	-57	-60.1	PHOTOMETRY K
266 07 10 36	114	-0.7	PHOTOMETRY K	266 07 50 14	-57	-60.1	PHOTOMETRY K
266 07 11 04	75	24.3	PHOTOMETRY K	266 07 51 29	-57	-60.1	PHOTOMETRY K
266 07 11 12	75	24.3	PHOTOMETRY K	266 07 51 34	-57	-60.1	PHOTOMETRY K
266 07 11 20	75	24.3	PHOTOMETRY K	266 07 52 54	-57	-60.1	PHOTOMETRY K
266 07 11 35	72	14.4	PHOTOMETRY K	266 07 52 59	-57	-60.1	PHOTOMETRY K
266 07 22 26	72	14.4	PHOTOMETRY K	266 07 54 46	-60	-60.1	PHOTOMETRY K
266 07 22 34	72	14.4	PHOTOMETRY K	266 08 29 37	-66	-60.1	PHOTOMETRY K
266 07 22 46	69	4.3	PHOTOMETRY K	266 08 31 43	-48	-20.3	SHADOW PROGRESSION Q
266 07 22 55	69	4.3	PHOTOMETRY K	266 08 32 13	-48	-20.3	SHADOW PROGRESSION Q
266 07 23 03	69	4.3	PHOTOMETRY K	266 08 32 46	-69	-5.6	SHADOW PROGRESSION Q
266 07 23 15	66	-5.6	PHOTOMETRY K	266 08 33 17	-51	-5.6	SHADOW PROGRESSION Q
266 07 23 23	66	-5.6	PHOTOMETRY K	266 08 34 51	-51	4.3	SHADOW PROGRESSION Q
266 07 23 32	66	-5.6	PHOTOMETRY K	266 08 34 57	-57	4.3	SHADOW PROGRESSION Q
266 07 23 49	51	-5.6	PHOTOMETRY K	266 08 35 44	-57	4.3	SHADOW PROGRESSION Q
266 07 24 34	60	-10.5	PHOTOMETRY K	266 08 35 50	-57	4.3	SHADOW PROGRESSION Q
266 07 24 42	60	-10.5	PHOTOMETRY K	266 08 36 27	45	-0.7	SHADOW PROGRESSION Q
266 07 24 51	60	-10.5	PHOTOMETRY K	266 08 36 33	-66	-0.7	SHADOW PROGRESSION Q
266 07 25 03	57	-20.3	PHOTOMETRY K	266 08 37 16	-63	-0.7	SHADOW PROGRESSION Q
266 07 25 11	57	-20.3	PHOTOMETRY K	266 08 37 22	-63	-0.7	SHADOW PROGRESSION Q
266 07 25 19	57	-20.3	PHOTOMETRY K	266 08 38 07	-54	-0.7	SHADOW PROGRESSION Q
266 07 25 30	54	-30.3	PHOTOMETRY K	266 08 38 13	-54	-0.7	SHADOW PROGRESSION Q
266 07 25 50	54	-30.3	PHOTOMETRY K	266 08 39 05	-54	-5.6	SHADOW PROGRESSION Q
266 07 26 00	54	-30.3	PHOTOMETRY K	266 08 39 11	-54	-5.6	SHADOW PROGRESSION Q
266 07 26 18	24	-30.3	PHOTOMETRY K	266 08 39 47	-57	-5.6	SHADOW PROGRESSION Q
266 07 26 26	24	-30.3	PHOTOMETRY K	266 08 39 53	-57	-5.6	SHADOW PROGRESSION Q
266 07 26 45	24	-20.3	PHOTOMETRY K	266 08 40 42	-63	-5.6	SHADOW PROGRESSION Q
266 07 26 54	24	-20.3	PHOTOMETRY K	266 08 40 48	-63	-5.6	SHADOW PROGRESSION Q
266 07 27 02	24	-20.3	PHOTOMETRY K	266 08 41 27	-69	-5.6	SHADOW PROGRESSION Q
266 07 27 16	24	-10.5	PHOTOMETRY K	266 08 41 33	-69	-5.6	SHADOW PROGRESSION Q
266 07 27 25	24	-10.5	PHOTOMETRY K	266 08 42 25	-66	-10.5	SHADOW PROGRESSION Q
266 07 27 33	24	-10.5	PHOTOMETRY K	266 08 42 31	-66	-10.5	SHADOW PROGRESSION Q
266 07 27 44	24	-0.7	PHOTOMETRY K	266 08 43 12	-60	-10.5	SHADOW PROGRESSION Q
266 07 27 52	24	-0.7	PHOTOMETRY K	266 08 43 18	-66	-10.5	SHADOW PROGRESSION Q
266 07 28 01	24	-0.7	PHOTOMETRY K	266 08 44 03	-54	-10.5	SHADOW PROGRESSION Q
266 07 28 11	24	9.3	PHOTOMETRY K	266 08 44 08	-54	-10.5	SHADOW PROGRESSION Q
266 07 28 20	24	9.3	PHOTOMETRY K	266 08 44 47	-54	-10.5	SHADOW PROGRESSION Q
266 07 28 29	24	9.3	PHOTOMETRY K	266 08 44 53	-48	-10.5	SHADOW PROGRESSION Q
266 07 28 41	24	19.4	PHOTOMETRY K	266 08 45 39	-45	-15.3	SHADOW PROGRESSION Q
266 07 28 50	24	19.4	PHOTOMETRY K	266 08 45 45	-45	-15.3	SHADOW PROGRESSION Q
266 07 28 58	24	19.4	PHOTOMETRY K	266 08 46 26	-51	-15.3	SHADOW PROGRESSION Q
266 07 29 23	-21	9.3	PHOTOMETRY K	266 08 46 32	-51	-15.3	SHADOW PROGRESSION Q
266 07 30 25	-21	9.3	PHOTOMETRY K	266 08 47 04	-57	-15.3	SHADOW PROGRESSION Q
266 07 30 39	-21	9.3	PHOTOMETRY K	266 08 47 10	-60	-15.3	SHADOW PROGRESSION Q
266 07 30 47	-21	9.3	PHOTOMETRY K	266 08 47 53	-69	-15.3	SHADOW PROGRESSION Q
266 07 30 59	-18	-0.7	PHOTOMETRY K	266 08 47 59	-69	-15.3	SHADOW PROGRESSION Q
266 07 31 07	-18	-0.7	PHOTOMETRY K	266 08 48 49	-60	-20.3	SHADOW PROGRESSION Q
266 07 31 16	-18	-0.7	PHOTOMETRY K	266 08 48 55	-60	-20.3	SHADOW PROGRESSION Q
266 07 31 29	-15	-10.5	PHOTOMETRY K	266 08 49 21	-54	-20.3	SHADOW PROGRESSION Q
266 07 31 37	-15	-10.5	PHOTOMETRY K	266 08 49 27	-54	-20.3	SHADOW PROGRESSION Q
266 07 31 46	-15	-10.5	PHOTOMETRY K	266 08 50 02	-48	-20.3	SHADOW PROGRESSION Q
266 07 31 59	-9	-20.3	PHOTOMETRY K	266 08 50 08	-48	-20.3	SHADOW PROGRESSION Q
266 07 32 07	-9	-20.3	PHOTOMETRY K	266 08 52 00	-60	-60.1	SHADOW PROGRESSION Q
266 07 32 19	-9	-20.3	PHOTOMETRY K	266 08 52 06	-60	-60.1	SHADOW PROGRESSION Q
266 07 32 31	-6	-30.3	PHOTOMETRY K	266 08 53 17	-69	-55.2	SHADOW PROGRESSION Q
266 07 32 39	-6	-30.3	PHOTOMETRY K	266 08 58 54	-201	-65.1	SURVEY K SECTORS 1,2
266 07 32 48	-6	-30.3	PHOTOMETRY K	266 08 59 06	-213	-65.1	SURVEY K SECTORS 1,2
266 07 32 58	0	-40.3	PHOTOMETRY K	266 08 59 56	-207	-65.1	SURVEY K SECTORS 1,2
266 07 33 08	0	-40.3	PHOTOMETRY K	266 09 00 01	-201	-65.1	SURVEY K SECTORS 1,2
266 07 33 16	0	-40.3	PHOTOMETRY K	266 09 00 06	-195	-65.1	SURVEY K SECTORS 1,2
266 07 34 22	-105	-30.3	PHOTOMETRY K	266 09 00 10	-189	-65.1	SURVEY K SECTORS 1,2
266 07 34 45	-105	-30.3	PHOTOMETRY K	266 09 00 14	-183	-65.1	SURVEY K SECTORS 1,2
266 07 34 53	-105	-30.3	PHOTOMETRY K	266 09 00 19	-180	-60.1	SURVEY K SECTORS 1,2
266 07 35 09	-99	-40.3	PHOTOMETRY K	266 09 00 23	-186	-60.1	SURVEY K SECTORS 1,2
266 07 35 17	-99	-40.3	PHOTOMETRY K	266 09 00 28	-192	-60.1	SURVEY K SECTORS 1,2
266 07 35 26	-99	-40.3	PHOTOMETRY K	266 09 00 32	-198	-60.1	SURVEY K SECTORS 1,2
266 07 35 40	-93	-50.2	PHOTOMETRY K	266 09 00 37	-204	-60.1	SURVEY K SECTORS 1,2
266 07 35 48	-93	-50.2	PHOTOMETRY K	266 09 00 41	-210	-60.1	SURVEY K SECTORS 1,2
266 07 35 57	-93	-50.2	PHOTOMETRY K	266 09 00 46	-213	-55.2	SURVEY K SECTORS 1,2
266 07 36 07	-87	-55.2	PHOTOMETRY K	266 09 00 50	-207	-55.2	SURVEY K SECTORS 1,2
266 07 36 17	-87	-55.2	PHOTOMETRY K	266 09 00 55	-201	-55.2	SURVEY K SECTORS 1,2
266 07 36 25	-87	-55.2	PHOTOMETRY K	266 09 00 59	-195	-55.2	SURVEY K SECTORS 1,2
266 07 36 36	-78	-60.1	PHOTOMETRY K	266 09 01 04	-189	-55.2	SURVEY K SECTORS 1,2

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
266 09 01 09	-183	-55.2	SURVEY K SECTORS 1,2	266 09 15 56	-171	-35.3	SURVEY K SECTORS 3,4
266 09 01 12	-180	-50.2	SURVEY K SECTORS 1,2	266 09 16 01	-165	-35.3	SURVEY K SECTORS 3,4
266 09 01 17	-186	-50.2	SURVEY K SECTORS 1,2	266 09 16 06	-159	-35.3	SURVEY K SECTORS 3,4
266 09 01 22	-192	-50.2	SURVEY K SECTORS 1,2	266 09 16 09	-153	-35.3	SURVEY K SECTORS 3,4
266 09 01 27	-198	-50.2	SURVEY K SECTORS 1,2	266 09 16 14	-147	-35.3	SURVEY K SECTORS 3,4
266 09 01 30	-204	-50.2	SURVEY K SECTORS 1,2	266 09 16 19	-144	-30.3	SURVEY K SECTORS 3,4
266 09 01 35	-210	-50.2	SURVEY K SECTORS 1,2	266 09 17 15	-144	-30.3	SURVEY K SECTORS 3,4
266 09 01 40	-213	-45.3	SURVEY K SECTORS 1,2	266 09 17 45	-150	-30.3	SURVEY K SECTORS 3,4
266 09 01 45	-207	-45.3	SURVEY K SECTORS 1,2	266 09 17 49	-156	-30.3	SURVEY K SECTORS 3,4
266 09 01 48	-201	-45.3	SURVEY K SECTORS 1,2	266 09 17 54	-162	-30.3	SURVEY K SECTORS 3,4
266 09 01 53	-195	-45.3	SURVEY K SECTORS 1,2	266 09 17 59	-168	-30.3	SURVEY K SECTORS 3,4
266 09 01 58	-189	-45.3	SURVEY K SECTORS 1,2	266 09 18 04	-174	-30.3	SURVEY K SECTORS 3,4
266 09 02 03	-183	-45.3	SURVEY K SECTORS 1,2	266 09 18 07	-177	-25.3	SURVEY K SECTORS 3,4
266 09 02 11	-180	-40.3	SURVEY K SECTORS 1,2	266 09 18 12	-171	-25.3	SURVEY K SECTORS 3,4
266 09 02 14	-186	-40.3	SURVEY K SECTORS 1,2	266 09 18 17	-165	-25.3	SURVEY K SECTORS 3,4
266 09 02 19	-192	-40.3	SURVEY K SECTORS 1,2	266 09 18 22	-159	-25.3	SURVEY K SECTORS 3,4
266 09 02 24	-198	-40.3	SURVEY K SECTORS 1,2	266 09 18 25	-153	-25.3	SURVEY K SECTORS 3,4
266 09 02 29	-204	-40.3	SURVEY K SECTORS 1,2	266 09 18 30	-147	-25.3	SURVEY K SECTORS 3,4
266 09 02 32	-210	-40.3	SURVEY K SECTORS 1,2	266 09 22 17	-141	-65.1	SURVEY K SECTORS 5,6
266 09 02 37	-213	-35.3	SURVEY K SECTORS 1,2	266 09 22 43	-135	-65.1	SURVEY K SECTORS 5,6
266 09 02 42	-207	-35.3	SURVEY K SECTORS 1,2	266 09 22 48	-129	-65.1	SURVEY K SECTORS 5,6
266 09 02 47	-201	-35.3	SURVEY K SECTORS 1,2	266 09 22 53	-123	-65.1	SURVEY K SECTORS 5,6
266 09 02 50	-195	-35.3	SURVEY K SECTORS 1,2	266 09 22 58	-117	-65.1	SURVEY K SECTORS 5,6
266 09 02 55	-189	-35.3	SURVEY K SECTORS 1,2	266 09 23 01	-111	-65.1	SURVEY K SECTORS 5,6
266 09 03 00	-183	-35.3	SURVEY K SECTORS 1,2	266 09 23 06	-108	-60.1	SURVEY K SECTORS 5,6
266 09 03 05	-180	-30.3	SURVEY K SECTORS 1,2	266 09 23 11	-114	-60.1	SURVEY K SECTORS 5,6
266 09 03 34	-180	-30.3	SURVEY K SECTORS 1,2	266 09 23 16	-120	-60.1	SURVEY K SECTORS 5,6
266 09 03 49	-186	-30.3	SURVEY K SECTORS 1,2	266 09 23 19	-126	-60.1	SURVEY K SECTORS 5,6
266 09 03 54	-192	-30.3	SURVEY K SECTORS 1,2	266 09 23 24	-132	-60.1	SURVEY K SECTORS 5,6
266 09 03 58	-198	-30.3	SURVEY K SECTORS 1,2	266 09 23 29	-138	-60.1	SURVEY K SECTORS 5,6
266 09 04 03	-204	-30.3	SURVEY K SECTORS 1,2	266 09 23 34	-141	-55.2	SURVEY K SECTORS 5,6
266 09 04 08	-210	-25.3	SURVEY K SECTORS 1,2	266 09 23 38	-135	-55.2	SURVEY K SECTORS 5,6
266 09 04 11	-213	-25.3	SURVEY K SECTORS 1,2	266 09 23 42	-129	-55.2	SURVEY K SECTORS 5,6
266 09 04 16	-207	-25.3	SURVEY K SECTORS 1,2	266 09 23 47	-123	-55.2	SURVEY K SECTORS 5,6
266 09 04 21	-201	-25.3	SURVEY K SECTORS 1,2	266 09 23 51	-117	-55.2	SURVEY K SECTORS 5,6
266 09 04 26	-195	-25.3	SURVEY K SECTORS 1,2	266 09 23 56	-111	-55.2	SURVEY K SECTORS 5,6
266 09 04 29	-189	-25.3	SURVEY K SECTORS 1,2	266 09 24 00	-108	-50.2	SURVEY K SECTORS 5,6
266 09 04 34	-183	-25.3	SURVEY K SECTORS 1,2	266 09 24 05	-114	-50.2	SURVEY K SECTORS 5,6
266 09 04 39	-180	-20.3	SURVEY K SECTORS 1,2	266 09 24 09	-120	-50.2	SURVEY K SECTORS 5,6
266 09 04 44	-186	-20.3	SURVEY K SECTORS 1,2	266 09 24 14	-126	-50.2	SURVEY K SECTORS 5,6
266 09 04 47	-192	-20.3	SURVEY K SECTORS 1,2	266 09 24 18	-132	-50.2	SURVEY K SECTORS 5,6
266 09 04 52	-198	-20.3	SURVEY K SECTORS 1,2	266 09 24 22	-138	-50.2	SURVEY K SECTORS 5,6
266 09 04 57	-204	-20.3	SURVEY K SECTORS 1,2	266 09 24 51	-141	-45.3	SURVEY K SECTORS 5,6
266 09 05 02	-210	-20.3	SURVEY K SECTORS 1,2	266 09 24 55	-135	-45.3	SURVEY K SECTORS 5,6
266 09 05 09	-213	-15.3	SURVEY K SECTORS 1,2	266 09 25 00	-129	-45.3	SURVEY K SECTORS 5,6
266 09 05 12	-207	-15.3	SURVEY K SECTORS 1,2	266 09 25 04	-123	-45.3	SURVEY K SECTORS 5,6
266 09 05 17	-201	-15.3	SURVEY K SECTORS 1,2	266 09 25 09	-117	-45.3	SURVEY K SECTORS 5,6
266 09 05 22	-195	-15.3	SURVEY K SECTORS 1,2	266 09 25 13	-111	-45.3	SURVEY K SECTORS 5,6
266 09 05 27	-189	-15.3	SURVEY K SECTORS 1,2	266 09 25 17	-108	-40.3	SURVEY K SECTORS 5,6
266 09 05 30	-183	-15.3	SURVEY K SECTORS 1,2	266 09 25 22	-114	-40.3	SURVEY K SECTORS 5,6
266 09 06 23	-177	-65.1	SURVEY K SECTORS 3,4	266 09 25 27	-120	-40.3	SURVEY K SECTORS 5,6
266 09 08 08	-177	-65.1	SURVEY K SECTORS 3,4	266 09 25 32	-126	-40.3	SURVEY K SECTORS 5,6
266 09 13 06	-177	-65.1	SURVEY K SECTORS 3,4	266 09 25 35	-132	-40.3	SURVEY K SECTORS 5,6
266 09 13 11	-171	-65.1	SURVEY K SECTORS 3,4	266 09 25 40	-138	-40.3	SURVEY K SECTORS 5,6
266 09 13 16	-165	-65.1	SURVEY K SECTORS 3,4	266 09 25 45	-141	-35.3	SURVEY K SECTORS 5,6
266 09 13 21	-159	-65.1	SURVEY K SECTORS 3,4	266 09 25 50	-135	-35.3	SURVEY K SECTORS 5,6
266 09 13 24	-153	-65.1	SURVEY K SECTORS 3,4	266 09 25 54	-129	-35.3	SURVEY K SECTORS 5,6
266 09 13 29	-147	-65.1	SURVEY K SECTORS 3,4	266 09 26 28	-129	-35.3	SURVEY K SECTORS 5,6
266 09 13 34	-144	-60.1	SURVEY K SECTORS 3,4	266 09 26 40	-123	-35.3	SURVEY K SECTORS 5,6
266 09 13 39	-150	-60.1	SURVEY K SECTORS 3,4	266 09 26 45	-117	-35.3	SURVEY K SECTORS 5,6
266 09 13 42	-156	-60.1	SURVEY K SECTORS 3,4	266 09 26 49	-111	-35.3	SURVEY K SECTORS 5,6
266 09 13 47	-162	-60.1	SURVEY K SECTORS 3,4	266 09 26 54	-108	-30.3	SURVEY K SECTORS 5,6
266 09 13 52	-168	-60.1	SURVEY K SECTORS 3,4	266 09 26 58	-114	-30.3	SURVEY K SECTORS 5,6
266 09 13 57	-174	-60.1	SURVEY K SECTORS 3,4	266 09 27 03	-120	-30.3	SURVEY K SECTORS 5,6
266 09 14 00	-177	-55.2	SURVEY K SECTORS 3,4	266 09 27 07	-126	-30.3	SURVEY K SECTORS 5,6
266 09 14 05	-171	-55.2	SURVEY K SECTORS 3,4	266 09 27 12	-132	-30.3	SURVEY K SECTORS 5,6
266 09 14 10	-165	-55.2	SURVEY K SECTORS 3,4	266 09 27 16	-138	-30.3	SURVEY K SECTORS 5,6
266 09 14 15	-159	-55.2	SURVEY K SECTORS 3,4	266 09 27 24	-141	-25.3	SURVEY K SECTORS 5,6
266 09 14 19	-153	-55.2	SURVEY K SECTORS 3,4	266 09 27 29	-135	-25.3	SURVEY K SECTORS 5,6
266 09 14 23	-147	-55.2	SURVEY K SECTORS 3,4	266 09 27 34	-129	-25.3	SURVEY K SECTORS 5,6
266 09 14 28	-144	-50.2	SURVEY K SECTORS 3,4	266 09 27 37	-123	-25.3	SURVEY K SECTORS 5,6
266 09 14 32	-150	-50.2	SURVEY K SECTORS 3,4	266 09 27 42	-117	-25.3	SURVEY K SECTORS 5,6
266 09 14 37	-156	-50.2	SURVEY K SECTORS 3,4	266 09 27 47	-111	-25.3	SURVEY K SECTORS 5,6
266 09 14 41	-162	-50.2	SURVEY K SECTORS 3,4	266 09 27 53	-108	-20.3	SURVEY K SECTORS 5,6
266 09 14 46	-168	-50.2	SURVEY K SECTORS 3,4	266 09 27 56	-114	-20.3	SURVEY K SECTORS 5,6
266 09 14 50	-174	-50.2	SURVEY K SECTORS 3,4	266 09 29 51	-105	-65.1	SURVEY K SECTORS 7,8
266 09 14 55	-177	-45.3	SURVEY K SECTORS 3,4	266 09 30 20	-105	-65.1	SURVEY K SECTORS 7,8
266 09 14 59	-171	-45.3	SURVEY K SECTORS 3,4	266 09 30 23	-99	-65.1	SURVEY K SECTORS 7,8
266 09 15 03	-165	-45.3	SURVEY K SECTORS 3,4	266 09 30 28	-93	-65.1	SURVEY K SECTORS 7,8
266 09 15 08	-159	-45.3	SURVEY K SECTORS 3,4	266 09 30 33	-87	-65.1	SURVEY K SECTORS 7,8
266 09 15 13	-153	-45.3	SURVEY K SECTORS 3,4	266 09 30 38	-81	-65.1	SURVEY K SECTORS 7,8
266 09 15 18	-147	-45.3	SURVEY K SECTORS 3,4	266 09 30 41	-75	-65.1	SURVEY K SECTORS 7,8
266 09 15 25	-144	-40.3	SURVEY K SECTORS 3,4	266 09 30 46	-72	-60.1	SURVEY K SECTORS 7,8
266 09 15 30	-150	-40.3	SURVEY K SECTORS 3,4	266 09 30 51	-78	-60.1	SURVEY K SECTORS 7,8
266 09 15 33	-156	-40.3	SURVEY K SECTORS 3,4	266 09 30 56	-84	-60.1	SURVEY K SECTORS 7,8
266 09 15 38	-162	-40.3	SURVEY K SECTORS 3,4	266 09 30 59	-90	-60.1	SURVEY K SECTORS 7,8
266 09 15 43	-168	-40.3	SURVEY K SECTORS 3,4	266 09 31 04	-96	-60.1	SURVEY K SECTORS 7,8
266 09 15 48	-174	-40.3	SURVEY K SECTORS 3,4	266 09 31 09	-102	-60.1	SURVEY K SECTORS 7,8
266 09 15 51	-177	-35.3	SURVEY K SECTORS 3,4	266 09 31 13	-105	-55.2	SURVEY K SECTORS 7,8

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
266 09 31 18	-99	-55.2	SURVEY K SECTORS 7,8	266 09 51 11	-57	-60.1	MAGNETS N
266 09 31 22	-93	-55.2	SURVEY K SECTORS 7,8	266 09 51 21	-57	-60.1	MAGNETS N
266 09 31 27	-87	-55.2	SURVEY K SECTORS 7,8	266 09 52 21	-57	-60.1	MAGNETS N
266 09 31 31	-81	-55.2	SURVEY K SECTORS 7,8	266 09 52 49	-57	-60.1	MAGNETS N
266 09 31 36	-75	-55.2	SURVEY K SECTORS 7,8	266 09 52 58	-57	-60.1	MAGNETS N
266 09 31 40	-72	-50.2	SURVEY K SECTORS 7,8	266 09 53 39	-57	-60.1	MAGNETS N
266 09 31 44	-78	-50.2	SURVEY K SECTORS 7,8	266 09 53 49	-57	-60.1	MAGNETS N
266 09 31 49	-84	-50.2	SURVEY K SECTORS 7,8	266 09 54 10	-57	-60.1	MAGNETS N
266 09 31 54	-90	-50.2	SURVEY K SECTORS 7,8	266 09 54 20	-57	-60.1	MAGNETS N
266 09 31 58	-96	-50.2	SURVEY K SECTORS 7,8	266 09 55 06	-60	-60.1	MAGNETS N
266 09 32 02	-102	-50.2	SURVEY K SECTORS 7,8	266 09 55 16	-57	-60.1	MAGNETS N
266 09 32 11	-105	-45.3	SURVEY K SECTORS 7,8	266 09 56 10	-57	-60.1	MAGNETS N
266 09 32 16	-99	-45.3	SURVEY K SECTORS 7,8	266 09 59 13	-57	-60.1	MAGNETS N
266 09 32 20	-93	-45.3	SURVEY K SECTORS 7,8	266 09 59 24	-57	-60.1	MAGNETS N
266 09 32 25	-87	-45.3	SURVEY K SECTORS 7,8	266 10 00 16	-57	-60.1	MAGNETS N
266 09 32 29	-81	-45.3	SURVEY K SECTORS 7,8	266 10 00 27	-57	-60.1	MAGNETS N
266 09 32 33	-75	-45.3	SURVEY K SECTORS 7,8	266 10 01 13	-57	-60.1	MAGNETS N
266 09 32 38	-72	-40.3	SURVEY K SECTORS 7,8	266 10 02 13	-57	-60.1	MAGNETS N
266 09 32 43	-78	-40.3	SURVEY K SECTORS 7,8	266 10 02 55	-60	-60.1	MAGNETS N
266 09 32 47	-84	-40.3	SURVEY K SECTORS 7,8	266 10 03 19	-66	-60.1	SURVEY K SECTORS 9,10
266 09 32 51	-90	-40.3	SURVEY K SECTORS 7,8	266 10 03 22	-69	-55.2	SURVEY K SECTORS 9,10
266 09 32 56	-96	-40.3	SURVEY K SECTORS 7,8	266 10 03 27	-63	-55.2	SURVEY K SECTORS 9,10
266 09 33 01	-102	-40.3	SURVEY K SECTORS 7,8	266 10 03 32	-57	-55.2	SURVEY K SECTORS 9,10
266 09 33 06	-105	-35.3	SURVEY K SECTORS 7,8	266 10 03 37	-51	-55.2	SURVEY K SECTORS 9,10
266 09 33 11	-99	-35.3	SURVEY K SECTORS 7,8	266 10 03 40	-45	-55.2	SURVEY K SECTORS 9,10
266 09 33 14	-93	-35.3	SURVEY K SECTORS 7,8	266 10 03 45	-39	-55.2	SURVEY K SECTORS 9,10
266 09 33 19	-87	-35.3	SURVEY K SECTORS 7,8	266 10 03 50	-33	-55.2	SURVEY K SECTORS 11,12
266 09 33 24	-81	-35.3	SURVEY K SECTORS 7,8	266 10 03 55	-30	-50.2	SURVEY K SECTORS 11,12
266 09 33 28	-75	-35.3	SURVEY K SECTORS 7,8	266 10 04 00	-36	-50.2	SURVEY K SECTORS 9,10
266 09 33 31	-72	-30.3	SURVEY K SECTORS 7,8	266 10 04 03	-42	-50.2	SURVEY K SECTORS 9,10
266 09 37 26	-72	-30.3	SURVEY K SECTORS 7,8	266 10 04 08	-48	-50.2	SURVEY K SECTORS 9,10
266 09 37 31	-78	-30.3	SURVEY K SECTORS 7,8	266 10 04 13	-54	-50.2	SURVEY K SECTORS 9,10
266 09 37 36	-84	-30.3	SURVEY K SECTORS 7,8	266 10 04 17	-60	-50.2	SURVEY K SECTORS 9,10
266 09 37 41	-90	-30.3	SURVEY K SECTORS 7,8	266 10 04 21	-66	-50.2	SURVEY K SECTORS 9,10
266 09 37 44	-96	-30.3	SURVEY K SECTORS 7,8	266 10 04 26	-69	-45.3	SURVEY K SECTORS 9,10
266 09 37 49	-102	-30.3	SURVEY K SECTORS 7,8	266 10 04 31	-63	-45.3	SURVEY K SECTORS 9,10
266 09 37 57	-105	-25.3	SURVEY K SECTORS 7,8	266 10 04 35	-57	-45.3	SURVEY K SECTORS 9,10
266 09 38 02	-99	-25.3	SURVEY K SECTORS 7,8	266 10 04 39	-51	-45.3	SURVEY K SECTORS 9,10
266 09 38 06	-93	-25.3	SURVEY K SECTORS 7,8	266 10 04 44	-45	-45.3	SURVEY K SECTORS 9,10
266 09 38 10	-87	-25.3	SURVEY K SECTORS 7,8	266 10 04 48	-39	-45.3	SURVEY K SECTORS 9,10
266 09 38 15	-81	-25.3	SURVEY K SECTORS 7,8	266 10 04 53	-33	-45.3	SURVEY K SECTORS 11,12
266 09 38 20	-75	-25.3	SURVEY K SECTORS 7,8	266 10 05 00	-30	-40.3	SURVEY K SECTORS 11,12
266 09 38 25	-72	-20.3	SURVEY K SECTORS 7,8	266 10 05 05	-36	-40.3	SURVEY K SECTORS 9,10
266 09 38 29	-78	-20.3	SURVEY K SECTORS 7,8	266 10 05 10	-42	-40.3	SURVEY K SECTORS 9,10
266 09 38 33	-84	-20.3	SURVEY K SECTORS 7,8	266 10 05 15	-48	-40.3	SURVEY K SECTORS 9,10
266 09 38 38	-84	-20.3	SURVEY K SECTORS 7,8	266 10 05 18	-54	-40.3	SURVEY K SECTORS 9,10
266 09 39 15	-90	-20.3	SURVEY K SECTORS 7,8	266 10 05 23	-60	-40.3	SURVEY K SECTORS 9,10
266 09 39 26	-96	-20.3	SURVEY K SECTORS 7,8	266 10 05 28	-66	-40.3	SURVEY K SECTORS 9,10
266 09 39 30	-102	-20.3	SURVEY K SECTORS 7,8	266 10 05 33	-69	-35.3	SURVEY K SECTORS 9,10
266 09 39 35	-105	-15.3	SURVEY K SECTORS 7,8	266 10 05 58	-69	-35.3	SURVEY K SECTORS 9,10
266 09 39 39	-99	-15.3	SURVEY K SECTORS 7,8	266 10 06 12	-63	-35.3	SURVEY K SECTORS 9,10
266 09 39 44	-93	-15.3	SURVEY K SECTORS 7,8	266 10 06 17	-57	-35.3	SURVEY K SECTORS 9,10
266 09 39 48	-87	-15.3	SURVEY K SECTORS 7,8	266 10 06 22	-51	-35.3	SURVEY K SECTORS 9,10
266 09 39 53	-81	-15.3	SURVEY K SECTORS 7,8	266 10 06 26	-45	-35.3	SURVEY K SECTORS 9,10
266 09 39 57	-75	-15.3	SURVEY K SECTORS 7,8	266 10 06 30	-39	-35.3	SURVEY K SECTORS 9,10
266 09 40 01	-72	-10.5	SURVEY K SECTORS 7,8	266 10 06 35	-33	-35.3	SURVEY K SECTORS 11,12
266 09 40 06	-78	-10.5	SURVEY K SECTORS 7,8	266 10 06 40	-30	-30.3	SURVEY K SECTORS 11,12
266 09 40 11	-84	-10.5	SURVEY K SECTORS 7,8	266 10 06 44	-36	-30.3	SURVEY K SECTORS 9,10
266 09 40 15	-90	-10.5	SURVEY K SECTORS 7,8	266 10 06 48	-42	-30.3	SURVEY K SECTORS 9,10
266 09 40 19	-96	-10.5	SURVEY K SECTORS 7,8	266 10 06 53	-48	-30.3	SURVEY K SECTORS 9,10
266 09 40 24	-102	-10.5	SURVEY K SECTORS 7,8	266 10 06 58	-54	-30.3	SURVEY K SECTORS 9,10
266 09 40 29	-105	-5.6	SURVEY K SECTORS 7,8	266 10 07 02	-60	-30.3	SURVEY K SECTORS 9,10
266 09 40 33	-99	-5.6	SURVEY K SECTORS 7,8	266 10 07 06	-66	-30.3	SURVEY K SECTORS 9,10
266 09 40 37	-93	-5.6	SURVEY K SECTORS 7,8	266 10 07 12	-69	-25.3	SURVEY K SECTORS 9,10
266 09 40 42	-87	-5.6	SURVEY K SECTORS 7,8	266 10 07 35	-69	-25.3	SURVEY K SECTORS 9,10
266 09 40 47	-81	-5.6	SURVEY K SECTORS 7,8	266 10 07 47	-63	-25.3	SURVEY K SECTORS 9,10
266 09 40 52	-75	-5.6	SURVEY K SECTORS 7,8	266 10 07 51	-57	-25.3	SURVEY K SECTORS 9,10
266 09 41 19	-69	-65.1	SURVEY K SECTORS 9,10	266 10 07 55	-51	-25.3	SURVEY K SECTORS 9,10
266 09 43 11	-69	-65.1	SURVEY K SECTORS 9,10	266 10 08 00	-45	-25.3	SURVEY K SECTORS 9,10
266 09 44 10	-63	-65.1	SURVEY K SECTORS 9,10	266 10 08 04	-39	-25.3	SURVEY K SECTORS 9,10
266 09 44 14	-57	-65.1	SURVEY K SECTORS 9,10	266 10 08 09	-33	-25.3	SURVEY K SECTORS 11,12
266 09 44 18	-51	-65.1	SURVEY K SECTORS 9,10	266 10 08 13	-30	-20.3	SURVEY K SECTORS 11,12
266 09 44 23	-45	-65.1	SURVEY K SECTORS 9,10	266 10 08 18	-36	-20.3	SURVEY K SECTORS 9,10
266 09 44 28	-39	-65.1	SURVEY K SECTORS 9,10	266 10 08 22	-42	-20.3	SURVEY K SECTORS 9,10
266 09 44 31	-33	-65.1	SURVEY K SECTORS 11,12	266 10 08 27	-48	-20.3	SURVEY K SECTORS 9,10
266 09 44 36	-30	-60.1	SURVEY K SECTORS 11,12	266 10 08 32	-54	-20.3	SURVEY K SECTORS 9,10
266 09 44 41	-36	-60.1	SURVEY K SECTORS 9,10	266 10 08 36	-60	-20.3	SURVEY K SECTORS 9,10
266 09 44 46	-42	-60.1	SURVEY K SECTORS 9,10	266 10 08 40	-66	-20.3	SURVEY K SECTORS 9,10
266 09 44 51	-48	-60.1	SURVEY K SECTORS 9,10	266 10 08 49	-69	-15.3	SURVEY K SECTORS 9,10
266 09 44 54	-54	-60.1	SURVEY K SECTORS 9,10	266 10 09 10	-69	-15.3	SURVEY K SECTORS 9,10
266 09 44 59	-60	-60.1	SURVEY K SECTORS 9,10	266 10 09 21	-63	-15.3	SURVEY K SECTORS 9,10
266 09 47 40	-57	-60.1	MAGNETS N	266 10 09 26	-57	-15.3	SURVEY K SECTORS 9,10
266 09 47 51	-57	-60.1	MAGNETS N	266 10 09 29	-51	-15.3	SURVEY K SECTORS 9,10
266 09 48 33	-57	-60.1	MAGNETS N	266 10 09 34	-45	-15.3	SURVEY K SECTORS 9,10
266 09 48 38	-57	-60.1	MAGNETS N	266 10 09 39	-39	-15.3	SURVEY K SECTORS 9,10
266 09 49 33	-57	-60.1	MAGNETS N	266 10 09 44	-33	-15.3	SURVEY K SECTORS 11,12
266 09 49 43	-57	-60.1	MAGNETS N	266 10 09 48	-30	-10.5	SURVEY K SECTORS 11,12
266 09 50 05	-57	-60.1	MAGNETS N	266 10 09 52	-36	-10.5	SURVEY K SECTORS 9,10
266 09 50 16	-57	-60.1	MAGNETS N	266 10 09 57	-42	-10.5	SURVEY K SECTORS 9,10

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
266 10 10 02	-48	-10.5	SURVEY K SECTORS 9,10	266 11 03 12	-3	-25.3	SURVEY K SECTORS 11,12
266 10 10 06	-54	-10.5	SURVEY K SECTORS 9,10	266 11 03 15	0	-20.3	SURVEY K SECTORS 11,12
266 10 10 10	-60	-10.5	SURVEY K SECTORS 9,10	266 11 03 20	-6	-20.3	SURVEY K SECTORS 11,12
266 10 10 15	-66	-10.5	SURVEY K SECTORS 9,10	266 11 03 25	-12	-20.3	SURVEY K SECTORS 11,12
266 10 10 20	-69	-5.6	SURVEY K SECTORS 9,10	266 11 03 29	-18	-20.3	SURVEY K SECTORS 11,12
266 10 10 52	-69	-5.6	SURVEY K SECTORS 9,10	266 11 03 33	-24	-20.3	SURVEY K SECTORS 11,12
266 10 11 01	-63	-5.6	SURVEY K SECTORS 9,10	266 11 03 39	-27	-15.3	SURVEY K SECTORS 11,12
266 10 11 06	-57	-5.6	SURVEY K SECTORS 9,10	266 11 03 59	-27	-15.3	SURVEY K SECTORS 11,12
266 10 11 58	-57	-5.6	SURVEY K SECTORS 9,10	266 11 04 10	-21	-15.3	SURVEY K SECTORS 11,12
266 10 48 54	-57	-5.6	SURVEY K SECTORS 9,10	266 11 04 15	-15	-15.3	SURVEY K SECTORS 11,12
266 10 49 20	-51	-5.6	SURVEY K SECTORS 9,10	266 11 04 20	-9	-15.3	SURVEY K SECTORS 11,12
266 10 49 25	-45	-5.6	SURVEY K SECTORS 9,10	266 11 04 23	-3	-15.3	SURVEY K SECTORS 11,12
266 10 49 50	-45	-5.6	SURVEY K SECTORS 9,10	266 11 04 31	0	-10.5	SURVEY K SECTORS 11,12
266 10 50 00	-39	-5.6	SURVEY K SECTORS 9,10	266 11 04 35	-6	-10.5	SURVEY K SECTORS 11,12
266 10 50 05	-33	-5.6	SURVEY K SECTORS 11,12	266 11 04 40	-12	-10.5	SURVEY K SECTORS 11,12
266 10 50 09	-30	-0.7	SURVEY K SECTORS 11,12	266 11 04 45	-18	-10.5	SURVEY K SECTORS 11,12
266 10 50 14	-36	-0.7	SURVEY K SECTORS 9,10	266 11 04 49	-24	-10.5	SURVEY K SECTORS 11,12
266 10 50 18	-42	-0.7	SURVEY K SECTORS 9,10	266 11 04 54	-27	-5.6	SURVEY K SECTORS 11,12
266 10 50 23	-48	-0.7	SURVEY K SECTORS 9,10	266 11 05 19	-27	-5.6	SURVEY K SECTORS 11,12
266 10 50 48	-48	-0.7	SURVEY K SECTORS 9,10	266 11 09 13	-21	-5.6	SURVEY K SECTORS 11,12
266 10 50 59	-54	-0.7	SURVEY K SECTORS 9,10	266 11 09 18	-15	-5.6	SURVEY K SECTORS 11,12
266 10 51 04	-60	-0.7	SURVEY K SECTORS 9,10	266 11 09 22	-9	-5.6	SURVEY K SECTORS 11,12
266 10 51 39	-60	-0.7	SURVEY K SECTORS 9,10	266 11 09 27	-3	-5.6	SURVEY K SECTORS 11,12
266 10 51 50	-72	-0.7	SURVEY K SECTORS 7,8	266 11 09 31	0	-0.7	SURVEY K SECTORS 11,12
266 10 51 50	-66	-0.7	SURVEY K SECTORS 9,10	266 11 09 35	-6	-0.7	SURVEY K SECTORS 11,12
266 10 51 55	-69	4.3	SURVEY K SECTORS 9,10	266 11 09 40	-12	-0.7	SURVEY K SECTORS 11,12
266 10 52 00	-63	4.3	SURVEY K SECTORS 9,10	266 11 09 45	-18	-0.7	SURVEY K SECTORS 11,12
266 10 52 03	-57	4.3	SURVEY K SECTORS 9,10	266 11 09 49	-24	-0.7	SURVEY K SECTORS 11,12
266 10 52 08	-51	4.3	SURVEY K SECTORS 9,10	266 11 09 53	-27	4.3	SURVEY K SECTORS 11,12
266 10 52 13	-45	4.3	SURVEY K SECTORS 9,10	266 11 09 58	-21	4.3	SURVEY K SECTORS 11,12
266 10 52 47	-45	4.3	SURVEY K SECTORS 9,10	266 11 10 03	-15	4.3	SURVEY K SECTORS 11,12
266 10 52 58	-39	4.3	SURVEY K SECTORS 9,10	266 11 10 34	-15	4.3	SURVEY K SECTORS 11,12
266 10 53 03	-33	4.3	SURVEY K SECTORS 11,12	266 11 10 46	-9	4.3	SURVEY K SECTORS 11,12
266 10 53 24	-33	4.3	SURVEY K SECTORS 11,12	266 11 10 51	-3	4.3	SURVEY K SECTORS 11,12
266 10 53 46	-30	9.3	SURVEY K SECTORS 11,12	266 11 10 55	0	9.3	SURVEY K SECTORS 11,12
266 10 54 24	-36	9.3	SURVEY K SECTORS 9,10	266 11 11 25	0	9.3	SURVEY K SECTORS 11,12
266 10 54 55	-42	9.3	SURVEY K SECTORS 9,10	266 11 11 41	-6	9.3	SURVEY K SECTORS 11,12
266 10 55 14	-48	9.3	SURVEY K SECTORS 9,10	266 11 11 45	-12	9.3	SURVEY K SECTORS 11,12
266 10 55 35	-45	14.4	SURVEY K SECTORS 9,10	266 11 12 09	-12	9.3	SURVEY K SECTORS 11,12
266 10 55 52	-39	14.4	SURVEY K SECTORS 9,10	266 11 12 22	-18	9.3	SURVEY K SECTORS 11,12
266 10 56 11	-33	14.4	SURVEY K SECTORS 11,12	266 11 12 27	-24	9.3	SURVEY K SECTORS 11,12
266 10 57 24	-27	-65.1	SURVEY K SECTORS 11,12	266 11 12 32	-33	14.4	SURVEY K SECTORS 11,12
266 10 58 27	-27	-65.1	SURVEY K SECTORS 11,12	266 11 12 57	-27	14.4	SURVEY K SECTORS 11,12
266 10 58 52	-27	-65.1	SURVEY K SECTORS 11,12	266 11 13 09	-21	14.4	SURVEY K SECTORS 11,12
266 10 58 57	-21	-65.1	SURVEY K SECTORS 11,12	266 11 13 14	-15	14.4	SURVEY K SECTORS 11,12
266 10 59 00	-15	-65.1	SURVEY K SECTORS 11,12	266 11 13 18	-9	14.4	SURVEY K SECTORS 11,12
266 10 59 05	-9	-65.1	SURVEY K SECTORS 11,12	266 11 13 49	-9	14.4	SURVEY K SECTORS 11,12
266 10 59 10	-3	-65.1	SURVEY K SECTORS 11,12	266 11 14 03	-3	14.4	SURVEY K SECTORS 11,12
266 10 59 14	0	-60.1	SURVEY K SECTORS 11,12	266 11 14 39	0	19.4	SURVEY K SECTORS 11,12
266 10 59 18	-6	-60.1	SURVEY K SECTORS 11,12	266 11 15 22	-6	19.4	SURVEY K SECTORS 11,12
266 10 59 23	-12	-60.1	SURVEY K SECTORS 11,12	266 11 15 39	-12	19.4	SURVEY K SECTORS 11,12
266 10 59 28	-18	-60.1	SURVEY K SECTORS 11,12	266 11 15 55	-18	19.4	SURVEY K SECTORS 11,12
266 10 59 32	-24	-60.1	SURVEY K SECTORS 11,12	266 11 16 09	-24	19.4	SURVEY K SECTORS 11,12
266 10 59 37	-27	-55.2	SURVEY K SECTORS 11,12	266 11 16 24	-30	19.4	SURVEY K SECTORS 11,12
266 10 59 41	-21	-55.2	SURVEY K SECTORS 11,12	266 11 16 49	-15	24.3	SURVEY K SECTORS 11,12
266 10 59 45	-15	-55.2	SURVEY K SECTORS 11,12	266 11 17 05	-9	24.3	SURVEY K SECTORS 11,12
266 10 59 50	-9	-55.2	SURVEY K SECTORS 11,12	266 11 17 20	-3	24.3	SURVEY K SECTORS 11,12
266 10 59 55	-3	-55.2	SURVEY K SECTORS 11,12	266 11 18 26	3	-65.1	SURVEY K SECTORS 11,12
266 10 59 59	0	-50.2	SURVEY K SECTORS 11,12	266 11 20 24	-54	-65.1	SURVEY W-Z
266 11 00 03	-6	-50.2	SURVEY K SECTORS 11,12	266 11 21 42	-72	-65.1	SURVEY W-Z
266 11 00 08	-12	-50.2	SURVEY K SECTORS 11,12	266 11 21 47	-72	-50.2	SURVEY W-Z
266 11 00 13	-18	-50.2	SURVEY K SECTORS 11,12	266 11 21 52	-78	-35.3	SURVEY W-Z
266 11 00 18	-24	-50.2	SURVEY K SECTORS 11,12	266 11 21 57	-72	-20.3	SURVEY W-Z
266 11 00 21	-27	-45.3	SURVEY K SECTORS 11,12	266 11 22 02	-72	-5.6	SURVEY W-Z
266 11 00 26	-21	-45.3	SURVEY K SECTORS 11,12	266 11 22 05	-72	9.3	SURVEY W-Z
266 11 00 31	-15	-45.3	SURVEY K SECTORS 11,12	266 11 22 11	-54	9.3	SURVEY W-Z
266 11 00 35	-9	-45.3	SURVEY K SECTORS 11,12	266 11 22 16	-54	-5.6	SURVEY W-Z
266 11 00 39	-3	-45.3	SURVEY K SECTORS 11,12	266 11 22 21	-54	-20.3	SURVEY W-Z
266 11 00 44	0	-40.3	SURVEY K SECTORS 11,12	266 11 22 24	-54	-35.3	SURVEY W-Z
266 11 00 49	-6	-40.3	SURVEY K SECTORS 11,12	266 11 22 29	-54	-50.2	SURVEY W-Z
266 11 00 53	-12	-40.3	SURVEY K SECTORS 11,12	266 11 22 35	-36	-50.2	SURVEY W-Z
266 11 00 58	-18	-40.3	SURVEY K SECTORS 11,12	266 11 22 40	-36	-35.3	SURVEY W-Z
266 11 01 02	-24	-40.3	SURVEY K SECTORS 11,12	266 11 22 44	-36	-20.3	SURVEY W-Z
266 11 01 10	-27	-35.3	SURVEY K SECTORS 11,12	266 11 22 48	-36	-5.6	SURVEY W-Z
266 11 01 34	-27	-35.3	SURVEY K SECTORS 11,12	266 11 22 53	-36	9.3	SURVEY W-Z
266 11 01 45	-21	-35.3	SURVEY K SECTORS 11,12	266 11 22 59	-18	9.3	SURVEY W-Z
266 11 01 49	-15	-35.3	SURVEY K SECTORS 11,12	266 11 23 17	-18	14.4	SURVEY W-Z
266 11 01 54	-9	-35.3	SURVEY K SECTORS 11,12	266 11 23 57	-18	-5.6	SURVEY W-Z
266 11 01 59	-3	-35.3	SURVEY K SECTORS 11,12	266 11 24 01	-18	-20.3	SURVEY W-Z
266 11 02 04	0	-30.3	SURVEY K SECTORS 11,12	266 11 24 06	-18	-35.3	SURVEY W-Z
266 11 02 07	-6	-30.3	SURVEY K SECTORS 11,12	266 11 24 11	-18	-50.2	SURVEY W-Z
266 11 02 12	-12	-30.3	SURVEY K SECTORS 11,12	266 11 24 18	0	-50.2	SURVEY W-Z
266 11 02 17	-18	-30.3	SURVEY K SECTORS 11,12	266 11 24 23	0	-35.3	SURVEY W-Z
266 11 02 22	-24	-30.3	SURVEY K SECTORS 11,12	266 11 24 27	0	-20.3	SURVEY W-Z
266 11 02 25	-27	-25.3	SURVEY K SECTORS 11,12	266 11 24 31	0	-5.6	SURVEY W-Z
266 11 02 47	-27	-25.3	SURVEY K SECTORS 11,12	266 11 24 36	0	9.3	SURVEY W-Z
266 11 02 57	-21	-25.3	SURVEY K SECTORS 11,12	266 11 24 40	0	24.3	SURVEY W-Z
266 11 03 02	-15	-25.3	SURVEY K SECTORS 11,12	266 11 24 46	18	24.3	SURVEY W-Z
266 11 03 07	-9	-25.3	SURVEY K SECTORS 11,12	266 11 24 50	18	9.3	SURVEY W-Z

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
266 11 24 55	18	-5.6	SURVEY W-Z	266 11 42 18	-90	-65.1	SURVEY W-Z
266 11 24 59	18	-20.3	SURVEY W-Z	266 11 42 27	-54	-65.1	SURVEY W-Z
266 11 25 04	18	-35.3	SURVEY W-Z	266 11 47 00	3	-65.1	SURVEY L SECTORS 13,14
266 11 25 09	18	-50.2	SURVEY W-Z	266 11 47 11	0	-65.1	SURVEY K SECTORS 11,12
266 11 25 14	36	-50.2	SURVEY W-Z	266 11 47 54	0	-65.1	SURVEY L SECTORS 13,14
266 11 25 19	36	-35.3	SURVEY W-Z	266 11 49 18	0	-65.1	SURVEY L SECTORS 13,14
266 11 25 23	36	-20.3	SURVEY W-Z	266 11 50 11	0	-65.1	SURVEY L SECTORS 13,14
266 11 25 27	36	-5.6	SURVEY W-Z	266 11 50 54	0	-65.1	SURVEY L SECTORS 13,14
266 11 25 32	36	9.3	SURVEY W-Z	266 11 53 38	9	-65.1	SURVEY L SECTORS 13,14
266 11 26 09	36	9.3	SURVEY W-Z	266 11 54 38	6	-65.1	SURVEY L SECTORS 13,14
266 11 26 22	36	24.3	SURVEY W-Z	266 11 56 45	3	-65.1	SURVEY L SECTORS 13,14
266 11 26 28	54	24.3	SURVEY W-Z	266 11 59 26	9	-65.1	SURVEY L SECTORS 13,14
266 11 26 32	54	9.3	SURVEY W-Z	266 11 59 30	15	-65.1	SURVEY L SECTORS 13,14
266 11 26 36	54	-5.6	SURVEY W-Z	266 11 59 35	21	-65.1	SURVEY L SECTORS 13,14
266 11 26 41	54	-20.3	SURVEY W-Z	266 11 59 39	27	-65.1	SURVEY L SECTORS 13,14
266 11 26 46	54	-35.3	SURVEY W-Z	266 11 59 44	30	-60.1	SURVEY L SECTORS 13,14
266 11 26 50	54	-50.2	SURVEY W-Z	266 11 59 48	24	-60.1	SURVEY L SECTORS 13,14
266 11 26 55	72	-50.2	SURVEY W-Z	266 11 59 53	18	-60.1	SURVEY L SECTORS 13,14
266 11 27 00	72	-35.3	SURVEY W-Z	266 11 59 57	12	-60.1	SURVEY L SECTORS 13,14
266 11 27 05	72	-20.3	SURVEY W-Z	266 12 00 01	6	-60.1	SURVEY L SECTORS 13,14
266 11 27 09	72	-5.6	SURVEY W-Z	266 12 00 06	3	-55.2	SURVEY L SECTORS 13,14
266 11 27 13	72	9.3	SURVEY W-Z	266 12 00 11	9	-55.2	SURVEY L SECTORS 13,14
266 11 27 18	72	24.3	SURVEY W-Z	266 12 00 16	15	-55.2	SURVEY L SECTORS 13,14
266 11 27 24	90	24.3	SURVEY W-Z	266 12 00 19	21	-55.2	SURVEY L SECTORS 13,14
266 11 27 29	90	9.3	SURVEY W-Z	266 12 00 24	27	-55.2	SURVEY L SECTORS 13,14
266 11 27 32	90	-5.6	SURVEY W-Z	266 12 00 29	30	-50.2	SURVEY L SECTORS 13,14
266 11 27 37	90	-20.3	SURVEY W-Z	266 12 00 34	24	-50.2	SURVEY L SECTORS 13,14
266 11 27 42	90	-35.3	SURVEY W-Z	266 12 00 37	18	-50.2	SURVEY L SECTORS 13,14
266 11 27 46	90	-50.2	SURVEY W-Z	266 12 00 42	12	-50.2	SURVEY L SECTORS 13,14
266 11 27 54	108	-50.2	SURVEY W-Z	266 12 00 47	6	-50.2	SURVEY L SECTORS 13,14
266 11 27 58	108	-35.3	SURVEY W-Z	266 12 00 52	3	-45.3	SURVEY L SECTORS 13,14
266 11 28 05	108	-20.3	SURVEY W-Z	266 12 00 55	9	-45.3	SURVEY L SECTORS 13,14
266 11 28 42	126	-20.3	SURVEY W-Z	266 12 01 00	15	-45.3	SURVEY L SECTORS 13,14
266 11 29 28	126	-35.3	SURVEY W-Z	266 12 01 05	21	-45.3	SURVEY L SECTORS 13,14
266 11 29 33	126	-50.2	SURVEY W-Z	266 12 01 09	27	-45.3	SURVEY L SECTORS 13,14
266 11 29 39	126	-65.1	SURVEY W-Z	266 12 01 14	30	-40.3	SURVEY L SECTORS 13,14
266 11 29 44	108	-65.1	SURVEY W-Z	266 12 01 18	24	-40.3	SURVEY L SECTORS 13,14
266 11 29 49	90	-65.1	SURVEY W-Z	266 12 01 23	18	-40.3	SURVEY L SECTORS 13,14
266 11 29 55	72	-65.1	SURVEY W-Z	266 12 01 27	12	-40.3	SURVEY L SECTORS 13,14
266 11 30 00	54	-65.1	SURVEY W-Z	266 12 01 32	6	-40.3	SURVEY L SECTORS 13,14
266 11 30 26	36	-65.1	SURVEY W-Z	266 12 01 39	3	-35.3	SURVEY L SECTORS 13,14
266 11 30 32	18	-65.1	SURVEY W-Z	266 12 01 44	9	-35.3	SURVEY L SECTORS 13,14
266 11 30 37	0	-65.1	SURVEY W-Z	266 12 01 49	15	-35.3	SURVEY L SECTORS 13,14
266 11 31 01	0	-65.1	SURVEY W-Z	266 12 01 52	21	-35.3	SURVEY L SECTORS 13,14
266 11 31 13	-18	-65.1	SURVEY W-Z	266 12 01 57	27	-35.3	SURVEY L SECTORS 13,14
266 11 31 19	-36	-65.1	SURVEY W-Z	266 12 02 02	30	-30.3	SURVEY L SECTORS 13,14
266 11 31 23	-54	-65.1	SURVEY W-Z	266 12 02 07	24	-30.3	SURVEY L SECTORS 13,14
266 11 31 58	-54	-65.1	SURVEY W-Z	266 12 02 10	18	-30.3	SURVEY L SECTORS 13,14
266 11 32 31	-90	-50.2	SURVEY W-Z	266 12 02 15	12	-30.3	SURVEY L SECTORS 13,14
266 11 32 35	-90	-35.3	SURVEY W-Z	266 12 02 20	6	-30.3	SURVEY L SECTORS 13,14
266 11 32 40	-90	-20.3	SURVEY W-Z	266 12 02 25	3	-25.3	SURVEY L SECTORS 13,14
266 11 32 45	-90	-5.6	SURVEY W-Z	266 12 02 51	3	-25.3	SURVEY L SECTORS 13,14
266 11 33 25	-108	-5.6	SURVEY W-Z	266 12 03 03	9	-25.3	SURVEY L SECTORS 13,14
266 11 33 30	-108	-20.3	SURVEY W-Z	266 12 03 08	15	-25.3	SURVEY L SECTORS 13,14
266 11 33 35	-108	-35.3	SURVEY W-Z	266 12 03 11	21	-25.3	SURVEY L SECTORS 13,14
266 11 33 39	-108	-50.2	SURVEY W-Z	266 12 03 16	27	-25.3	SURVEY L SECTORS 13,14
266 11 33 44	-126	-50.2	SURVEY W-Z	266 12 03 21	30	-20.3	SURVEY L SECTORS 13,14
266 11 33 49	-126	-35.3	SURVEY W-Z	266 12 03 25	24	-20.3	SURVEY L SECTORS 13,14
266 11 33 54	-126	-20.3	SURVEY W-Z	266 12 03 30	18	-20.3	SURVEY L SECTORS 13,14
266 11 33 57	-126	-5.6	SURVEY W-Z	266 12 03 34	12	-20.3	SURVEY L SECTORS 13,14
266 11 34 28	-126	-5.6	SURVEY W-Z	266 12 03 39	6	-20.3	SURVEY L SECTORS 13,14
266 11 38 34	-144	-5.6	SURVEY W-Z	266 12 03 43	3	-15.3	SURVEY L SECTORS 13,14
266 11 38 39	-144	-20.3	SURVEY W-Z	266 12 04 13	3	-15.3	SURVEY L SECTORS 13,14
266 11 38 44	-144	-35.3	SURVEY W-Z	266 12 04 24	9	-15.3	SURVEY L SECTORS 13,14
266 11 38 47	-144	-50.2	SURVEY W-Z	266 12 04 29	15	-15.3	SURVEY L SECTORS 13,14
266 11 38 53	-162	-50.2	SURVEY W-Z	266 12 04 33	21	-15.3	SURVEY L SECTORS 13,14
266 11 38 58	-162	-35.3	SURVEY W-Z	266 12 04 38	27	-15.3	SURVEY L SECTORS 13,14
266 11 39 03	-162	-20.3	SURVEY W-Z	266 12 04 42	30	-10.5	SURVEY L SECTORS 13,14
266 11 39 06	-162	-5.6	SURVEY W-Z	266 12 04 47	24	-10.5	SURVEY L SECTORS 13,14
266 11 39 12	-180	-5.6	SURVEY W-Z	266 12 04 51	18	-10.5	SURVEY L SECTORS 13,14
266 11 39 17	-180	-20.3	SURVEY W-Z	266 12 04 56	12	-10.5	SURVEY L SECTORS 13,14
266 11 39 22	-180	-35.3	SURVEY W-Z	266 12 05 00	6	-10.5	SURVEY L SECTORS 13,14
266 11 39 25	-180	-50.2	SURVEY W-Z	266 12 05 08	3	-5.6	SURVEY L SECTORS 13,14
266 11 39 34	-198	-50.2	SURVEY W-Z	266 12 05 32	3	-5.6	SURVEY L SECTORS 13,14
266 11 39 37	-198	-35.3	SURVEY W-Z	266 12 05 43	9	-5.6	SURVEY L SECTORS 13,14
266 11 39 42	-198	-20.3	SURVEY W-Z	266 12 05 47	15	-5.6	SURVEY L SECTORS 13,14
266 11 39 47	-198	-5.6	SURVEY W-Z	266 12 05 52	21	-5.6	SURVEY L SECTORS 13,14
266 11 40 35	-216	-5.6	SURVEY W-Z	266 12 05 57	27	-5.6	SURVEY L SECTORS 13,14
266 11 40 51	-216	-20.3	SURVEY W-Z	266 12 06 02	30	-0.7	SURVEY L SECTORS 13,14
266 11 40 55	-216	-35.3	SURVEY W-Z	266 12 06 05	24	-0.7	SURVEY L SECTORS 13,14
266 11 41 00	-216	-50.2	SURVEY W-Z	266 12 06 10	18	-0.7	SURVEY L SECTORS 13,14
266 11 41 06	-216	-65.1	SURVEY W-Z	266 12 06 15	12	-0.7	SURVEY L SECTORS 13,14
266 11 41 12	-198	-65.1	SURVEY W-Z	266 12 06 20	6	-0.7	SURVEY L SECTORS 13,14
266 11 41 16	-180	-65.1	SURVEY W-Z	266 12 06 45	6	-0.7	SURVEY L SECTORS 13,14
266 11 41 22	-162	-65.1	SURVEY W-Z	266 12 06 58	3	4.3	SURVEY L SECTORS 13,14
266 11 41 28	-144	-65.1	SURVEY W-Z	266 12 07 03	9	4.3	SURVEY L SECTORS 13,14
266 11 41 56	-144	-65.1	SURVEY W-Z	266 12 07 06	15	4.3	SURVEY L SECTORS 13,14
266 11 42 06	-126	-65.1	SURVEY W-Z	266 12 07 11	21	4.3	SURVEY L SECTORS 13,14
266 11 42 12	-108	-65.1	SURVEY W-Z	266 12 07 16	27	4.3	SURVEY L SECTORS 13,14

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
266 12 07 20	30	9.3	SURVEY L SECTORS 13,14	266 12 19 34	51	-5.6	SURVEY L SECTORS 15,16
266 12 07 25	24	9.3	SURVEY L SECTORS 13,14	266 12 19 38	57	-5.6	SURVEY L SECTORS 15,16
266 12 07 29	18	9.3	SURVEY L SECTORS 13,14	266 12 19 42	60	-0.7	SURVEY L SECTORS 15,16
266 12 07 34	12	9.3	SURVEY L SECTORS 13,14	266 12 19 47	54	-0.7	SURVEY L SECTORS 15,16
266 12 07 38	6	9.3	SURVEY L SECTORS 13,14	266 12 19 52	48	-0.7	SURVEY L SECTORS 15,16
266 12 07 43	3	14.4	SURVEY L SECTORS 13,14	266 12 19 56	42	-0.7	SURVEY L SECTORS 15,16
266 12 07 47	9	14.4	SURVEY L SECTORS 13,14	266 12 20 00	36	-0.7	SURVEY L SECTORS 13,14
266 12 07 51	15	14.4	SURVEY L SECTORS 13,14	266 12 20 33	36	-0.7	SURVEY L SECTORS 13,14
266 12 07 56	21	14.4	SURVEY L SECTORS 13,14	266 12 20 44	33	4.3	SURVEY L SECTORS 13,14
266 12 08 01	27	14.4	SURVEY L SECTORS 13,14	266 12 20 49	39	4.3	SURVEY L SECTORS 15,16
266 12 08 26	27	14.4	SURVEY L SECTORS 13,14	266 12 20 54	45	4.3	SURVEY L SECTORS 15,16
266 12 08 39	30	19.4	SURVEY L SECTORS 13,14	266 12 20 58	51	4.3	SURVEY L SECTORS 15,16
266 12 08 43	24	19.4	SURVEY L SECTORS 13,14	266 12 21 02	57	4.3	SURVEY L SECTORS 15,16
266 12 08 48	18	19.4	SURVEY L SECTORS 13,14	266 12 21 08	60	9.3	SURVEY L SECTORS 15,16
266 12 08 52	12	19.4	SURVEY L SECTORS 13,14	266 12 21 33	60	9.3	SURVEY L SECTORS 15,16
266 12 08 57	6	19.4	SURVEY L SECTORS 13,14	266 12 21 44	54	9.3	SURVEY L SECTORS 15,16
266 12 09 01	3	24.3	SURVEY L SECTORS 13,14	266 12 21 48	48	9.3	SURVEY L SECTORS 15,16
266 12 09 36	3	24.3	SURVEY L SECTORS 13,14	266 12 21 52	42	9.3	SURVEY L SECTORS 15,16
266 12 09 50	9	24.3	SURVEY L SECTORS 13,14	266 12 21 57	36	9.3	SURVEY L SECTORS 13,14
266 12 09 53	15	24.3	SURVEY L SECTORS 13,14	266 12 22 02	33	14.4	SURVEY L SECTORS 13,14
266 12 09 58	21	24.3	SURVEY L SECTORS 13,14	266 12 22 26	39	14.4	SURVEY L SECTORS 15,16
266 12 10 03	27	24.3	SURVEY L SECTORS 13,14	266 12 22 31	45	14.4	SURVEY L SECTORS 15,16
266 12 10 40	33	-65.1	SURVEY L SECTORS 13,14	266 12 22 34	51	14.4	SURVEY L SECTORS 15,16
266 12 11 40	33	-65.1	SURVEY L SECTORS 13,14	266 12 22 39	57	14.4	SURVEY L SECTORS 15,16
266 12 11 55	33	-65.1	SURVEY L SECTORS 13,14	266 12 22 44	60	19.4	SURVEY L SECTORS 15,16
266 12 12 00	39	-65.1	SURVEY L SECTORS 15,16	266 12 23 18	60	19.4	SURVEY L SECTORS 15,16
266 12 12 03	45	-65.1	SURVEY L SECTORS 15,16	266 12 23 31	54	19.4	SURVEY L SECTORS 15,16
266 12 12 08	51	-65.1	SURVEY L SECTORS 15,16	266 12 23 35	48	19.4	SURVEY L SECTORS 15,16
266 12 12 13	57	-65.1	SURVEY L SECTORS 15,16	266 12 23 40	42	19.4	SURVEY L SECTORS 15,16
266 12 12 17	60	-60.1	SURVEY L SECTORS 15,16	266 12 23 45	36	19.4	SURVEY L SECTORS 13,14
266 12 12 26	48	-60.1	SURVEY L SECTORS 15,16	266 12 23 49	33	24.3	SURVEY L SECTORS 13,14
266 12 12 31	42	-60.1	SURVEY L SECTORS 15,16	266 12 24 18	33	24.3	SURVEY L SECTORS 13,14
266 12 12 35	36	-60.1	SURVEY L SECTORS 13,14	266 12 24 30	39	24.3	SURVEY L SECTORS 15,16
266 12 12 40	33	-55.2	SURVEY L SECTORS 13,14	266 12 24 34	45	24.3	SURVEY L SECTORS 15,16
266 12 12 44	39	-55.2	SURVEY L SECTORS 15,16	266 12 24 38	51	24.3	SURVEY L SECTORS 15,16
266 12 12 48	45	-55.2	SURVEY L SECTORS 15,16	266 12 24 43	57	24.3	SURVEY L SECTORS 15,16
266 12 12 53	51	-55.2	SURVEY L SECTORS 15,16	266 12 25 19	60	29.2	SURVEY L SECTORS 15,16
266 12 12 58	57	-55.2	SURVEY L SECTORS 15,16	266 12 32 25	54	29.2	SURVEY L SECTORS 15,16
266 12 13 02	60	-50.2	SURVEY L SECTORS 15,16	266 12 32 42	48	29.2	SURVEY L SECTORS 15,16
266 12 13 06	54	-50.2	SURVEY L SECTORS 15,16	266 12 32 56	42	29.2	SURVEY L SECTORS 15,16
266 12 13 11	48	-50.2	SURVEY L SECTORS 15,16	266 12 33 10	36	29.2	SURVEY L SECTORS 13,14
266 12 13 16	42	-50.2	SURVEY L SECTORS 15,16	266 12 33 23	30	29.2	SURVEY L SECTORS 13,14
266 12 13 21	36	-50.2	SURVEY L SECTORS 13,14	266 12 33 36	24	29.2	SURVEY L SECTORS 13,14
266 12 13 24	33	-45.3	SURVEY L SECTORS 13,14	266 12 33 50	18	29.2	SURVEY L SECTORS 13,14
266 12 13 29	39	-45.3	SURVEY L SECTORS 15,16	266 12 34 06	12	29.2	SURVEY L SECTORS 13,14
266 12 13 34	45	-45.3	SURVEY L SECTORS 15,16	266 12 34 19	6	29.2	SURVEY L SECTORS 13,14
266 12 13 39	51	-45.3	SURVEY L SECTORS 15,16	266 12 34 36	0	29.2	SURVEY L SECTORS 13,14
266 12 13 42	57	-45.3	SURVEY L SECTORS 15,16	266 12 34 59	0	29.2	SURVEY L SECTORS 13,14
266 12 13 47	60	-40.3	SURVEY L SECTORS 15,16	266 12 35 43	60	29.2	SURVEY L SECTORS 15,16
266 12 13 52	54	-40.3	SURVEY L SECTORS 15,16	266 12 36 18	57	24.3	SURVEY L SECTORS 15,16
266 12 13 56	48	-40.3	SURVEY L SECTORS 15,16	266 12 37 10	54	29.2	SURVEY L SECTORS 15,16
266 12 14 00	42	-40.3	SURVEY L SECTORS 15,16	266 12 37 24	48	29.2	SURVEY L SECTORS 15,16
266 12 14 05	36	-40.3	SURVEY L SECTORS 13,14	266 12 37 37	42	29.2	SURVEY L SECTORS 15,16
266 12 14 13	33	-35.3	SURVEY L SECTORS 13,14	266 12 37 51	36	29.2	SURVEY L SECTORS 13,14
266 12 14 18	39	-35.3	SURVEY L SECTORS 15,16	266 12 38 04	30	29.2	SURVEY L SECTORS 13,14
266 12 14 22	45	-35.3	SURVEY L SECTORS 15,16	266 12 38 18	24	29.2	SURVEY L SECTORS 13,14
266 12 14 26	51	-35.3	SURVEY L SECTORS 15,16	266 12 38 34	18	29.2	SURVEY L SECTORS 13,14
266 12 14 31	57	-35.3	SURVEY L SECTORS 15,16	266 12 38 49	12	29.2	SURVEY L SECTORS 13,14
266 12 14 36	60	-30.3	SURVEY L SECTORS 15,16	266 12 39 09	6	29.2	SURVEY L SECTORS 13,14
266 12 14 41	54	-30.3	SURVEY L SECTORS 15,16	266 12 39 24	0	29.2	SURVEY L SECTORS 13,14
266 12 14 44	48	-30.3	SURVEY L SECTORS 15,16	266 12 40 08	60	29.2	SURVEY L SECTORS 15,16
266 12 14 49	42	-30.3	SURVEY L SECTORS 15,16	266 12 41 11	63	-65.1	SURVEY L SECTORS 15,16
266 12 14 54	36	-30.3	SURVEY L SECTORS 13,14	266 13 17 16	63	-65.1	SURVEY L SECTORS 15,16
266 12 14 59	33	-25.3	SURVEY L SECTORS 13,14	266 13 17 48	63	-65.1	SURVEY L SECTORS 15,16
266 12 15 28	33	-25.3	SURVEY L SECTORS 13,14	266 13 18 24	69	-65.1	SURVEY L SECTORS 15,16
266 12 15 43	39	-25.3	SURVEY L SECTORS 15,16	266 13 18 29	75	-65.1	SURVEY L SECTORS 17,18
266 12 15 47	45	-25.3	SURVEY L SECTORS 15,16	266 13 18 33	81	-65.1	SURVEY L SECTORS 17,18
266 12 15 52	51	-25.3	SURVEY L SECTORS 15,16	266 13 18 37	87	-65.1	SURVEY L SECTORS 17,18
266 12 15 57	57	-25.3	SURVEY L SECTORS 15,16	266 13 18 42	93	-65.1	SURVEY L SECTORS 17,18
266 12 16 01	60	-20.3	SURVEY L SECTORS 15,16	266 13 18 47	96	-60.1	SURVEY L SECTORS 17,18
266 12 16 05	54	-20.3	SURVEY L SECTORS 15,16	266 13 18 52	90	-60.1	SURVEY L SECTORS 17,18
266 12 16 10	48	-20.3	SURVEY L SECTORS 15,16	266 13 18 55	84	-60.1	SURVEY L SECTORS 17,18
266 12 16 15	42	-20.3	SURVEY L SECTORS 15,16	266 13 19 00	78	-60.1	SURVEY L SECTORS 17,18
266 12 16 20	36	-20.3	SURVEY L SECTORS 13,14	266 13 19 05	72	-60.1	SURVEY L SECTORS 15,16
266 12 17 46	36	-20.3	SURVEY L SECTORS 13,14	266 13 19 10	66	-60.1	SURVEY L SECTORS 15,16
266 12 17 58	33	-15.3	SURVEY L SECTORS 13,14	266 13 19 14	63	-55.2	SURVEY L SECTORS 15,16
266 12 18 02	39	-15.3	SURVEY L SECTORS 15,16	266 13 19 18	69	-55.2	SURVEY L SECTORS 15,16
266 12 18 07	45	-15.3	SURVEY L SECTORS 15,16	266 13 19 23	75	-55.2	SURVEY L SECTORS 17,18
266 12 18 11	51	-15.3	SURVEY L SECTORS 15,16	266 13 19 27	81	-55.2	SURVEY L SECTORS 17,18
266 12 18 15	57	-15.3	SURVEY L SECTORS 15,16	266 13 19 32	87	-55.2	SURVEY L SECTORS 17,18
266 12 18 20	60	-10.5	SURVEY L SECTORS 15,16	266 13 19 37	93	-55.2	SURVEY L SECTORS 17,18
266 12 18 25	54	-10.5	SURVEY L SECTORS 15,16	266 13 19 40	96	-50.2	SURVEY L SECTORS 17,18
266 12 18 30	48	-10.5	SURVEY L SECTORS 15,16	266 13 19 45	90	-50.2	SURVEY L SECTORS 17,18
266 12 18 33	42	-10.5	SURVEY L SECTORS 15,16	266 13 19 50	84	-50.2	SURVEY L SECTORS 17,18
266 12 18 38	36	-10.5	SURVEY L SECTORS 13,14	266 13 19 55	78	-50.2	SURVEY L SECTORS 17,18
266 12 18 46	33	-5.6	SURVEY L SECTORS 13,14	266 13 19 58	72	-50.2	SURVEY L SECTORS 15,16
266 12 19 11	33	-5.6	SURVEY L SECTORS 13,14	266 13 20 03	66	-50.2	SURVEY L SECTORS 15,16
266 12 19 25	39	-5.6	SURVEY L SECTORS 15,16	266 13 20 08	63	-45.3	SURVEY L SECTORS 15,16
266 12 19 29	45	-5.6	SURVEY L SECTORS 15,16	266 13 20 12	69	-45.3	SURVEY L SECTORS 15,16

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
266 13 20 17	75	-45.3	SURVEY L SECTORS 17,18	266 13 33 38	78	24.3	SURVEY L SECTORS 17,18
266 13 20 21	81	-45.3	SURVEY L SECTORS 17,18	266 13 33 43	84	24.3	SURVEY L SECTORS 17,18
266 13 20 25	87	-45.3	SURVEY L SECTORS 17,18	266 13 33 47	90	24.3	SURVEY L SECTORS 17,18
266 13 20 30	93	-45.3	SURVEY L SECTORS 17,18	266 13 33 52	96	24.3	SURVEY L SECTORS 17,18
266 13 20 35	96	-40.3	SURVEY L SECTORS 17,18	266 13 34 29	102	-65.1	SURVEY L SECTORS 17,18
266 13 20 40	90	-40.3	SURVEY L SECTORS 17,18	266 13 35 07	102	-65.1	SURVEY L SECTORS 17,18
266 13 20 43	84	-40.3	SURVEY L SECTORS 17,18	266 13 36 14	102	-65.1	SURVEY L SECTORS 17,18
266 13 20 48	78	-40.3	SURVEY L SECTORS 17,18	266 13 36 59	102	-65.1	SURVEY L SECTORS 17,18
266 13 20 53	72	-40.3	SURVEY L SECTORS 15,16	266 13 37 04	108	-65.1	SURVEY L SECTORS 17,18
266 13 20 58	66	-40.3	SURVEY L SECTORS 15,16	266 13 37 08	114	-65.1	SURVEY L SECTOR 19
266 13 21 06	72	-40.3	SURVEY L SECTORS 15,16	266 13 37 13	120	-65.1	SURVEY L SECTOR 19
266 13 21 11	78	-40.3	SURVEY L SECTORS 17,18	266 13 37 17	126	-65.1	SURVEY L SECTOR 19
266 13 21 15	84	-40.3	SURVEY L SECTORS 17,18	266 13 37 21	129	-60.1	SURVEY L SECTOR 19
266 13 21 20	90	-40.3	SURVEY L SECTORS 17,18	266 13 37 26	123	-60.1	SURVEY L SECTOR 19
266 13 21 24	96	-40.3	SURVEY L SECTORS 17,18	266 13 37 31	117	-60.1	SURVEY L SECTOR 19
266 13 21 28	99	-35.3	SURVEY L SECTORS 17,18	266 13 37 36	111	-60.1	SURVEY L SECTOR 19
266 13 21 33	93	-35.3	SURVEY L SECTORS 17,18	266 13 37 39	105	-60.1	SURVEY L SECTORS 17,18
266 13 21 38	87	-35.3	SURVEY L SECTORS 17,18	266 13 37 44	102	-55.2	SURVEY L SECTORS 17,18
266 13 21 43	81	-35.3	SURVEY L SECTORS 17,18	266 13 37 49	108	-55.2	SURVEY L SECTORS 17,18
266 13 21 46	75	-35.3	SURVEY L SECTORS 17,18	266 13 37 53	114	-55.2	SURVEY L SECTOR 19
266 13 21 51	69	-35.3	SURVEY L SECTORS 15,16	266 13 37 58	120	-55.2	SURVEY L SECTOR 19
266 13 21 56	66	-30.3	SURVEY L SECTORS 15,16	266 13 38 02	126	-55.2	SURVEY L SECTOR 19
266 13 22 21	66	-30.3	SURVEY L SECTORS 15,16	266 13 38 06	129	-50.2	SURVEY L SECTOR 19
266 13 22 33	72	-30.3	SURVEY L SECTORS 15,16	266 13 38 11	123	-50.2	SURVEY L SECTOR 19
266 13 22 37	78	-30.3	SURVEY L SECTORS 17,18	266 13 38 16	117	-50.2	SURVEY L SECTOR 19
266 13 22 41	84	-30.3	SURVEY L SECTORS 17,18	266 13 38 20	111	-50.2	SURVEY L SECTOR 19
266 13 22 46	90	-30.3	SURVEY L SECTORS 17,18	266 13 38 24	105	-50.2	SURVEY L SECTORS 17,18
266 13 22 50	96	-30.3	SURVEY L SECTORS 17,18	266 13 38 29	102	-45.3	SURVEY L SECTORS 17,18
266 13 22 55	99	-25.3	SURVEY L SECTORS 17,18	266 13 38 34	108	-45.3	SURVEY L SECTORS 17,18
266 13 23 00	93	-25.3	SURVEY L SECTORS 17,18	266 13 38 39	114	-45.3	SURVEY L SECTOR 19
266 13 23 05	87	-25.3	SURVEY L SECTORS 17,18	266 13 38 42	120	-45.3	SURVEY L SECTOR 19
266 13 23 08	81	-25.3	SURVEY L SECTORS 17,18	266 13 38 47	126	-45.3	SURVEY L SECTOR 19
266 13 23 13	75	-25.3	SURVEY L SECTORS 17,18	266 13 38 52	129	-40.3	SURVEY L SECTOR 19
266 13 23 18	69	-25.3	SURVEY L SECTORS 15,16	266 13 38 56	123	-40.3	SURVEY L SECTOR 19
266 13 23 22	66	-20.3	SURVEY L SECTORS 15,16	266 13 39 01	117	-40.3	SURVEY L SECTOR 19
266 13 23 45	66	-20.3	SURVEY L SECTORS 15,16	266 13 39 05	111	-40.3	SURVEY L SECTOR 19
266 13 23 56	72	-20.3	SURVEY L SECTORS 15,16	266 13 39 09	105	-40.3	SURVEY L SECTORS 17,18
266 13 24 00	78	-20.3	SURVEY L SECTORS 17,18	266 13 42 32	-57	-60.1	SHADOW PROGRESSION R
266 13 24 05	84	-20.3	SURVEY L SECTORS 17,18	266 13 56 42	69	-55.2	SHADOW PROGRESSION R
266 13 24 09	90	-20.3	SURVEY L SECTORS 17,18	266 13 57 19	69	-55.2	SHADOW PROGRESSION R
266 13 24 13	96	-20.3	SURVEY L SECTORS 17,18	266 13 59 01	69	-55.2	SHADOW PROGRESSION R
266 13 24 18	99	-15.3	SURVEY L SECTORS 17,18	266 14 00 33	69	-60.1	SHADOW PROGRESSION R
266 13 24 23	93	-15.3	SURVEY L SECTORS 17,18	266 14 01 20	69	29.2	SHADOW PROGRESSION R
266 13 24 28	87	-15.3	SURVEY L SECTORS 17,18	266 14 01 52	69	9.3	SHADOW PROGRESSION R
266 13 24 31	81	-15.3	SURVEY L SECTORS 17,18	266 14 03 55	66	14.4	SHADOW PROGRESSION R
266 13 24 36	75	-15.3	SURVEY L SECTORS 17,18	266 14 04 41	114	19.4	SHADOW PROGRESSION R
266 13 24 41	69	-15.3	SURVEY L SECTORS 15,16	266 14 05 28	105	24.3	SHADOW PROGRESSION R
266 13 24 49	66	-10.5	SURVEY L SECTORS 15,16	266 14 08 18	63	24.3	SHADOW PROGRESSION R
266 13 28 29	66	-5.6	SURVEY L SECTORS 15,16	266 14 09 01	66	29.2	SHADOW PROGRESSION R
266 13 28 41	72	-5.6	SURVEY L SECTORS 15,16	266 14 09 34	63	14.4	SHADOW PROGRESSION R
266 13 28 46	78	-5.6	SURVEY L SECTORS 17,18	266 14 16 16	-63	-60.1	SHADOW PROGRESSION R
266 13 28 50	84	-5.6	SURVEY L SECTORS 17,18	266 14 19 16	-63	-60.1	SHADOW PROGRESSION R
266 13 28 55	90	-5.6	SURVEY L SECTORS 17,18	266 14 19 37	-48	-20.3	SHADOW PROGRESSION R
266 13 28 59	96	-5.6	SURVEY L SECTORS 17,18	266 14 19 44	-66	-20.3	SHADOW PROGRESSION R
266 13 29 03	99	-0.7	SURVEY L SECTORS 17,18	266 14 19 51	-69	-5.6	SHADOW PROGRESSION R
266 13 29 08	93	-0.7	SURVEY L SECTORS 17,18	266 14 20 00	-54	-5.6	SHADOW PROGRESSION R
266 13 29 13	87	-0.7	SURVEY L SECTORS 17,18	266 14 20 25	-54	4.3	SHADOW PROGRESSION R
266 13 29 18	81	-0.7	SURVEY L SECTORS 17,18	266 14 20 30	-54	4.3	SHADOW PROGRESSION R
266 13 29 21	75	-0.7	SURVEY L SECTORS 17,18	266 14 20 38	-57	4.3	SHADOW PROGRESSION R
266 13 29 26	69	-0.7	SURVEY L SECTORS 15,16	266 14 20 44	-57	4.3	SHADOW PROGRESSION R
266 13 29 31	66	4.3	SURVEY L SECTORS 15,16	266 14 20 51	-66	-0.7	SHADOW PROGRESSION R
266 13 30 05	66	4.3	SURVEY L SECTORS 15,16	266 14 20 56	-72	-0.7	SHADOW PROGRESSION R
266 13 30 17	72	4.3	SURVEY L SECTORS 15,16	266 14 21 04	-63	-0.7	SHADOW PROGRESSION R
266 13 30 22	78	4.3	SURVEY L SECTORS 17,18	266 14 21 09	-63	-0.7	SHADOW PROGRESSION R
266 13 30 27	84	4.3	SURVEY L SECTORS 17,18	266 14 21 19	-57	-0.7	SHADOW PROGRESSION R
266 13 30 30	90	4.3	SURVEY L SECTORS 17,18	266 14 21 24	-57	-0.7	SHADOW PROGRESSION R
266 13 30 35	96	4.3	SURVEY L SECTORS 17,18	266 14 21 35	-54	-5.6	SHADOW PROGRESSION R
266 13 30 40	99	9.3	SURVEY L SECTORS 17,18	266 14 21 40	-54	-5.6	SHADOW PROGRESSION R
266 13 30 44	93	9.3	SURVEY L SECTORS 17,18	266 14 21 47	-57	-5.6	SHADOW PROGRESSION R
266 13 30 49	87	9.3	SURVEY L SECTORS 17,18	266 14 21 52	-57	-5.6	SHADOW PROGRESSION R
266 13 30 54	81	9.3	SURVEY L SECTORS 17,18	266 14 22 02	-66	-5.6	SHADOW PROGRESSION R
266 13 30 59	75	9.3	SURVEY L SECTORS 17,18	266 14 22 07	-66	-5.6	SHADOW PROGRESSION R
266 13 31 02	69	9.3	SURVEY L SECTORS 15,16	266 14 22 15	-69	-5.6	SHADOW PROGRESSION R
266 13 31 07	66	14.4	SURVEY L SECTORS 15,16	266 14 22 20	-69	-5.6	SHADOW PROGRESSION R
266 13 31 41	66	14.4	SURVEY L SECTORS 15,16	266 14 22 28	-66	-10.5	SHADOW PROGRESSION R
266 13 31 53	72	14.4	SURVEY L SECTORS 15,16	266 14 22 33	-66	-10.5	SHADOW PROGRESSION R
266 13 31 58	78	14.4	SURVEY L SECTORS 17,18	266 14 22 42	-63	-10.5	SHADOW PROGRESSION R
266 13 32 03	84	14.4	SURVEY L SECTORS 17,18	266 14 22 46	-63	-10.5	SHADOW PROGRESSION R
266 13 32 08	90	14.4	SURVEY L SECTORS 17,18	266 14 22 56	-57	-10.5	SHADOW PROGRESSION R
266 13 32 46	90	14.4	SURVEY L SECTORS 17,18	266 14 23 01	-57	-10.5	SHADOW PROGRESSION R
266 13 32 57	96	14.4	SURVEY L SECTORS 17,18	266 14 23 08	-48	-10.5	SHADOW PROGRESSION R
266 13 33 02	99	19.4	SURVEY L SECTORS 17,18	266 14 23 12	-48	-10.5	SHADOW PROGRESSION R
266 13 33 07	93	19.4	SURVEY L SECTORS 17,18	266 14 23 21	-45	-15.3	SHADOW PROGRESSION R
266 13 33 11	87	19.4	SURVEY L SECTORS 17,18	266 14 23 27	-45	-15.3	SHADOW PROGRESSION R
266 13 33 15	81	19.4	SURVEY L SECTORS 17,18	266 14 23 34	-54	-15.3	SHADOW PROGRESSION R
266 13 33 20	75	19.4	SURVEY L SECTORS 17,18	266 14 23 39	-54	-15.3	SHADOW PROGRESSION R
266 13 33 25	69	19.4	SURVEY L SECTORS 15,16	266 14 23 46	-57	-15.3	SHADOW PROGRESSION R
266 13 33 30	66	24.3	SURVEY L SECTORS 15,16	266 14 23 51	-57	-15.3	SHADOW PROGRESSION R
266 13 33 33	72	24.3	SURVEY L SECTORS 15,16	266 14 23 59	-66	-15.3	SHADOW PROGRESSION R

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
266 14 24 04	-66	-15.3	SHADOW PROGRESSION R	266 15 09 16	-219	-50.2	SPECIAL N
266 14 24 12	-63	-20.3	SHADOW PROGRESSION R	266 15 09 32	-219	-45.3	SPECIAL N
266 14 24 18	-63	-20.3	SHADOW PROGRESSION R	266 15 10 12	-219	-40.3	SPECIAL N
266 14 24 24	-54	-20.3	SHADOW PROGRESSION R	266 15 10 26	-219	-40.3	SPECIAL N
266 14 24 29	-57	-20.3	SHADOW PROGRESSION R	266 15 10 37	-216	-40.3	SPECIAL N
266 14 24 36	-48	-20.3	SHADOW PROGRESSION R	266 15 11 59	-219	-50.2	SPECIAL N
266 14 24 40	-48	-20.3	SHADOW PROGRESSION R	266 15 12 25	-219	-30.3	SPECIAL N
266 14 25 07	-63	-60.1	SHADOW PROGRESSION R	266 15 12 51	-204	-35.3	SPECIAL N
266 14 25 11	-66	-60.1	SHADOW PROGRESSION R	266 15 13 27	-219	-55.2	SPECIAL N
266 14 25 28	-63	-60.1	SHADOW PROGRESSION R	266 15 14 36	-174	-45.3	SPECIAL N
266 14 29 39	-159	29.2	STARS H	266 15 15 52	-174	-45.3	SPECIAL N
266 14 30 19	-156	9.3	STARS H	266 15 16 50	-174	-45.3	SPECIAL N
266 14 32 18	-174	9.3	STARS H	266 15 17 10	-168	-45.3	SPECIAL N
266 14 33 21	-177	29.2	STARS H	266 15 17 16	-174	-40.3	SPECIAL N
266 14 34 58	-126	-65.1	STARS H	266 15 17 21	-168	-40.3	SPECIAL N
266 14 35 08	-174	9.3	STARS H	266 15 17 26	-162	-40.3	SPECIAL N
266 14 37 29	-174	9.3	STARS H	266 15 17 29	-156	-40.3	SPECIAL N
266 14 37 40	-174	9.3	STARS H	266 15 17 34	-150	-40.3	SPECIAL N
266 14 38 57	-174	9.3	STARS H	266 15 17 39	-153	-35.3	SPECIAL N
266 14 39 08	-174	9.3	STARS H	266 15 17 44	-159	-35.3	SPECIAL N
266 14 39 59	-171	9.3	STARS H	266 15 17 48	-165	-35.3	SPECIAL N
266 14 40 09	-171	9.3	STARS H	266 15 17 53	-171	-35.3	SPECIAL N
266 14 40 49	-177	9.3	STARS H	266 15 17 58	-177	29.2	SPECIAL N
266 14 40 59	-177	9.3	STARS H	266 15 18 04	-180	-30.3	SPECIAL N
266 14 41 57	-174	9.3	STARS H	266 15 18 07	-174	-30.3	SPECIAL N
266 14 42 07	-174	9.3	STARS H	266 15 18 12	-168	-30.3	SPECIAL N
266 14 42 42	-174	9.3	STARS H	266 15 19 24	-57	-60.1	SPECIAL N
266 14 42 51	-177	9.3	STARS H	266 15 21 09	-63	-60.1	SHADOW PROGRESSION S
266 14 47 02	-117	-60.1	STARS H	266 15 32 04	-51	-60.1	SHADOW PROGRESSION S
266 14 47 13	-117	-60.1	STARS H	266 15 32 25	-51	-20.3	SHADOW PROGRESSION S
266 14 48 08	-117	-60.1	STARS H	266 15 32 33	-66	-20.3	SHADOW PROGRESSION S
266 14 50 53	-63	-60.1	STARS H	266 15 32 39	-69	-5.6	SHADOW PROGRESSION S
266 14 55 02	-57	-65.1	SPECIAL N	266 15 32 48	-69	-5.6	SHADOW PROGRESSION S
266 14 56 08	-57	-55.2	SPECIAL N	266 15 33 13	-54	4.3	SHADOW PROGRESSION S
266 14 56 13	-63	-55.2	SPECIAL N	266 15 33 17	-54	4.3	SHADOW PROGRESSION S
266 14 56 18	-69	-65.1	SPECIAL N	266 15 33 27	-60	4.3	SHADOW PROGRESSION S
266 14 57 16	-78	-65.1	SPECIAL N	266 15 33 32	-60	4.3	SHADOW PROGRESSION S
266 14 57 32	-72	-70.1	SPECIAL N	266 15 33 39	-69	-0.7	SHADOW PROGRESSION S
266 14 57 35	-66	-70.1	SPECIAL N	266 15 33 43	-69	-0.7	SHADOW PROGRESSION S
266 14 57 40	-63	-70.1	SPECIAL N	266 15 33 52	-63	-0.7	SHADOW PROGRESSION S
266 14 57 45	-54	-70.1	SPECIAL N	266 15 33 58	-63	-0.7	SHADOW PROGRESSION S
266 14 57 49	-48	-70.1	SPECIAL N	266 15 34 07	-57	-0.7	SHADOW PROGRESSION S
266 14 57 54	-42	-70.1	SPECIAL N	266 15 34 12	-57	-0.7	SHADOW PROGRESSION S
266 14 57 59	-39	-65.1	SPECIAL N	266 15 34 23	-54	-5.6	SHADOW PROGRESSION S
266 14 58 04	-48	-65.1	SPECIAL N	266 15 34 27	-54	-5.6	SHADOW PROGRESSION S
266 14 58 08	-54	-65.1	SPECIAL N	266 15 34 35	-60	-5.6	SHADOW PROGRESSION S
266 14 58 13	-60	-65.1	SPECIAL N	266 15 34 39	-60	-5.6	SHADOW PROGRESSION S
266 14 58 17	-66	-65.1	SPECIAL N	266 15 34 50	-66	-5.6	SHADOW PROGRESSION S
266 14 58 22	-69	-65.1	SPECIAL N	266 15 34 55	-66	-5.6	SHADOW PROGRESSION S
266 14 58 26	-75	-65.1	SPECIAL N	266 15 35 03	-69	-5.6	SHADOW PROGRESSION S
266 14 58 31	-78	-65.1	SPECIAL N	266 15 35 08	-69	-5.6	SHADOW PROGRESSION S
266 14 58 35	-78	-60.1	SPECIAL N	266 15 35 16	-66	-10.5	SHADOW PROGRESSION S
266 14 58 39	-72	-60.1	SPECIAL N	266 15 35 21	-66	-10.5	SHADOW PROGRESSION S
266 14 58 44	-69	-60.1	SPECIAL N	266 15 35 29	-60	-10.5	SHADOW PROGRESSION S
266 14 58 49	-66	-60.1	SPECIAL N	266 15 35 34	-60	-10.5	SHADOW PROGRESSION S
266 14 58 54	-63	-60.1	SPECIAL N	266 15 35 44	-54	-10.5	SHADOW PROGRESSION S
266 14 58 58	-54	-60.1	SPECIAL N	266 15 35 48	-54	-10.5	SHADOW PROGRESSION S
266 14 59 03	-48	-60.1	SPECIAL N	266 15 35 56	-48	-10.5	SHADOW PROGRESSION S
266 14 59 08	-42	-60.1	SPECIAL N	266 15 36 00	-48	-10.5	SHADOW PROGRESSION S
266 14 59 13	-48	-55.2	SPECIAL N	266 15 36 10	-48	-15.3	SHADOW PROGRESSION S
266 14 59 16	-54	-55.2	SPECIAL N	266 15 36 15	-48	-15.3	SHADOW PROGRESSION S
266 14 59 21	-57	-55.2	SPECIAL N	266 15 36 22	-54	-15.3	SHADOW PROGRESSION S
266 14 59 26	-60	-55.2	SPECIAL N	266 15 36 26	-54	-15.3	SHADOW PROGRESSION S
266 14 59 30	-63	-55.2	SPECIAL N	266 15 36 34	-60	-15.3	SHADOW PROGRESSION S
266 14 59 34	-66	-55.2	SPECIAL N	266 15 36 38	-60	-15.3	SHADOW PROGRESSION S
266 14 59 39	-69	-55.2	SPECIAL N	266 15 36 47	-66	-15.3	SHADOW PROGRESSION S
266 14 59 44	-69	-55.2	SPECIAL N	266 15 36 51	-66	-15.3	SHADOW PROGRESSION S
266 14 59 48	-72	-55.2	SPECIAL N	266 15 37 01	-63	-20.3	SHADOW PROGRESSION S
266 14 59 53	-75	-55.2	SPECIAL N	266 15 37 06	-63	-20.3	SHADOW PROGRESSION S
266 14 59 57	-75	-50.2	SPECIAL N	266 15 37 12	-57	-20.3	SHADOW PROGRESSION S
266 15 00 01	-66	-50.2	SPECIAL N	266 15 37 16	-57	-20.3	SHADOW PROGRESSION S
266 15 00 06	-63	-50.2	SPECIAL N	266 15 37 24	-51	-20.3	SHADOW PROGRESSION S
266 15 00 11	-54	-50.2	SPECIAL N	266 15 37 28	-51	-20.3	SHADOW PROGRESSION S
266 15 00 16	-48	-50.2	SPECIAL N	266 15 37 54	-63	-60.1	SHADOW PROGRESSION S
266 15 02 38	-210	-45.3	SPECIAL N	266 15 37 59	-63	-60.1	SHADOW PROGRESSION S
266 15 03 40	-213	-45.3	SPECIAL N	266 15 38 16	-63	-60.1	SHADOW PROGRESSION S
266 15 03 45	-219	-45.3	SPECIAL N	266 16 35 44	-63	-60.1	SHADOW PROGRESSION T
266 15 03 49	-219	-50.2	SPECIAL N	266 16 39 59	-51	-20.3	SHADOW PROGRESSION T
266 15 03 53	-216	-50.2	SPECIAL N	266 16 40 45	-69	-20.3	SHADOW PROGRESSION T
266 15 03 58	-210	-50.2	SPECIAL N	266 16 41 31	-72	-5.6	SHADOW PROGRESSION T
266 15 04 03	-207	-50.2	SPECIAL N	266 16 42 01	-72	-5.6	SHADOW PROGRESSION T
266 15 04 08	-204	-50.2	SPECIAL N	266 16 43 25	-57	4.3	SHADOW PROGRESSION T
266 15 04 11	-201	-50.2	SPECIAL N	266 16 43 32	-54	4.3	SHADOW PROGRESSION T
266 15 04 16	-201	-55.2	SPECIAL N	266 16 44 10	-60	4.3	SHADOW PROGRESSION T
266 15 04 21	-204	-55.2	SPECIAL N	266 16 44 17	-60	4.3	SHADOW PROGRESSION T
266 15 04 26	-207	-55.2	SPECIAL N	266 16 44 51	-69	-0.7	SHADOW PROGRESSION T
266 15 04 29	-210	-55.2	SPECIAL N	266 16 44 58	-69	-0.7	SHADOW PROGRESSION T
266 15 04 34	-216	-55.2	SPECIAL N	266 16 45 48	-66	-0.7	SHADOW PROGRESSION T
266 15 04 39	-219	-55.2	SPECIAL N	266 16 45 55	-63	-0.7	SHADOW PROGRESSION T

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
266 16 46 35	-57	-0.7	SHADOW PROGRESSION T	267 06 20 13	-69	-5.6	SHADOW PROGRESSION U
266 16 46 42	-57	-0.7	SHADOW PROGRESSION T	267 06 23 23	-63	-5.6	SHADOW PROGRESSION U
266 16 47 26	-54	-5.6	SHADOW PROGRESSION T	267 06 24 24	-63	-5.6	SHADOW PROGRESSION U
266 16 47 32	-54	-5.6	SHADOW PROGRESSION T	267 06 24 58	51	-5.6	SHADOW PROGRESSION U
266 16 48 01	-60	-5.6	SHADOW PROGRESSION T	267 06 26 07	-63	-5.6	SHADOW PROGRESSION U
266 16 48 07	-60	-5.6	SHADOW PROGRESSION T	267 06 26 51	-63	-5.6	SHADOW PROGRESSION U
266 16 49 23	-66	-5.6	SHADOW PROGRESSION T	267 06 29 21	-174	-40.3	SURVEY M SECTORS 3,4
266 16 49 29	-66	-5.6	SHADOW PROGRESSION T	267 06 30 15	-174	-40.3	SURVEY M SECTORS 3,4
266 16 50 18	-72	-5.6	SHADOW PROGRESSION T	267 06 30 27	-174	-40.3	SURVEY M SECTORS 3,4
266 16 50 24	-72	-5.6	SHADOW PROGRESSION T	267 06 32 11	-177	-35.3	SURVEY M SECTORS 3,4
266 16 51 04	-69	-10.5	SHADOW PROGRESSION T	267 06 32 16	-171	-35.3	SURVEY M SECTORS 3,4
266 16 51 11	-69	-10.5	SHADOW PROGRESSION T	267 06 32 20	-165	-35.3	SURVEY M SECTORS 3,4
266 16 51 49	-63	-10.5	SHADOW PROGRESSION T	267 06 32 25	-159	-35.3	SURVEY M SECTORS 3,4
266 16 51 55	-66	-10.5	SHADOW PROGRESSION T	267 06 32 30	-153	-35.3	SURVEY M SECTORS 3,4
266 16 53 04	-57	-10.5	SHADOW PROGRESSION T	267 06 32 34	-147	-35.3	SURVEY M SECTORS 3,4
266 16 53 09	-57	-10.5	SHADOW PROGRESSION T	267 06 32 39	-144	-30.3	SURVEY M SECTORS 3,4
266 16 53 45	-51	-10.5	SHADOW PROGRESSION T	267 06 32 42	-150	-30.3	SURVEY M SECTORS 3,4
266 16 53 51	-51	-10.5	SHADOW PROGRESSION T	267 06 32 47	-156	-30.3	SURVEY M SECTORS 3,4
266 16 54 37	-48	-15.3	SHADOW PROGRESSION T	267 06 32 52	-162	-30.3	SURVEY M SECTORS 3,4
266 16 54 43	-48	-15.3	SHADOW PROGRESSION T	267 06 32 56	-168	-30.3	SURVEY M SECTORS 3,4
266 16 55 17	-54	-15.3	SHADOW PROGRESSION T	267 06 33 01	-174	-30.3	SURVEY M SECTORS 3,4
266 16 55 23	-54	-15.3	SHADOW PROGRESSION T	267 06 33 05	-177	-25.3	SURVEY M SECTORS 3,4
266 16 55 54	-60	-15.3	SHADOW PROGRESSION T	267 06 33 10	-171	-25.3	SURVEY M SECTORS 3,4
266 16 56 01	-60	-15.3	SHADOW PROGRESSION T	267 06 33 15	-165	-25.3	SURVEY M SECTORS 3,4
266 16 56 37	-66	-15.3	SHADOW PROGRESSION T	267 06 33 18	-159	-25.3	SURVEY M SECTORS 3,4
266 16 56 43	-66	-15.3	SHADOW PROGRESSION T	267 06 33 23	-153	-25.3	SURVEY M SECTORS 3,4
266 16 57 25	-63	-20.3	SHADOW PROGRESSION T	267 06 33 27	-147	-25.3	SURVEY M SECTORS 3,4
266 16 57 32	-63	-20.3	SHADOW PROGRESSION T	267 06 35 09	-144	-45.3	SURVEY M SECTORS 5,6
266 16 57 55	-60	-65.1	SHADOW PROGRESSION T	267 06 35 44	-138	-45.3	SURVEY M SECTORS 5,6
266 16 58 01	-60	-65.1	SHADOW PROGRESSION T	267 06 35 49	-132	-45.3	SURVEY M SECTORS 5,6
266 22 19 56	-60	-60.1	CAMERA INTEROGATION	267 06 35 54	-126	-45.3	SURVEY M SECTORS 5,6
266 22 22 12	-60	-60.1	CAMERA INTEROGATION	267 06 35 58	-120	-45.3	SURVEY M SECTORS 5,6
266 22 24 59	-60	-60.1	CAMERA INTEROGATION	267 06 36 03	-114	-45.3	SURVEY M SECTORS 5,6
266 22 28 53	-63	-5.6	CAMERA INTEROGATION	267 06 36 07	-111	-40.3	SURVEY M SECTORS 5,6
266 22 29 41	-63	-5.6	CAMERA INTEROGATION	267 06 36 12	-117	-40.3	SURVEY M SECTORS 5,6
266 22 34 11	-63	-5.6	CAMERA INTEROGATION	267 06 36 17	-123	-40.3	SURVEY M SECTORS 5,6
266 22 35 23	-63	-5.6	CAMERA INTEROGATION	267 06 36 20	-129	-40.3	SURVEY M SECTORS 5,6
266 22 36 33	-63	-5.6	CAMERA INTEROGATION	267 06 37 19	-135	-40.3	SURVEY M SECTORS 5,6
266 22 39 58	-63	-5.6	CAMERA INTEROGATION	267 06 37 23	-141	-40.3	SURVEY M SECTORS 5,6
266 22 47 56	-63	-5.6	CAMERA INTEROGATION	267 06 37 29	-141	-35.3	SURVEY M SECTORS 5,6
266 22 57 31	-69	-5.6	CAMERA INTEROGATION	267 06 37 33	-135	-35.3	SURVEY M SECTORS 5,6
266 23 02 24	-63	-5.6	CAMERA INTEROGATION	267 06 37 37	-129	-35.3	SURVEY M SECTORS 5,6
266 23 39 37	51	-5.6	SHADOW PROGRESSION U	267 06 37 41	-123	-35.3	SURVEY M SECTORS 5,6
266 23 41 51	-63	-5.6	SHADOW PROGRESSION U	267 06 37 46	-117	-35.3	SURVEY M SECTORS 5,6
267 01 12 54	-63	-5.6	SHADOW PROGRESSION U	267 06 37 51	-111	-35.3	SURVEY M SECTORS 5,6
267 01 13 11	-63	-5.6	SHADOW PROGRESSION U	267 06 37 55	-108	-30.3	SURVEY M SECTORS 5,6
267 01 43 57	-63	-5.6	SHADOW PROGRESSION U	267 06 38 00	-114	-30.3	SURVEY M SECTORS 5,6
267 01 45 42	-63	-5.6	SHADOW PROGRESSION U	267 06 38 05	-120	-30.3	SURVEY M SECTORS 5,6
267 02 09 23	-63	-5.6	SHADOW PROGRESSION U	267 06 38 09	-126	-30.3	SURVEY M SECTORS 5,6
267 02 11 00	-63	-5.6	SHADOW PROGRESSION U	267 06 38 14	-132	-30.3	SURVEY M SECTORS 5,6
267 02 11 33	-69	-5.6	SHADOW PROGRESSION U	267 06 38 17	-138	-30.3	SURVEY M SECTORS 5,6
267 02 13 28	-69	-5.6	SHADOW PROGRESSION U	267 06 38 24	-141	-25.3	SURVEY M SECTORS 5,6
267 02 14 11	-66	-5.6	SHADOW PROGRESSION U	267 06 38 29	-135	-25.3	SURVEY M SECTORS 5,6
267 02 16 23	-66	-5.6	SHADOW PROGRESSION U	267 06 38 34	-129	-25.3	SURVEY M SECTORS 5,6
267 02 41 14	-63	-5.6	SHADOW PROGRESSION U	267 06 38 38	-123	-25.3	SURVEY M SECTORS 5,6
267 02 41 50	-66	-5.6	SHADOW PROGRESSION U	267 06 38 43	-117	-25.3	SURVEY M SECTORS 5,6
267 02 42 59	-66	-5.6	SHADOW PROGRESSION U	267 06 38 47	-111	-25.3	SURVEY M SECTORS 5,6
267 02 43 20	-63	-5.6	SHADOW PROGRESSION U	267 06 40 14	-105	-35.3	SURVEY M SECTORS 7,8
267 03 10 42	-63	-5.6	SHADOW PROGRESSION U	267 06 40 45	-99	-35.3	SURVEY M SECTORS 7,8
267 03 11 14	-66	-5.6	SHADOW PROGRESSION U	267 06 40 49	-93	-35.3	SURVEY M SECTORS 7,8
267 03 12 40	-66	-5.6	SHADOW PROGRESSION U	267 06 40 53	-87	-35.3	SURVEY M SECTORS 7,8
267 03 13 22	-63	-5.6	SHADOW PROGRESSION U	267 06 40 57	-81	-35.3	SURVEY M SECTORS 7,8
267 03 39 49	-63	-5.6	SHADOW PROGRESSION U	267 06 41 02	-75	-35.3	SURVEY M SECTORS 7,8
267 03 40 18	-66	-5.6	SHADOW PROGRESSION U	267 06 41 07	-72	-30.3	SURVEY M SECTORS 7,8
267 03 41 38	-66	-5.6	SHADOW PROGRESSION U	267 06 41 11	-78	-30.3	SURVEY M SECTORS 7,8
267 03 41 59	-63	-5.6	SHADOW PROGRESSION U	267 06 41 16	-84	-30.3	SURVEY M SECTORS 7,8
267 04 10 44	-63	-5.6	SHADOW PROGRESSION U	267 06 41 21	-90	-30.3	SURVEY M SECTORS 7,8
267 04 11 06	-66	-5.6	SHADOW PROGRESSION U	267 06 41 25	-96	-30.3	SURVEY M SECTORS 7,8
267 04 12 28	-66	-5.6	SHADOW PROGRESSION U	267 06 41 30	-102	-30.3	SURVEY M SECTORS 7,8
267 04 12 54	-63	-5.6	SHADOW PROGRESSION U	267 06 41 37	-105	-25.3	SURVEY M SECTORS 7,8
267 04 40 01	-63	-5.6	SHADOW PROGRESSION U	267 06 41 41	-99	-25.3	SURVEY M SECTORS 7,8
267 04 40 12	-63	-5.6	SHADOW PROGRESSION U	267 06 41 46	-93	-25.3	SURVEY M SECTORS 7,8
267 04 40 27	-66	-5.6	SHADOW PROGRESSION U	267 06 41 51	-87	-25.3	SURVEY M SECTORS 7,8
267 04 41 19	-66	-5.6	SHADOW PROGRESSION U	267 06 41 55	-81	-25.3	SURVEY M SECTORS 7,8
267 04 41 34	-63	-5.6	SHADOW PROGRESSION U	267 06 41 59	-75	-25.3	SURVEY M SECTORS 7,8
267 05 09 28	-63	-5.6	SHADOW PROGRESSION U	267 06 42 05	-72	-20.3	SURVEY M SECTORS 7,8
267 05 09 50	-66	-5.6	SHADOW PROGRESSION U	267 06 42 09	-78	-20.3	SURVEY M SECTORS 7,8
267 05 10 52	-66	-5.6	SHADOW PROGRESSION U	267 06 42 13	-84	-20.3	SURVEY M SECTORS 7,8
267 05 11 18	-63	-5.6	SHADOW PROGRESSION U	267 06 42 17	-90	-20.3	SURVEY M SECTORS 7,8
267 05 36 15	-63	-5.6	SHADOW PROGRESSION U	267 06 42 22	-96	-20.3	SURVEY M SECTORS 7,8
267 05 36 42	-66	-5.6	SHADOW PROGRESSION U	267 06 42 27	-102	-20.3	SURVEY M SECTORS 7,8
267 05 38 04	-66	-5.6	SHADOW PROGRESSION U	267 06 42 31	-105	-15.3	SURVEY M SECTORS 7,8
267 05 38 24	-63	-5.6	SHADOW PROGRESSION U	267 06 42 36	-99	-15.3	SURVEY M SECTORS 7,8
267 06 13 51	-63	-5.6	SHADOW PROGRESSION U	267 06 42 41	-93	-15.3	SURVEY M SECTORS 7,8
267 06 14 01	-63	-5.6	SHADOW PROGRESSION U	267 06 42 45	-87	-15.3	SURVEY M SECTORS 7,8
267 06 19 28	-63	-5.6	SHADOW PROGRESSION U	267 06 42 49	-81	-15.3	SURVEY M SECTORS 7,8
267 06 19 39	-63	-5.6	SHADOW PROGRESSION U	267 06 42 53	-75	-15.3	SURVEY M SECTORS 7,8
267 06 19 51	-63	-5.6	SHADOW PROGRESSION U	267 06 42 58	-72	-10.5	SURVEY M SECTORS 7,8
267 06 20 01	-63	-5.6	SHADOW PROGRESSION U	267 06 43 03	-78	-10.5	SURVEY M SECTORS 7,8

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
267 06 43 37	-75	-5.6	SURVEY M SECTORS 7,8	267 07 01 06	24	29.2	SURVEY M SECTORS 13,14
267 06 44 11	-75	-5.6	SURVEY M SECTORS 7,8	267 07 01 11	18	29.2	SURVEY M SECTORS 13,14
267 06 46 59	-69	-5.6	SURVEY M SECTORS 9,10	267 07 01 15	12	29.2	SURVEY M SECTORS 13,14
267 06 47 36	-63	-5.6	SURVEY M SECTORS 9,10	267 07 01 20	6	29.2	SURVEY M SECTORS 13,14
267 06 47 41	-57	-5.6	SURVEY M SECTORS 9,10	267 07 02 21	33	14.4	SURVEY M SECTORS 13,14
267 06 47 46	-51	-5.6	SURVEY M SECTORS 9,10	267 07 03 05	39	14.4	SURVEY M SECTOR 15
267 06 47 50	-45	-5.6	SURVEY M SECTORS 9,10	267 07 03 09	45	14.4	SURVEY M SECTOR 15
267 06 47 54	-39	-5.6	SURVEY M SECTORS 9,10	267 07 03 14	51	14.4	SURVEY M SECTOR 15
267 06 47 58	-39	-5.6	SURVEY M SECTORS 9,10	267 07 03 19	57	14.4	SURVEY M SECTOR 15
267 06 48 03	-33	-5.6	SURVEY M SECTORS 11,12	267 07 03 22	60	19.4	SURVEY M SECTOR 15
267 06 48 08	-36	-0.7	SURVEY M SECTORS 9,10	267 07 03 27	54	19.4	SURVEY M SECTOR 15
267 06 48 12	-42	-0.7	SURVEY M SECTORS 9,10	267 07 03 31	48	19.4	SURVEY M SECTOR 15
267 06 48 17	-48	-0.7	SURVEY M SECTORS 9,10	267 07 03 36	42	19.4	SURVEY M SECTOR 15
267 06 48 21	-54	-0.7	SURVEY M SECTORS 9,10	267 07 03 41	36	19.4	SURVEY M SECTORS 13,14
267 06 48 26	-60	-0.7	SURVEY M SECTORS 9,10	267 07 03 45	33	24.3	SURVEY M SECTORS 13,14
267 06 48 31	-66	-0.7	SURVEY M SECTORS 9,10	267 07 03 50	39	24.3	SURVEY M SECTOR 15
267 06 48 39	-69	4.3	SURVEY M SECTORS 9,10	267 07 03 55	45	24.3	SURVEY M SECTOR 15
267 06 48 44	-63	4.3	SURVEY M SECTORS 9,10	267 07 03 59	51	24.3	SURVEY M SECTOR 15
267 06 48 48	-57	4.3	SURVEY M SECTORS 9,10	267 07 04 04	57	24.3	SURVEY M SECTOR 15
267 06 48 52	-51	4.3	SURVEY M SECTORS 9,10	267 07 04 09	60	29.2	SURVEY M SECTOR 15
267 06 48 56	-45	4.3	SURVEY M SECTORS 9,10	267 07 04 13	54	29.2	SURVEY M SECTOR 15
267 06 49 01	-39	4.3	SURVEY M SECTORS 9,10	267 07 04 18	48	29.2	SURVEY M SECTOR 15
267 06 49 06	-33	4.3	SURVEY M SECTORS 11,12	267 07 04 23	42	29.2	SURVEY M SECTOR 15
267 06 49 10	-30	9.3	SURVEY M SECTORS 11,12	267 07 04 27	36	24.3	SURVEY M SECTORS 13,14
267 06 49 15	-36	9.3	SURVEY M SECTORS 9,10	267 07 05 37	36	24.3	SURVEY M SECTORS 13,14
267 06 49 19	-42	9.3	SURVEY M SECTORS 9,10	267 07 05 48	36	24.3	SURVEY M SECTORS 13,14
267 06 49 24	-48	9.3	SURVEY M SECTORS 9,10	267 07 45 33	60	19.4	SURVEY N SECTORS 15,16
267 06 49 29	-54	9.3	SURVEY M SECTORS 9,10	267 07 45 44	60	19.4	SURVEY N SECTORS 15,16
267 06 49 32	-60	9.3	SURVEY M SECTORS 9,10	267 07 46 22	54	19.4	SURVEY N SECTORS 15,16
267 06 49 37	-66	9.3	SURVEY M SECTORS 9,10	267 07 46 27	48	14.4	SURVEY N SECTORS 15,16
267 06 49 42	-69	14.4	SURVEY M SECTORS 9,10	267 07 46 31	42	19.4	SURVEY N SECTORS 15,16
267 06 49 46	-63	14.4	SURVEY M SECTORS 9,10	267 07 46 35	36	19.4	SURVEY N SECTORS 15,16
267 06 49 51	-57	14.4	SURVEY M SECTORS 9,10	267 07 46 41	33	24.3	SURVEY N SECTORS 15,16
267 06 49 55	-51	14.4	SURVEY M SECTORS 9,10	267 07 46 45	39	24.3	SURVEY N SECTORS 15,16
267 06 50 00	-45	14.4	SURVEY M SECTORS 9,10	267 07 46 50	45	24.3	SURVEY N SECTORS 15,16
267 06 50 05	-39	14.4	SURVEY M SECTORS 9,10	267 07 46 53	51	24.3	SURVEY N SECTORS 15,16
267 06 50 08	-33	14.4	SURVEY M SECTORS 11,12	267 07 46 58	57	24.3	SURVEY N SECTORS 15,16
267 06 50 13	-30	19.4	SURVEY M SECTORS 11,12	267 07 47 04	60	29.2	SURVEY N SECTORS 15,16
267 06 50 57	-27	4.3	SURVEY M SECTORS 11,12	267 07 47 08	54	29.2	SURVEY N SECTORS 15,16
267 06 51 53	-21	4.3	SURVEY M SECTORS 11,12	267 07 47 13	48	29.2	SURVEY N SECTORS 15,16
267 06 51 57	-15	4.3	SURVEY M SECTORS 11,12	267 07 47 18	42	29.2	SURVEY N SECTORS 15,16
267 06 52 01	-9	4.3	SURVEY M SECTORS 11,12	267 07 47 42	36	29.2	SURVEY N SECTORS 15,16
267 06 52 05	-3	4.3	SURVEY M SECTORS 11,12	267 07 48 55	63	4.3	SURVEY N SECTORS 17,18
267 06 52 13	0	9.3	SURVEY M SECTORS 11,12	267 07 50 00	69	4.3	SURVEY N SECTORS 17,18
267 06 52 18	-6	9.3	SURVEY M SECTORS 11,12	267 07 50 04	75	4.3	SURVEY N SECTORS 17,18
267 06 52 23	-12	9.3	SURVEY M SECTORS 11,12	267 07 50 09	81	4.3	SURVEY N SECTORS 17,18
267 06 52 26	-18	9.3	SURVEY M SECTORS 11,12	267 07 50 12	87	4.3	SURVEY N SECTORS 17,18
267 06 52 31	-24	9.3	SURVEY M SECTORS 11,12	267 07 50 17	93	4.3	SURVEY N SECTORS 17,18
267 06 52 37	-27	14.4	SURVEY M SECTORS 11,12	267 07 51 59	93	4.3	SURVEY N SECTORS 17,18
267 06 52 41	-21	14.4	SURVEY M SECTORS 11,12	267 07 52 10	93	4.3	SURVEY N SECTORS 17,18
267 06 52 46	-15	14.4	SURVEY M SECTORS 11,12	267 07 57 46	-177	-35.3	SURVEY N SECTORS 3,4
267 06 52 51	-9	14.4	SURVEY M SECTORS 11,12	267 07 59 25	-171	-35.3	SURVEY N SECTORS 3,4
267 06 52 55	-3	14.4	SURVEY M SECTORS 11,12	267 07 59 30	-165	-35.3	SURVEY N SECTORS 3,4
267 06 52 59	0	19.4	SURVEY M SECTORS 11,12	267 07 59 35	-159	-35.3	SURVEY N SECTORS 3,4
267 06 53 03	-6	19.4	SURVEY M SECTORS 11,12	267 07 59 39	-153	-35.3	SURVEY N SECTORS 3,4
267 06 53 08	-12	19.4	SURVEY M SECTORS 11,12	267 07 59 44	-147	-35.3	SURVEY N SECTORS 3,4
267 06 53 13	-18	19.4	SURVEY M SECTORS 11,12	267 07 59 49	-144	-30.3	SURVEY N SECTORS 3,4
267 06 53 18	-27	14.4	SURVEY M SECTORS 11,12	267 07 59 53	-144	-30.3	SURVEY N SECTORS 3,4
267 06 56 36	-21	14.4	SURVEY M SECTORS 11,12	267 08 00 19	-150	-30.3	SURVEY N SECTORS 3,4
267 06 56 40	-15	14.4	SURVEY M SECTORS 11,12	267 08 00 48	-156	-30.3	SURVEY N SECTORS 3,4
267 06 56 44	-9	14.4	SURVEY M SECTORS 11,12	267 08 00 52	-162	-30.3	SURVEY N SECTORS 3,4
267 06 56 48	-3	14.4	SURVEY M SECTORS 11,12	267 08 00 56	-168	-30.3	SURVEY N SECTORS 3,4
267 06 56 53	0	19.4	SURVEY M SECTORS 11,12	267 08 01 00	-174	-30.3	SURVEY N SECTORS 3,4
267 06 56 58	-6	19.4	SURVEY M SECTORS 11,12	267 08 01 05	-177	-25.3	SURVEY N SECTORS 3,4
267 06 57 02	-12	19.4	SURVEY M SECTORS 11,12	267 08 01 10	-171	-25.3	SURVEY N SECTORS 3,4
267 06 57 07	-18	19.4	SURVEY M SECTORS 11,12	267 08 01 14	-165	-25.3	SURVEY N SECTORS 3,4
267 06 57 11	-24	19.4	SURVEY M SECTORS 11,12	267 08 01 19	-159	-25.3	SURVEY N SECTORS 3,4
267 06 57 16	-27	24.3	SURVEY M SECTORS 11,12	267 08 01 23	-153	-25.3	SURVEY N SECTORS 3,4
267 06 57 20	-21	24.3	SURVEY M SECTORS 11,12	267 08 01 28	-147	-25.3	SURVEY N SECTORS 3,4
267 06 57 24	-15	24.3	SURVEY M SECTORS 11,12	267 08 03 35	-177	-35.3	SURVEY N SECTORS 3,4
267 06 57 29	-9	24.3	SURVEY M SECTORS 11,12	267 08 03 46	-177	-35.3	SURVEY N SECTORS 3,4
267 06 57 34	-3	24.3	SURVEY M SECTORS 11,12	267 08 04 08	-171	-35.3	SURVEY N SECTORS 3,4
267 06 57 38	0	29.2	SURVEY M SECTORS 11,12	267 08 04 13	-165	-35.3	SURVEY N SECTORS 3,4
267 06 58 48	3	14.4	SURVEY M SECTORS 13,14	267 08 04 17	-159	-35.3	SURVEY N SECTORS 3,4
267 06 59 59	9	14.4	SURVEY M SECTORS 13,14	267 08 04 21	-153	-35.3	SURVEY N SECTORS 3,4
267 07 00 03	15	14.4	SURVEY M SECTORS 13,14	267 08 04 25	-147	-35.3	SURVEY N SECTORS 3,4
267 07 00 08	21	14.4	SURVEY M SECTORS 13,14	267 08 04 30	-144	-30.3	SURVEY N SECTORS 3,4
267 07 00 12	27	14.4	SURVEY M SECTORS 13,14	267 08 04 35	-150	-30.3	SURVEY N SECTORS 3,4
267 07 00 16	30	19.4	SURVEY M SECTORS 13,14	267 08 04 39	-156	-30.3	SURVEY N SECTORS 3,4
267 07 00 21	24	19.4	SURVEY M SECTORS 13,14	267 08 04 44	-162	-30.3	SURVEY N SECTORS 3,4
267 07 00 26	18	19.4	SURVEY M SECTORS 13,14	267 08 04 48	-168	-30.3	SURVEY N SECTORS 3,4
267 07 00 30	12	19.4	SURVEY M SECTORS 13,14	267 08 04 53	-174	-30.3	SURVEY N SECTORS 3,4
267 07 00 35	6	19.4	SURVEY M SECTORS 13,14	267 08 04 58	-177	-25.3	SURVEY N SECTORS 3,4
267 07 00 39	3	24.3	SURVEY M SECTORS 13,14	267 08 05 01	-171	-25.3	SURVEY N SECTORS 3,4
267 07 00 44	9	24.3	SURVEY M SECTORS 13,14	267 08 05 06	-165	-25.3	SURVEY N SECTORS 3,4
267 07 00 49	15	24.3	SURVEY M SECTORS 13,14	267 08 05 10	-159	-25.3	SURVEY N SECTORS 3,4
267 07 00 53	21	24.3	SURVEY M SECTORS 13,14	267 08 05 15	-153	-25.3	SURVEY N SECTORS 3,4
267 07 00 58	27	24.3	SURVEY M SECTORS 13,14	267 08 05 20	-147	-25.3	SURVEY N SECTORS 3,4
267 07 01 02	30	29.2	SURVEY M SECTORS 13,14	267 08 06 49	-141	-35.3	SURVEY N SECTORS 5,6

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
267 08 07 41	-135	-35.3	SURVEY N SECTORS 5,6	267 08 21 32	-27	14.4	SURVEY N SECTORS 11,12
267 08 07 46	-129	-35.3	SURVEY N SECTORS 5,6	267 08 24 24	-33	14.4	SURVEY N SECTORS 11,12
267 08 07 50	-123	-35.3	SURVEY N SECTORS 5,6	267 08 24 57	-30	19.4	SURVEY N SECTORS 11,12
267 08 07 55	-117	-35.3	SURVEY N SECTORS 5,6	267 08 25 32	-27	14.4	SURVEY N SECTORS 11,12
267 08 07 59	-111	-35.3	SURVEY N SECTORS 5,6	267 08 26 19	-21	14.4	SURVEY N SECTORS 11,12
267 08 08 04	-108	-30.3	SURVEY N SECTORS 5,6	267 08 26 24	-15	14.4	SURVEY N SECTORS 11,12
267 08 08 09	-114	-30.3	SURVEY N SECTORS 5,6	267 08 26 28	-9	14.4	SURVEY N SECTORS 11,12
267 08 08 12	-120	-30.3	SURVEY N SECTORS 5,6	267 08 26 33	-3	14.4	SURVEY N SECTORS 11,12
267 08 08 17	-126	-30.3	SURVEY N SECTORS 5,6	267 08 26 37	0	19.4	SURVEY N SECTORS 11,12
267 08 08 21	-132	-30.3	SURVEY N SECTORS 5,6	267 08 27 22	0	19.4	SURVEY N SECTORS 11,12
267 08 08 26	-138	-30.3	SURVEY N SECTORS 5,6	267 08 27 59	-6	19.4	SURVEY N SECTORS 11,12
267 08 08 34	-141	-25.3	SURVEY N SECTORS 5,6	267 08 28 04	-12	19.4	SURVEY N SECTORS 11,12
267 08 08 38	-135	-25.3	SURVEY N SECTORS 5,6	267 08 28 08	-18	19.4	SURVEY N SECTORS 11,12
267 08 08 42	-129	-25.3	SURVEY N SECTORS 5,6	267 08 28 13	-24	19.4	SURVEY N SECTORS 11,12
267 08 08 47	-123	-25.3	SURVEY N SECTORS 5,6	267 08 28 18	-27	24.3	SURVEY N SECTORS 11,12
267 08 08 52	-117	-25.3	SURVEY N SECTORS 5,6	267 08 28 21	-21	24.3	SURVEY N SECTORS 11,12
267 08 08 56	-111	-25.3	SURVEY N SECTORS 5,6	267 08 28 26	-15	29.2	SURVEY N SECTORS 11,12
267 08 09 02	-108	-20.3	SURVEY N SECTORS 5,6	267 08 28 30	-9	24.3	SURVEY N SECTORS 11,12
267 08 09 53	-102	-30.3	SURVEY N SECTORS 7,8	267 08 28 35	-3	24.3	SURVEY N SECTORS 11,12
267 08 10 39	-105	-25.3	SURVEY N SECTORS 7,8	267 08 28 40	0	29.2	SURVEY N SECTORS 11,12
267 08 10 44	-99	-25.3	SURVEY N SECTORS 7,8	267 08 28 44	-6	29.2	SURVEY N SECTORS 11,12
267 08 10 49	-93	-25.3	SURVEY N SECTORS 7,8	267 08 30 22	3	14.4	SURVEY N SECTORS 13,14
267 08 10 53	-87	-25.3	SURVEY N SECTORS 7,8	267 08 30 48	9	14.4	SURVEY N SECTORS 13,14
267 08 10 58	-81	-25.3	SURVEY N SECTORS 7,8	267 08 30 53	15	14.4	SURVEY N SECTORS 13,14
267 08 11 03	-75	-25.3	SURVEY N SECTORS 7,8	267 08 30 58	21	14.4	SURVEY N SECTORS 13,14
267 08 11 07	-72	-20.3	SURVEY N SECTORS 7,8	267 08 31 01	27	14.4	SURVEY N SECTORS 13,14
267 08 11 12	-78	-20.3	SURVEY N SECTORS 7,8	267 08 31 06	30	19.4	SURVEY N SECTORS 13,14
267 08 11 16	-84	-40.3	SURVEY N SECTORS 7,8	267 08 31 10	24	19.4	SURVEY N SECTORS 13,14
267 08 11 21	-90	-20.3	SURVEY N SECTORS 7,8	267 08 31 15	18	19.4	SURVEY N SECTORS 13,14
267 08 11 26	-96	-20.3	SURVEY N SECTORS 7,8	267 08 31 20	12	19.4	SURVEY N SECTORS 13,14
267 08 11 29	-102	-20.3	SURVEY N SECTORS 7,8	267 08 31 24	6	19.4	SURVEY N SECTORS 13,14
267 08 11 34	-105	-15.3	SURVEY N SECTORS 7,8	267 08 31 29	3	24.3	SURVEY N SECTORS 13,14
267 08 11 38	-99	-15.3	SURVEY N SECTORS 7,8	267 08 31 33	9	24.3	SURVEY N SECTORS 13,14
267 08 11 43	-93	-15.3	SURVEY N SECTORS 7,8	267 08 31 38	15	24.3	SURVEY N SECTORS 13,14
267 08 11 48	-87	-15.3	SURVEY N SECTORS 7,8	267 08 31 43	21	24.3	SURVEY N SECTORS 13,14
267 08 11 52	-81	-15.3	SURVEY N SECTORS 7,8	267 08 31 47	27	24.3	SURVEY N SECTORS 13,14
267 08 11 57	-75	-15.3	SURVEY N SECTORS 7,8	267 08 32 22	27	24.3	SURVEY N SECTORS 13,14
267 08 12 02	-72	-10.5	SURVEY N SECTORS 7,8	267 08 32 56	30	29.2	SURVEY N SECTORS 13,14
267 08 12 05	-78	-10.5	SURVEY N SECTORS 7,8	267 08 33 00	24	29.2	SURVEY N SECTORS 13,14
267 08 12 10	-84	-10.5	SURVEY N SECTORS 7,8	267 08 33 19	18	29.2	SURVEY N SECTORS 13,14
267 08 13 08	-75	-5.6	SURVEY N SECTORS 7,8	267 08 33 24	12	29.2	SURVEY N SECTORS 13,14
267 08 13 46	-75	-5.6	SURVEY N SECTORS 7,8	267 08 33 27	6	29.2	SURVEY N SECTORS 13,14
267 08 14 43	-69	-5.6	SURVEY N SECTORS 9,10	267 08 36 20	33	14.4	SURVEY N SECTORS 13,14
267 08 16 29	-63	-5.6	SURVEY N SECTORS 9,10	267 08 37 03	39	14.4	SURVEY N SECTOR 15
267 08 16 34	-57	-5.6	SURVEY N SECTORS 9,10	267 08 37 20	39	14.4	SURVEY N SECTOR 15
267 08 16 38	-51	-5.6	SURVEY N SECTORS 9,10	267 08 37 25	45	14.4	SURVEY N SECTOR 15
267 08 16 43	-45	-5.6	SURVEY N SECTORS 9,10	267 08 37 29	51	14.4	SURVEY N SECTOR 15
267 08 16 48	-39	-5.6	SURVEY N SECTORS 9,10	267 08 37 34	57	14.4	SURVEY N SECTOR 15
267 08 16 52	-33	-5.6	SURVEY N SECTORS 11,12	267 08 37 39	60	19.4	SURVEY N SECTOR 15
267 08 16 57	-30	-0.7	SURVEY N SECTORS 11,12	267 08 37 42	54	19.4	SURVEY N SECTOR 15
267 08 17 02	-36	-0.7	SURVEY N SECTORS 9,10	267 08 37 47	48	19.4	SURVEY N SECTOR 15
267 08 17 05	-42	-0.7	SURVEY N SECTORS 9,10	267 08 37 51	42	19.4	SURVEY N SECTOR 15
267 08 17 10	-48	-0.7	SURVEY N SECTORS 9,10	267 08 37 56	36	19.4	SURVEY N SECTORS 13,14
267 08 17 14	-54	-0.7	SURVEY N SECTORS 9,10	267 08 38 05	39	24.3	SURVEY N SECTOR 15
267 08 17 19	-60	-0.7	SURVEY N SECTORS 9,10	267 08 38 10	45	24.3	SURVEY N SECTOR 15
267 08 17 24	-66	-0.7	SURVEY N SECTORS 9,10	267 08 38 14	51	24.3	SURVEY N SECTOR 15
267 08 17 32	-69	4.3	SURVEY N SECTORS 9,10	267 08 38 19	57	24.3	SURVEY N SECTOR 15
267 08 17 36	-63	4.3	SURVEY N SECTORS 9,10	267 08 38 25	60	29.2	SURVEY N SECTOR 15
267 08 17 41	-57	4.3	SURVEY N SECTORS 9,10	267 08 39 03	54	29.2	SURVEY N SECTOR 15
267 08 17 45	-51	4.3	SURVEY N SECTORS 9,10	267 08 39 28	48	29.2	SURVEY N SECTOR 15
267 08 17 49	-45	4.3	SURVEY N SECTORS 9,10	267 08 39 53	42	29.2	SURVEY N SECTOR 15
267 08 17 54	-39	4.3	SURVEY N SECTORS 9,10	267 08 39 58	36	29.2	SURVEY N SECTORS 13,14
267 08 17 58	-33	4.3	SURVEY N SECTORS 11,12	267 08 40 21	36	29.2	SURVEY N SECTORS 13,14
267 08 18 03	-30	9.3	SURVEY N SECTORS 11,12	267 08 40 32	36	29.2	SURVEY N SECTORS 13,14
267 08 18 08	-36	9.3	SURVEY N SECTORS 9,10	267 09 02 23	-177	-35.3	SURVEY P SECTORS 3,4
267 08 18 12	-42	9.3	SURVEY N SECTORS 9,10	267 09 04 33	-159	-35.3	SURVEY P SECTORS 3,4
267 08 18 17	-48	9.3	SURVEY N SECTORS 9,10	267 09 05 06	-153	-35.3	SURVEY P SECTORS 3,4
267 08 18 22	-54	9.3	SURVEY N SECTORS 9,10	267 09 05 10	-147	-35.3	SURVEY P SECTORS 3,4
267 08 18 25	-60	9.3	SURVEY N SECTORS 9,10	267 09 05 15	-144	-30.3	SURVEY P SECTORS 3,4
267 08 18 30	-66	9.3	SURVEY N SECTORS 9,10	267 09 05 18	-150	-30.3	SURVEY P SECTORS 3,4
267 08 18 34	-69	14.4	SURVEY N SECTORS 9,10	267 09 05 23	-156	-30.3	SURVEY P SECTORS 3,4
267 08 18 39	-63	14.4	SURVEY N SECTORS 9,10	267 09 05 28	-162	-30.3	SURVEY P SECTORS 3,4
267 08 18 44	-57	14.4	SURVEY N SECTORS 9,10	267 09 05 32	-168	-30.3	SURVEY P SECTORS 3,4
267 08 18 48	-51	14.4	SURVEY N SECTORS 9,10	267 09 05 37	-174	-30.3	SURVEY P SECTORS 3,4
267 08 18 53	-45	14.4	SURVEY N SECTORS 9,10	267 09 05 42	-177	-25.3	SURVEY P SECTORS 3,4
267 08 18 58	-39	14.4	SURVEY N SECTORS 9,10	267 09 05 46	-171	-25.3	SURVEY P SECTORS 3,4
267 08 19 01	-33	14.4	SURVEY N SECTORS 11,12	267 09 05 51	-165	-25.3	SURVEY P SECTORS 3,4
267 08 19 06	-30	19.4	SURVEY N SECTORS 11,12	267 09 05 54	-162	-25.3	SURVEY P SECTORS 3,4
267 08 19 10	-36	19.4	SURVEY N SECTORS 9,10	267 09 05 59	-153	-25.3	SURVEY P SECTORS 3,4
267 08 19 59	-27	4.3	SURVEY N SECTORS 11,12	267 09 06 04	-147	-25.3	SURVEY P SECTORS 3,4
267 08 20 48	-21	4.3	SURVEY N SECTORS 11,12	267 09 06 54	-141	-35.3	SURVEY P SECTORS 5,6
267 08 20 52	-15	4.3	SURVEY N SECTORS 11,12	267 09 07 45	-135	-35.3	SURVEY P SECTORS 5,6
267 08 20 57	-9	4.3	SURVEY N SECTORS 11,12	267 09 07 49	-129	-35.3	SURVEY P SECTORS 5,6
267 08 21 02	-3	4.3	SURVEY N SECTORS 11,12	267 09 07 53	-123	-35.3	SURVEY P SECTORS 5,6
267 08 21 08	0	9.3	SURVEY N SECTORS 11,12	267 09 07 58	-117	-35.3	SURVEY P SECTORS 5,6
267 08 21 13	-6	9.3	SURVEY N SECTORS 11,12	267 09 08 03	-111	-35.3	SURVEY P SECTORS 5,6
267 08 21 18	-12	9.3	SURVEY N SECTORS 11,12	267 09 08 07	-108	-30.3	SURVEY P SECTORS 5,6
267 08 21 22	-18	9.3	SURVEY N SECTORS 11,12	267 09 08 12	-114	-30.3	SURVEY P SECTORS 5,6
267 08 21 27	-24	9.3	SURVEY N SECTORS 11,12	267 09 08 17	-120	-30.3	SURVEY P SECTORS 5,6

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
267 09 08 21	-126	-30.3	SURVEY P SECTORS 5,6	267 09 21 12	-12	19.4	SURVEY P SECTORS 11,12
267 09 08 26	-132	-30.3	SURVEY P SECTORS 5,6	267 09 21 16	-18	19.4	SURVEY P SECTORS 11,12
267 09 08 29	-138	-30.3	SURVEY P SECTORS 5,6	267 09 21 21	-24	19.4	SURVEY P SECTORS 11,12
267 09 08 37	-141	-25.3	SURVEY P SECTORS 5,6	267 09 21 26	-27	24.3	SURVEY P SECTORS 11,12
267 09 08 42	-135	-25.3	SURVEY P SECTORS 5,6	267 09 21 29	-21	24.3	SURVEY P SECTORS 11,12
267 09 08 47	-129	-25.3	SURVEY P SECTORS 5,6	267 09 21 34	-15	24.3	SURVEY P SECTORS 11,12
267 09 08 51	-123	-25.3	SURVEY P SECTORS 5,6	267 09 21 38	-9	24.3	SURVEY P SECTORS 11,12
267 09 08 56	-117	-25.3	SURVEY P SECTORS 5,6	267 09 21 43	-3	24.3	SURVEY P SECTORS 11,12
267 09 09 01	-111	-25.3	SURVEY P SECTORS 5,6	267 09 21 48	0	29.2	SURVEY P SECTORS 11,12
267 09 09 06	-108	-20.3	SURVEY P SECTORS 5,6	267 09 21 52	-6	29.2	SURVEY P SECTORS 11,12
267 09 09 51	-102	-30.3	SURVEY P SECTORS 7,8	267 09 22 54	3	24.3	SURVEY P SECTORS 13,14
267 09 10 39	-105	-25.3	SURVEY P SECTORS 7,8	267 09 23 29	9	24.3	SURVEY P SECTORS 13,14
267 09 10 43	-99	-25.3	SURVEY P SECTORS 7,8	267 09 23 33	15	24.3	SURVEY P SECTORS 13,14
267 09 10 48	-93	-25.3	SURVEY P SECTORS 7,8	267 09 23 38	21	24.3	SURVEY P SECTORS 13,14
267 09 10 53	-87	-25.3	SURVEY P SECTORS 7,8	267 09 23 42	27	24.3	SURVEY P SECTORS 13,14
267 09 10 57	-81	-25.3	SURVEY P SECTORS 7,8	267 09 23 47	30	29.2	SURVEY P SECTORS 13,14
267 09 11 02	-75	-25.3	SURVEY P SECTORS 7,8	267 09 23 52	24	29.2	SURVEY P SECTORS 13,14
267 09 11 07	-72	-20.3	SURVEY P SECTORS 7,8	267 09 23 55	18	29.2	SURVEY P SECTORS 13,14
267 09 11 11	-78	-20.3	SURVEY P SECTORS 7,8	267 09 24 00	12	29.2	SURVEY P SECTORS 13,14
267 09 11 16	-84	-20.3	SURVEY P SECTORS 7,8	267 09 24 04	6	29.2	SURVEY P SECTORS 13,14
267 09 11 21	-90	-20.3	SURVEY P SECTORS 7,8	267 09 24 50	36	29.2	SURVEY P SECTORS 13,14
267 09 11 25	-96	-20.3	SURVEY P SECTORS 7,8	267 09 25 15	36	29.2	SURVEY P SECTORS 13,14
267 09 11 30	-102	-20.3	SURVEY P SECTORS 7,8	267 09 25 51	42	29.2	SURVEY P SECTOR 15
267 09 11 33	-105	-15.3	SURVEY P SECTORS 7,8	267 09 26 19	48	29.2	SURVEY P SECTOR 15
267 09 11 38	-99	-15.3	SURVEY P SECTORS 7,8	267 09 26 47	54	29.2	SURVEY P SECTOR 15
267 09 11 42	-93	-15.3	SURVEY P SECTORS 7,8	267 09 27 34	60	29.2	SURVEY P SECTOR 15
267 09 11 47	-87	-15.3	SURVEY P SECTORS 7,8	267 09 31 24	-66	-5.6	O PHASE
267 09 11 52	-81	-15.3	SURVEY P SECTORS 7,8	267 09 33 21	-66	-5.6	O PHASE
267 09 11 56	-75	-15.3	SURVEY P SECTORS 7,8	267 09 33 32	-66	-5.6	O PHASE
267 09 12 01	-72	-10.5	SURVEY P SECTORS 7,8	267 09 57 27	-66	-5.6	O PHASE
267 09 12 06	-78	-10.5	SURVEY P SECTORS 7,8	267 09 59 27	-141	-35.3	SURVEY Q SECTORS 5,6
267 09 12 10	-84	-10.5	SURVEY P SECTORS 7,8	267 10 00 01	-135	-35.3	SURVEY Q SECTORS 5,6
267 09 12 40	-75	-5.6	SURVEY P SECTORS 7,8	267 10 00 05	-129	-35.3	SURVEY Q SECTORS 5,6
267 09 13 20	-75	-5.6	SURVEY P SECTORS 7,8	267 10 00 10	-123	-35.3	SURVEY Q SECTORS 5,6
267 09 13 59	-69	-5.6	SURVEY P SECTORS 9,10	267 10 00 15	-117	-35.3	SURVEY Q SECTORS 5,6
267 09 14 49	-63	-5.6	SURVEY P SECTORS 9,10	267 10 00 19	-111	-35.3	SURVEY Q SECTORS 5,6
267 09 14 53	-57	-5.6	SURVEY P SECTORS 9,10	267 10 00 24	-108	-30.3	SURVEY Q SECTORS 5,6
267 09 14 57	-51	-5.6	SURVEY P SECTORS 9,10	267 10 00 27	-114	-30.3	SURVEY Q SECTORS 5,6
267 09 15 01	-45	-5.6	SURVEY P SECTORS 9,10	267 10 00 32	-120	-30.3	SURVEY Q SECTORS 5,6
267 09 15 06	-39	-5.6	SURVEY P SECTORS 9,10	267 10 00 37	-126	-30.3	SURVEY Q SECTORS 5,6
267 09 15 11	-33	-5.6	SURVEY P SECTORS 11,12	267 10 00 41	-132	-30.3	SURVEY Q SECTORS 5,6
267 09 15 15	-30	-0.7	SURVEY P SECTORS 11,12	267 10 00 46	-138	-30.3	SURVEY Q SECTORS 5,6
267 09 15 20	-36	-0.7	SURVEY P SECTORS 9,10	267 10 00 54	-141	-25.3	SURVEY Q SECTORS 5,6
267 09 15 25	-42	-0.7	SURVEY P SECTORS 9,10	267 10 00 59	-135	-25.3	SURVEY Q SECTORS 5,6
267 09 15 29	-48	-0.7	SURVEY P SECTORS 9,10	267 10 01 03	-129	-25.3	SURVEY Q SECTORS 5,6
267 09 15 34	-54	-0.7	SURVEY P SECTORS 9,10	267 10 01 09	-123	-25.3	SURVEY Q SECTORS 5,6
267 09 15 37	-60	-0.7	SURVEY P SECTORS 9,10	267 10 01 14	-117	-25.3	SURVEY Q SECTORS 5,6
267 09 15 42	-66	-0.7	SURVEY P SECTORS 9,10	267 10 01 18	-111	-25.3	SURVEY Q SECTORS 5,6
267 09 15 51	-69	4.3	SURVEY P SECTORS 9,10	267 10 02 06	-102	-30.3	SURVEY Q SECTORS 7,8
267 09 15 56	-63	4.3	SURVEY P SECTORS 9,10	267 10 02 52	-105	-25.3	SURVEY Q SECTORS 7,8
267 09 16 00	-57	4.3	SURVEY P SECTORS 9,10	267 10 02 57	-99	-25.3	SURVEY Q SECTORS 7,8
267 09 16 05	-51	4.3	SURVEY P SECTORS 9,10	267 10 03 01	-93	-25.3	SURVEY Q SECTORS 7,8
267 09 16 10	-45	4.3	SURVEY P SECTORS 9,10	267 10 03 06	-87	-25.3	SURVEY Q SECTORS 7,8
267 09 16 14	-39	4.3	SURVEY P SECTORS 9,10	267 10 03 10	-81	-25.3	SURVEY Q SECTORS 7,8
267 09 16 19	-33	4.3	SURVEY P SECTORS 11,12	267 10 03 15	-75	-25.3	SURVEY Q SECTORS 7,8
267 09 16 24	-30	9.3	SURVEY P SECTORS 11,12	267 10 03 20	-72	-20.3	SURVEY Q SECTORS 7,8
267 09 16 28	-36	9.3	SURVEY P SECTORS 9,10	267 10 03 24	-78	-20.3	SURVEY Q SECTORS 7,8
267 09 16 32	-42	9.3	SURVEY P SECTORS 9,10	267 10 03 29	-84	-20.3	SURVEY Q SECTORS 7,8
267 09 16 36	-48	9.3	SURVEY P SECTORS 9,10	267 10 03 33	-90	-20.3	SURVEY Q SECTORS 7,8
267 09 16 41	-54	9.3	SURVEY P SECTORS 9,10	267 10 03 37	-96	-20.3	SURVEY Q SECTORS 7,8
267 09 16 46	-60	9.3	SURVEY P SECTORS 9,10	267 10 03 42	-102	-20.3	SURVEY Q SECTORS 7,8
267 09 16 50	-66	9.3	SURVEY P SECTORS 9,10	267 10 03 46	-105	-15.3	SURVEY Q SECTORS 7,8
267 09 16 55	-69	14.4	SURVEY P SECTORS 9,10	267 10 03 51	-99	-15.3	SURVEY Q SECTORS 7,8
267 09 16 59	-63	14.4	SURVEY P SECTORS 9,10	267 10 03 55	-93	-15.3	SURVEY Q SECTORS 7,8
267 09 17 04	-57	14.4	SURVEY P SECTORS 9,10	267 10 04 00	-87	-15.3	SURVEY Q SECTORS 7,8
267 09 17 09	-51	14.4	SURVEY P SECTORS 9,10	267 10 04 05	-81	-15.3	SURVEY Q SECTORS 7,8
267 09 17 38	-45	14.4	SURVEY P SECTORS 9,10	267 10 04 09	-75	-15.3	SURVEY Q SECTORS 7,8
267 09 17 42	-39	14.4	SURVEY P SECTORS 9,10	267 10 04 26	-75	-15.3	SURVEY Q SECTORS 7,8
267 09 17 47	-33	14.4	SURVEY P SECTORS 11,12	267 10 04 36	-72	-10.5	SURVEY Q SECTORS 7,8
267 09 17 52	-30	19.4	SURVEY P SECTORS 11,12	267 10 04 41	-78	-10.5	SURVEY Q SECTORS 7,8
267 09 17 56	-36	19.4	SURVEY P SECTORS 9,10	267 10 04 44	-84	-10.5	SURVEY Q SECTORS 7,8
267 09 18 37	-27	4.3	SURVEY P SECTORS 11,12	267 10 05 37	-75	-5.6	SURVEY Q SECTORS 7,8
267 09 19 13	-21	4.3	SURVEY P SECTORS 11,12	267 10 06 35	-75	-5.6	SURVEY Q SECTORS 7,8
267 09 19 17	-15	4.3	SURVEY P SECTORS 11,12	267 10 06 50	-75	-5.6	SURVEY Q SECTORS 7,8
267 09 19 22	-9	4.3	SURVEY P SECTORS 11,12	267 10 15 16	-69	-5.6	SURVEY Q SECTORS 9,10
267 09 19 26	-3	4.3	SURVEY P SECTORS 11,12	267 10 15 46	-69	-5.6	SURVEY Q SECTORS 9,10
267 09 19 35	0	9.3	SURVEY P SECTORS 11,12	267 10 18 09	-63	-5.6	SURVEY Q SECTORS 9,10
267 09 19 39	-6	9.3	SURVEY P SECTORS 11,12	267 10 18 13	-57	-5.6	SURVEY Q SECTORS 9,10
267 09 19 44	-12	9.3	SURVEY P SECTORS 11,12	267 10 18 17	-51	-5.6	SURVEY Q SECTORS 9,10
267 09 19 48	-18	9.3	SURVEY P SECTORS 11,12	267 10 18 22	-45	-5.6	SURVEY Q SECTORS 9,10
267 09 19 53	-24	9.3	SURVEY P SECTORS 11,12	267 10 18 27	-39	-5.6	SURVEY Q SECTORS 9,10
267 09 19 58	-27	14.4	SURVEY P SECTORS 11,12	267 10 18 31	-33	-5.6	SURVEY Q SECTORS 9,10
267 09 20 02	-21	14.4	SURVEY P SECTORS 11,12	267 10 18 36	-30	-0.7	SURVEY Q SECTORS 9,10
267 09 20 07	-15	14.4	SURVEY P SECTORS 11,12	267 10 18 41	-36	-0.7	SURVEY Q SECTORS 9,10
267 09 20 12	-9	14.4	SURVEY P SECTORS 11,12	267 10 18 45	-42	-0.7	SURVEY Q SECTORS 9,10
267 09 20 16	-3	14.4	SURVEY P SECTORS 11,12	267 10 18 50	-48	-0.7	SURVEY Q SECTORS 9,10
267 09 20 21	0	19.4	SURVEY P SECTORS 11,12	267 10 18 53	-54	-0.7	SURVEY Q SECTORS 9,10
267 09 20 41	0	19.4	SURVEY P SECTORS 11,12	267 10 18 58	-60	-0.7	SURVEY Q SECTORS 9,10
267 09 21 07	-6	19.4	SURVEY P SECTORS 11,12	267 10 19 03	-66	-0.7	SURVEY Q SECTORS 9,10

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
267 10 19 12	-69	4.3	SURVEY Q SECTORS 9,10	267 13 43 47	117	4.3	SOLAR CORONA
267 10 19 16	-63	4.3	SURVEY Q SECTORS 9,10	267 13 43 54	117	4.3	SOLAR CORONA
267 10 19 21	-57	4.3	SURVEY Q SECTORS 9,10	267 13 44 15	117	4.3	SOLAR CORONA
267 10 19 26	-51	4.3	SURVEY Q SECTORS 9,10	267 13 49 20	117	4.3	SOLAR CORONA
267 10 19 30	-45	4.3	SURVEY Q SECTORS 9,10	267 13 49 26	117	4.3	SOLAR CORONA
267 10 19 49	-45	4.3	SURVEY Q SECTORS 9,10	267 13 55 25	117	4.3	SOLAR CORONA
267 10 20 19	-45	4.3	SURVEY Q SECTORS 9,10	267 13 55 31	117	4.3	SOLAR CORONA
267 10 20 25	-39	4.3	SURVEY Q SECTORS 9,10	267 13 56 57	117	4.3	SOLAR CORONA
267 10 31 04	-66	-5.6	O PHASE & MISC.	267 13 57 03	117	4.3	SOLAR CORONA
267 10 32 33	-66	-5.6	O PHASE & MISC.	267 14 04 05	117	4.3	SOLAR CORONA
267 10 32 40	-66	-5.6	O PHASE & MISC.	267 14 04 11	117	4.3	SOLAR CORONA
267 10 34 39	-66	-5.6	O PHASE & MISC.	267 14 05 16	117	9.3	SOLAR CORONA
267 10 34 45	-66	-5.6	O PHASE & MISC.	267 14 05 22	117	9.3	SOLAR CORONA
267 10 36 49	-66	-5.6	O PHASE & MISC.	267 14 10 07	117	9.3	SOLAR CORONA
267 10 36 55	-66	-5.6	O PHASE & MISC.	267 14 10 12	117	9.3	SOLAR CORONA
267 10 38 31	-66	-5.6	O PHASE & MISC.	267 14 16 54	117	9.3	SOLAR CORONA
267 10 38 35	-66	-5.6	O PHASE & MISC.	267 14 17 00	117	9.3	SOLAR CORONA
267 10 41 47	-66	-5.6	O PHASE & MISC.	267 14 22 44	117	9.3	SOLAR CORONA
267 10 41 53	-66	-5.6	O PHASE & MISC.	267 14 22 49	117	9.3	SOLAR CORONA
267 10 43 14	-66	-5.6	O PHASE & MISC.	267 14 28 26	117	9.3	SOLAR CORONA
267 10 43 20	-66	-5.6	O PHASE & MISC.	267 14 28 32	117	9.3	SOLAR CORONA
267 10 44 11	-66	-5.6	O PHASE & MISC.	267 14 29 42	18	9.3	EARTH SHINE
267 10 44 15	-66	-5.6	O PHASE & MISC.	267 14 29 52	18	9.3	EARTH SHINE
267 10 45 44	-66	-5.6	O PHASE & MISC.	267 14 31 51	51	9.3	EARTH SHINE
267 10 45 50	-66	-5.6	O PHASE & MISC.	267 14 32 03	51	9.3	EARTH SHINE
267 10 47 27	-66	-5.6	O PHASE & MISC.	267 14 32 22	51	-5.6	EARTH SHINE
267 10 47 33	-66	-5.6	O PHASE & MISC.	267 14 32 33	51	-5.6	EARTH SHINE
267 10 48 57	-66	-5.6	O PHASE & MISC.	267 14 38 19	51	-5.6	EARTH SHINE
267 10 49 03	-66	-5.6	O PHASE & MISC.	267 14 38 24	51	-5.6	EARTH SHINE
267 10 50 25	-66	-5.6	O PHASE & MISC.	267 14 49 43	51	-5.6	EARTH SHINE
267 10 50 31	-66	-5.6	O PHASE & MISC.	267 14 49 49	51	-5.6	EARTH SHINE
267 10 52 29	-66	-5.6	O PHASE & MISC.	267 14 50 40	75	-55.2	EARTH SHINE
267 10 52 35	-66	-5.6	O PHASE & MISC.	267 14 50 50	75	-55.2	EARTH SHINE
267 10 53 40	-66	-5.6	O PHASE & MISC.	267 15 01 13	75	-55.2	EARTH SHINE
267 10 53 45	-66	-5.6	O PHASE & MISC.	267 15 01 20	-15	-55.2	EARTH SHINE
267 10 56 13	-66	-5.6	O PHASE & MISC.	267 15 02 13	-21	-50.2	EARTH SHINE
267 10 56 52	-66	-5.6	SOLAR CORONA	267 15 02 18	-15	-55.2	EARTH SHINE
267 10 56 58	-66	-5.6	SOLAR CORONA	267 15 02 58	-15	-55.2	EARTH SHINE
267 10 58 09	102	4.3	SOLAR CORONA	267 15 03 03	-15	-55.2	EARTH SHINE
267 11 01 10	114	4.3	SOLAR CORONA	267 15 03 52	-15	-55.2	EARTH SHINE
267 11 02 07	114	4.3	SOLAR CORONA	267 15 03 58	-15	-55.2	EARTH SHINE
267 11 02 13	114	4.3	SOLAR CORONA	267 15 04 38	-15	-55.2	EARTH SHINE
267 11 03 08	114	4.3	SOLAR CORONA	267 15 04 43	-15	-55.2	EARTH SHINE
267 11 03 14	114	4.3	SOLAR CORONA	267 15 05 09	-15	-55.2	EARTH SHINE
267 11 03 20	114	4.3	SOLAR CORONA	267 15 05 15	-15	-55.2	EARTH SHINE
267 11 03 26	114	4.3	SOLAR CORONA	267 15 05 44	-15	-55.2	EARTH SHINE
267 11 05 39	114	4.3	SOLAR CORONA	267 15 05 50	-15	-55.2	EARTH SHINE
267 11 07 20	114	4.3	SOLAR CORONA	289 03 31 33	-15	-55.2	SECOND LUNAR DAY
267 11 08 32	114	4.3	SOLAR CORONA	289 03 32 32	-15	-55.2	SECOND LUNAR DAY
267 11 10 55	114	4.3	SOLAR CORONA	289 03 33 11	-15	-55.2	SECOND LUNAR DAY
267 11 12 42	114	4.3	SOLAR CORONA	289 03 33 56	-15	-55.2	SECOND LUNAR DAY
267 11 18 19	114	4.3	SOLAR CORONA	289 03 37 09	-21	-55.2	SECOND LUNAR DAY
267 11 23 35	114	4.3	SOLAR CORONA	289 03 37 20	-15	-55.2	SECOND LUNAR DAY
267 11 35 21	114	4.3	SOLAR CORONA	289 03 39 34	-15	-55.2	SECOND LUNAR DAY
267 11 45 55	114	4.3	SOLAR CORONA	289 03 39 45	-15	-55.2	SECOND LUNAR DAY
267 11 54 25	114	4.3	SOLAR CORONA	289 03 40 27	-15	-60.1	SECOND LUNAR DAY
267 11 55 23	114	4.3	SOLAR CORONA	289 03 40 56	-15	-55.2	SECOND LUNAR DAY
267 12 02 49	114	4.3	SOLAR CORONA	289 03 41 27	-18	-55.2	SECOND LUNAR DAY
267 12 09 10	114	4.3	SOLAR CORONA	289 03 41 56	-15	-55.2	SECOND LUNAR DAY
267 12 14 49	114	4.3	SOLAR CORONA	289 03 42 53	-15	-55.2	SECOND LUNAR DAY
267 12 20 25	114	4.3	SOLAR CORONA	289 03 43 30	-15	-0.7	SECOND LUNAR DAY
267 12 22 44	114	4.3	SOLAR CORONA	289 03 44 03	-15	-55.2	SECOND LUNAR DAY
267 12 30 15	114	4.3	SOLAR CORONA	289 03 45 15	-15	-55.2	SECOND LUNAR DAY
267 12 31 21	114	4.3	SOLAR CORONA	289 03 45 51	-15	-55.2	SECOND LUNAR DAY
267 12 32 00	114	4.3	SOLAR CORONA	289 03 47 23	-15	-55.2	SECOND LUNAR DAY
267 12 37 33	114	4.3	SOLAR CORONA	289 03 47 43	-15	-55.2	SECOND LUNAR DAY
267 12 43 00	114	4.3	SOLAR CORONA	289 04 22 18	-15	-55.2	SECOND LUNAR DAY
267 12 48 36	114	4.3	SOLAR CORONA	289 04 23 27	-15	-55.2	SECOND LUNAR DAY
267 12 49 14	114	4.3	SOLAR CORONA	289 04 25 21	-75	-55.2	SECOND LUNAR DAY
267 12 54 55	114	4.3	SOLAR CORONA	289 04 26 44	-75	-55.2	SECOND LUNAR DAY
267 13 00 35	114	4.3	SOLAR CORONA	289 04 27 47	-15	-55.2	SECOND LUNAR DAY
267 13 06 26	114	4.3	SOLAR CORONA	289 04 31 53	-15	-55.2	SECOND LUNAR DAY
267 13 06 45	114	4.3	SOLAR CORONA	289 04 34 09	-15	-55.2	SECOND LUNAR DAY
267 13 12 48	114	4.3	SOLAR CORONA	289 05 03 19	-90	-0.7	SECOND LUNAR DAY
267 13 13 03	114	4.3	SOLAR CORONA	289 05 12 32	87	29.2	SECOND LUNAR DAY
267 13 14 01	114	4.3	SOLAR CORONA	289 05 16 03	-48	-40.3	SECOND LUNAR DAY
267 13 14 06	114	4.3	SOLAR CORONA	289 05 17 49	66	-70.1	SECOND LUNAR DAY
267 13 14 40	114	4.3	SOLAR CORONA	289 05 21 55	-27	9.3	SECOND LUNAR DAY
267 13 14 59	114	4.3	SOLAR CORONA	289 05 26 24	84	-20.3	SECOND LUNAR DAY
267 13 20 03	114	4.3	SOLAR CORONA	289 05 56 47	90	-35.3	SECOND LUNAR DAY
267 13 20 14	114	4.3	SOLAR CORONA	289 05 58 09	90	-35.3	SECOND LUNAR DAY
267 13 23 13	117	4.3	SOLAR CORONA	289 05 58 20	90	-35.3	SECOND LUNAR DAY
267 13 23 19	117	4.3	SOLAR CORONA	289 05 58 31	90	-35.3	SECOND LUNAR DAY
267 13 29 37	117	4.3	SOLAR CORONA	289 05 58 42	90	-35.3	SECOND LUNAR DAY
267 13 29 44	117	4.3	SOLAR CORONA	289 05 59 47	90	-35.3	SECOND LUNAR DAY
267 13 36 26	117	4.3	SOLAR CORONA	289 05 59 58	90	-35.3	SECOND LUNAR DAY
267 13 36 47	117	4.3	SOLAR CORONA	289 06 00 09	90	-35.3	SECOND LUNAR DAY
267 13 42 14	117	4.3	SOLAR CORONA	289 06 00 19	90	-35.3	SECOND LUNAR DAY
267 13 42 21	117	4.3	SOLAR CORONA	289 06 01 05	90	-35.3	SECOND LUNAR DAY

32

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
289 06 01 28	90	-35.3	SECOND LUNAR DAY	290 04 43 23	126	-15.3	SECOND LUNAR DAY
289 06 01 50	90	-35.3	SECOND LUNAR DAY	290 04 46 17	96	-20.3	SECOND LUNAR DAY
289 06 04 43	90	-35.3	SECOND LUNAR DAY	290 04 47 52	126	-20.3	SECOND LUNAR DAY
289 06 05 26	90	-35.3	SECOND LUNAR DAY	290 04 49 04	111	-20.3	SECOND LUNAR DAY
289 06 06 44	90	-35.3	SECOND LUNAR DAY	290 04 50 03	126	-20.3	SECOND LUNAR DAY
289 06 08 05	-60	-60.1	SECOND LUNAR DAY	290 04 55 12	126	-20.3	SECOND LUNAR DAY
289 06 10 02	-60	-60.1	SECOND LUNAR DAY	290 05 18 45	-201	29.2	SECOND LUNAR DAY
289 06 12 40	-60	-60.1	SECOND LUNAR DAY	290 05 18 55	123	-20.3	SECOND LUNAR DAY
289 06 13 45	-60	-60.1	SECOND LUNAR DAY	290 05 20 30	-201	29.2	SECOND LUNAR DAY
289 06 14 06	-60	-60.1	SECOND LUNAR DAY	290 05 22 38	-18	-20.3	SECOND LUNAR DAY
289 06 14 27	-60	-60.1	SECOND LUNAR DAY	290 05 28 46	126	29.2	SECOND LUNAR DAY
289 06 15 54	-60	-60.1	SECOND LUNAR DAY	290 05 31 33	-60	-70.1	SECOND LUNAR DAY
289 06 16 15	-60	-60.1	SECOND LUNAR DAY	290 05 32 36	120	-60.1	SECOND LUNAR DAY
289 06 16 36	-60	-60.1	SECOND LUNAR DAY	290 05 34 23	-162	-25.3	SECOND LUNAR DAY
289 06 17 57	-60	-60.1	SECOND LUNAR DAY	290 05 36 53	-162	-5.6	SECOND LUNAR DAY
289 06 23 00	51	-5.6	SECOND LUNAR DAY	290 05 38 40	-123	-25.3	SECOND LUNAR DAY
289 06 25 54	-51	-5.6	SECOND LUNAR DAY	290 05 40 28	-168	-70.1	SECOND LUNAR DAY
289 06 26 05	51	-5.6	SECOND LUNAR DAY	290 05 42 15	-9	-30.3	SECOND LUNAR DAY
289 06 26 16	51	-5.6	SECOND LUNAR DAY	290 05 44 02	-108	24.3	SECOND LUNAR DAY
289 06 29 13	-174	-45.3	SECOND LUNAR DAY	290 05 48 00	-126	29.2	SECOND LUNAR DAY
289 06 29 24	-174	-45.3	SECOND LUNAR DAY	290 05 49 24	-90	29.2	SECOND LUNAR DAY
289 06 29 35	-174	-45.3	SECOND LUNAR DAY	290 05 50 50	48	-65.1	SECOND LUNAR DAY
289 06 32 51	-165	-45.3	SECOND LUNAR DAY	290 05 52 38	-126	29.2	SECOND LUNAR DAY
289 06 32 57	-174	-40.3	SECOND LUNAR DAY	290 06 16 10	51	-10.5	SECOND LUNAR DAY
289 06 33 02	-168	-40.3	SECOND LUNAR DAY	290 06 17 16	0	-10.5	SECOND LUNAR DAY
289 06 33 06	-159	-40.3	SECOND LUNAR DAY	290 06 17 22	51	-10.5	SECOND LUNAR DAY
289 06 33 10	-156	-40.3	SECOND LUNAR DAY	290 06 17 28	51	-10.5	SECOND LUNAR DAY
289 06 33 15	-150	-40.3	SECOND LUNAR DAY	290 06 17 34	51	-10.5	SECOND LUNAR DAY
289 06 33 20	-153	-35.3	SECOND LUNAR DAY	290 06 17 40	51	-10.5	SECOND LUNAR DAY
289 06 33 24	-159	-40.3	SECOND LUNAR DAY	290 06 18 44	51	-10.5	SECOND LUNAR DAY
289 06 33 29	-162	-35.3	SECOND LUNAR DAY	290 06 18 50	51	-10.5	SECOND LUNAR DAY
289 06 33 33	-168	-35.3	SECOND LUNAR DAY	290 06 18 55	51	-10.5	SECOND LUNAR DAY
289 06 33 38	-177	-35.3	SECOND LUNAR DAY	290 06 19 01	51	-10.5	SECOND LUNAR DAY
289 06 33 44	-180	-30.3	SECOND LUNAR DAY	290 06 19 07	51	-10.5	SECOND LUNAR DAY
289 06 33 48	-174	-30.3	SECOND LUNAR DAY	290 06 21 44	123	-25.3	SECOND LUNAR DAY
289 06 33 53	-165	-30.3	SECOND LUNAR DAY	290 06 23 15	126	-25.3	SECOND LUNAR DAY
289 06 38 19	-60	-60.1	SECOND LUNAR DAY	290 06 23 49	129	-25.3	SECOND LUNAR DAY
290 02 54 13	-60	-65.1	SECOND LUNAR DAY	290 06 24 35	129	-20.3	SECOND LUNAR DAY
290 02 55 02	-60	-60.1	SECOND LUNAR DAY	290 06 24 54	126	-20.3	SECOND LUNAR DAY
290 02 59 15	-60	-65.1	SECOND LUNAR DAY	290 06 25 46	126	-15.3	SECOND LUNAR DAY
290 02 59 55	-60	-65.1	SECOND LUNAR DAY	290 06 26 51	126	-30.3	SECOND LUNAR DAY
290 03 00 22	-60	-65.1	SECOND LUNAR DAY	290 06 28 47	126	-30.3	SECOND LUNAR DAY
290 03 00 49	-60	-65.1	SECOND LUNAR DAY	290 06 29 41	129	-25.3	SECOND LUNAR DAY
290 03 01 13	-60	-65.1	SECOND LUNAR DAY	290 06 29 46	129	-25.3	SECOND LUNAR DAY
290 03 01 42	-60	-65.1	SECOND LUNAR DAY	290 06 29 51	126	-25.3	SECOND LUNAR DAY
290 03 13 57	-171	-45.3	SECOND LUNAR DAY	290 06 29 56	126	-20.3	SECOND LUNAR DAY
290 03 14 43	-171	-45.3	SECOND LUNAR DAY	290 06 30 01	129	-20.3	SECOND LUNAR DAY
290 03 15 06	-171	-45.3	SECOND LUNAR DAY	290 06 31 36	51	-10.5	SECOND LUNAR DAY
290 03 23 05	-138	-45.3	SECOND LUNAR DAY	290 06 33 53	-216	-20.3	SECOND LUNAR DAY
290 03 23 16	-171	-50.2	SECOND LUNAR DAY	290 06 34 26	-216	-20.3	SECOND LUNAR DAY
290 03 23 27	-171	-45.3	SECOND LUNAR DAY	290 06 35 42	-219	-20.3	SECOND LUNAR DAY
290 03 23 38	-171	-45.3	SECOND LUNAR DAY	290 06 35 48	-219	-25.3	SECOND LUNAR DAY
290 03 23 48	-171	-45.3	SECOND LUNAR DAY	290 06 35 52	-216	-25.3	SECOND LUNAR DAY
290 03 26 19	-162	-45.3	SECOND LUNAR DAY	290 06 35 58	-216	-30.3	SECOND LUNAR DAY
290 03 28 04	-159	-45.3	SECOND LUNAR DAY	290 06 36 02	-219	-30.3	SECOND LUNAR DAY
290 03 28 29	-159	-45.3	SECOND LUNAR DAY	290 06 40 23	-174	-50.2	SECOND LUNAR DAY
290 03 29 39	-165	-30.3	SECOND LUNAR DAY	290 06 41 27	-171	-50.2	SECOND LUNAR DAY
290 03 31 19	-165	-30.3	SECOND LUNAR DAY	290 06 41 33	-171	-50.2	SECOND LUNAR DAY
290 03 31 39	-165	-30.3	SECOND LUNAR DAY	290 06 41 39	-171	-50.2	SECOND LUNAR DAY
290 03 37 28	-216	-20.3	SECOND LUNAR DAY	290 06 41 45	-171	-50.2	SECOND LUNAR DAY
290 03 38 33	-216	-20.3	SECOND LUNAR DAY	290 06 41 51	-171	-50.2	SECOND LUNAR DAY
290 03 38 54	-216	-20.3	SECOND LUNAR DAY	290 06 42 20	-171	-50.2	SECOND LUNAR DAY
290 03 42 44	36	-55.2	SECOND LUNAR DAY	290 06 42 26	-171	-50.2	SECOND LUNAR DAY
290 03 43 33	36	-55.2	SECOND LUNAR DAY	290 06 42 32	-171	-50.2	SECOND LUNAR DAY
290 03 43 58	36	-55.2	SECOND LUNAR DAY	290 06 42 38	-171	-50.2	SECOND LUNAR DAY
290 03 44 28	36	-55.2	SECOND LUNAR DAY	290 06 42 44	-171	-50.2	SECOND LUNAR DAY
290 03 45 03	36	-55.2	SECOND LUNAR DAY	290 06 43 22	-171	-50.2	SECOND LUNAR DAY
290 03 45 22	36	-55.2	SECOND LUNAR DAY	290 06 43 55	-165	-50.2	SECOND LUNAR DAY
290 03 48 34	114	-15.3	SECOND LUNAR DAY	290 06 44 01	-171	-45.3	SECOND LUNAR DAY
290 03 49 10	114	-10.5	SECOND LUNAR DAY	290 06 44 06	-165	-45.3	SECOND LUNAR DAY
290 03 49 32	114	-15.3	SECOND LUNAR DAY	290 06 44 11	-159	-45.3	SECOND LUNAR DAY
290 03 50 08	114	-10.5	SECOND LUNAR DAY	290 06 44 15	-153	-45.3	SECOND LUNAR DAY
290 03 50 44	120	-15.3	SECOND LUNAR DAY	290 06 44 19	-150	-45.3	SECOND LUNAR DAY
290 03 51 46	117	-15.3	SECOND LUNAR DAY	290 06 44 24	-153	-35.3	SECOND LUNAR DAY
290 03 52 33	120	-20.3	SECOND LUNAR DAY	290 06 44 29	-156	-35.3	SECOND LUNAR DAY
290 03 53 20	120	-25.3	SECOND LUNAR DAY	290 06 44 33	-162	-35.3	SECOND LUNAR DAY
290 04 20 09	144	29.2	SECOND LUNAR DAY	290 06 44 38	-168	-35.3	SECOND LUNAR DAY
290 04 20 13	144	29.2	SECOND LUNAR DAY	290 06 44 42	-174	-35.3	SECOND LUNAR DAY
290 04 21 05	144	29.2	SECOND LUNAR DAY	290 06 44 48	-177	-35.3	SECOND LUNAR DAY
290 04 21 07	141	29.2	SECOND LUNAR DAY	290 06 44 53	-171	-35.3	SECOND LUNAR DAY
290 04 21 10	144	29.2	SECOND LUNAR DAY	290 06 44 58	-165	-35.3	SECOND LUNAR DAY
290 04 35 02	120	-20.3	SECOND LUNAR DAY	290 06 49 01	-60	-65.1	SECOND LUNAR DAY
290 04 35 07	120	-20.3	SECOND LUNAR DAY	290 06 50 02	-60	-65.1	SECOND LUNAR DAY
290 04 37 34	120	29.2	SECOND LUNAR DAY	290 06 50 19	-60	-65.1	SECOND LUNAR DAY
290 04 38 07	126	-20.3	SECOND LUNAR DAY	290 06 51 22	-60	-65.1	SECOND LUNAR DAY
290 04 40 23	126	-20.3	SECOND LUNAR DAY	290 06 52 39	-60	-70.1	SECOND LUNAR DAY
290 04 41 17	126	-15.3	SECOND LUNAR DAY	290 06 54 28	-66	-70.1	SECOND LUNAR DAY
290 04 42 08	123	-20.3	SECOND LUNAR DAY	290 06 54 38	-72	-70.1	SECOND LUNAR DAY
290 04 42 53	126	-20.3	SECOND LUNAR DAY	290 06 54 45	-78	-70.1	SECOND LUNAR DAY

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
290 06 54 54	-84	-70.1	SECOND LUNAR DAY	294 06 47 25	129	-10.5	SECOND LUNAR DAY
290 06 55 01	-90	-70.1	SECOND LUNAR DAY	294 06 47 36	129	-10.5	SECOND LUNAR DAY
290 06 55 07	-96	-70.1	SECOND LUNAR DAY	294 06 47 47	129	-10.5	SECOND LUNAR DAY
290 06 55 15	-102	-70.1	SECOND LUNAR DAY	294 06 49 48	129	-10.5	SECOND LUNAR DAY
290 06 55 24	-108	-70.1	SECOND LUNAR DAY	294 06 49 54	141	-10.5	SECOND LUNAR DAY
290 06 55 35	-114	-70.1	SECOND LUNAR DAY	294 06 50 00	129	-10.5	SECOND LUNAR DAY
290 06 56 02	-120	-70.1	SECOND LUNAR DAY	294 06 51 08	129	-10.5	SECOND LUNAR DAY
290 06 56 12	-126	-70.1	SECOND LUNAR DAY	294 06 51 14	120	-10.5	SECOND LUNAR DAY
290 07 00 20	-126	-70.1	SECOND LUNAR DAY	294 06 51 20	129	-10.5	SECOND LUNAR DAY
290 07 01 06	-120	-70.1	SECOND LUNAR DAY	294 06 53 20	129	-10.5	SECOND LUNAR DAY
290 07 01 48	-114	-70.1	SECOND LUNAR DAY	294 06 53 26	129	-10.5	SECOND LUNAR DAY
290 07 02 21	-102	-70.1	SECOND LUNAR DAY	294 06 53 32	129	-10.5	SECOND LUNAR DAY
290 07 02 29	-90	-70.1	SECOND LUNAR DAY	294 06 54 20	129	-20.3	SECOND LUNAR DAY
290 07 02 37	-78	-70.1	SECOND LUNAR DAY	294 06 54 26	129	-15.3	SECOND LUNAR DAY
290 07 02 46	-66	-70.1	SECOND LUNAR DAY	294 06 54 32	129	-15.3	SECOND LUNAR DAY
290 07 02 56	-54	-70.1	SECOND LUNAR DAY	294 06 58 10	42	-55.2	SECOND LUNAR DAY
290 07 04 57	48	-10.5	SECOND LUNAR DAY	294 06 58 16	42	-55.2	SECOND LUNAR DAY
290 07 05 03	48	-10.5	SECOND LUNAR DAY	294 06 58 22	42	-50.2	SECOND LUNAR DAY
290 07 05 39	51	-10.5	SECOND LUNAR DAY	294 07 00 03	45	-45.3	SECOND LUNAR DAY
294 05 57 57	51	-5.6	SECOND LUNAR DAY	294 07 00 09	45	-45.3	SECOND LUNAR DAY
294 05 58 08	51	-5.6	SECOND LUNAR DAY	294 07 00 15	45	-45.3	SECOND LUNAR DAY
294 06 06 39	144	29.2	SECOND LUNAR DAY	294 07 00 40	39	-45.3	SECOND LUNAR DAY
294 06 06 42	144	29.2	SECOND LUNAR DAY	294 07 00 46	39	-45.3	SECOND LUNAR DAY
294 06 08 49	51	-5.6	SECOND LUNAR DAY	294 07 00 52	39	-45.3	SECOND LUNAR DAY
294 06 09 00	51	-5.6	SECOND LUNAR DAY	294 07 02 24	39	-45.3	SECOND LUNAR DAY
294 06 09 11	51	-5.6	SECOND LUNAR DAY	294 07 03 24	36	-45.3	SECOND LUNAR DAY
294 06 09 22	51	-5.6	SECOND LUNAR DAY	294 07 03 53	36	-55.2	SECOND LUNAR DAY
294 06 09 34	51	-5.6	SECOND LUNAR DAY	294 07 05 12	36	-55.2	SECOND LUNAR DAY
294 06 12 26	87	-35.3	SECOND LUNAR DAY	294 07 07 34	-216	-10.5	SECOND LUNAR DAY
294 06 12 36	87	-35.3	SECOND LUNAR DAY	294 07 07 40	-216	-10.5	SECOND LUNAR DAY
294 06 15 27	87	-45.3	SECOND LUNAR DAY	294 07 08 45	-216	-10.5	SECOND LUNAR DAY
294 06 15 38	87	-50.2	SECOND LUNAR DAY	294 07 10 34	-216	-10.5	SECOND LUNAR DAY
294 06 15 49	87	-50.2	SECOND LUNAR DAY	294 07 14 21	-219	-10.5	SECOND LUNAR DAY
294 06 17 04	87	-50.2	SECOND LUNAR DAY	294 07 15 10	-219	-10.5	SECOND LUNAR DAY
294 06 17 15	87	-45.3	SECOND LUNAR DAY	294 07 16 11	-219	-15.3	SECOND LUNAR DAY
294 06 17 26	87	-50.2	SECOND LUNAR DAY	294 07 17 05	-222	-15.3	SECOND LUNAR DAY
294 06 18 21	87	-45.3	SECOND LUNAR DAY	294 07 17 55	-222	-20.3	SECOND LUNAR DAY
294 06 18 33	87	-45.3	SECOND LUNAR DAY	294 07 18 57	-222	-20.3	SECOND LUNAR DAY
294 06 18 44	87	-45.3	SECOND LUNAR DAY	294 07 25 32	-39	9.3	SECOND LUNAR DAY
294 06 22 01	-204	-35.3	SECOND LUNAR DAY	294 07 26 37	-39	4.3	SECOND LUNAR DAY
294 06 22 12	-204	-35.3	SECOND LUNAR DAY	294 07 29 14	-39	-40.3	SECOND LUNAR DAY
294 06 22 23	-204	-35.3	SECOND LUNAR DAY	294 07 33 05	-42	-40.3	SECOND LUNAR DAY
294 06 24 04	-201	-35.3	SECOND LUNAR DAY	294 07 35 25	-42	29.2	SECOND LUNAR DAY
294 06 24 16	-201	-35.3	SECOND LUNAR DAY	295 05 43 36	78	-10.5	SECOND LUNAR DAY
294 06 25 23	-198	-35.3	SECOND LUNAR DAY	295 05 44 50	78	-10.5	SECOND LUNAR DAY
294 06 25 34	-198	-35.3	SECOND LUNAR DAY	295 05 44 56	78	-10.5	SECOND LUNAR DAY
294 06 25 46	-198	-35.3	SECOND LUNAR DAY	295 05 45 02	78	-10.5	SECOND LUNAR DAY
294 06 27 58	-210	-40.3	SECOND LUNAR DAY	295 05 47 01	78	-10.5	SECOND LUNAR DAY
294 06 28 09	-210	-40.3	SECOND LUNAR DAY	295 05 47 07	78	-10.5	SECOND LUNAR DAY
294 06 28 20	-210	-40.3	SECOND LUNAR DAY	295 05 47 12	78	-10.5	SECOND LUNAR DAY
294 06 30 01	-210	-40.3	SECOND LUNAR DAY	295 05 48 11	78	-10.5	SECOND LUNAR DAY
294 06 31 12	-213	-40.3	SECOND LUNAR DAY	295 05 50 45	105	-5.6	SECOND LUNAR DAY
294 06 31 16	-216	-40.3	SECOND LUNAR DAY	295 05 52 00	51	-5.6	SECOND LUNAR DAY
294 06 31 21	-216	-50.2	SECOND LUNAR DAY	295 05 52 08	51	-5.6	SECOND LUNAR DAY
294 06 31 25	-213	-50.2	SECOND LUNAR DAY	295 05 56 13	51	-5.6	SECOND LUNAR DAY
294 06 31 29	-210	-45.3	SECOND LUNAR DAY	295 06 00 33	51	-5.6	SECOND LUNAR DAY
294 06 31 34	-207	-50.2	SECOND LUNAR DAY	295 06 00 40	51	-5.6	SECOND LUNAR DAY
294 06 31 39	-204	-50.2	SECOND LUNAR DAY	295 06 01 55	51	-5.6	SECOND LUNAR DAY
294 06 31 44	-201	-50.2	SECOND LUNAR DAY	295 06 02 02	51	-5.6	SECOND LUNAR DAY
294 06 31 47	-201	-55.2	SECOND LUNAR DAY	295 06 03 43	3	29.2	SECOND LUNAR DAY
294 06 31 52	-204	-55.2	SECOND LUNAR DAY	295 06 05 07	9	29.2	SECOND LUNAR DAY
294 06 31 57	-207	-55.2	SECOND LUNAR DAY	295 06 05 10	15	29.2	SECOND LUNAR DAY
294 06 32 02	-210	-55.2	SECOND LUNAR DAY	295 06 05 15	21	29.2	SECOND LUNAR DAY
294 06 32 05	-213	-55.2	SECOND LUNAR DAY	295 06 05 20	27	29.2	SECOND LUNAR DAY
294 06 32 10	-216	-55.2	SECOND LUNAR DAY	295 06 05 25	30	29.2	SECOND LUNAR DAY
294 06 33 06	-174	-45.3	SECOND LUNAR DAY	295 06 05 28	24	29.2	SECOND LUNAR DAY
294 06 33 42	-168	-45.3	SECOND LUNAR DAY	295 06 05 33	18	29.2	SECOND LUNAR DAY
294 06 33 48	-171	-40.3	SECOND LUNAR DAY	295 06 05 38	12	29.2	SECOND LUNAR DAY
294 06 33 52	-168	-40.3	SECOND LUNAR DAY	295 06 05 43	6	29.2	SECOND LUNAR DAY
294 06 33 57	-162	-40.3	SECOND LUNAR DAY	295 06 05 46	3	29.2	SECOND LUNAR DAY
294 06 34 01	-156	-40.3	SECOND LUNAR DAY	295 06 07 03	9	29.2	SECOND LUNAR DAY
294 06 34 05	-156	-40.3	SECOND LUNAR DAY	295 06 10 24	3	-65.1	SECOND LUNAR DAY
294 06 34 11	-153	-35.3	SECOND LUNAR DAY	295 06 12 01	3	-65.1	SECOND LUNAR DAY
294 06 34 15	-159	-35.3	SECOND LUNAR DAY	295 06 12 44	9	-65.1	SECOND LUNAR DAY
294 06 34 20	-165	-35.3	SECOND LUNAR DAY	295 06 12 49	15	-65.1	SECOND LUNAR DAY
294 06 34 24	-171	-35.3	SECOND LUNAR DAY	295 06 12 54	21	-65.1	SECOND LUNAR DAY
294 06 34 28	-177	-40.3	SECOND LUNAR DAY	295 06 12 58	27	-70.1	SECOND LUNAR DAY
294 06 34 34	-180	-30.3	SECOND LUNAR DAY	295 06 13 02	30	-65.1	SECOND LUNAR DAY
294 06 34 39	-174	-30.3	SECOND LUNAR DAY	295 06 13 07	24	-65.1	SECOND LUNAR DAY
294 06 34 44	-168	-30.3	SECOND LUNAR DAY	295 06 13 12	18	-60.1	SECOND LUNAR DAY
294 06 39 41	30	19.4	SECOND LUNAR DAY	295 06 13 16	9	-65.1	SECOND LUNAR DAY
294 06 39 52	30	19.4	SECOND LUNAR DAY	295 06 13 20	6	-65.1	SECOND LUNAR DAY
294 06 40 03	30	19.4	SECOND LUNAR DAY	295 06 13 25	3	-55.2	SECOND LUNAR DAY
294 06 40 46	30	24.3	SECOND LUNAR DAY	295 06 13 30	9	-55.2	SECOND LUNAR DAY
294 06 40 56	30	24.3	SECOND LUNAR DAY	295 06 13 33	15	-55.2	SECOND LUNAR DAY
294 06 41 07	30	24.3	SECOND LUNAR DAY	295 06 13 38	21	-55.2	SECOND LUNAR DAY
294 06 45 47	129	-15.3	SECOND LUNAR DAY	295 06 13 48	30	-50.2	SECOND LUNAR DAY
294 06 45 59	129	-15.3	SECOND LUNAR DAY	295 06 13 51	24	-50.2	SECOND LUNAR DAY
294 06 46 10	141	-15.3	SECOND LUNAR DAY	295 06 13 56	18	-50.2	SECOND LUNAR DAY

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
295 06 14 01	12	-50.2	SECOND LUNAR DAY	295 06 29 52	96	-60.1	SECOND LUNAR DAY
295 06 14 06	6	-50.2	SECOND LUNAR DAY	295 06 29 57	90	-60.1	SECOND LUNAR DAY
295 06 14 09	3	-45.3	SECOND LUNAR DAY	295 06 30 02	84	-60.1	SECOND LUNAR DAY
295 06 14 14	9	-45.3	SECOND LUNAR DAY	295 06 30 05	78	-60.1	SECOND LUNAR DAY
295 06 14 19	15	-45.3	SECOND LUNAR DAY	295 06 30 10	72	-60.1	SECOND LUNAR DAY
295 06 14 24	21	-45.3	SECOND LUNAR DAY	295 06 30 15	66	-60.1	SECOND LUNAR DAY
295 06 14 27	27	-45.3	SECOND LUNAR DAY	295 06 30 20	66	-60.1	SECOND LUNAR DAY
295 06 14 32	30	-40.3	SECOND LUNAR DAY	295 06 30 23	69	-55.2	SECOND LUNAR DAY
295 06 14 37	24	-40.3	SECOND LUNAR DAY	295 06 30 28	75	-55.2	SECOND LUNAR DAY
295 06 14 42	15	-40.3	SECOND LUNAR DAY	295 06 30 33	81	-55.2	SECOND LUNAR DAY
295 06 14 45	12	-40.3	SECOND LUNAR DAY	295 06 30 37	87	-55.2	SECOND LUNAR DAY
295 06 14 50	6	-40.3	SECOND LUNAR DAY	295 06 30 41	93	-55.2	SECOND LUNAR DAY
295 06 15 01	3	-35.3	SECOND LUNAR DAY	295 06 30 46	96	-50.2	SECOND LUNAR DAY
295 06 15 06	9	-35.3	SECOND LUNAR DAY	295 06 30 51	90	-55.2	SECOND LUNAR DAY
295 06 15 11	15	-35.3	SECOND LUNAR DAY	295 06 30 55	84	-50.2	SECOND LUNAR DAY
295 06 15 14	18	-35.3	SECOND LUNAR DAY	295 06 30 59	78	-55.2	SECOND LUNAR DAY
295 06 15 19	27	-35.3	SECOND LUNAR DAY	295 06 31 04	72	-50.2	SECOND LUNAR DAY
295 06 15 24	30	-30.3	SECOND LUNAR DAY	295 06 31 09	66	-50.2	SECOND LUNAR DAY
295 06 15 29	24	-30.3	SECOND LUNAR DAY	295 06 31 13	63	-45.3	SECOND LUNAR DAY
295 06 15 32	18	-30.3	SECOND LUNAR DAY	295 06 31 18	69	-45.3	SECOND LUNAR DAY
295 06 15 37	12	-30.3	SECOND LUNAR DAY	295 06 31 22	75	-45.3	SECOND LUNAR DAY
295 06 15 42	6	-30.3	SECOND LUNAR DAY	295 06 31 27	81	-45.3	SECOND LUNAR DAY
295 06 15 47	3	-25.3	SECOND LUNAR DAY	295 06 31 31	87	-45.3	SECOND LUNAR DAY
295 06 16 19	3	-25.3	SECOND LUNAR DAY	295 06 31 36	93	-45.3	SECOND LUNAR DAY
295 06 17 17	9	-25.3	SECOND LUNAR DAY	295 06 31 40	96	-40.3	SECOND LUNAR DAY
295 06 17 22	15	-25.3	SECOND LUNAR DAY	295 06 31 45	90	-40.3	SECOND LUNAR DAY
295 06 17 27	21	-30.3	SECOND LUNAR DAY	295 06 31 49	84	-40.3	SECOND LUNAR DAY
295 06 17 30	27	-25.3	SECOND LUNAR DAY	295 06 31 54	78	-40.3	SECOND LUNAR DAY
295 06 17 35	30	-20.3	SECOND LUNAR DAY	295 06 31 58	72	-40.3	SECOND LUNAR DAY
295 06 17 40	24	-20.3	SECOND LUNAR DAY	295 06 32 03	60	-40.3	SECOND LUNAR DAY
295 06 17 45	18	-20.3	SECOND LUNAR DAY	295 06 32 12	63	-35.3	SECOND LUNAR DAY
295 06 17 48	12	-20.3	SECOND LUNAR DAY	295 06 32 17	69	-35.3	SECOND LUNAR DAY
295 06 17 53	6	-20.3	SECOND LUNAR DAY	295 06 32 20	75	-35.3	SECOND LUNAR DAY
295 06 21 00	33	-65.1	SECOND LUNAR DAY	295 06 32 25	81	-35.3	SECOND LUNAR DAY
295 06 21 52	45	-65.1	SECOND LUNAR DAY	295 06 32 30	87	-35.3	SECOND LUNAR DAY
295 06 21 56	51	-65.1	SECOND LUNAR DAY	295 06 32 35	93	-35.3	SECOND LUNAR DAY
295 06 21 58	57	-65.1	SECOND LUNAR DAY	295 06 32 38	96	-30.3	SECOND LUNAR DAY
295 06 22 05	60	-60.1	SECOND LUNAR DAY	295 06 32 43	90	-30.3	SECOND LUNAR DAY
295 06 22 10	54	-60.1	SECOND LUNAR DAY	295 06 32 48	84	-30.3	SECOND LUNAR DAY
295 06 22 15	48	-60.1	SECOND LUNAR DAY	295 06 32 53	78	-30.3	SECOND LUNAR DAY
295 06 22 19	42	-60.1	SECOND LUNAR DAY	295 06 32 56	72	-30.3	SECOND LUNAR DAY
295 06 22 23	36	-60.1	SECOND LUNAR DAY	295 06 33 01	66	-30.3	SECOND LUNAR DAY
295 06 22 28	33	-55.2	SECOND LUNAR DAY	295 06 33 06	63	-25.3	SECOND LUNAR DAY
295 06 22 33	39	-55.2	SECOND LUNAR DAY	295 06 33 20	63	-25.3	SECOND LUNAR DAY
295 06 22 36	45	-55.2	SECOND LUNAR DAY	295 06 33 36	69	-25.3	SECOND LUNAR DAY
295 06 22 41	51	-55.2	SECOND LUNAR DAY	295 06 33 41	75	-25.3	SECOND LUNAR DAY
295 06 22 46	57	-55.2	SECOND LUNAR DAY	295 06 33 46	81	-25.3	SECOND LUNAR DAY
295 06 22 51	60	-50.2	SECOND LUNAR DAY	295 06 33 49	87	-25.3	SECOND LUNAR DAY
295 06 22 54	54	-50.2	SECOND LUNAR DAY	295 06 33 54	93	-25.3	SECOND LUNAR DAY
295 06 22 59	48	-50.2	SECOND LUNAR DAY	295 06 33 59	96	-20.3	SECOND LUNAR DAY
295 06 23 04	42	-50.2	SECOND LUNAR DAY	295 06 34 04	90	-20.3	SECOND LUNAR DAY
295 06 23 09	36	-50.2	SECOND LUNAR DAY	295 06 34 09	84	-20.3	SECOND LUNAR DAY
295 06 23 12	33	-45.3	SECOND LUNAR DAY	295 06 34 12	78	-20.3	SECOND LUNAR DAY
295 06 23 17	39	-45.3	SECOND LUNAR DAY	295 06 34 17	72	-20.3	SECOND LUNAR DAY
295 06 23 22	45	-45.3	SECOND LUNAR DAY	295 06 34 22	66	-20.3	SECOND LUNAR DAY
295 06 23 27	51	-45.3	SECOND LUNAR DAY	295 06 34 27	63	-15.3	SECOND LUNAR DAY
295 06 23 30	6	-45.3	SECOND LUNAR DAY	295 06 35 02	63	-15.3	SECOND LUNAR DAY
295 06 23 35	60	-40.3	SECOND LUNAR DAY	295 06 35 14	69	-15.3	SECOND LUNAR DAY
295 06 23 40	54	-40.3	SECOND LUNAR DAY	295 06 35 18	75	-20.3	SECOND LUNAR DAY
295 06 23 45	48	-40.3	SECOND LUNAR DAY	295 06 35 23	81	-50.2	SECOND LUNAR DAY
295 06 23 48	42	-40.3	SECOND LUNAR DAY	295 06 35 27	87	-15.3	SECOND LUNAR DAY
295 06 23 53	36	-35.3	SECOND LUNAR DAY	295 06 35 32	60	-20.3	SECOND LUNAR DAY
295 06 24 02	33	-35.3	SECOND LUNAR DAY	295 06 35 36	96	-10.5	SECOND LUNAR DAY
295 06 24 06	39	-35.3	SECOND LUNAR DAY	295 06 35 40	90	-10.5	SECOND LUNAR DAY
295 06 24 11	45	-35.3	SECOND LUNAR DAY	295 06 35 45	84	-10.5	SECOND LUNAR DAY
295 06 24 15	51	-35.3	SECOND LUNAR DAY	295 06 35 50	78	-10.5	SECOND LUNAR DAY
295 06 24 20	57	-35.3	SECOND LUNAR DAY	295 06 35 55	72	-10.5	SECOND LUNAR DAY
295 06 24 25	60	-30.3	SECOND LUNAR DAY	295 06 35 58	66	-10.5	SECOND LUNAR DAY
295 06 24 28	54	-30.3	SECOND LUNAR DAY	295 06 37 03	102	-15.3	SECOND LUNAR DAY
295 06 24 33	48	-30.3	SECOND LUNAR DAY	295 06 37 54	105	-20.3	SECOND LUNAR DAY
295 06 24 38	42	-30.3	SECOND LUNAR DAY	295 06 38 30	108	-20.3	SECOND LUNAR DAY
295 06 24 43	36	-30.3	SECOND LUNAR DAY	295 06 39 09	102	-20.3	SECOND LUNAR DAY
295 06 24 46	33	-25.3	SECOND LUNAR DAY	295 06 39 59	105	-25.3	SECOND LUNAR DAY
295 06 24 51	39	-25.3	SECOND LUNAR DAY	295 06 40 29	69	-30.3	SECOND LUNAR DAY
295 06 24 56	45	-25.3	SECOND LUNAR DAY	295 06 42 26	51	-10.5	SECOND LUNAR DAY
295 06 25 01	51	-25.3	SECOND LUNAR DAY	295 06 43 28	51	-5.6	SECOND LUNAR DAY
295 06 25 04	57	-25.3	SECOND LUNAR DAY	296 05 40 49	-63	-5.6	SECOND LUNAR DAY
295 06 25 09	60	-20.3	SECOND LUNAR DAY	296 05 40 55	-63	-5.6	SECOND LUNAR DAY
295 06 25 14	54	-20.3	SECOND LUNAR DAY	296 05 41 01	-63	-5.6	SECOND LUNAR DAY
295 06 25 19	48	-20.3	SECOND LUNAR DAY	296 05 41 07	-63	-5.6	SECOND LUNAR DAY
295 06 25 22	42	-20.3	SECOND LUNAR DAY	296 05 41 13	-63	-5.6	SECOND LUNAR DAY
295 06 25 27	36	-20.3	SECOND LUNAR DAY	296 05 41 20	-63	-5.6	SECOND LUNAR DAY
295 06 27 26	75	-65.1	SECOND LUNAR DAY	296 05 41 25	-63	-5.6	SECOND LUNAR DAY
295 06 28 39	66	-65.1	SECOND LUNAR DAY	296 05 41 31	-63	-5.6	SECOND LUNAR DAY
295 06 29 29	69	-65.1	SECOND LUNAR DAY	296 05 41 37	-63	-5.6	SECOND LUNAR DAY
295 06 29 34	75	-65.1	SECOND LUNAR DAY	296 05 41 43	-63	-5.6	SECOND LUNAR DAY
295 06 29 39	81	-65.1	SECOND LUNAR DAY	296 05 41 49	-63	-5.6	SECOND LUNAR DAY
295 06 29 44	87	-65.1	SECOND LUNAR DAY	296 05 41 54	-63	-5.6	SECOND LUNAR DAY
295 06 29 47	93	-65.1	SECOND LUNAR DAY	296 05 42 01	-63	-5.6	SECOND LUNAR DAY

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
296 05 42 07	-63	-5.6	SECOND LUNAR DAY	296 06 06 38	-51	4.3	SECOND LUNAR DAY
296 05 42 13	-63	-5.6	SECOND LUNAR DAY	296 06 06 43	-45	4.3	SECOND LUNAR DAY
296 05 42 19	-63	-5.6	SECOND LUNAR DAY	296 06 06 47	-39	4.3	SECOND LUNAR DAY
296 05 42 25	-63	-5.6	SECOND LUNAR DAY	296 06 06 52	-33	4.3	SECOND LUNAR DAY
296 05 42 31	-63	-5.6	SECOND LUNAR DAY	296 06 06 57	-30	9.3	SECOND LUNAR DAY
296 05 42 36	-63	-5.6	SECOND LUNAR DAY	296 06 07 00	-36	9.3	SECOND LUNAR DAY
296 05 42 42	-63	-5.6	SECOND LUNAR DAY	296 06 07 05	-42	9.3	SECOND LUNAR DAY
296 05 44 47	-63	-10.5	SECOND LUNAR DAY	296 06 07 10	-48	9.3	SECOND LUNAR DAY
296 05 45 42	-63	-10.5	SECOND LUNAR DAY	296 06 07 14	-54	9.3	SECOND LUNAR DAY
296 05 48 41	-63	-10.5	SECOND LUNAR DAY	296 06 07 19	-60	9.3	SECOND LUNAR DAY
296 05 50 04	-63	-60.1	SECOND LUNAR DAY	296 06 07 24	-66	9.3	SECOND LUNAR DAY
296 05 54 45	-69	-65.1	SECOND LUNAR DAY	296 06 07 28	-69	14.4	SECOND LUNAR DAY
296 05 54 51	-69	-65.1	SECOND LUNAR DAY	296 06 07 32	-63	14.4	SECOND LUNAR DAY
296 05 56 43	69	29.2	SECOND LUNAR DAY	296 06 07 37	-57	14.4	SECOND LUNAR DAY
296 05 56 55	-69	-65.1	SECOND LUNAR DAY	296 06 07 41	-51	14.4	SECOND LUNAR DAY
296 05 57 45	-69	-65.1	SECOND LUNAR DAY	296 06 07 46	-45	14.4	SECOND LUNAR DAY
296 05 58 28	-63	-65.1	SECOND LUNAR DAY	296 06 07 51	-39	14.4	SECOND LUNAR DAY
296 05 58 33	-57	-65.1	SECOND LUNAR DAY	296 06 07 55	-33	14.4	SECOND LUNAR DAY
296 05 58 38	-51	-65.1	SECOND LUNAR DAY	296 06 07 59	-129	-65.1	SECOND LUNAR DAY
296 05 58 42	-45	-65.1	SECOND LUNAR DAY	296 06 08 03	-36	19.4	SECOND LUNAR DAY
296 05 58 47	-39	-65.1	SECOND LUNAR DAY	296 06 09 16	-27	-65.1	SECOND LUNAR DAY
296 05 58 52	-33	-65.1	SECOND LUNAR DAY	296 06 13 02	-27	9.3	SECOND LUNAR DAY
296 05 58 56	-30	-60.1	SECOND LUNAR DAY	296 06 13 59	-27	4.3	SECOND LUNAR DAY
296 05 59 00	-36	-65.1	SECOND LUNAR DAY	296 06 14 23	-21	4.3	SECOND LUNAR DAY
296 05 59 05	-42	-60.1	SECOND LUNAR DAY	296 06 14 26	-15	4.3	SECOND LUNAR DAY
296 05 59 09	-48	-60.1	SECOND LUNAR DAY	296 06 14 31	-9	4.3	SECOND LUNAR DAY
296 05 59 14	-54	-60.1	SECOND LUNAR DAY	296 06 14 36	-3	4.3	SECOND LUNAR DAY
296 05 59 19	-60	-60.1	SECOND LUNAR DAY	296 06 14 43	-84	9.3	SECOND LUNAR DAY
296 05 59 23	-66	-60.1	SECOND LUNAR DAY	296 06 14 47	-93	9.3	SECOND LUNAR DAY
296 05 59 28	-69	-55.2	SECOND LUNAR DAY	296 06 14 52	-12	9.3	SECOND LUNAR DAY
296 05 59 31	-63	-55.2	SECOND LUNAR DAY	296 06 14 57	-18	9.3	SECOND LUNAR DAY
296 05 59 36	-57	-55.2	SECOND LUNAR DAY	296 06 15 00	-24	9.3	SECOND LUNAR DAY
296 05 59 41	-51	-55.2	SECOND LUNAR DAY	296 06 15 06	-27	14.4	SECOND LUNAR DAY
296 05 59 45	-45	-55.2	SECOND LUNAR DAY	296 06 15 11	-21	9.3	SECOND LUNAR DAY
296 05 59 50	-39	-55.2	SECOND LUNAR DAY	296 06 15 16	-15	14.4	SECOND LUNAR DAY
296 05 59 55	-33	-55.2	SECOND LUNAR DAY	296 06 15 20	-9	14.4	SECOND LUNAR DAY
296 05 59 58	-30	-50.2	SECOND LUNAR DAY	296 06 15 24	-3	14.4	SECOND LUNAR DAY
296 06 00 03	-36	-50.2	SECOND LUNAR DAY	296 06 15 28	0	19.4	SECOND LUNAR DAY
296 06 00 08	-42	-50.2	SECOND LUNAR DAY	296 06 15 33	-12	19.4	SECOND LUNAR DAY
296 06 00 12	-48	-50.2	SECOND LUNAR DAY	296 06 15 38	-12	19.4	SECOND LUNAR DAY
296 06 00 17	-54	-50.2	SECOND LUNAR DAY	296 06 15 42	-18	19.4	SECOND LUNAR DAY
296 06 00 22	-60	-50.2	SECOND LUNAR DAY	296 06 15 47	-24	19.4	SECOND LUNAR DAY
296 06 00 26	-66	-50.2	SECOND LUNAR DAY	296 06 15 52	27	19.4	SECOND LUNAR DAY
296 06 00 30	-69	-45.3	SECOND LUNAR DAY	296 06 15 55	-21	24.3	SECOND LUNAR DAY
296 06 00 35	-63	-45.3	SECOND LUNAR DAY	296 06 16 00	-15	24.3	SECOND LUNAR DAY
296 06 00 39	-57	-45.3	SECOND LUNAR DAY	296 06 16 05	-9	24.3	SECOND LUNAR DAY
296 06 00 44	-51	-45.3	SECOND LUNAR DAY	296 06 16 09	-3	24.3	SECOND LUNAR DAY
296 06 00 49	-45	-45.3	SECOND LUNAR DAY	296 06 16 14	0	24.3	SECOND LUNAR DAY
296 06 00 53	-39	-45.3	SECOND LUNAR DAY	296 06 16 19	-6	29.2	SECOND LUNAR DAY
296 06 00 57	-33	-45.3	SECOND LUNAR DAY	296 06 20 53	-141	-65.1	SECOND LUNAR DAY
296 06 01 04	-30	-40.3	SECOND LUNAR DAY	296 06 21 57	-135	-65.1	SECOND LUNAR DAY
296 06 01 08	-36	-40.3	SECOND LUNAR DAY	296 06 22 02	-129	-65.1	SECOND LUNAR DAY
296 06 01 13	-42	-40.3	SECOND LUNAR DAY	296 06 22 06	-120	-65.1	SECOND LUNAR DAY
296 06 01 18	-48	-40.3	SECOND LUNAR DAY	296 06 22 10	-117	-65.1	SECOND LUNAR DAY
296 06 01 22	-54	-40.3	SECOND LUNAR DAY	296 06 22 15	-111	-65.1	SECOND LUNAR DAY
296 06 01 27	-60	-40.3	SECOND LUNAR DAY	296 06 22 20	-108	-60.1	SECOND LUNAR DAY
296 06 01 32	-66	-40.3	SECOND LUNAR DAY	296 06 22 24	-114	-60.1	SECOND LUNAR DAY
296 06 01 36	-69	-35.3	SECOND LUNAR DAY	296 06 22 29	-120	-60.1	SECOND LUNAR DAY
296 06 01 41	-63	-35.3	SECOND LUNAR DAY	296 06 22 33	-126	-60.1	SECOND LUNAR DAY
296 06 01 46	-57	-35.3	SECOND LUNAR DAY	296 06 22 37	-132	-60.1	SECOND LUNAR DAY
296 06 01 49	-51	-35.3	SECOND LUNAR DAY	296 06 22 42	-135	-60.1	SECOND LUNAR DAY
296 06 01 54	-45	-35.3	SECOND LUNAR DAY	296 06 22 47	-141	-55.2	SECOND LUNAR DAY
296 06 01 59	-39	-35.3	SECOND LUNAR DAY	296 06 22 51	-135	-55.2	SECOND LUNAR DAY
296 06 02 03	-33	-35.3	SECOND LUNAR DAY	296 06 22 56	-129	-55.2	SECOND LUNAR DAY
296 06 02 08	-30	-30.3	SECOND LUNAR DAY	296 06 23 00	-120	-55.2	SECOND LUNAR DAY
296 06 02 13	-36	-30.3	SECOND LUNAR DAY	296 06 23 04	-117	-55.2	SECOND LUNAR DAY
296 06 02 17	-42	-30.3	SECOND LUNAR DAY	296 06 23 09	-111	-55.2	SECOND LUNAR DAY
296 06 02 21	-48	-30.3	SECOND LUNAR DAY	296 06 23 14	-108	-50.2	SECOND LUNAR DAY
296 06 02 25	-54	-25.3	SECOND LUNAR DAY	296 06 23 18	-114	-50.2	SECOND LUNAR DAY
296 06 02 30	-60	-30.3	SECOND LUNAR DAY	296 06 23 23	-117	-50.2	SECOND LUNAR DAY
296 06 02 35	-66	-30.3	SECOND LUNAR DAY	296 06 23 28	-126	-50.2	SECOND LUNAR DAY
296 06 04 32	-66	-10.5	SECOND LUNAR DAY	296 06 23 31	-132	-50.2	SECOND LUNAR DAY
296 06 05 17	-69	-5.6	SECOND LUNAR DAY	296 06 23 36	-138	-50.2	SECOND LUNAR DAY
296 06 05 22	-63	-5.6	SECOND LUNAR DAY	296 06 23 43	-141	-45.3	SECOND LUNAR DAY
296 06 05 27	-57	-5.6	SECOND LUNAR DAY	296 06 23 48	-132	-45.3	SECOND LUNAR DAY
296 06 05 31	-51	-5.6	SECOND LUNAR DAY	296 06 23 52	-129	-45.3	SECOND LUNAR DAY
296 06 05 36	-45	-5.6	SECOND LUNAR DAY	296 06 23 57	-120	-45.3	SECOND LUNAR DAY
296 06 05 41	-39	-5.6	SECOND LUNAR DAY	296 06 24 02	-117	-45.3	SECOND LUNAR DAY
296 06 05 44	-33	-5.6	SECOND LUNAR DAY	296 06 24 05	-111	-45.3	SECOND LUNAR DAY
296 06 05 49	-30	-0.7	SECOND LUNAR DAY	296 06 24 10	-108	-40.3	SECOND LUNAR DAY
296 06 05 54	-36	-0.7	SECOND LUNAR DAY	296 06 24 15	-114	-40.3	SECOND LUNAR DAY
296 06 05 58	-42	-0.7	SECOND LUNAR DAY	296 06 24 19	-117	-40.3	SECOND LUNAR DAY
296 06 06 03	-48	-0.7	SECOND LUNAR DAY	296 06 24 24	-126	-40.3	SECOND LUNAR DAY
296 06 06 08	-54	-0.7	SECOND LUNAR DAY	296 06 24 29	-132	-40.3	SECOND LUNAR DAY
296 06 06 12	-60	-0.7	SECOND LUNAR DAY	296 06 24 32	-138	-40.3	SECOND LUNAR DAY
296 06 06 16	-66	-0.7	SECOND LUNAR DAY	296 06 24 38	-141	-35.3	SECOND LUNAR DAY
296 06 06 25	-69	4.3	SECOND LUNAR DAY	296 06 24 42	-132	29.2	SECOND LUNAR DAY
296 06 06 30	-63	4.3	SECOND LUNAR DAY	296 06 24 46	-129	29.2	SECOND LUNAR DAY
296 06 06 33	-57	4.3	SECOND LUNAR DAY	296 06 24 51	-123	-35.3	SECOND LUNAR DAY

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONT.

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
296 06 24 56	-120	-35.3	SECOND LUNAR DAY	296 06 39 38	-150	-35.3	SECOND LUNAR DAY
296 06 25 00	-111	-35.3	SECOND LUNAR DAY	296 06 39 42	-144	-35.3	SECOND LUNAR DAY
296 06 25 05	-108	-30.3	SECOND LUNAR DAY	296 06 39 47	-141	-30.3	SECOND LUNAR DAY
296 06 25 09	-114	-30.3	SECOND LUNAR DAY	296 06 39 52	-147	-30.3	SECOND LUNAR DAY
296 06 25 13	-120	-30.3	SECOND LUNAR DAY	296 06 39 56	-153	-30.3	SECOND LUNAR DAY
296 06 25 18	-126	-30.3	SECOND LUNAR DAY	296 06 40 01	-159	-30.3	SECOND LUNAR DAY
296 06 25 23	-132	-30.3	SECOND LUNAR DAY	296 06 40 05	-165	-30.3	SECOND LUNAR DAY
296 06 25 27	-138	-30.3	SECOND LUNAR DAY	296 06 40 09	-171	-30.3	SECOND LUNAR DAY
296 06 25 34	-141	-25.3	SECOND LUNAR DAY	296 06 40 14	-174	-25.3	SECOND LUNAR DAY
296 06 25 39	-132	-25.3	SECOND LUNAR DAY	296 06 40 19	-168	-25.3	SECOND LUNAR DAY
296 06 25 44	-126	-25.3	SECOND LUNAR DAY	296 06 40 23	-162	-25.3	SECOND LUNAR DAY
296 06 25 49	-123	-25.3	SECOND LUNAR DAY	296 06 40 28	-156	-25.3	SECOND LUNAR DAY
296 06 25 53	-117	-25.3	SECOND LUNAR DAY	296 06 40 32	-150	-25.3	SECOND LUNAR DAY
296 06 25 57	-111	-25.3	SECOND LUNAR DAY	296 06 40 36	-144	-25.3	SECOND LUNAR DAY
296 06 26 03	-108	-20.3	SECOND LUNAR DAY	296 06 42 08	-72	14.4	SECOND LUNAR DAY
296 06 27 09	-105	-65.1	SECOND LUNAR DAY	296 06 45 05	0	14.4	SECOND LUNAR DAY
296 06 27 39	-99	-65.1	SECOND LUNAR DAY	296 06 46 16	84	14.4	SECOND LUNAR DAY
296 06 27 43	-93	29.2	SECOND LUNAR DAY	296 06 46 55	9	14.4	SECOND LUNAR DAY
296 06 27 48	-87	29.2	SECOND LUNAR DAY	296 06 47 00	15	14.4	SECOND LUNAR DAY
296 06 27 53	-81	-65.1	SECOND LUNAR DAY	296 06 47 05	21	14.4	SECOND LUNAR DAY
296 06 27 58	-78	-65.1	SECOND LUNAR DAY	296 06 47 09	27	14.4	SECOND LUNAR DAY
296 06 28 02	-72	-60.1	SECOND LUNAR DAY	296 06 47 14	30	14.4	SECOND LUNAR DAY
296 06 28 06	-78	-60.1	SECOND LUNAR DAY	296 06 47 18	24	14.4	SECOND LUNAR DAY
296 06 28 10	-84	-60.1	SECOND LUNAR DAY	296 06 47 22	18	14.4	SECOND LUNAR DAY
296 06 28 15	-90	-60.1	SECOND LUNAR DAY	296 06 47 27	12	19.4	SECOND LUNAR DAY
296 06 28 20	-96	-60.1	SECOND LUNAR DAY	296 06 47 32	6	19.4	SECOND LUNAR DAY
296 06 28 25	-102	-60.1	SECOND LUNAR DAY	296 06 47 36	3	24.3	SECOND LUNAR DAY
296 06 28 29	-105	-55.2	SECOND LUNAR DAY	296 06 47 41	9	24.3	SECOND LUNAR DAY
296 06 28 33	-99	-55.2	SECOND LUNAR DAY	296 06 47 46	15	24.3	SECOND LUNAR DAY
296 06 28 37	-93	-55.2	SECOND LUNAR DAY	296 06 47 51	21	24.3	SECOND LUNAR DAY
296 06 28 42	-87	-55.2	SECOND LUNAR DAY	296 06 47 54	27	24.3	SECOND LUNAR DAY
296 06 28 47	-81	-55.2	SECOND LUNAR DAY	296 06 47 59	30	24.3	SECOND LUNAR DAY
296 06 28 52	-75	-55.2	SECOND LUNAR DAY	296 06 48 03	24	24.3	SECOND LUNAR DAY
296 06 28 56	-72	-50.2	SECOND LUNAR DAY	296 06 48 08	18	24.3	SECOND LUNAR DAY
296 06 29 00	-78	-50.2	SECOND LUNAR DAY	296 06 48 13	12	24.3	SECOND LUNAR DAY
296 06 29 04	-84	-50.2	SECOND LUNAR DAY	296 06 48 18	6	24.3	SECOND LUNAR DAY
296 06 29 09	-90	-50.2	SECOND LUNAR DAY	296 06 49 29	33	29.2	SECOND LUNAR DAY
296 06 29 14	-99	-50.2	SECOND LUNAR DAY	296 06 50 01	39	29.2	SECOND LUNAR DAY
296 06 29 19	-102	-50.2	SECOND LUNAR DAY	296 06 50 06	45	29.2	SECOND LUNAR DAY
296 06 29 26	-105	-45.3	SECOND LUNAR DAY	296 06 50 11	51	29.2	SECOND LUNAR DAY
296 06 29 30	-99	-45.3	SECOND LUNAR DAY	296 06 50 14	57	29.2	SECOND LUNAR DAY
296 06 29 35	-90	-45.3	SECOND LUNAR DAY	296 06 50 19	60	29.2	SECOND LUNAR DAY
296 06 29 40	-87	-45.3	SECOND LUNAR DAY	296 06 50 24	54	29.2	SECOND LUNAR DAY
296 06 29 43	-81	-45.3	SECOND LUNAR DAY	296 06 50 28	48	29.2	SECOND LUNAR DAY
296 06 29 48	-75	-45.3	SECOND LUNAR DAY	296 06 50 33	42	29.2	SECOND LUNAR DAY
296 06 29 53	-72	-40.3	SECOND LUNAR DAY	296 06 50 36	36	29.2	SECOND LUNAR DAY
296 06 29 57	-78	-40.3	SECOND LUNAR DAY	296 06 50 42	33	29.2	SECOND LUNAR DAY
296 06 30 02	-84	-40.3	SECOND LUNAR DAY	296 06 50 47	39	29.2	SECOND LUNAR DAY
296 06 30 07	-90	-40.3	SECOND LUNAR DAY	296 06 50 51	45	29.2	SECOND LUNAR DAY
296 06 30 10	-96	-40.3	SECOND LUNAR DAY	296 06 50 55	51	29.2	SECOND LUNAR DAY
296 06 30 15	-102	-40.3	SECOND LUNAR DAY	296 06 51 00	57	29.2	SECOND LUNAR DAY
296 06 30 21	-105	-35.3	SECOND LUNAR DAY	296 06 51 06	60	29.2	SECOND LUNAR DAY
296 06 30 24	-99	-35.3	SECOND LUNAR DAY	296 06 51 11	54	29.2	SECOND LUNAR DAY
296 06 30 29	-93	-35.3	SECOND LUNAR DAY	296 06 51 14	48	29.2	SECOND LUNAR DAY
296 06 30 34	-87	-35.3	SECOND LUNAR DAY	296 06 51 19	42	29.2	SECOND LUNAR DAY
296 06 30 38	-81	-35.3	SECOND LUNAR DAY	296 06 51 23	36	29.2	SECOND LUNAR DAY
296 06 30 43	-75	-35.3	SECOND LUNAR DAY	296 06 52 55	63	14.4	SECOND LUNAR DAY
296 06 30 48	-72	-30.3	SECOND LUNAR DAY	296 06 54 11	69	14.4	SECOND LUNAR DAY
296 06 30 51	-78	-30.3	SECOND LUNAR DAY	296 06 54 15	69	29.2	SECOND LUNAR DAY
296 06 30 56	-84	-30.3	SECOND LUNAR DAY	296 06 54 20	81	14.4	SECOND LUNAR DAY
296 06 31 01	-90	-30.3	SECOND LUNAR DAY	296 06 54 25	87	14.4	SECOND LUNAR DAY
296 06 31 05	-96	-30.3	SECOND LUNAR DAY	296 06 54 29	93	14.4	SECOND LUNAR DAY
296 06 31 10	-102	-30.3	SECOND LUNAR DAY	296 06 54 33	96	24.3	SECOND LUNAR DAY
296 06 31 17	-105	-25.3	SECOND LUNAR DAY	296 06 54 38	90	24.3	SECOND LUNAR DAY
296 06 31 22	-99	-25.3	SECOND LUNAR DAY	296 06 54 42	84	24.3	SECOND LUNAR DAY
296 06 31 26	-93	-25.3	SECOND LUNAR DAY	296 06 54 47	78	24.3	SECOND LUNAR DAY
296 06 31 31	-87	-25.3	SECOND LUNAR DAY	296 06 54 52	72	24.3	SECOND LUNAR DAY
296 06 31 35	-81	-25.3	SECOND LUNAR DAY	296 06 54 57	66	24.3	SECOND LUNAR DAY
296 06 31 39	-75	-25.3	SECOND LUNAR DAY	296 06 55 00	63	24.3	SECOND LUNAR DAY
296 06 31 45	-72	-20.3	SECOND LUNAR DAY	296 06 55 05	69	24.3	SECOND LUNAR DAY
296 06 31 49	-78	-20.3	SECOND LUNAR DAY	296 06 55 10	75	24.3	SECOND LUNAR DAY
296 06 31 53	-84	-20.3	SECOND LUNAR DAY	296 06 55 14	81	24.3	SECOND LUNAR DAY
296 06 31 58	-90	-20.3	SECOND LUNAR DAY	296 06 55 19	87	24.3	SECOND LUNAR DAY
296 06 32 03	-96	-20.3	SECOND LUNAR DAY	296 06 55 22	93	24.3	SECOND LUNAR DAY
296 06 32 08	-102	-20.3	SECOND LUNAR DAY	296 06 55 28	96	29.2	SECOND LUNAR DAY
296 06 32 12	-105	-15.3	SECOND LUNAR DAY	296 06 55 33	54	29.2	SECOND LUNAR DAY
296 06 32 16	-99	-15.3	SECOND LUNAR DAY	296 06 55 37	84	29.2	SECOND LUNAR DAY
296 06 32 20	-93	-15.3	SECOND LUNAR DAY	296 06 55 41	78	29.2	SECOND LUNAR DAY
296 06 32 25	-87	-15.3	SECOND LUNAR DAY	296 06 55 46	72	29.2	SECOND LUNAR DAY
296 06 32 30	-81	-15.3	SECOND LUNAR DAY	296 06 55 51	66	29.2	SECOND LUNAR DAY
296 06 32 35	-75	-15.3	SECOND LUNAR DAY	296 06 55 55	63	29.2	SECOND LUNAR DAY
296 06 32 39	-72	-10.5	SECOND LUNAR DAY	296 06 55 59	69	29.2	SECOND LUNAR DAY
296 06 32 43	-78	-10.5	SECOND LUNAR DAY	296 06 56 04	75	29.2	SECOND LUNAR DAY
296 06 32 47	-84	-10.5	SECOND LUNAR DAY	296 06 56 08	81	29.2	SECOND LUNAR DAY
296 06 36 27	-78	-5.6	SECOND LUNAR DAY	296 06 57 21	84	29.2	SECOND LUNAR DAY
296 06 38 13	-174	-35.3	SECOND LUNAR DAY	296 07 00 24	99	-0.7	SECOND LUNAR DAY
296 06 39 25	-168	-35.3	SECOND LUNAR DAY	296 07 01 33	99	-0.7	SECOND LUNAR DAY
296 06 39 29	-162	-35.3	SECOND LUNAR DAY	296 07 01 39	99	-0.7	SECOND LUNAR DAY
296 06 39 34	-156	-35.3	SECOND LUNAR DAY	296 07 04 26	-63	-5.6	SECOND LUNAR DAY

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE V -- CHRONOLOGICAL LIST OF ALL SURVEYOR 5 TELEVISION PICTURES -- CONCLUDED

TIME (GMT)	AZ	EL	SURVEY	TIME (GMT)	AZ	EL	SURVEY
296 07 05 37	-63	-5.6	SECOND LUNAR DAY	349 02 12 38	51	-10.5	FOURTH LUNAR DAY
296 07 07 32	-63	-5.6	SECOND LUNAR DAY	349 02 12 43	51	-10.5	FOURTH LUNAR DAY
296 07 07 38	-63	-5.6	SECOND LUNAR DAY	349 02 14 38	51	-10.5	FOURTH LUNAR DAY
296 07 09 14	-63	-5.6	SECOND LUNAR DAY	349 02 14 43	51	-10.5	FOURTH LUNAR DAY
296 07 09 20	-63	-5.6	SECOND LUNAR DAY	349 02 14 49	51	-10.5	FOURTH LUNAR DAY
296 09 39 51	-63	-5.6	SECOND LUNAR DAY	349 02 16 30	51	-0.7	FOURTH LUNAR DAY
296 09 39 57	-63	-5.6	SECOND LUNAR DAY	349 02 16 35	51	-0.7	FOURTH LUNAR DAY
296 09 41 00	-63	-5.6	SECOND LUNAR DAY	349 02 16 41	51	-0.7	FOURTH LUNAR DAY
296 09 41 06	-63	-5.6	SECOND LUNAR DAY	349 02 22 03	-57	-60.1	FOURTH LUNAR DAY
296 09 41 51	-63	-5.6	SECOND LUNAR DAY	349 02 24 20	-57	-65.1	FOURTH LUNAR DAY
296 09 41 57	-63	-5.6	SECOND LUNAR DAY	349 02 24 41	-57	-65.1	FOURTH LUNAR DAY
296 09 42 25	-66	-5.6	SECOND LUNAR DAY	349 02 27 22	-57	-65.1	FOURTH LUNAR DAY
296 09 42 32	-69	-5.6	SECOND LUNAR DAY	349 02 28 05	-57	-60.1	FOURTH LUNAR DAY
296 09 43 16	-63	-5.6	SECOND LUNAR DAY	349 02 28 27	-60	-60.1	FOURTH LUNAR DAY
296 09 43 21	-57	-5.6	SECOND LUNAR DAY	349 02 54 35	-60	-55.2	FOURTH LUNAR DAY
296 09 43 25	-51	-5.6	SECOND LUNAR DAY	349 02 56 58	-60	4.3	FOURTH LUNAR DAY
296 09 43 30	-45	-5.6	SECOND LUNAR DAY	349 02 58 10	-60	-55.2	FOURTH LUNAR DAY
296 09 43 35	-39	-5.6	SECOND LUNAR DAY	349 02 59 34	-60	-55.2	FOURTH LUNAR DAY
296 09 43 39	-33	-5.6	SECOND LUNAR DAY	349 03 07 05	-57	-55.2	FOURTH LUNAR DAY
296 09 43 44	-30	-0.7	SECOND LUNAR DAY	349 03 13 28	-57	-55.2	FOURTH LUNAR DAY
296 09 43 49	-36	-0.7	SECOND LUNAR DAY	349 04 03 55	-30	29.2	FOURTH LUNAR DAY
296 09 43 52	-42	-0.7	SECOND LUNAR DAY	349 04 05 06	-57	-55.2	FOURTH LUNAR DAY
296 09 43 57	48	-0.7	SECOND LUNAR DAY	349 04 07 36	-57	-55.2	FOURTH LUNAR DAY
296 09 44 01	-54	-0.7	SECOND LUNAR DAY	349 04 09 23	-60	-60.1	FOURTH LUNAR DAY
296 09 44 06	-60	-0.7	SECOND LUNAR DAY	349 04 11 11	-60	-60.1	FOURTH LUNAR DAY
296 09 44 11	-66	-0.7	SECOND LUNAR DAY	349 04 12 15	-60	-60.1	FOURTH LUNAR DAY
296 09 44 21	-69	4.3	SECOND LUNAR DAY	349 04 15 51	-60	-60.1	FOURTH LUNAR DAY
296 09 44 26	-63	4.3	SECOND LUNAR DAY	349 04 21 15	48	-10.5	FOURTH LUNAR DAY
296 09 44 30	-57	4.3	SECOND LUNAR DAY	349 04 23 45	36	-50.2	FOURTH LUNAR DAY
296 09 44 35	-51	4.3	SECOND LUNAR DAY	349 04 27 44	36	29.2	FOURTH LUNAR DAY
296 09 44 39	-45	4.3	SECOND LUNAR DAY	349 04 31 20	36	29.2	FOURTH LUNAR DAY
296 09 44 43	-39	4.3	SECOND LUNAR DAY	349 04 33 08	36	-25.3	FOURTH LUNAR DAY
296 09 44 48	-33	4.3	SECOND LUNAR DAY	349 04 39 16	-165	-5.6	FOURTH LUNAR DAY
296 09 45 17	-30	9.3	SECOND LUNAR DAY	349 04 41 04	-165	-35.3	FOURTH LUNAR DAY
296 09 45 21	-36	9.3	SECOND LUNAR DAY	349 04 42 30	-165	-30.3	FOURTH LUNAR DAY
296 09 45 26	-42	9.3	SECOND LUNAR DAY	349 05 10 16	-165	-30.3	FOURTH LUNAR DAY
296 09 45 30	-48	9.3	SECOND LUNAR DAY	349 05 12 03	-171	-30.3	FOURTH LUNAR DAY
296 09 45 35	-60	9.3	SECOND LUNAR DAY	349 05 13 29	-177	-30.3	FOURTH LUNAR DAY
296 09 45 40	-60	9.3	SECOND LUNAR DAY	349 05 14 55	-174	-35.3	FOURTH LUNAR DAY
296 09 45 44	-66	9.3	SECOND LUNAR DAY	349 05 16 21	-168	-35.3	FOURTH LUNAR DAY
296 09 45 49	-69	14.4	SECOND LUNAR DAY	349 05 17 47	-162	-35.3	FOURTH LUNAR DAY
296 09 45 52	-63	14.4	SECOND LUNAR DAY	349 05 19 14	-156	-35.3	FOURTH LUNAR DAY
296 09 45 57	-57	14.4	SECOND LUNAR DAY	349 05 20 18	-150	-35.3	FOURTH LUNAR DAY
296 09 46 02	-51	14.4	SECOND LUNAR DAY	349 05 21 23	-147	-45.3	FOURTH LUNAR DAY
296 09 46 06	-45	14.4	SECOND LUNAR DAY	349 05 25 00	-153	-40.3	FOURTH LUNAR DAY
296 09 46 11	-39	14.4	SECOND LUNAR DAY	349 05 26 04	-159	-40.3	FOURTH LUNAR DAY
296 09 46 16	-33	14.4	SECOND LUNAR DAY	349 05 27 53	-165	-5.6	FOURTH LUNAR DAY
296 09 46 20	-30	19.4	SECOND LUNAR DAY	349 05 28 58	-171	-40.3	FOURTH LUNAR DAY
296 09 46 25	-36	19.4	SECOND LUNAR DAY	349 05 30 24	-165	-45.3	FOURTH LUNAR DAY
296 09 47 15	-27	4.3	SECOND LUNAR DAY	349 05 31 29	-171	-45.3	FOURTH LUNAR DAY
296 09 48 13	-27	4.3	SECOND LUNAR DAY	349 05 34 22	-114	-20.3	FOURTH LUNAR DAY
296 09 48 17	-15	4.3	SECOND LUNAR DAY	349 05 38 20	-66	4.3	FOURTH LUNAR DAY
296 09 48 22	-9	4.3	SECOND LUNAR DAY	349 05 39 25	-66	-0.7	FOURTH LUNAR DAY
296 09 48 27	-3	4.3	SECOND LUNAR DAY	349 05 43 46	48	-10.5	FOURTH LUNAR DAY
296 09 48 34	0	9.3	SECOND LUNAR DAY				
296 09 48 38	-6	9.3	SECOND LUNAR DAY				
296 09 48 43	-12	9.3	SECOND LUNAR DAY				
296 09 48 46	-18	9.3	SECOND LUNAR DAY				
296 09 48 51	-24	9.3	SECOND LUNAR DAY				
296 09 48 57	-27	14.4	SECOND LUNAR DAY				
296 09 49 02	-21	14.4	SECOND LUNAR DAY				
296 09 49 06	-15	14.4	SECOND LUNAR DAY				
296 09 49 11	-9	14.4	SECOND LUNAR DAY				
296 09 49 15	-3	14.4	SECOND LUNAR DAY				
296 09 49 19	0	19.4	SECOND LUNAR DAY				
296 09 49 24	-6	19.4	SECOND LUNAR DAY				
296 09 49 28	-12	19.4	SECOND LUNAR DAY				
296 09 49 33	-18	19.4	SECOND LUNAR DAY				
296 09 49 37	-24	19.4	SECOND LUNAR DAY				
296 09 49 42	-27	19.4	SECOND LUNAR DAY				
296 09 49 47	-21	19.4	SECOND LUNAR DAY				
296 09 49 51	-15	19.4	SECOND LUNAR DAY				
296 09 49 56	-9	19.4	SECOND LUNAR DAY				
296 09 50 00	-3	19.4	SECOND LUNAR DAY				
296 09 50 04	0	24.3	SECOND LUNAR DAY				
296 09 50 09	-6	24.3	SECOND LUNAR DAY				
296 09 51 01	51	-5.6	SECOND LUNAR DAY				
296 09 52 03	51	-5.6	SECOND LUNAR DAY				
296 09 52 44	51	-5.6	SECOND LUNAR DAY				
296 09 53 51	99	-5.6	SECOND LUNAR DAY				
296 09 53 56	51	-5.6	SECOND LUNAR DAY				
296 09 55 14	51	-5.6	SECOND LUNAR DAY				
296 09 55 20	51	-10.5	SECOND LUNAR DAY				
349 02 08 34	51	-10.5	FOURTH LUNAR DAY				
349 02 08 40	51	-10.5	FOURTH LUNAR DAY				
349 02 08 46	51	-10.5	FOURTH LUNAR DAY				
349 02 12 21	51	-10.5	FOURTH LUNAR DAY				
349 02 12 27	51	-10.5	FOURTH LUNAR DAY				
349 02 12 32	51	-10.5	FOURTH LUNAR DAY				

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)						
-213	-80.3	261 070031									
-213	-70.1	265 061051	265 061303								
-213	-65.1	264 102713	264 102738	265 110843	265 110934	266 085906					
-213	-60.1	265 061357									
-213	-55.2	256 010559 264 102909	256 070237 265 055127	257 055046 265 111028	258 043355 265 135603	259 045515 266 063427	259 050310 266 090046	260 032147 294 063205	262 061527	264 060019	
-213	-50.2	255 023452 262 061446	256 010519 264 055939	256 070156 265 055046	257 055005 265 061451	258 043315 265 135522	259 045434 266 063347	259 050231 294 063125	260 032106	261 064424	
-213	-45.3	255 023229 262 061433	256 010505 264 055925	256 070142 264 103003	257 054952 265 055033	258 043301 265 111122	259 045419 265 135509	259 050217 266 063334	260 032053 266 090140	261 064343 266 150340	
-213	-40.3	255 023133 261 070601 265 061549 266 060214	256 011452 262 062011 265 135812 294 063112	256 011528 262 062110 265 140835	257 051847 263 114654 265 140849	258 080656 263 114705 265 182338	258 080757 264 061402 265 182423	261 064330 264 061510 266 002834	261 070332 265 055342 266 002846	261 070529 265 060534 266 060141	
-213	-35.3	254 084735 262 062115 265 140853	255 024443 263 072241 265 182428	255 024533 263 072358 266 002851	256 011533 263 072533 266 060237	256 073157 263 114708 266 090237	256 073222 264 061515	257 051934 264 103059	258 080802 265 060539	261 070605 265 111218	
-213	-30.3	254 083934	254 084203	254 084344	254 084514	255 024538	256 073227				
-213	-25.3	263 072852	264 103232	265 111349	265 181152	266 090411					
-213	-15.3	263 072950	264 103327	265 111445	266 090509						
-213	4.3	257 051017									
-213	9.3	257 050936									
-213	14.4	257 050923									
-210	-65.1	265 061352									
-210	-60.1	264 102905	265 111023	266 090041							
-210	-55.2	256 010554 265 055122	256 070232 265 061447	257 055041 265 135558	258 043351 266 063423	259 045510 266 150429	259 050307 294 063202	260 032142	262 061522	264 060014	
-210	-50.2	255 023447 262 061451	256 010523 264 055943	256 070200 264 102959	257 055010 265 055051	258 043319 265 111117	259 045439 265 135527	259 050234 266 063352	260 032111 266 090135	261 064419 266 150358	
-210	-45.3	255 023233 259 045156 262 062337 265 140947	256 010249 259 045257 263 114801 265 182545	256 010407 259 050020 264 055752 266 002948	256 012451 259 052602 264 055825 266 060352	256 070040 260 032020 264 061810 266 063225	257 054801 261 064348 265 055002 266 150238	257 054841 261 070725 265 060713 294 063129	258 043223 262 061042 265 061545	258 081902 262 061401 265 135447	
-210	-40.3	255 023040 261 064042 265 111214 294 063001	255 025107 261 070720 265 140941	256 012428 262 062203 265 182539	256 073404 262 062303 266 002941	257 054754 263 114755 266 060346	258 081856 264 061653 266 090232	259 050854 264 103056 294 062758	259 050954 265 060508 294 062809	259 052556 265 060705 294 062820	
-210	-35.3	255 025031 264 061520	256 011537 265 060544	256 073358 265 061639	257 051937 265 140858	258 080805 265 181053	259 050957 265 182432	261 070609 266 002854	262 062118 266 060242	263 114713	
-210	-30.3	255 024543	256 073230	263 072848	264 103227	265 111344	265 181116				
-210	-25.3	266 090408									
-210	-20.3	263 072941	264 103321	265 111439	266 090502						
-210	4.3	257 051012									
-210	9.3	257 050941									
-210	14.4	257 050853									
-207	-80.3	261 070027									
-207	-70.1	265 061308									
-207	-65.1	264 102620	265 110938	266 085956							
-207	-60.1	265 061402									
-207	-55.2	256 010550 264 102913	256 070227 265 055117	257 055036 265 111033	258 043346 265 135553	259 045505 266 063418	259 050302 266 090050	260 032137 266 150426	262 061518 294 063157	264 060011	
-207	-50.2	255 023443 265 055055	256 010528 265 061456	256 070205 265 135532	257 055015 266 063356	258 043324 266 150403	259 045442 294 063134	259 050239	261 064415	264 055948	
-207	-45.3	255 023238	256 012455	258 081906	259 052607	260 031954	261 064353	261 070730	262 061337	262 062341	

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT) 263 114806 266 090145	TIME (GMT) 264 061815	TIME (GMT) 264 103007	TIME (GMT) 265 060718	TIME (GMT) 265 111127	TIME (GMT) 265 140952	TIME (GMT) 265 182550	TIME (GMT) 266 002952	TIME (GMT) 266 060357
-207	-40.3	255 025112 259 052548 265 060503 266 060136	256 011448 261 064229 265 060656 266 060340	256 012404 261 070713 265 061553	256 073409 262 062007 265 140830	257 051843 262 062157 265 140935	257 054746 263 114649 265 182334	258 080651 263 114749 265 182533	258 081848 264 061357 266 002829	259 050845 264 061646 266 002934
-207	-35.3	255 024439 263 072633 266 060245	255 024855 263 114718 266 090242	256 011541 264 061524	256 073154 264 103104	256 073353 265 060547	257 051942 265 111222	258 080810 265 140902	259 051002 265 182437	262 062123 266 002859
-207	-30.3	255 024546	256 073235							
-207	-25.3	263 072857	264 103236	265 111353	265 181147	266 090416				
-207	-15.3	263 072953	264 103332	265 111450	266 090512					
-207	4.3	257 051009								
-207	9.3	257 050946								
-206	-35.3	261 070614								
-204	-65.1	265 061349								
-204	-60.1	264 102900	265 111019	266 090037						
-204	-55.2	256 010546 263 115751	256 070223 264 060006	257 055033 265 055112	258 043342 265 061442	259 045500 265 135550	259 050257 266 063414	260 032134 266 150421	262 061513 294 063152	263 115657
-204	-50.2	255 023413 261 064411 266 063400	256 010532 262 061456 266 090130	256 070209 262 061500 266 150408	257 055018 264 055953 294 063139	258 043329 264 102954	259 045447 265 055059	259 050244 265 111113	260 032116 265 135536	260 032119 265 140014
-204	-45.3	255 023242 263 114811	256 012500 264 061820	258 081910 265 060723	259 052611 265 061540	260 031928 265 140957	261 064357 265 182555	261 070735 266 060400	262 061303	262 062345
-204	-40.3	255 025117 261 070707 266 002928	256 012344 262 062150 266 060333	256 073413 263 114744 266 090229	257 054739 264 061638	258 081842 264 103051	259 050745 265 060648	259 052327 265 111209	259 052508 265 140929	261 064153 265 182527
-204	-35.3	255 024834 263 115634 266 060250	256 011546 264 061529 266 151251	256 073345 265 060552 294 062201	257 051947 265 061634 294 062212	258 080815 265 140110 294 062223	259 051007 265 140907	261 070619 265 181048	262 062128 265 182441	263 114723 266 002904
-204	-30.3	255 024551	256 073240	263 072844	264 103222	265 111340	265 140045	265 181120	266 090403	
-204	-20.3	263 072938	264 103317	265 111434	266 090457					
-204	4.3	257 051004								
-204	9.3	257 050951								
-201	-70.1	265 061313								
-201	-65.1	264 102824	265 110943	266 085854	266 090001					
-201	-60.1	254 085318	256 081438	265 061407						
-201	-55.2	256 010541 264 060242	256 070219 264 102918	257 055028 265 055109	258 043337 265 111036	259 045457 265 135545	259 050252 266 063409	260 032129 266 090055	262 061509 266 150416	264 060001 294 063147
-201	-50.2	255 023342 262 061504	256 010536 264 055956	256 070214 265 055104	257 055023 265 061500	258 043333 265 135540	259 045452 266 063405	259 050249 266 150411	260 032124 294 063144	261 064407
-201	-45.3	254 082534 261 064402 265 141000	254 235511 261 070739 265 182600	255 023337 262 061226 266 003001	256 012505 262 062350 266 060405	256 081345 263 114816 266 090148	258 081915 264 061825	259 052616 264 103012	260 031747 265 060726	260 031826 265 111131
-201	-40.3	255 025121 259 050701 259 052125 261 070657 265 060638 266 060326	256 011444 259 051751 259 052136 262 062003 265 061558	256 011654 259 052020 259 052144 262 062144 265 140825	256 073417 259 052035 259 052155 263 114644 265 140922	257 051838 259 052046 259 052230 263 114737 265 182329	257 052026 259 052055 259 052239 264 060215 265 182520	257 054613 259 052105 259 052249 264 061353 266 002825	258 080646 259 052116 259 052300 264 061625 266 002921	258 081835 259 052119 261 064117 265 060458 266 060132
-201	-35.3	255 024435 256 012151 257 054341 258 081007 258 081508 264 103109 294 062416	255 024742 256 012217 257 054358 258 081117 258 081528 265 060557	256 011551 256 073149 257 054412 258 081152 258 081733 265 111227	256 011753 256 073340 257 054429 258 081219 259 051012 265 140911	256 011849 257 051952 257 054445 258 081251 261 070623 265 182446	256 012003 257 054128 257 054503 258 081319 262 062133 266 002909	256 012036 257 054249 257 054518 258 081343 263 072637 266 060255	256 012103 257 054308 258 080819 258 081411 263 114726 266 090247	256 012127 257 054323 258 080820 258 081439 264 061533 294 062404
-201	-30.3	254 082608	255 024556	256 073245	256 081350					
-201	-25.3	263 072902	264 103240	265 111358	265 181142	266 090421				
-201	-15.3	254 082637	256 081355	263 072958	264 103337	265 111454	266 090517			

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)							
-192	-40.3	264 103041	265 111200	266 090219							
-192	-35.3	265 061624	265 181040								
-192	-30.3	263 072834	264 103214	265 111331	265 181129	266 090354					
-192	-20.3	263 072928	264 103307	265 111425	266 090447						
-192	9.3	258 074404									
-189	-70.1	265 061321									
-189	-65.1	264 102833	265 110952	266 090010							
-189	-60.1	265 061415									
-189	-55.2	264 102928	265 111046	266 090104							
-189	-50.2	265 061510									
-189	-45.3	264 103021	265 111140	266 090158							
-189	-40.3	265 061606									
-189	-35.3	263 072647	264 103117	265 111236	266 090255						
-189	-25.3	263 072910	264 103250	265 111407	265 181134	266 090429					
-189	-20.3	265 181712	265 181723	265 181817							
-189	-15.3	263 073008	264 103345	265 111503	266 090527						
-189	9.3	258 072702 258 074834	258 072625 258 074844	258 073805 258 075209	258 073816 258 075220	258 073936 258 075302	258 073947 258 075313	258 074310 258 075408	258 074320	258 074551	
-189	14.4	258 074651	258 074737	258 074748							
-186	-65.1	265 061334									
-186	-60.1	264 102847	265 111005	266 090023							
-186	-55.2	265 061429									
-186	-50.2	264 102941	265 111059	266 090117							
-186	-45.3	265 061526	266 002957								
-186	-40.3	264 103037	265 111156	266 090214							
-186	-35.3	265 061621									
-186	-30.3	263 072830	264 103209	265 111326	266 090349						
-186	-20.3	263 072923	264 103303	265 111421	266 090444						
-186	9.3	258 073057	258 073317	258 073328	258 073503	258 073514	258 073609	258 073618			
-183	-70.1	265 061326									
-183	-65.1	264 102837	265 110957	266 090014							
-183	-60.1	254 085354	256 081444	265 061420							
-183	-55.2	264 102931	265 111051	266 090109							
-183	-50.2	265 061514									
-183	-45.3	254 082045	254 082421	254 235504	256 081338	264 103025	265 111144	266 090203			
-183	-40.3	265 061611									
-183	-35.3	254 235459	263 072651	264 103122	265 111241	266 090300					
-183	-30.3	254 081956	256 081333								
-183	-25.3	263 072915	264 103254	265 111411	266 090434						
-183	-15.3	254 081918	254 235455	256 081328	263 073012	264 103350	265 111508	266 090530			
-183	0.7	254 081847	254 235451	256 081323							
-180	-80.3	261 070022									
-180	-70.1	265 051514	265 145530								
-180	-65.1	257 061109 263 132841	258 034006 264 045747	259 110249 265 050638	261 051126 265 061331	261 071829 265 203229	261 072442 266 015235	261 073016 266 055146	262 070106 266 114116	263 071935	
-180	-60.1	254 235725	264 102842	265 111001	266 090019						

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)					
-168	-70.1	290 054028									
-168	-60.1	263 073533	264 103657	265 062435	265 111752	266 091352					
-168	-50.2	256 070354	258 043634	263 073627	264 103751	265 060035	265 062530	265 111846	266 091446		
-168	-45.3	255 023714	256 070457	258 043804	261 064659	264 060538	265 060045	265 140342	266 151710	294 063342	
-168	-40.3	255 023725 266 091543	258 043954 266 151721	261 064710 289 063302	263 073723 294 063352	264 060549	264 104157	265 062629	265 111941	265 140353	
-168	-35.3	256 070548 263 115031 296 063925	256 072832 263 115107 349 051621	256 072840 263 115135	258 044013 263 115145	258 050339 263 115203	258 050350 263 115214	258 050545 265 060137	258 050556 289 063333	258 050803 290 064438	
-168	-30.3	255 023817 266 151812	261 064802 267 063256	263 073924 267 080056	264 060640 267 080448	264 104334 267 090532	265 062722 294 063444	265 112113	265 140445	266 091759	
-168	-25.3	296 064019									
-165	-65.1	263 073457	264 103621	265 062359	265 111715	266 091316					
-165	-60.1	254 085415	256 081450								
-165	-55.2	263 073551	264 103715	265 062453	265 111810	266 091410					
-165	-50.2	290 064355									
-165	-45.3	254 081419 290 064406	254 235432 349 053024	256 081305	263 073645	264 103809	265 062548	265 111904	266 091503	289 063251	
-165	-40.3	258 043949	265 060113								
-165	-35.3	255 023753 261 064738 267 063220	258 050217 263 073741 267 075930	258 050636 264 060617 267 080413	258 050646 264 104215 290 064458	258 050752 265 062646 294 063420	258 050847 265 111959 349 044104	258 050858 265 140421	258 050957 266 091601	258 051007 266 151748	
-165	-30.3	254 081533 349 051016	254 235436	256 081309	289 063353	290 032939	290 033119	290 033139	296 064005	349 044230	
-165	-25.3	263 073943	264 104352	265 112131	266 091817	267 063315	267 080114	267 080506	267 090551		
-165	-15.3	254 081559	254 235440	256 081314							
-165	-5.6	349 043916	349 052753								
-165	0.7	254 081815	254 235445	256 081319							
-162	-70.1	265 145507									
-162	-65.1	257 061114 263 132846	258 034012 264 045752	259 110255 265 050644	261 051132 265 203235	261 071835 266 015241	261 072448 266 114122	261 073021	262 070112	263 071941	
-162	-60.1	254 235731	263 073528	264 103652	265 062432	265 111747	266 091347				
-162	-55.2	266 055151									
-162	-50.2	257 060930 263 073623 266 055007	258 033710 263 132702 266 091441	259 110111 264 045608 266 113853	261 050947 264 103747	261 071650 265 050405	261 072304 265 062525	261 072837 265 111841	262 065928 265 202958	263 071757 266 014939	
-162	-45.3	256 070502	258 043824	265 060050	290 032619						
-162	-40.3	255 023730 266 091538	256 070524 266 151726	261 064715 294 063357	263 073719	264 060553	264 104152	265 062624	265 111937	265 140358	
-162	-35.3	257 060935 263 071801 290 064433	258 033715 263 132706 296 063929	259 055507 264 045613 349 051747	259 110116 265 050410	261 050952 265 203002	261 071655 266 014943	261 072308 266 055012	261 072841 266 113858	262 065932 289 063329	
-162	-30.3	263 073921	264 104329	265 062718	265 112109	266 091754	267 063252	267 080052	267 080444	267 090528	
-162	-25.3	267 090554	290 053423	296 064023							
-162	-20.3	257 060940 264 045617	258 033754 265 050414	259 110119 265 203007	261 050957 266 014948	261 071700 266 055017	261 072313 266 113903	261 072846	263 071806	263 132711	
-162	-5.6	257 060943 263 132716	258 033759 264 045621	259 110124 265 050419	261 051001 265 203011	261 071704 266 014953	261 072318 266 055021	261 072850 266 113906	262 065942 290 053653	263 071810	
-162	14.4	256 031026	256 031037								
-162	19.4	256 031118	256 031129								
-162	24.3	256 031211	256 031221								
-159	-65.1	263 073502	264 103626	265 062404	265 111720	266 091321					
-159	-55.2	263 073555	264 103720	265 062458	265 111815	266 091415					

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)
-159	-45.3	263 073649	264 103813	265 062553	265 111909	266 091508	290 032804	290 032829	290 064411		
-159	-40.3	256 070520	258 043944	265 060108	289 063306	289 063324	349 052604				
-159	-35.3	255 023748 266 151744	261 064733 267 063225	263 073746 267 075935	264 060612 267 080417	264 104220 267 090433	265 062650 294 063415	265 112004	265 140416	266 091606	
-159	-30.3	296 064001									
-159	-25.3	263 073947	264 104355	265 112136	266 091822	267 063318	267 080119	267 080510			
-159	-20.3	262 065937									
-159	14.4	256 030930	256 030941								
-159	19.4	256 025832	256 025843	256 030049	256 030059	256 030222	256 030233	256 030405	256 030416		
-159	24.3	256 031303	256 031314								
-159	29.2	266 142939									
-156	-60.1	263 073523	264 103648	265 062427	265 111743	266 091342					
-156	-50.2	263 073618	264 103742	265 062521	265 111836	266 091437					
-156	-45.3	258 043847	265 060055	265 060104							
-156	-40.3	255 023734 259 035039 263 044524 265 075338 266 151729	257 034023 260 032337 263 044533 265 075347 289 063310	257 034034 260 033007 263 073714 265 075355 294 063401	257 034045 260 033018 264 043707 265 111932 294 063405	258 031018 261 042524 264 043715 265 140401	258 031029 261 042532 264 043724 266 074219	258 031040 261 042540 264 060557 266 074229	259 035017 261 064720 264 103842 266 074237	259 035027 263 044516 265 062619 266 091533	
-156	-35.3	290 064429	296 063934	349 051914							
-156	-30.3	257 034121 259 035111 259 043405 263 044553 265 075416 267 080439	257 034133 259 035121 259 043441 263 044602 265 075424 267 090523	257 034144 259 035133 260 033108 263 073916 265 112105	257 034257 259 042915 260 033119 264 043736 266 074249	257 034307 259 043149 260 033130 264 043744 266 074258	257 034318 259 043201 261 042552 264 043752 266 074306	258 031109 259 043241 261 042601 264 104324 266 091749	258 031119 259 043252 261 042609 265 062713 267 063247	258 031131 259 043353 263 044545 265 075407 267 080048	
-156	-25.3	296 064028									
-156	9.3	266 143019									
-156	14.4	256 030643	256 030653	256 030737	256 030747						
-156	19.4	256 025524	256 030547	256 030558							
-156	24.3	256 031350	256 031401	256 031539	256 031550						
-153	-65.1	263 073505	264 103629	265 062409	265 111725	266 091324					
-153	-55.2	263 073600	264 103724	265 062503	265 111819	266 091419					
-153	-45.3	256 070507	263 073654	264 103818	265 062556	265 111912	266 091513	290 064415			
-153	-40.3	256 070515	258 043922	260 031147	262 045734	262 045744	262 045752	349 052500			
-153	-35.3	255 023743 266 151739	261 064729 267 063230	263 073750 267 075939	264 060607 267 080421	264 104225 267 090506	265 062655 289 063320	265 112008 290 064424	265 140411 294 063411	266 091609	
-153	-30.3	262 045804	262 045813	262 045821	296 063956						
-153	-25.3	263 073952	264 104400	265 112141	266 091825	267 063323	267 080123	267 080515	267 090559		
-150	-60.1	263 073520	264 103644	265 062422	265 111738	266 091339					
-150	-50.2	263 073613	264 103737	265 062516	265 111833	266 091432					
-150	-45.3	256 070510	258 043904	265 060059	290 064419						
-150	-40.3	255 023738 266 151734	261 064723 289 063315	263 073710	264 060602	264 103837	265 062614	265 111928	265 140406	266 091530	
-150	-35.3	296 063938	349 052018								
-150	-30.3	263 073911	264 104320	265 062709	265 112100	266 091745	267 063242	267 080019	267 080435	267 090518	
-150	-25.3	296 064032									
-147	-65.1	263 073510	264 103634	265 062414	265 111730	266 091329					
-147	-60.1	254 085434	256 081454								
-147	-55.2	263 073604	264 103728	265 062507	265 111823	266 091423					
-147	-45.3	254 071023	254 071225	254 081236	254 235426	256 081300	263 073659	264 103823	265 062601	265 111917	

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)
		266 091518	349 052123							
-147	-35.3	263 073755	264 104229	265 062700	265 112013	266 091614	267 063234	267 075944	267 080425	267 090510
-147	-30.3	254 070953	254 235421	256 081255	296 063952					
-147	-25.3	263 073956	264 104405	265 112144	266 091830	267 063327	267 080128	267 080520	267 090604	
-147	-15.3	254 070932	254 235417	256 081250						
-147	0.7	254 070847	254 235413	256 081245						
-144	-70.1	263 132942	265 051439	265 145423	265 145443					
-144	-65.1	257 061120 263 045735 266 114128	258 034017 263 071946 266 114156	259 110300 263 132852	261 051137 264 045758	261 071840 265 050649	261 072453 265 050717	261 073027 265 203241	262 070117 266 015246	263 045652 266 055157
-144	-60.1	254 235736 263 050127	263 045850 263 050132	263 050011 263 073515	263 050100 264 103639	263 050104 265 062417	263 050109 265 111734	263 050114 266 091334	263 050118	263 050122
-144	-55.2	263 050140	263 050205	263 050210	263 050215	263 050219	263 050223	263 050228	263 050232	263 050237
-144	-50.2	257 060926 263 050333 263 073609 266 055001	258 033705 263 050419 263 132656 266 091428	259 110105 263 050424 264 045602 266 113847	261 050942 263 050429 264 103733	261 071646 263 050432 265 050359	261 072259 263 050437 265 062512	261 072831 263 050442 265 111828	262 065923 263 050447 265 202953	263 050246 263 050450 266 014934
-144	-45.3	263 050500 267 063509	263 050507	263 050511	263 050516	263 050520	263 050525	263 050529	263 050534	263 050539
-144	-40.3	263 050547 263 073706	263 050610 264 103832	263 050615 265 062611	263 050618 265 111923	263 050623 266 091525	263 050628	263 050633	263 050636	263 050641
-144	-35.3	257 060921 263 050713 263 132652	258 033700 263 050717 264 045558	259 110101 263 050721 265 050356	261 050937 263 050726 265 202948	261 071641 263 050731 266 014929	261 072254 263 050735 266 054958	261 072826 263 050739 266 113844	262 065918 263 050744 296 063942	263 050650 263 071747
-144	-30.3	263 050752 263 050934 264 104306 267 080430	263 050802 263 050953 265 062704 267 090515	263 050807 263 051011 265 112018	263 050810 263 051034 265 112047	263 050815 263 051053 266 091619	263 050820 263 051112 266 091715	263 050825 263 073759 267 063239	263 050828 263 073846 267 075949	263 050915 264 104233 267 075953
-144	-25.3	296 064036								
-144	-20.3	257 060916 263 132648	258 033656 264 045554	259 110057 265 050306	261 050933 265 050333	261 071636 265 202909	261 072249 266 014845	261 072823 266 054953	262 065913 266 113839	263 071742
-144	-5.6	257 060911 263 132643	258 033651 264 045549	259 110052 265 050303	261 050928 265 202905	261 071631 266 014840	261 072244 266 113834	261 072818	262 065910	263 071739
-141	-65.1	258 082657 296 062053	258 082841	263 074249	263 080609	264 104527	264 104701	264 104736	265 112306	266 092217
-141	-60.1	255 072417	255 073116	255 073127	255 073347	255 073524				
-141	-55.2	258 083020	263 080747	264 104850	265 112437	266 092334	296 062247			
-141	-50.2	263 071752								
-141	-45.3	258 083200	263 080844	264 104946	265 112532	266 092451	296 062343			
-141	-40.3	267 063723								
-141	-35.3	258 083255 296 062438	263 080939	264 105040	265 112628	266 092545	267 063729	267 080649	267 090654	267 095927
-141	-30.3	296 063947								
-141	-25.3	258 083442 296 062534	263 081128	264 105206	265 112759	266 092724	267 063824	267 080834	267 090837	267 100054
-141	-15.3	258 083613								
-141	-10.5	255 074711								
-141	-5.6	258 083707								
-141	0.7	255 074805								
-138	-65.1	258 082447								
-138	-60.1	258 083015	263 080742	264 104846	265 112432	266 092329				
-138	-50.2	258 083109	263 080836	264 104939	265 112526	266 092422	296 062336			
-138	-45.3	267 063544	290 032305							
-138	-40.3	258 083250	263 080934	264 105036	265 112622	266 092540	296 062432			

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)				
-126	-70.1	261 051556	263 133001	265 051401	265 145405	290 065612	290 070020				
-126	-65.1	257 061125 263 051442 263 071952	258 034023 263 051530 263 132857	259 110306 263 051535 264 045803	261 051142 263 051540 265 050741	261 071846 263 051543 265 203322	261 072459 263 051548 266 015326	261 073033 263 051553 266 055202	262 070123 263 051558 266 114206	263 051336 263 051601 266 143458	
-126	-60.1	254 235742 263 054850	258 083006 263 051652	263 051611 263 080733	263 051621 264 104836	263 051624 265 112424	263 051629 266 092319	263 051634 296 062233	263 051639	263 051642	
-126	-55.2	263 051700	263 051708	263 051712	263 051716	263 051721	263 051726	263 051729	263 051734	263 051739	
-126	-50.2	257 060852 263 051747 263 071719 266 054850	258 033633 263 051755 263 080828 266 054921	258 083100 263 051759 263 132624 266 092414	259 110033 263 051803 264 045514 266 113344	261 050909 263 051808 264 104931 296 062328	261 071613 263 051813 265 050243	261 072226 263 051816 265 112518	261 072759 263 051821 265 202847	262 065850 263 051826 266 014822	
-126	-45.3	263 051834 267 063554	263 051843	263 051848	263 051852	263 051857	263 051901	263 051906	263 051911	263 051915	
-126	-40.3	258 083241 263 052627	263 051924 263 080924	263 052554 264 105026	263 052559 265 112613	263 052604 266 092532	263 052609 296 062424	263 052612	263 052617	263 052622	
-126	-35.3	257 060857 263 052704 263 071723	258 033636 263 052722 263 132629	259 110037 263 052727 264 045519	261 050914 263 052732 265 050248	261 071617 263 052737 265 202850	261 072230 263 052740 266 014826	261 072804 263 052745 266 054934	262 065855 263 052750 266 113349	263 052635 263 052755	
-126	-30.3	258 083336 263 052912 265 112740	263 052803 263 052929 266 092707	263 052813 263 052947 267 063809	263 052818 263 053004 267 080817	263 052822 263 053023 267 090821	263 052827 263 053042 267 100037	263 052831 263 053102 296 062518	263 052836 263 081113	263 052841 264 105150	
-126	-25.3	296 062544									
-126	-20.3	257 060902 263 071728	258 033641 263 132634	258 083558 264 045524	259 110042 265 050252	261 050918 265 202855	261 071622 266 014830	261 072235 266 054939	261 072809 266 113354	262 065859	
-126	-15.3	255 074657									
-126	-10.5	258 083652									
-126	-5.6	255 074752 263 071733	257 060906 263 132637	258 033646 264 045544	259 110046 265 050257	261 050923 265 202900	261 071626 266 014835	261 072240 266 054944	261 072812 266 113357	262 065904 266 113428	
-126	19.4	256 032652	256 032704								
-126	29.2	290 054800	290 055238								
-123	-65.1	258 082939	263 080706	264 104810	265 112356	266 092253					
-123	-55.2	258 083033	263 080800	264 104904	265 112450	266 092347					
-123	-45.3	258 083213	263 080858	264 104959	265 112547	266 092504					
-123	-40.3	267 063617									
-123	-35.3	258 083308 296 062451	263 081046	264 105124	265 112714	266 092640	267 063741	267 080750	267 090753	267 100010	
-123	-25.3	258 083456 290 053840	263 081143 296 062549	264 105220	265 112813	266 092737	267 063838	267 080847	267 090851	267 100109	
-123	-15.3	258 083626									
-123	-10.5	255 074725									
-123	-5.6	258 083720									
-123	0.7	255 074818									
-120	-70.1	290 065602	290 070106								
-120	-65.1	296 062206									
-120	-60.1	258 083002 263 175315 263 180143	263 080729 263 175413 263 180218	263 174640 263 175742 263 180252	263 174739 263 175823 263 180329	263 174814 263 175902 263 180450	263 174859 263 175930 264 104831	263 175020 263 175958 265 112419	263 175201 263 180026 266 092316	263 175242 263 180100 296 062229	
-120	-55.2	296 062300									
-120	-50.2	258 083056	263 080823	264 104926	265 112513	266 092409					
-120	-45.3	267 063558	296 062357								
-120	-40.3	258 083236	263 080921	264 105022	265 112609	266 092527					
-120	-35.3	296 062456									
-120	-30.3	258 083331 296 062513	263 081108	264 105145	265 112735	266 092703	267 063805	267 080812	267 090817	267 100032	

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)									
-120	-20.3	258 083555									
-120	-15.3	255 074654									
-120	-10.5	258 083649									
-120	-5.6	255 074747									
-117	-65.1	258 082944	263 080711	264 104813	265 112401	266 092258	296 062210				
-117	-60.1	266 144702	266 144713	266 144808							
-117	-55.2	258 083038	263 080805	264 104908	265 112455	266 092351	296 062304				
-117	-50.2	296 062323									
-117	-45.3	258 083218	263 080903	264 105004	265 112550	266 092509	296 062402				
-117	-40.3	267 063612	296 062419								
-117	-35.3	258 083313	263 081050	264 105127	265 110012	265 110058	265 110117	265 110122	265 110127	265 110131	
		265 110136	265 110141	265 110147	265 110152	265 110157	265 110201	265 110206	265 110211	265 110216	
		265 110222	265 110227	265 110232	265 110323	265 112717	266 092645	267 063746	267 080755	267 090758	
		267 100015									
-117	-30.3	265 105452	265 105513	265 105517	265 105522	265 105527	265 105532	265 105538	265 105543	265 105548	
		265 105552	265 105557	265 105602	265 105607	265 105613	265 105618	265 105623			
-117	-25.3	258 083501	263 081146	264 105224	265 105707	265 105727	265 105731	265 105736	265 105741	265 105747	
		265 105752	265 105757	265 105801	265 105806	265 105811	265 105816	265 112818	266 092742	267 063843	
		267 080852	267 090856	267 100114	296 062553						
-117	-15.3	258 083631									
-117	-10.5	255 074729									
-117	-5.6	258 083725									
-117	0.7	255 074823									
-114	-70.1	290 065535	290 070148								
-114	-60.1	258 082957	263 080724	264 104828	265 112414	266 092311	296 062224				
-114	-50.2	258 083051	263 080818	264 104921	265 112508	266 092405	296 062318				
-114	-45.3	267 063603									
-114	-40.3	258 083232	263 080916	264 105017	265 112605	266 092522	296 062415				
-114	-30.3	258 083326	263 081104	264 105142	265 112732	266 092658	267 063800	267 080809	267 090812	267 100027	
		296 062509									
-114	-20.3	258 083550	263 081201	264 105238	266 092756	349 053422					
-114	-10.5	258 083644									
-114	-5.6	255 074742									
-111	-65.1	258 082948	263 080715	264 104818	265 112406	266 092301	296 062215				
-111	-60.1	254 085521	256 081505								
-111	-55.2	258 083042	263 080810	264 104912	265 112500	266 092356	296 062309				
-111	-45.3	254 070436	254 235348	256 081222	258 083223	263 080906	264 105008	265 112555	266 092513	296 062405	
-111	-40.3	267 063607									
-111	-35.3	258 083318	263 081055	264 105132	265 112722	266 092649	267 063751	267 080759	267 090803	267 100019	
		296 062500									
-111	-30.3	254 070313	254 235344	256 081217							
-111	-25.3	258 083505	263 081151	264 105229	265 112822	266 092747	267 063847	267 080856	267 090901	267 100118	
		296 062557									
-111	-15.3	254 235339	256 081212	258 083634							
-111	-10.5	255 074733									
-111	-5.6	258 083729									
-111	0.7	254 235334	255 074828	256 081208							
-108	-70.1	261 051602	263 133006	265 051341	265 145345	290 065524					
-108	-65.1	257 061131	257 083517	257 083901	257 083905	257 083910	257 083914	257 083918	257 083923	257 083928	

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)								
-99	-45.3	258 084119	263 081936	264 105716	265 113632	266 093216	296 062930				
-99	-40.3	257 033325 260 030829 263 044243 266 073509	257 033335 260 030838 263 044251 266 073517	257 033346 260 030846 263 044300 266 073526	258 030606 261 042256 264 043418	258 030617 261 042304 264 043426	258 030628 261 042313 264 043435	259 034511 262 045505 265 075109	259 034522 262 045513 265 075117	259 034533 262 045522 265 075126	
-99	-35.3	258 084214	263 082030	264 105810	265 113726	266 093311	267 064045	296 063024			
-99	-30.3	265 104742 265 104843	265 104802 265 104848	265 104808 265 104853	265 104813	265 104818	265 104823	265 104827	265 104832	265 104837	
-99	-25.3	258 084345 265 105036 267 081044	263 082226 265 105041 267 091043	264 105939 265 105046 267 100257	265 104946 265 105051 296 063122	265 105011 265 105016 265 105056	265 105016 265 105101	265 105021 265 113854	265 105026 266 093802	265 105030 267 064141	
-99	-20.3	265 105230 265 105347	265 105307	265 105312	265 105318	265 105323	265 105328	265 105333	265 105337	265 105342	
-99	-15.3	258 084557 296 063216	263 082940	264 110103	265 114027	266 093939	267 064236	267 081138	267 091138	267 100351	
-99	-5.6	258 084651	263 083034	264 110156	265 114120	266 094033					
-99	14.4	262 070457	262 070508								
-99	24.3	262 070815	262 070825								
-99	29.2	262 070930	262 070941	262 071212	262 071223						
-96	-70.1	290 065507									
-96	-60.1	257 044302 266 093104	258 040309 296 062820	258 083932	261 053753	262 053200	263 081826	263 110418	264 105605	265 113522	
-96	-55.2	256 003140									
-96	-50.2	258 084025	263 081921	264 105659	265 113615	266 093158					
-96	-40.3	256 073826	258 084200	263 082016	264 105755	265 113712	266 093256	296 063010			
-96	-30.3	258 084254	263 082208	264 105923	265 113837	266 093744	267 064125	296 063105			
-96	-25.3	255 075507									
-96	-20.3	258 084426 296 063203	263 082927	264 110049	265 114013	266 093926	267 064222	267 081126	267 091125	267 100337	
-96	-10.5	258 084638	263 083021	264 110143	265 114107	266 094019					
-93	-65.1	257 044328 266 093028	258 040333	258 083856	261 053839	262 053234	263 081750	263 110442	264 105528	265 113446	
-93	-60.1	254 085542	254 233823	256 003227	256 081511						
-93	-55.2	258 083949	263 081844	264 105623	265 113540	266 093122	296 062837				
-93	-50.2	257 033434 258 030706 261 042327 264 043449	257 033445 258 030717 261 042337 264 043458	257 033456 258 030728 261 042346 264 043507	257 033528 259 034616 262 045536 265 075140	257 033540 259 034627 262 045545 265 075149	257 033551 259 034637 262 045553 265 075157	257 033648 260 030901 263 044314 266 073540	257 033700 260 030909 263 044323 266 073548	257 033711 260 030917 263 044331 266 073557	
-93	-45.3	254 065653	254 235315	256 081149	258 084124	263 081941	264 105719	265 113636	266 093220		
-93	-35.3	258 084218	263 082035	264 105815	265 113731	266 093314	267 064049	296 063029			
-93	-30.3	254 065829	254 235320	255 075431	256 081153						
-93	-25.3	258 084349 296 063126	263 082231	264 105944	265 113859	266 093806	267 064146	267 081049	267 091048	267 100301	
-93	-15.3	254 235325 267 091142	256 081158 267 100355	258 084602 296 063220	263 082945	264 110107	265 114031	266 093944	267 064241	267 081143	
-93	-5.6	258 084656	263 083039	264 110201	265 114125	266 014757	266 094037				
-93	0.7	254 235328	256 081202								
-93	9.3	296 061447									
-93	29.2	296 062743									
-90	-70.1	261 051606	262 052019	262 052132	263 133012	265 051322	265 145325	290 065501	290 070229		
-90	-65.1	257 061137 258 051925 263 110952 263 132909	258 034034 258 051929 263 110957 264 045815	258 051532 259 110317 263 111031 265 050752	258 051720 261 051154 263 111036 265 203333	258 051857 261 071856 263 111100 266 015338	258 051902 261 072510 263 111105 266 055214	258 051907 261 073043 263 111139 266 114218	258 051911 262 070134 263 111144	258 051920 262 072003 263 111224	

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)						
-90	-60.1	254 235752 258 052113 258 052502 265 113517	257 044244 258 052118 258 052506 266 093059	258 040254 258 052122 258 052511 296 062815	258 051938 258 052357 258 083928	258 052050 258 052440 261 053724	258 052055 258 052444 262 053137	258 052100 258 052449 263 081822	258 052104 258 052453 263 110401	258 052108 258 052458 264 105600	
-90	-55.2	256 003113 258 052610	258 052131 258 052614	258 052520 263 111555	258 052542 263 111601	258 052547	258 052552	258 052556	258 052600	258 052605	
-90	-50.2	257 060742 258 052741 263 061916 263 132417 266 093154	258 033511 258 084022 263 111738 264 045437 266 113231	258 052623 259 105954 263 111743 264 105654 296 062909	258 052710 261 050417 263 111803 265 05916	258 052715 261 071535 263 111808 265 050141	258 052718 261 072148 263 111850 265 113612	258 052728 261 072720 263 111855 265 202808	258 052733 262 065812 263 111938 266 014744	258 052736 263 071641 263 111951 266 054812	
-90	-45.3	258 052751 296 062935	258 052812	258 052817	258 052822	258 052826	258 052830	258 052835	258 052840	258 052844	
-90	-40.3	258 052853 258 084155	258 052913 263 082012	258 052918 264 105752	258 052923 265 113708	258 052928 266 093251	258 052931 296 063007	258 052936	258 052941	258 052946	
-90	-35.3	257 060746 258 053031 263 132422	258 033516 258 053035 264 045440	258 052955 259 105959 265 045920	258 053003 261 050421 265 050210	258 053008 261 071539 265 202813	258 053013 261 072153 266 014748	258 053017 261 072725 266 054817	258 053021 262 065817 266 113235	258 053026 263 071646	
-90	-30.3	258 053043 258 053311 258 053728	258 053149 258 053502 258 053731	258 053240 258 053628 258 084250	258 053244 258 053700 263 082203	258 053249 258 053705 264 105919	258 053254 258 053710 265 113834	258 053258 258 053713 266 093741	258 053302 258 053718 267 064121	258 053307 258 053723 296 063101	
-90	-25.3	255 075502 258 053837	258 053321 258 053842	258 053741	258 053811	258 053815	258 053819	258 053824	258 053829	258 053833	
-90	-20.3	257 060823 258 054342 258 054709 261 071543 264 110016 266 093915	258 033521 258 054513 258 054718 261 072156 264 110037 266 113240	258 053851 258 054537 258 054729 261 072730 265 045925 267 064217	258 053910 258 054559 258 054739 262 065821 265 050214 267 081121	258 053914 258 054613 258 054748 263 071650 265 113932 267 091121	258 053919 258 054623 258 054822 263 082304 265 113959 267 100333	258 053924 258 054635 258 084421 263 082340 265 202818 296 063158	258 053928 258 054646 259 110004 263 132427 266 014752	258 053932 258 054657 261 050425 264 045445 266 054821	
-90	-15.3	258 053940	258 055019	258 055049	258 055054	258 055058					
-90	-10.5	258 084633	263 083016	264 110138	265 114102	266 094015					
-90	-5.6	257 060828 263 132432	258 033608 264 045450	259 110009 265 045929	261 050430 265 050219	261 071548 265 202821	261 072201 266 054826	261 072735 266 113245	262 065825	263 071654	
-90	0.7	289 050319									
-90	29.2	258 052723	290 054924								
-87	-70.1	262 052320									
-87	-65.1	257 044346 266 093033	258 040348	258 083900	261 053906	262 053259	263 081755	263 110511	264 105533	265 113451	
-87	-60.1	256 003256									
-87	-55.2	257 033749 259 034731 262 045621 265 075209	257 033800 260 030928 263 044343 265 075218	257 033811 260 030938 263 044351 265 075226	258 030803 260 030946 263 044400 265 113545	258 030814 261 042356 263 081848 266 073607	258 030824 261 042404 264 043518 266 073617	258 083954 261 042413 264 043527 266 073625	259 034710 262 045604 264 043535 266 093127	259 034720 262 045612 264 105627 296 062842	
-87	-45.3	258 084129	263 081945	264 105724	265 113641	266 093225	296 062940				
-87	-35.3	258 084223	263 082040	264 105818	265 113735	266 093319	267 064053	296 063034			
-87	-30.3	255 075435									
-87	-25.3	258 084354 296 063131	263 082236	264 105949	265 113904	266 093810	267 064151	267 081053	267 091053	267 100306	
-87	-15.3	258 084605 296 063225	263 082950	264 110112	265 114036	266 093948	267 064245	267 081148	267 091147	267 100400	
-87	-5.6	258 084700	263 083044	264 110206	265 114130	266 094042					
-87	29.2	296 062748									
-84	-70.1	262 052810	262 052914	290 065454							
-84	-60.1	257 044228 266 093056	258 040239 296 062810	258 083923	261 053701	262 053113	263 081817	263 110344	264 105556	265 113512	
-84	-55.2	256 003044									
-84	-50.2	258 084017	263 081911	264 105650	265 113607	266 093149	296 062904				
-84	-40.3	258 084150	263 082008	264 105747	265 113703	266 093247	267 081116	296 063002			
-84	-30.3	258 084245	263 082200	264 105914	265 113829	266 093736	267 064116	296 063056			

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)								
-84	-25.3	255 075457								
-84	-20.3	258 084416 296 063153	263 082259	264 110012	265 113927	266 093833	266 093838	267 064213	267 091116	267 100329
-84	-10.5	258 084628	263 083011	264 110135	265 114059	266 094011	267 081210	267 091210	267 100444	296 063247
-84	9.3	296 061443								
-81	-70.1	262 051946								
-81	-65.1	257 044401 266 093038	258 040404 296 062753	258 083905	261 053934	262 053325	263 081759	263 110526	264 105538	265 113454
-81	-60.1	256 003323	262 051941							
-81	-55.2	258 083959	263 081853	264 105632	265 113549	266 093131	296 062847			
-81	-45.3	258 084132	263 081949	264 105729	265 113645	266 093229	296 062943			
-81	-35.3	258 084227	263 082044	264 105823	265 113740	266 093324	267 064057	296 063038		
-81	-30.3	255 075439								
-81	-25.3	258 084358 265 102352 266 093815	263 082241 265 102356 267 064155	264 105952 265 102401 267 081058	265 102214 265 102406 267 091057	265 102315 265 102411 267 100310	265 102331 265 102416 296 063135	265 102336 265 102422	265 102341 265 102427	265 102346 265 113909
-81	-20.3	265 102527 265 102708	265 102612 265 102714	265 102633 265 102719	265 102638	265 102644	265 102649	265 102654	265 102659	265 102703
-81	-15.3	258 084610 265 102919 267 064249	263 082955 265 102925 267 081152	264 110117 265 102929 267 091152	265 102832 265 102934 267 100405	265 102854 265 102939 296 063230	265 102859 265 102944	265 102904 265 102949	265 102909 265 114040	265 102914 266 093953
-81	-10.5	265 104501	265 104529	265 104534	265 104539	265 104543	265 104548	265 104553	265 104559	
-81	-5.6	258 084704	263 083048	264 110211	265 114135	266 094047				
-78	-75.3	261 053452								
-78	-70.1	256 002821 264 053003	257 044110 264 053023	257 044124 265 051751	258 040139 290 065445	261 053517 290 070237	262 052746	262 052945	263 110217	263 110235
-78	-65.1	256 002850 265 051944	257 044613 265 132136	258 040122 266 145716	258 040424 266 145831	258 040610 296 062758	261 054230	262 054347	263 114227	264 053211
-78	-60.1	255 003351 258 030905 260 031053 262 045650 264 043546 265 113508	256 003547 258 030916 260 031102 262 053039 264 043614 265 132141	256 063134 258 040217 261 042424 262 054352 264 043622 266 073636	257 033849 258 040614 261 042431 263 044411 264 053215 266 074111	257 033900 258 083918 261 042439 263 044422 264 105551 266 074127	257 033910 259 034807 261 053618 263 044430 265 051949 266 074135	257 044206 259 034818 261 054235 263 081813 265 075237 266 093051	257 044618 259 034829 262 045632 263 110322 265 075245 266 145835	258 030854 260 030957 262 045641 263 114232 265 075254 296 062806
-78	-55.2	255 003356	256 003008	256 003552	256 063138					
-78	-50.2	258 084012	263 081906	264 105646	265 113602	266 093144	296 062900			
-78	-40.3	258 084147	263 082003	264 105742	265 113659	266 093243	296 062957			
-78	-35.3	266 112152								
-78	-30.3	258 084241	263 082155	264 105910	265 113824	266 093731	267 064111	296 063051		
-78	-25.3	255 075453								
-78	-20.3	258 084413 296 063149	263 082254	264 110007	265 113922	266 093829	267 064209	267 081112	267 091111	267 100324
-78	-10.5	258 084623 296 063243	263 083008	264 110130	265 114054	266 094006	267 064303	267 081205	267 091206	267 100441
-78	-5.6	296 063627								
-75	-70.1	257 043905 265 132003	257 044421	258 040014	261 053245	261 054005	262 051738	262 053355	263 110547	263 114036
-75	-65.1	255 003211 263 081804 263 113902	256 002522 263 113639 263 114222	256 003359 263 113645 264 053206	256 063008 263 113713 264 105543	257 044608 263 113717 265 051939	258 040605 263 113733 265 113459	258 083910 263 113738 265 132132	261 054226 263 113819 266 093041	262 054343 263 113824 266 145826
-75	-60.1	254 053147	254 234159	255 003346	256 003543	256 063130				
-75	-55.2	257 044735 265 052106	258 040731 265 113553	258 084004 265 132534	261 054352 266 093136	262 054509 266 145953	263 081858 289 042521	263 114349 289 042644	264 053333 296 062852	264 105636
-75	-50.2	255 003512	256 003709	256 063256	266 145957					
-75	-45.3	254 053203	254 234205	258 084137	263 081954	264 105734	265 113650	266 093233	296 062948	

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)					
-69	-70.1	262 051904	264 052820								
-69	-65.1	255 055403 263 083121 265 132128	257 044604 263 083310 266 094119	258 040600 263 083447 266 094311	258 051915 263 114218 266 145618	258 084737 264 053201 266 145822	259 122222 264 110243 296 055445	259 122430 265 051935 296 055451	261 054222 265 114207 296 055655	262 054338 265 114300 296 055745	
-69	-60.1	255 003341 263 114240	256 003539 264 053224	256 063125 265 051958	257 044627 266 145844	257 080653	258 040623	261 054244	262 051937	262 054400	
-69	-55.2	255 003404 262 054500 266 100322	255 055646 263 083637 266 145939	256 003600 263 114340 266 145944	256 063148 264 053323 296 055928	256 091456 264 110521	257 044726 265 052057	258 040723 265 114436	259 122533 265 132525	261 054344 266 085317	
-69	-50.2	255 003504	256 003700	256 063247	257 080856						
-69	-45.3	255 055750	256 091558	259 122636	263 083741	264 110649	265 115740	266 100426	296 060030		
-69	-40.3	257 080958									
-69	-35.3	255 055856 266 100533	256 091801 266 100558	259 122918 296 060136	263 083846	263 083926	264 110756	264 110815	265 115927	265 115957	
-69	-30.3	257 081138									
-69	-25.3	255 055959 266 100712	256 091904 266 100735	259 123020	263 084043	263 084109	264 110926	264 110945	265 120107	265 120137	
-69	-20.3	257 081320	266 164045								
-69	-15.3	255 060211 264 113401	256 092008 265 120251	259 123356 265 120314	263 084229 266 084753	263 084254 266 084759	264 111105 266 100849	264 111130 266 100910	264 111140	264 113351	
-69	-10.5	257 081550	265 174624	265 174630	266 165104	266 165111					
-69	-5.6	255 060314 265 120424 265 214747 266 011909 266 042333 266 153239 267 081443	256 092134 265 120454 265 215622 266 012202 266 083246 266 153248 267 091359	259 123500 265 143222 265 215627 266 012207 266 084127 266 153503 267 101516	263 084406 265 143228 265 230710 266 032029 266 084133 266 153508 267 101546	263 084440 265 173510 265 231650 266 033053 266 101020 266 225731 296 060517	264 113549 265 194554 265 231655 266 033058 266 101052 267 021133 296 094232	264 113617 265 194600 266 001504 266 042034 266 141951 267 021328	265 094715 265 200142 266 001757 266 042043 266 142215 267 062013	265 094722 265 203429 266 001802 266 042328 266 142220 267 064659	
-69	0.7	257 081654	266 153339	266 153343	266 164451	266 164458					
-69	4.3	255 060417 267 091551	256 092237 267 101912	259 123603 296 060625	263 085309 296 094421	264 113933	265 120828	266 105155	267 064839	267 081732	
-69	9.3	257 081846									
-69	14.4	267 064942	267 081834	267 091655	296 060728	296 094549					
-69	29.2	265 142356	265 142427								
-66	-70.1	257 044518 290 065428	258 040515 290 070246	261 054135	262 054253	263 114132	264 053116	265 051849	265 132042	266 145735	
-66	-65.1	255 003256 264 052731	256 003452 265 131924	256 063040 266 145817	257 043822	258 035921	258 035930	261 053206	262 051619	263 110005	
-66	-60.1	255 001610 261 052847 265 114431	255 001835 261 052947 265 132154	255 055643 261 054248 266 082937	256 002404 262 054405 266 100319	256 062854 263 083633 266 142511	256 091402 263 114245 266 145849	257 044631 264 053228 296 055923	258 040628 264 110516	259 122529 265 052002	
-66	-55.2	255 003409 261 053202 265 132520	256 003605 261 054339 266 145934	256 062625 262 054455	256 063152 263 110000	257 043818 263 114335	257 044722 264 052726	257 080851 264 053318	258 035925 265 052053	258 040718 265 131920	
-66	-50.2	255 001831 258 040741 265 052115	255 003459 259 122632 265 114535	255 055745 261 054402 265 115713	256 002359 262 054518 265 132543	256 003656 263 083736 266 100421	256 062849 263 114358 266 150001	256 063243 264 053341 296 060026	256 091504 264 110620	257 044744 264 110637	
-66	-45.3	255 003522	256 003718	256 063305	257 080953						
-66	-40.3	255 055851	256 091607	259 122912	263 083841	264 110751	265 115922	266 100528	296 060132		
-66	-35.3	257 081133									
-66	-30.3	255 055954	256 091811	259 123015	263 084038	264 110921	265 120102	266 100706	296 060230	296 060235	
-66	-25.3	257 081315									
-66	-20.3	255 060145 265 193300 266 141944	256 091914 265 193339 266 153233	259 123119 265 200108	259 123211 265 230631	263 084222 266 001456	264 111056 266 011900	265 093945 266 031857	265 120242 266 042026	265 173431 266 100840	
-66	-15.3	257 081503	266 142359	266 142404	266 153647	266 153651	266 165637	266 165643			
-66	-10.5	255 060309	256 092040	259 123455	263 084402	264 113544	265 094749	265 094755	265 120419	265 143307	

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)								
		265 143314	265 174719	265 174725	265 194658	265 194704	265 215703	265 215708	265 231736	265 231741
		266 001812	266 001818	266 012216	266 012222	266 033146	266 033150	266 042343	266 042349	266 084225
		266 084231	266 084318	266 101015	266 142228	266 142233	266 153516	266 153521	266 165155	296 060432
-66	-5.6	257 081649	266 021730	266 022023	266 031609	266 142202	266 142207	266 153450	266 153455	266 164923
		266 164929	267 021411	267 021623	267 024150	267 024259	267 031114	267 031240	267 034018	267 034138
		267 041106	267 041228	267 044027	267 044119	267 050950	267 051052	267 053642	267 053804	267 093124
		267 093321	267 093332	267 095727	267 103104	267 103233	267 103240	267 103439	267 103445	267 103649
		267 103655	267 103831	267 103835	267 104147	267 104153	267 104314	267 104320	267 104411	267 104415
		267 104544	267 104550	267 104727	267 104733	267 104857	267 104903	267 105025	267 105031	267 105229
		267 105235	267 105340	267 105345	267 105613	267 105652	267 105658	296 094225		
-66	0.7	255 060413	256 092143	259 123559	263 085305	264 113929	265 094321	265 094327	265 120824	265 142753
		265 142758	265 173933	265 173939	265 193954	265 194000	265 215143	265 215149	265 231200	265 231206
		266 001617	266 001622	266 012021	266 012026	266 032614	266 032619	266 032700	266 042147	266 042153
		266 083633	266 105150	266 142051	266 164548	267 064831	267 081724	267 091542	267 101903	296 060616
		296 094411	349 053925							
-66	4.3	257 081841	349 053820							
-66	9.3	256 092246	267 064937	267 081830	267 091650	296 060724	296 094544			
-66	24.3	265 093917								
-63	-70.1	266 145740								
-63	-65.1	255 055549	257 044600	258 040556	259 122435	261 054217	262 054334	263 083539	263 114213	264 053156
		264 110422	265 051931	265 114338	265 132123	266 094410	296 055828			
-63	-60.1	255 003338	255 054522	256 003534	256 063120	257 080757	259 144213	259 144545	259 144702	259 144946
		259 144958	259 145047	259 145057	259 145108	259 145222	259 145233	259 145244	259 145412	259 145424
		259 145434	259 150338	259 150413	266 052954	266 053005	266 141616	266 141916	266 142507	266 142528
		266 145053	266 145854	266 152109	266 153754	266 153759	266 153816	266 163544	296 055004	
-63	-55.2	254 022433	254 023115	255 001519	255 055651	256 001830	256 091451	257 044717	258 040713	259 122537
		261 052942	261 054334	262 054451	263 083642	263 114331	264 053315	264 110526	265 052048	265 114440
		265 132516	266 100327	266 145613	266 145930	296 055931				
-63	-50.2	255 003454	256 003651	256 062620	256 063238	257 080859	266 150006			
-63	-45.3	255 055755	256 091554	259 122640	263 083745	264 110654	265 115745	266 100431	296 060035	
-63	-40.3	254 022253	257 081002							
-63	-35.3	255 055900	256 091756	259 122921	263 083945	264 110827	265 120008	266 100612	296 060141	
-63	-30.3	257 081143								
-63	-25.3	255 060004	256 091901	259 123025	263 084127	264 111003	265 120148	266 100747		
-63	-20.3	254 022033	257 081325	266 021723	266 031601	266 142412	266 142418	266 153701	266 153706	266 165725
		266 165732								
-63	-15.3	255 060215	256 092004	259 123401	263 084307	264 113450	265 095450	265 095456	265 120325	265 143757
		265 143803	265 175618	265 175624	265 195252	265 195258	265 220148	265 220152	265 232228	265 232233
		266 001956	266 002001	266 012400	266 012405	266 033633	266 033639	266 042526	266 042532	266 100921
-63	-10.5	257 081555	265 095126	265 101425	265 101500	265 101506	265 101511	265 101515	265 101520	265 101525
		265 101530	265 101535	265 101541	265 101546	265 101550	265 174517	265 174523	265 215742	265 231817
		266 022039	266 022043	266 142242	266 142246	266 165149	296 054447	296 054542	296 054841	
-63	-5.6	255 060319	256 092129	259 123505	263 084500	264 113631	265 094643	265 094649	265 101647	265 101710
		265 101715	265 101720	265 101726	265 101731	265 101735	265 101740	265 101745	265 101750	265 101755
		265 101801	265 120508	265 143143	265 143149	265 194508	265 194514	265 215536	265 215540	265 231559
		265 231604	266 001742	266 001748	266 012146	266 012152	266 033009	266 033015	266 042313	266 042319
		266 084042	266 084048	266 101101	266 222853	266 222941	266 223411	266 232523	266 223633	266 223958
		266 224756	266 230224	266 234151	267 011254	267 011311	267 014357	267 014542	267 020923	267 021100
		267 024114	267 024320	267 031042	267 031322	267 033949	267 034159	267 041044	267 041254	267 044001
		267 044012	267 044134	267 050928	267 051118	267 053615	267 053824	267 061351	267 061401	267 061928
		267 061939	267 061951	267 062001	267 062323	267 062424	267 062607	267 062651	267 064736	267 081629
		267 091449	267 101809	296 054049	296 054055	296 054101	296 054107	296 054113	296 054120	296 054125
		296 054131	296 054137	296 054143	296 054149	296 054154	296 054201	296 054207	296 054213	296 054219
		296 054225	296 054231	296 054236	296 054242	296 060522	296 070426	296 070537	296 070732	296 070738
		296 070914	296 070920	296 093951	296 093957	296 094100	296 094106	296 094151	296 094157	296 094316
-63	0.7	257 081659	265 101911	265 101949	265 102009	265 102013	265 102018	265 102024	265 102029	265 102034
		265 102039	265 102044	265 102048	265 142848	266 021843	266 021849	266 083716	266 083722	266 142104
		266 142109	266 153352	266 153358	266 164555					
-63	4.3	255 060421	256 092232	259 123607	263 085314	264 113938	265 120833	266 105200	267 064844	267 081736
		267 091556	267 101916	296 060630	296 094426					
-63	9.3	257 081851								
-63	14.4	267 064946	267 081839	267 091659	296 060732	296 094552				
-60	-70.1	257 044522	258 040519	261 054140	262 054256	263 114136	264 053120	265 051854	265 132047	290 053133
		290 065239								
-60	-65.1	255 003301	256 003457	256 063043	265 163851	266 053134	266 145813	266 165755	266 165801	290 025413

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT) 290 025915 290 065122	TIME (GMT) 290 025955	TIME (GMT) 290 030022	TIME (GMT) 290 030049	TIME (GMT) 290 030113	TIME (GMT) 290 030142	TIME (GMT) 290 064901	TIME (GMT) 290 065002	TIME (GMT) 290 065019
-60	-60.1	255 000737 257 011306 257 034839 258 012249 258 031243 258 031655 259 015703 259 043831 259 150145 260 033359 260 033640 261 042708 261 042945 262 035904 262 050111 263 040750 263 044854 263 083629 263 170839 263 171515 264 035920 264 043947 264 132328 265 022007 265 093758 265 144119 265 180511 265 200954 266 002122 266 012548 266 055340 266 085200 289 061002 289 063819	255 000941 257 011312 257 034850 258 012504 258 031254 258 031706 259 043625 259 043921 260 022815 260 033408 260 033648 261 042714 261 042954 262 045919 262 050200 263 044659 263 044943 263 114250 263 170938 263 171623 264 040046 264 044029 264 132357 265 071714 265 095744 265 144216 265 182926 265 220518 266 002146 266 033955 266 055432 266 085206 289 061240 290 025250	255 001225 257 034545 257 034932 258 012510 258 031305 258 031716 259 043636 259 043932 260 022926 260 033426 261 024941 261 042723 261 043002 262 045929 262 050209 263 044712 263 044951 263 120146 263 171031 263 171719 264 040054 264 044037 264 132531 265 071834 265 095750 265 163635 265 183036 265 220523 266 002602 266 034000 266 055531 266 094459 289 061345 296 055919	255 055638 257 034556 257 034944 258 012516 258 031440 258 040632 259 043647 259 043942 260 023030 260 033433 261 025103 261 042739 261 052853 262 045937 262 050217 263 044720 263 045000 263 133038 263 171129 263 171807 264 040103 264 044046 264 132543 265 071842 265 100225 265 163944 265 183042 265 220523 266 003247 266 034051 266 055322 266 095506 289 061406 349 022827	256 012730 257 034607 257 034955 258 012522 258 031450 258 095408 259 043708 259 122524 260 023039 260 033441 261 025412 261 042748 261 054250 262 045954 262 054410 263 044738 263 045139 263 133501 263 171211 263 171925 264 043850 264 044136 264 174816 265 071850 265 114427 265 164040 265 183258 265 232733 266 003400 266 040328 266 055424 266 100255 289 061427 349 040923	256 013401 257 034732 257 044635 258 012528 258 031502 259 015153 259 043719 259 145648 260 023047 260 033524 261 025510 261 042756 262 035628 262 050002 263 040308 263 044745 263 045239 263 133515 263 171256 263 172130 264 043905 264 044145 264 174823 265 075522 265 132159 265 173155 265 183304 265 232739 266 003542 266 041925 266 055424 266 221956 289 061554 349 041111	256 091405 257 011131 257 034743 258 012043 258 012718 258 031545 259 015540 259 043730 259 145758 260 033303 260 033533 261 025632 261 042838 262 035752 262 050011 263 040354 263 044754 263 045330 263 165741 263 171329 263 172212 264 043913 264 044153 264 174928 265 075532 265 142133 265 180101 265 193039 265 232839 266 011818 266 042648 266 055432 266 222212 289 061615 349 041215	257 011131 257 034753 258 012204 258 012724 258 031556 259 015632 259 043809 259 150123 260 033314 260 033541 261 025640 261 042847 262 035847 262 050053 263 040733 263 044837 263 045340 263 170121 263 171404 263 172302 264 043930 264 053233 265 021145 265 093624 265 142211 265 180107 265 200658 266 001405 266 012522 266 042654 266 074403 266 222459 289 061636 349 041551	257 011300 257 034828 258 012248 258 012730 258 031608 259 015657 259 043821 259 150124 260 033325 260 033631 261 025648 261 042856 262 035856 262 050102 263 040741 263 044845 263 045345 263 170543 263 171441 263 174246 264 043939 264 110513 265 021150 265 093721 265 144114 265 180242 265 200704 266 002117 266 012528 266 042714 266 075446 289 060805 289 061757
-60	-55.2	254 022714 256 063156 261 054330 349 025435	254 022934 257 044713 262 035530 349 025810	255 000326 257 080846 262 054447 349 025934	255 003414 258 011617 263 102532	256 003610 258 011818 263 114327	256 013624 258 011955 264 053310	256 062249 258 040709 265 052043	256 062334 259 015259 265 132512	256 062535 259 015450 266 145926
-60	-50.2	255 003451 262 054523 296 060022	255 055741 263 083731	256 003647 263 114402	256 063234 264 053346	256 091509 264 110616	257 044748 265 052120	258 040745 265 114530	259 122627 265 132548	261 054406 266 100417
-60	-45.3	255 003527	256 003723	256 012635	256 063310	257 080949	261 070853	265 182726	266 003117	266 040249
-60	-40.3	255 055846	256 091612	259 122908	263 083838	264 110746	265 115918	266 100523	296 060127	
-60	-35.3	257 081129								
-60	-30.3	255 055949	256 091815	259 123010	263 084034	264 110916	265 120058	266 100702		
-60	-25.3	257 081310								
-60	-20.3	255 060141 265 143849 266 002011 266 084855	256 091919 265 175718 266 002017 266 100836	259 123114 265 175724 266 012417	263 084217 265 195353 266 012422	264 111053 265 195400 266 033717	265 095527 265 220233 266 033723	265 095533 265 220238 266 042543	265 120238 265 232426 266 042548	265 143843 265 232432 266 084849
-60	-15.3	257 081459	266 022222	266 022228	266 084710	266 153634	266 153638	266 165554	266 165601	
-60	-10.5	255 060304 258 013030 260 023112 263 040815 265 071924 265 194809 266 042358	256 092045 258 013036 260 023121 263 040823 265 071933 265 215746 266 042403	257 011447 258 013117 260 023129 263 040832 265 095132 265 231822 266 065458	257 011453 258 013123 261 025714 263 084357 265 120414 266 001827 266 065507	257 011459 258 013129 261 025722 264 040128 265 143357 266 018322 266 065515	258 012824 259 015835 261 025731 264 040137 265 143403 266 012232 266 084312	258 012830 259 015841 262 035931 264 040145 265 174831 266 012236 266 101010	258 012836 259 015847 262 035939 264 011818 265 174837 266 033226 266 153529	258 013024 259 123451 262 035948 265 071916 265 194803 266 033232 266 153534
-60	-5.6	257 081644	266 022014	266 153435	266 153439	266 164801	266 164807			
-60	0.7	255 060408 265 120740 265 231248 266 105104	256 092147 265 120813 265 231253 266 105139	259 123554 265 142842 266 001634 267 064826	263 084742 265 174119 266 001638 267 081719	263 085252 265 174125 266 012038 267 091537	264 113853 265 194054 266 012043 267 101858	264 113917 265 194100 266 032704 296 060612	265 094402 265 215236 266 042204 296 094406	265 094408 265 215240 266 042209
-60	4.3	257 081837	266 153327	266 153332	266 164410	266 164417	349 025658			
-60	9.3	256 092250	267 064932	267 081825	267 091646	296 060719	296 094535	296 094540		
-57	-65.1	255 055553 264 110427 349 022722	257 044555 265 051926	258 040552 265 114341	259 122438 265 132119	261 054212 266 094414	262 054329 266 145502	263 083544 296 055833	263 114209 349 022420	264 053153 349 022441
-57	-60.1	254 052953 256 013955	254 065502 256 014040	254 234037 256 014044	254 235303 256 014049	255 003333 256 014245	256 003529 256 014250	256 013911 256 014256	256 013946 256 014331	256 013951 256 014335

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)									
		256 014340	256 014433	256 014438	256 014442	256 014534	256 025150	256 063116	256 081137	256 081519	
		256 090435	256 090441	257 010505	257 010529	257 010736	257 075921	257 080022	257 080205	257 080334	
		257 080345	257 080425	257 080800	258 034212	258 034448	258 034458	258 034509	258 034538	258 034548	
		258 034559	258 034617	258 034628	258 034639	258 034711	258 034722	258 034734	258 034809	258 034826	
		258 034845	258 034856	258 034907	258 034935	258 034946	258 034958	258 035014	258 035024	258 035035	
		258 035109	258 035119	258 035130	258 035207	258 035222	258 035311	259 044047	259 044150	259 044337	
		259 044435	259 044446	259 044458	259 044535	259 044546	259 044555	259 044644	259 044655	259 044706	
		259 044746	259 044757	259 044808	259 044826	259 150847	259 150947	259 150958	259 151009	259 151336	
		259 151347	259 151359	259 151510	259 151521	259 151533	259 151655	259 151706	259 151717	260 022511	
		260 022543	260 022615	261 065402	262 050514	262 050713	262 050804	262 050827	263 105545	263 105721	
		264 051755	264 052241	264 132747	264 132758	264 174553	264 181125	265 021021	265 022940	265 043935	
		265 044029	265 132317	266 021642	266 022343	266 022349	266 022409	266 031339	266 064705	266 064752	
		266 074550	266 074601	266 074633	266 074644	266 074853	266 074904	266 075008	266 075014	266 075129	
		266 075134	266 075254	266 075259	266 094740	266 094751	266 094833	266 094838	266 094933	266 094943	
		266 095005	266 095016	266 095111	266 095121	266 095221	266 095249	266 095258	266 095339	266 095349	
		266 095410	266 095420	266 095516	266 095610	266 095913	266 095924	266 100016	266 100027	266 100113	
		266 100213	266 134232	266 151924	349 022203	349 022805					
-57	-55.2	255 001430	255 055656	256 002228	256 013356	256 013805	256 091446	257 044708	258 040705	259 122542	
		261 052938	261 054326	261 065148	261 065311	262 054442	263 083647	263 114322	264 053305	264 110530	
		265 052039	265 114445	265 132507	266 100332	266 145608	266 145921	296 055936	349 030705	349 031328	
		349 040506	349 040736								
-57	-50.2	255 003446	256 003642	256 062615	256 063229	257 080904					
-57	-45.3	254 053916	254 234736	255 055759	256 091549	259 122645	263 083749	264 110658	265 115748	266 100435	
		296 060039									
-57	-40.3	257 081007									
-57	-35.3	255 055904	256 091753	259 122926	263 083949	264 110832	265 120013	266 100617	296 060146		
-57	-30.3	254 053447	254 053856	254 234732	257 081148						
-57	-25.3	255 060007	256 091856	259 123030	263 084132	264 111007	265 120153	266 100751			
-57	-20.3	257 081328	265 072005	265 095554	266 022238	266 022243	266 142429	266 153712	266 153716		
-57	-15.3	254 234728	255 060220	256 091959	257 011539	257 011545	257 011551	257 011624	258 013245	258 013251	
		258 013257	259 015926	259 015932	259 015938	259 123406	260 023138	260 023146	260 023214	260 023228	
		261 025739	261 025747	261 025756	262 035955	262 040038	262 040056	262 040105	263 040840	263 040849	
		263 040857	263 084312	264 040152	264 040201	264 040209	264 113455	265 071940	265 071948	265 071958	
		265 095417	265 095423	265 120329	265 143718	265 143723	265 175534	265 175539	265 195204	265 195211	
		265 220100	265 220104	265 232138	265 232144	266 001940	266 001946	266 012345	266 012351	266 022207	
		266 033551	266 033556	266 042511	266 042517	266 065522	266 065531	266 065540	266 084704	266 100926	
		266 142346	266 142351								
-57	-10.5	257 081600	265 174420	265 174426	266 022053	266 022059	266 142256	266 142301	266 165304	266 165309	
-57	-5.6	255 060322	256 092125	259 123509	263 084504	263 084537	264 113635	264 113701	265 094602	265 094608	
		265 120513	265 120544	265 143051	265 143056	265 194345	265 194351	265 215448	265 215452	265 231507	
		265 231512	266 001723	266 001727	266 012127	266 012133	266 032916	266 032921	266 042254	266 042258	
		266 083947	266 083953	266 101106	266 101158	266 104854	266 142147	266 142152	267 064741	267 081634	
		267 091453	267 101813	296 060527	296 094321						
-57	0.7	254 234630	257 081702	265 173850	265 215101	266 021859	266 021904	266 142119	266 142124	266 153407	
		266 153412	266 164635	266 164642							
-57	4.3	255 060426	256 092228	259 123612	263 085318	264 113943	265 094249	265 094255	265 120837	265 142719	
		265 142725	265 173844	265 193708	265 193714	265 215056	265 231113	265 231117	266 001604	266 001608	
		266 012008	266 012014	266 032535	266 032540	266 042135	266 042140	266 083457	266 083544	266 083550	
		266 105203	266 142038	266 142044	266 164325	267 064848	267 081741	267 091600	267 101921	296 060633	
		296 094430									
-57	9.3	257 081855									
-57	14.4	267 064951	267 081844	267 091704	296 060737	296 094557					
-54	-70.1	257 044527	258 040524	261 051615	261 054145	262 054301	263 114141	263 133020	264 053124	265 051228	
		265 051859	265 132050	265 145220	266 145745	290 070256					
-54	-65.1	255 003304	256 003502	256 063048	257 043446	257 043607	257 043745	257 055604	257 060730	257 061145	
		257 063347	258 032404	258 033459	258 034042	258 035834	258 062533	258 062631	258 062636	258 062640	
		258 062644	258 062649	258 062654	258 062658	258 062702	259 105231	259 105942	259 110325	259 161917	
		261 043319	261 045121	261 050404	261 051430	261 053106	261 071448	261 071905	261 072004	261 072518	
		261 072554	261 073102	262 051414	262 062853	262 062904	262 063843	262 065706	262 070142	263 064710	
		263 071629	263 072011	263 105852	263 113400	263 113406	263 113433	263 113438	263 113453	263 113458	
		263 113529	263 113534	263 113614	263 131320	263 131600	263 131623	263 132405	263 132917	264 044348	
		264 045408	264 045823	264 052615	264 092108	264 092119	264 092722	264 092742	264 094136	264 094227	
		265 044250	265 044424	265 045904	265 050800	265 201414	265 202756	265 203341	266 012840	266 014732	
		266 015347	266 015447	266 053122	266 053237	266 053603	266 053614	266 054651	266 054748	266 055222	
		266 112024	266 113123	266 113158	266 114227	266 145808					
-54	-60.1	254 235801	255 001359	255 001758	255 055633	256 012919	256 013319	256 062708	256 062815	256 091410	
		257 044641	258 040637	258 062712	258 062748	258 062753	258 062756	258 062801	258 062806	258 062811	
		258 062814	258 062819	259 122519	259 151901	259 151911	259 151924	259 151954	259 152005	259 152015	
		259 152116	259 152127	259 152138	259 152250	259 152302	259 152312	259 152427	259 171815	259 172616	
		260 021925	260 022043	260 022231	260 022342	260 022417	261 052934	261 054258	261 064927	261 071021	
		262 050902	262 050913	262 050958	262 051009	262 054416	263 083624	263 114254	264 052434	264 053239	

SURVEYOR 5 TELEVISION PICTURE DATA

501

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT) 264 110508	TIME (GMT) 265 052012	TIME (GMT) 265 114422	TIME (GMT) 265 132440	TIME (GMT) 266 064541	TIME (GMT) 266 064622	TIME (GMT) 266 094454	TIME (GMT) 266 145858	TIME (GMT) 296 055914
-54	-55.2	255 003418 258 062835 259 163442 263 105640 265 132503	256 003615 258 062839 259 163507 263 105955 266 145916	256 062611 258 062844 259 163702 263 114317	256 063202 258 062849 259 164501 264 052721	257 043813 258 062854 261 053157 264 053257	257 044703 258 062857 261 054321 264 053300	257 080841 258 062902 262 051609 265 052035	258 040700 258 062907 262 054437 265 131743	258 062829 259 162400 263 105619 265 131915
-54	-50.2	255 001826 257 055807 258 062946 263 064841 263 112748 264 110611 266 112229	255 003441 258 032547 258 062951 263 083726 263 112826 265 044619 266 150011	255 055737 258 040749 258 062955 263 112613 263 112618 263 131738 265 052124 296 060017	256 002356 258 062915 259 105400 263 112618 263 131738 265 114525	256 003638 258 062924 259 122623 263 112646 264 044616 265 132553	256 062845 258 062928 261 045530 263 112652 264 053350 265 201752	256 063225 258 062933 261 054410 263 112708 264 092300 266 013447	256 091514 258 062937 262 054527 263 112713 264 092949 266 053903	257 044753 258 062942 262 063058 263 112743 264 094346 266 100413
-54	-45.3	255 003530 258 063031	256 003727 258 063034	256 063314 258 063039	257 080945 258 063044	258 063004	258 063013	258 063016	258 063021	258 063026
-54	-40.3	255 055841 258 063128 265 115913	256 091616 258 063132 266 100518	258 063052 259 122903 296 060122	258 063101 259 162626	258 063105 259 163933	258 063110 259 172049	258 063114 263 083833	258 063118 264 110741	258 063123 265 021453
-54	-35.3	257 055802 258 063323 264 044611 266 053900	257 081125 258 063328 264 092256 266 112224	258 032542 258 063332 264 092945	258 063141 258 063336 264 094343	258 063229 259 105356 264 095408	258 063305 261 045525 264 175338	258 063310 262 063053 265 044615	258 063315 263 064836 265 201748	258 063318 263 131735 266 013443
-54	-30.3	255 055945 258 063420	256 091820 258 063425	258 063346 259 123007	258 063353 263 084030	258 063358 264 110911	258 063402 265 120054	258 063407 266 100658	258 063411	258 063416
-54	-25.3	255 085036 258 063508 266 065615	257 081305 258 063513 266 065654	258 063433 259 162622 266 065712	258 063442 259 163930 266 065720	258 063447 259 172044 296 060225	258 063450 264 180116	258 063455 264 180124	258 063500 265 022046	258 063505 265 022051
-54	-20.3	255 060136 258 032537 258 064327 260 023253 263 040904 264 044548 265 095559 265 201744 266 013438 266 065604	256 091924 258 063521 258 064332 261 025803 263 040913 264 092252 265 120233 265 220307 266 033748 266 084921	257 011718 258 064231 259 020013 261 025812 263 040922 264 092940 265 143912 265 220313 266 033754 266 084927	257 011724 258 064301 259 020019 261 025821 263 064832 264 094338 265 143916 265 232518 266 042555 266 100832	257 011730 258 064305 259 020025 261 045521 263 084212 264 095509 265 143950 265 232522 266 042600 266 112221	257 055757 258 064309 259 105352 262 040113 263 131730 264 111048 265 175757 266 002025 266 053811 266 142424	258 013324 258 064314 259 123111 262 040122 264 040218 264 175546 265 175803 266 002029 266 053842	258 013330 258 064319 260 023236 262 040130 264 040226 265 021637 265 195442 266 012429 266 065547	258 013336 258 064320 260 023244 262 063048 264 040234 265 044610 265 195448 266 012434 266 065556
-54	-15.3	257 081454 258 064533	258 064341 258 064537	256 064421 266 022212	258 064506 266 142334	258 064510 266 142339	258 064515 266 153622	258 064519 266 153626	258 064523 266 165517	258 064528 266 165523
-54	-10.5	255 060301 258 064621 265 095207 265 215824 266 033314	256 092048 258 064626 265 095212 265 215828 266 042415	258 064545 259 123447 265 120409 265 231858 266 042420	258 064555 259 162617 265 143440 265 231904 266 084403	258 064558 259 163925 265 143446 266 001844 266 084408	258 064603 259 172041 265 175203 266 001849 266 084447	258 064608 263 084352 265 175209 266 012248 266 101006	258 064613 264 113536 265 194900 266 012253 266 153544	258 064616 265 021808 265 194906 266 033309 266 153548
-54	-5.6	257 055754 258 064822 264 044543 266 021948 266 153423	257 081639 258 064827 264 092247 266 021954 266 153427	258 032534 258 064830 264 092936 266 053806 266 164726	258 064634 258 064835 264 094333 266 083905 266 164732	258 064723 259 105347 264 095602 266 083911	258 064804 261 045517 264 175808 266 112216	258 064809 262 063045 265 044605 266 142000	258 064812 263 064828 265 201739 266 142135	258 064817 263 131725 266 013434 266 142140
-54	0.7	255 060403 258 064924 258 065241 265 142933 266 001652 266 083813	256 092152 258 065100 259 123549 265 174227 266 001656 266 105059	258 064843 258 065140 263 084737 265 174231 266 012056 267 064821	258 064854 258 065151 264 113836 265 194149 266 012101 267 081714	258 064859 258 065200 264 113848 265 194155 266 032746 267 091534	258 064904 258 065209 265 094446 265 215322 266 032751 267 101853	258 064907 258 065218 265 094452 265 215327 266 042221 296 060608	258 064912 258 065226 265 120735 265 231340 266 042227 296 094401	258 064917 258 065233 265 142928 265 231345 266 083807
-54	4.3	257 081833 258 065642 266 153313	258 065504 258 072519 266 153317	258 065545 259 162613 266 164332	258 065553 259 163920	258 065601 259 172036	258 065610 266 021829	258 065618 266 021835	258 065626 266 142025	258 065635 266 142030
-54	9.3	256 092255 264 092242 267 081822	257 055749 264 092932 267 091641	258 032529 264 094328 296 060714	259 105342 265 044601	261 045512 265 201734	262 063040 266 013430	263 064823 266 053803	263 131720 266 112211	264 044539 267 064929
-54	19.4	259 162608	259 163915	259 172031						
-51	-65.1	255 055557 264 110432	257 044550 265 051921	258 040547 265 114346	259 122443 265 132114	261 054208 266 094418	262 054325 296 055838	263 080548	263 114205	264 053148
-51	-60.1	255 003328	256 003525	256 063112	257 080805	266 153204				
-51	-55.2	255 055701 263 114313	256 013352 264 110535	256 091441 265 052030	257 044659 265 114449	258 040655 265 132458	259 122547 266 100337	261 054316 296 055941	262 051614	263 083652
-51	-50.2	255 003436	256 003633	256 063220	257 080909					
-51	-45.3	255 055803	256 091545	259 122650	263 083754	264 110703	265 115753	266 100439	296 060044	

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)
-51	-40.3	257 081012									
-51	-35.3	255 055909	256 091748	259 122931	263 083953	264 110835	265 022519	265 120018	266 100622	296 060149	
-51	-30.3	257 081152	264 095742	264 095812	264 180625	264 180631	265 022513				
-51	-25.3	255 060012 259 020105 262 040141 264 040302	256 091851 259 020111 262 040147 264 111012	257 011814 259 123035 262 040155 265 072033	257 011820 260 023304 263 040932 265 072056	257 011826 260 023409 263 040940 265 072104	258 013401 260 023416 263 040949 265 120157	258 013407 261 030120 263 084136 266 100755	258 013413 261 030127 263 084136 266 100755	259 020059 261 030134 264 040254 266 100755	
-51	-20.3	257 081333	265 072014	265 072022	266 022250	266 022255	266 153225	266 153724	266 153728	266 163959	
-51	-15.3	255 060225 265 143644 266 001927 266 084632	256 091955 265 175425 266 001932 266 100929	259 123411 265 175452 266 012331	263 084316 265 195121 266 012337	264 113459 265 195127 266 033514	265 095348 265 220021 266 033520	265 095354 265 220026 266 042458	265 120333 265 232105 266 042504	265 143640 265 232109 266 084626	
-51	-10.5	257 081604	266 022110	266 022115	266 165345	266 165351					
-51	-5.6	255 060327 265 143016 265 215412 266 012114 267 064746	256 092121 265 143021 265 215416 266 012119 267 081638	259 123513 265 173544 265 230909 266 032107 267 091457	263 084550 265 174330 265 231428 266 032837 267 101817	264 113714 265 174336 265 231434 266 032841 289 062554	265 094531 265 194300 266 001512 266 042239 296 060531	265 094535 265 194306 266 001709 266 042245 296 094325	265 120554 265 200218 266 001714 266 083317	265 142450 265 214817 266 011917 266 104920	
-51	0.7	257 081707	266 021917	266 021923							
-51	4.3	255 060431 265 142625 265 231027 266 105208	256 092223 265 142642 265 231032 267 064852	259 123617 265 173735 266 001547 267 081745	263 085323 265 173741 266 001553 267 091605	264 113948 265 193421 266 011951 267 101926	265 094037 265 193615 266 011957 296 060638	265 094208 265 193621 266 042118 296 094435	265 094214 265 215008 266 042123	265 120842 265 215013 266 083451	
-51	9.3	257 081859									
-51	14.4	267 064955	267 081848	267 091709	296 060741	296 094602					
-51	29.2	257 064622	257 064633	257 064759	257 064810	257 065130	257 065142	257 065219	257 065229		
-48	-70.1	257 044532	258 040528	261 054150	262 054306	263 114146	264 053129	265 051902	265 132055	266 145749	
-48	-65.1	255 003309	256 003505	256 063053	266 145804						
-48	-60.1	255 055628 263 114259	256 013348 264 110503	256 091415 265 052017	257 044645 265 114418	258 040642 265 132445	259 122515 266 094451	261 054303 266 145903	262 054419 296 055909	263 083619	
-48	-55.2	255 003423	256 003620	256 063207	257 080838	266 145913					
-48	-50.2	255 055732 264 053355	256 091518 264 110606	257 044758 265 052129	258 040754 265 052510	259 122618 265 114520	261 054415 265 132556	262 054531 266 100408	263 083723 266 150016	263 114412 296 060012	
-48	-45.3	255 003535	256 003732	256 063319	257 080940						
-48	-40.3	255 055836	256 091620	259 122858	263 083828	264 110736	265 115909	266 100515	289 051603	296 060118	
-48	-35.3	257 081120 265 022607	264 100010 265 022612	264 100015	264 100117	264 100240	264 100246	264 102339	264 180741	264 180747	
-48	-30.3	255 055940 258 013446 261 030141 261 030736 262 040203 264 040317 266 065735	255 084736 258 013452 261 030150 261 030742 262 040233 264 040325 266 065743	255 084741 259 020144 261 030158 261 030748 262 040251 264 095834 266 100653	255 084823 259 020150 261 030402 261 030754 262 040258 264 110908 296 060221	256 091824 259 020156 261 030408 261 030800 263 040955 265 072112	257 011902 259 123002 261 030414 261 030806 263 041003 265 072120	257 011908 260 023424 261 030426 261 030812 263 041012 265 072127	257 011914 260 023432 261 030724 261 030818 263 040425 265 120049	258 013440 260 023439 261 030730 261 033957 264 040309 266 065728	
-48	-25.3	257 081301	264 180225	264 180231	265 022150	265 022154					
-48	-20.3	254 021914 265 142333 265 200028 266 001447 266 042017 266 142436	255 060132 265 143956 265 200444 266 002038 266 042608 266 142440	256 091928 265 173357 265 200450 266 002043 266 042614	259 123106 265 175914 265 214630 266 011852 266 083143	263 084208 265 175920 265 220351 266 012442 266 083213	264 111043 265 193220 265 220356 266 012448 266 085002	265 095623 265 195526 265 230603 266 031520 266 085008	265 095629 265 195532 265 232602 266 033835 266 100827	265 120229 265 195810 265 232607 266 033841 266 141937	
-48	-15.3	257 081449	266 022153	266 022159	266 153610	266 153615	266 165437	266 165443			
-48	-10.5	255 060256 265 143524 266 001857 266 101002	256 092053 265 175250 266 001902 266 142308	259 123442 265 175256 266 012302 266 142312	263 084348 265 194945 266 012308 266 153556	264 113531 265 194951 266 033345 266 153600	265 095238 265 215857 266 033351	265 095244 265 215902 266 042428	265 120406 265 231938 266 042434	265 143518 265 231944 266 084453	
-48	-5.6	257 081636	266 021738	266 021935	266 021941						
-48	0.7	255 060359 266 105048	256 092156 267 064817	259 123545 267 081710	263 084653 267 091529	263 084725 267 101850	264 113813 296 060603	265 120659	265 120723	266 105023	
-48	4.3	257 081828	266 021813	266 021819							

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)								
-48	9.3	256 092259 296 094530	263 085655	264 114222	265 121143	266 105514	267 064924	267 081817	267 091636	296 060710	
-48	29.2	257 064953	257 065004								
-45	-65.1	255 055602 264 110436	257 044546 265 051917	258 040542 265 114351	259 122448 265 132110	261 054204 266 094423	262 054320 296 055842	263 083552	263 114200	264 053143	
-45	-60.1	255 003323	256 003521	256 063107	257 080810	264 053244					
-45	-55.2	255 055706 264 053252	256 091438 264 110539	257 044655 265 052025	258 040651 265 114454	259 122551 265 132453	261 054312 266 100340	262 054429 296 055945	263 083655	263 114309	
-45	-50.2	255 003432	256 003629	256 063216	257 080913						
-45	-45.3	255 055808	256 091540	259 122654	263 083759	264 110707	265 115758	266 100444	296 060049		
-45	-40.3	257 081016									
-45	-35.3	255 055914 258 013615 260 023448 263 041019 265 072136	256 091743 258 013621 260 023456 263 041027 265 072143	257 011950 258 013710 260 023503 263 041036 265 072151	257 011956 258 013716 261 034055 263 083958 265 120023	257 012002 258 013722 261 034102 264 040334 266 065752	258 013518 259 020231 261 034110 264 040341 266 065759	258 013524 259 020237 262 040307 264 040349 266 065807	258 013530 259 020243 262 040314 264 110840 266 100626	258 013609 259 122936 262 040322 265 022430 296 060154	
-45	-30.3	257 081156	264 095839	264 180519	264 180525	265 022424					
-45	-25.3	255 060017	256 091846	259 123038	263 084141	264 111017	265 120201	266 100800			
-45	-20.3	257 081422	266 021714	266 022303	266 022309	266 031410					
-45	-15.3	255 060229 265 143610 266 001919 266 100934	256 091950 265 175344 266 012318 266 142321	259 123415 265 175350 266 012323 266 142327	263 084321 265 195039 266 033435	264 113504 265 195045 266 033443	265 095317 265 215942 266 042445	265 095323 265 232026 266 042449	265 120338 265 232031 266 084539	265 143603 266 001914 266 084545	
-45	-10.5	257 081608	266 022123	266 022129							
-45	-5.6	255 060332 266 104925	256 092116 266 104950	259 123518 267 064750	263 084555 267 081643	263 084618 267 091501	264 113719 267 101822	264 113739 296 060536	265 120559 296 094330	265 120625	
-45	0.7	257 081712									
-45	4.3	255 060435 265 100709 265 100754 266 105213 296 094439	256 092219 265 100714 265 100759 266 105247	259 123621 265 100719 265 100804 267 064856	263 085327 265 100724 265 100808 267 081749	263 085402 265 100729 265 100813 267 091610	264 113951 265 100733 265 100819 267 101930	264 114015 265 100738 265 100824 267 101949	265 100522 265 100744 265 120846 267 102019	265 100637 265 100749 265 120919 296 060643	
-45	9.3	257 081904 265 101037	265 100924 265 101042	265 101002 265 101046	265 101007 265 101051	265 101011 265 101056	265 101016	265 101021	265 101026	265 101031	
-45	14.4	256 101734 266 105535	264 114246 267 065000	265 101210 267 081853	265 101231 267 091738	265 101236 296 060746	265 101241 296 094606	265 101246	265 101251	265 121205	
-42	-70.1	257 044536	258 040532	261 054153	262 054311	263 114149	264 053134	265 051907	265 132100	266 145754	
-42	-65.1	255 003314	256 003510	256 063058	262 054315						
-42	-60.1	255 055625 264 053247	256 091420 264 110458	257 044650 265 052022	258 040647 265 114413	259 122511 265 132449	261 054308 266 094446	262 054424 266 145908	263 083615 296 055905	263 114304	
-42	-55.2	255 003428	256 003624	256 063211	257 080833						
-42	-50.2	255 055727	256 091522	259 122613	263 083718	264 110602	265 114517	266 100403	296 060008		
-42	-45.3	257 080935									
-42	-40.3	255 055833 259 020319 262 040329 264 040412 266 100510	256 091625 259 020325 262 040338 264 110733 294 073305	257 012038 259 122854 262 040346 265 072159 296 060113	257 012044 260 023512 263 041043 265 072207	257 012050 260 023519 263 041050 265 072215	258 013820 260 023527 263 041059 265 115904	258 013826 261 034118 263 083823 266 065814	258 013832 261 034126 264 040356 266 065823	259 020313 261 034134 264 040405 266 065831	
-42	-35.3	257 081115	264 095940	264 095945	264 180838	264 180844	265 022651	265 022657			
-42	-30.3	255 055936	256 091829	259 122957	263 084020	264 110903	265 120044	266 100648	296 060217		
-42	-25.3	257 081257	264 180324	264 180330	265 022235	265 022240					
-42	-20.3	255 060127	256 091932	259 123101	263 084204	264 111038	265 120224	266 100822			
-42	-15.3	257 081445	266 022140	266 022146							
-42	-10.5	255 060251	256 092058	259 123437	259 163901	263 084344	264 113526	265 120401	266 100957		
-42	-5.6	257 081631									
-42	0.7	255 060355	256 092201	259 123541	263 084648	264 113809	265 120654	266 105018	267 064812	267 081705	

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)								
		267 091525	267 101845	296 060558	296 094352						
-42	4.3	257 081823	259 163906								
-42	9.3	256 092303 296 094526	263 085632	264 114205	265 121126	266 105455	267 064919	267 081812	267 091632	296 060705	
-42	14.4	255 071925									
-42	19.4	256 101812	257 063633	257 063740	257 063833	257 063844	257 064009	257 064020	257 064457	257 064508	
-42	29.2	294 073525									
-39	-65.1	255 055607 265 051913	257 044542 265 114355	258 040538 265 132105	259 122453 266 094428	261 054159 266 145759	263 083557 296 055847	263 114155	264 053138	264 110440	
-39	-60.1	254 065440	254 235259	255 003319	256 003516	256 063102	256 080933	257 080815			
-39	-55.2	255 055709	256 091433	259 122555	263 083700	264 110544	265 114459	266 100345	296 055950		
-39	-50.2	257 080917									
-39	-45.3	254 053933 258 013934 260 023545 263 041117 265 072241	254 234742 258 014121 260 023553 263 041125 265 115802	255 055813 258 014127 261 034143 263 083803 266 065841	256 091536 258 014133 261 034152 264 040422 266 065849	257 012123 259 020353 261 034200 264 040439 266 065856	257 012129 259 020359 262 040355 264 040439 266 100448	257 012135 259 020405 262 040403 264 110712 296 060053	258 013922 259 122658 262 040412 265 072224	258 013928 260 023537 263 041108 265 072232	
-39	-40.3	255 084407	255 084412	255 084441	257 081020	294 072914					
-39	-35.3	255 055918 296 060159	256 091738	259 122939	263 084002	264 110845	265 022334	265 022339	265 120026	266 100630	
-39	-30.3	254 053950	254 234747	257 081201	264 095904	264 095910	264 180427	264 180433			
-39	-25.3	255 060022	256 091842	259 123043	263 084146	264 111020	265 120206	266 100804			
-39	-20.3	257 081427									
-39	-15.3	254 054004	254 234751	255 060233	256 091946	259 123419	263 084325	264 113508	265 120343	266 100939	
-39	-10.5	257 081613									
-39	-5.6	255 060337 267 081648	256 092111 267 091506	259 123523 267 101827	263 084630 296 060541	264 113751 296 094335	265 120636	266 105000	267 064754	267 064758	
-39	0.7	254 054101	254 234755	257 081717							
-39	4.3	255 060439 267 091614	256 092214 267 102025	259 123626 294 072637	263 085415 296 060647	264 114026 296 094443	265 120930	266 105258	267 064901	267 081754	
-39	9.3	257 081909	294 072532								
-39	14.4	254 054116 267 091742	254 234800 296 060751	256 101700 296 094611	263 085725	264 114304	265 121222	266 105552	267 065005	267 081858	
-39	19.4	255 072028	257 064221	257 064232							
-36	-65.1	257 060724 259 060332 263 113127 263 132401 266 113119	258 033455 259 060337 263 113132 264 045402 296 055900	259 055853 259 060342 263 113200 264 092717	259 055934 259 060346 263 113205 264 094130	259 060026 259 060350 263 113221 264 094737	259 060222 259 105938 263 113226 265 045858	259 060319 261 050359 263 113254 265 202751	259 060324 262 063837 263 113259 266 014726	259 060328 263 071624 263 113338 266 054645	
-36	-60.1	255 055620 259 060435	256 091423 259 060440	259 060400 259 122506	259 060408 259 172610	259 060413 263 083611	259 060417 264 110455	259 060422 265 114409	259 060426 266 094441	259 060431	
-36	-55.2	257 080828 259 061214 259 061846	259 060449 259 061219 259 061851	259 060456 259 061224 259 061855	259 060501 259 061228 259 061859	259 060813 259 061232 259 061904	259 060931 259 061758 259 163437	259 061201 259 061833 259 164455	259 061206 259 061837	259 061210 259 061841	
-36	-50.2	255 055723 259 061953 261 045536 263 112949 264 110557	256 091527 259 061958 262 063103 263 113020 265 044624	257 055812 259 062003 263 064847 263 113024 265 114512	258 032552 259 062006 263 083713 263 113104 265 201758	259 061242 259 062011 263 112851 263 131744 266 013453	259 061448 259 062016 263 112855 264 044621 266 053909	259 061607 259 062021 263 112924 264 092306 266 100400	259 061914 259 105406 263 112929 264 092955 266 112235	259 061948 259 122609 263 112945 264 094352 296 060003	
-36	-45.3	257 080931 259 062147	259 062030	259 062116	259 062120	259 062124	259 062129	259 062134	259 062137	259 062142	
-36	-40.3	255 055828 259 062309 265 115859	256 091630 259 062312 266 100505	259 062155 259 122850 296 060108	259 062241 259 162631	259 062246 259 163939	259 062251 259 172055	259 062254 263 083819	259 062259 264 110728	259 062304 265 021409	
-36	-35.3	257 055816 259 062502 264 044626 264 102454 266 013457	257 081111 259 062507 264 092310 264 102504 266 053914	258 032556 259 062512 264 093000 264 175228 266 112240	259 062322 259 062517 264 094357 264 180930	259 062419 259 105411 264 094939 264 180936	259 062444 261 045541 264 094951 265 022739	259 062449 262 063108 264 095309 265 022745	259 062454 263 064851 264 102409 265 044629	259 062459 263 131749 264 102419 265 201803	

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)
-36	-30.3	255 055931 259 062638	256 091833 259 062642	259 062550 259 122954	259 062611 263 084016	259 062616 264 110858	259 062620 265 120040	259 062624 266 100644	259 062629 296 060213	259 062634	
-36	-25.3	257 081252 259 062917	259 062652 259 162636	259 062845 259 163944	259 062850 259 172059	259 062855	259 062859	259 062903	259 062908	259 062913	
-36	-20.3	255 060123 259 063010 263 084159 265 021718	256 091937 259 063014 263 131753 265 044634	257 055821 259 063019 264 044630 265 120220	258 032601 259 063024 264 092315 265 201808	259 062925 259 105414 264 093005 266 013502	259 062952 259 123056 264 094401 266 053918	259 062956 261 045544 264 095531 266 100818	259 063001 262 063112 264 111035 266 112244	259 063006 263 064856 264 175720	
-36	-15.3	257 081440 259 063258	259 063032 259 063303	259 063151	259 063232	259 063235	259 063240	259 063245	259 063250	259 063253	
-36	-10.5	255 060246 259 063359 259 063706 266 100952	256 092103 259 063404 259 063711	259 063311 259 063559 259 123433	259 063333 259 063640 259 162641	259 063336 259 063643 259 163948	259 063341 259 063645 259 172103	259 063346 259 063653 263 084339	259 063351 259 063658 264 113521	259 063354 259 063701 265 120356	
-36	-5.6	257 055826 259 063759 264 044813	257 081626 259 063804 264 092320	258 032606 259 063808 264 093008	259 063412 259 063813 264 094406	259 063719 259 105419 265 044637	259 063741 261 045549 265 201811	259 063746 262 063117 266 013507	259 063750 263 064900 266 053922	259 063755 263 131758 266 112248	
-36	0.7	255 060350 259 063957 267 081702	256 092205 259 064002 267 091520	259 063822 259 064007 267 101841	259 063906 259 123536 296 060554	259 063936 263 084644 296 094349	259 063939 264 113804	259 063944 265 120650	259 063949 266 105014	259 063954 267 064808	
-36	4.3	257 081819 259 065315 259 163953	259 064015 259 065444 259 172108	259 064103 259 065455	259 065248 259 065504	259 065253 259 065518	259 065257 259 065528	259 065301 259 065538	259 065306 259 065549	259 065311 259 162646	
-36	9.3	256 092308 259 065809 263 064904 265 121054 296 060700	257 055829 259 065820 263 085556 265 201816 296 094521	258 032610 259 065829 263 131802 266 013511	259 065615 259 065906 264 044817 266 053927	259 065720 259 065917 264 092324 266 105424	259 065729 259 065927 264 093013 266 112253	259 065739 259 105424 264 094410 267 064915	259 065748 261 045553 264 114138 267 081808	259 065759 262 063121 265 044642 267 091628	
-36	14.4	255 071842	259 070100	259 070144	259 070154	259 070205	259 070214	259 070224	259 070235		
-36	19.4	256 101836	259 162649	259 163958	259 172113	267 081910	267 091756	296 060803	296 094625		
-33	-65.1	255 055610	259 122457	263 083601	264 110445	265 114359	266 094431	296 055852			
-33	-60.1	257 080818									
-33	-55.2	255 055714	256 091428	259 122600	263 083705	264 110548	265 114502	266 100350	296 055955		
-33	-50.2	257 080922									
-33	-45.3	255 055817 265 115840	255 084218 266 100453	255 084306 296 060057	255 084311	256 091531	259 122703	263 083807	264 110716	265 115806	
-33	-40.3	257 081025									
-33	-35.3	255 055922	256 091735	259 122944	263 084007	264 110850	265 120031	266 100635	296 060203		
-33	-30.3	257 081206									
-33	-25.3	255 060026	255 060101	256 091838	259 123048	263 084150	264 111025	265 120211	266 100809		
-33	-20.3	257 081432									
-33	-15.3	255 060238	256 091941	259 123424	263 084330	264 113513	265 120348	266 100944			
-33	-10.5	257 081618									
-33	-5.6	255 060341 267 091511	256 092106 267 101831	259 123527 296 060544	263 084635 296 094339	264 113755	265 120641	266 105005	267 064803	267 081652	
-33	0.7	257 081810									
-33	4.3	255 060444 266 105303	256 092210 266 105324	259 123630 267 064906	263 085420 267 081758	263 085451 267 091619	264 114031 296 060652	264 114049 296 094448	265 120935	265 120955	
-33	9.3	257 081912									
-33	14.4	256 101629 267 091747	263 085750 296 060755	264 114320 296 094616	265 121238	266 105611	266 111232	267 065008	267 081901	267 082424	
-33	19.4	255 072105									
-30	-60.1	255 055615 296 055856	256 080710	256 092339	256 092407	259 122501	263 083606	264 110450	265 114404	266 094436	
-30	-55.2	257 080823									
-30	-50.2	255 055719 259 020447	256 092452 259 020452	257 012222 259 122605	257 012228 260 023606	257 012234 260 023630	258 014206 260 023638	258 014212 261 034213	258 014218 261 034221	259 020441 261 034230	

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)								
		262 040425	262 040431	262 040439	263 041137	263 041149	263 041158	263 083710	264 040452	264 040503
		264 040511	264 110553	265 072254	265 072313	265 072322	265 114507	266 065909	266 065928	266 065937
		266 100355	296 055958							
-30	-45.3	257 080927								
-30	-40.3	255 055823	256 092538	259 122845	263 083815	264 110723	265 115855	266 100500	296 060104	
-30	-35.3	257 081107								
-30	-30.3	255 055927	256 101016	259 122949	263 084012	264 110853	265 120036	266 100640	296 060208	
-30	-25.3	257 081248								
-30	-20.3	255 060118	256 101100	259 123053	263 084154	264 111030	265 120215	266 100813		
-30	-15.3	257 081436								
-30	-10.5	255 060243	256 101146	259 123429	263 084334	264 113517	265 120351	266 100948		
-30	-5.6	257 081622								
-30	0.7	255 060345	256 101344	259 123531	263 084640	264 113759	265 120645	266 105009	267 081657	267 091515
		267 101836	296 060549	296 094344						
-30	4.3	257 081815								
-30	9.3	256 101430	263 085513	264 114111	265 121019	266 105346	267 064910	267 081803	267 091624	296 060657
		296 094517								
-30	19.4	256 101903	264 115939	265 123823	266 111624	267 065013	267 081906	267 082457	267 091752	296 094620
-30	29.2	349 040355								
-27	-65.1	255 060516	255 060607	255 060631	259 123702	259 124103	259 124437	263 085914	263 090015	263 090122
		263 090155	264 114534	264 114547	264 114622	265 121335	265 121404	266 105724	266 105827	266 105852
		296 060916								
-27	-60.1	257 081945	257 082043							
-27	-55.2	255 060717	256 092447	259 124522	263 090241	264 114707	265 121448	266 105937		
-27	-50.2	257 082128	266 065943	266 065952	266 070001					
-27	-45.3	255 060802	256 092533	259 124607	263 090326	264 114751	265 121534	266 110021		
-27	-40.3	257 082308								
-27	-35.3	255 060943	256 092617	256 100700	259 124806	263 090415	263 090442	264 114838	264 114859	265 121620
		265 121656	266 110110	266 110134						
-27	-30.3	257 082355								
-27	-25.3	255 061027	256 101055	259 124851	263 090536	263 090600	264 114952	264 115011	265 122443	265 122504
		266 110225	266 110247							
-27	-20.3	254 021753	257 082523							
-27	-15.3	255 061113	256 101141	259 124937	263 090653	263 090716	264 115105	264 115128	265 122556	265 122619
		266 110339	266 110359							
-27	-10.5	257 082608								
-27	-5.6	255 070027	256 101339	259 125137	263 090812	263 090839	264 115228	264 115246	265 122714	265 122736
		266 110454	266 110519							
-27	0.7	257 083017								
-27	4.3	255 070111	256 101425	259 125221	263 090932	264 115338	265 122830	266 110953	267 065057	267 081959
		267 091837	296 061359	296 094715	296 094813					
-27	9.3	257 083103	265 092719	265 092805	265 092811	265 092817	265 092825	265 092831	265 092838	265 092845
		265 092852	265 092858	289 052155	296 061302					
-27	14.4	256 101510	259 125307	263 091159	263 091225	264 115553	264 115616	265 092938	265 093000	265 093007
		265 093014	265 093022	265 093029	265 093036	265 093043	265 093051	265 093057	265 093105	265 093111
		265 123041	265 123103	266 111257	267 065237	267 065518	267 082132	267 082532	267 091958	296 061506
		296 094857								
-27	19.4	255 072141	257 083237	265 093159	265 093221	265 093226	265 093232	265 093237	265 093243	265 093247
		265 093254	265 093300	265 093306	296 094942					
-27	24.3	267 065716	267 082818	267 092126						
-24	-60.1	255 060712	256 092412	259 124518	263 090236	264 114702	265 121445	266 105932		
-24	-55.2	257 082124								
-24	-50.2	255 060757	256 092457	257 012254	257 012300	257 012306	258 014236	258 014242	258 014248	259 020512

SURVEYOR 5 TELEVISION PICTURE DATA

507

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)								
		259 020518	259 020524	259 124603	260 023643	260 023654	260 023702	261 034235	261 034245	261 034254
		262 040445	262 040456	262 040503	263 041202	263 041213	263 041222	263 090321	264 040516	264 040527
		264 040535	264 114748	265 072328	265 072339	265 072346	265 121529	266 110018		
-24	-45.3	257 082208								
-24	-40.3	255 060843	255 060916	256 092541	259 124647	259 124730	263 090407	264 114832	265 121614	266 110102
-24	-35.3	257 082349								
-24	-30.3	255 061023	256 101019	259 124846	263 090531	264 114948	265 122438	266 110222		
-24	-25.3	257 082434								
-24	-20.3	255 061108	256 101105	259 124932	263 090648	264 115100	265 122552	266 110333		
-24	-15.3	257 082602								
-24	-10.5	255 070021	256 101150	259 125131	263 090806	264 115222	265 122708	266 110449		
-24	-5.6	257 083011								
-24	0.7	255 070108	256 101349	259 125218	263 090928	264 115333	265 122825	266 110949		
-24	4.3	257 083058								
-24	9.3	255 070152	256 101434	259 125302	263 091155	264 115549	265 123036	266 111227	267 065231	267 082127
		267 091953	296 061500	296 094851						
-24	14.4	255 071644	257 083233							
-24	19.4	256 102017	263 091612	264 115906	265 123736	266 111609	267 065711	267 082813	267 092121	296 061547
		296 094937								
-21	-65.1	255 060636	259 124442	263 090200	264 114626	265 121408	266 105857			
-21	-60.1	254 065411	254 235253	257 082048						
-21	-55.2	255 060722	256 092443	259 124527	263 090246	264 114711	265 121453	266 105941	289 033709	
-21	-50.2	257 082132	267 150213							
-21	-45.3	254 055003	254 234824	255 060806	256 092528	259 124611	263 090330	264 114756	265 121538	266 110026
-21	-40.3	257 082313								
-21	-35.3	255 060946	256 092614	259 124810	263 090455	264 114912	265 122403	266 110145		
-21	-30.3	254 054928	254 234819	257 082358						
-21	-25.3	255 061032	256 101052	259 124856	263 090612	264 115024	265 122515	266 110257		
-21	-20.3	257 082527								
-21	-15.3	254 054206	254 234814	255 061117	256 101136	259 124941	263 090728	264 115140	265 122629	266 110410
-21	-10.5	257 082612								
-21	-5.6	255 070032	256 101335	259 125142	263 090852	264 115258	265 122749	266 110913		
-21	0.7	254 054149	254 234809	257 083022						
-21	4.3	255 070116	256 101420	259 125226	263 090937	264 115343	265 122834	266 110958	267 065153	267 082048
		267 091913	296 061423							
-21	9.3	255 070925	255 071302	257 025511	257 025519	257 025528	257 083106	258 025400	258 025410	258 025421
		259 033159	259 033209	259 033220	260 030309	260 030410	260 030419	261 041700	261 041707	261 041716
		262 044958	262 045007	262 045016	263 043452	263 043504	263 043512	264 042635	264 042647	264 042655
		265 074647	265 074656	265 074704	266 072923	266 073025	266 073039	266 073047	296 061511	
-21	14.4	254 054131	254 234806	256 033228	256 101506	259 125312	263 091239	264 115628	265 123112	266 111309
		267 065241	267 065636	267 082619	267 092002	296 094902				
-21	19.4	255 072329	257 083242	296 094947						
-21	24.3	267 065720	267 082821	267 092129	296 061555					
-21	29.2	256 033405	256 061951							
-18	-65.1	257 060719	258 033449	259 072628	259 072735	259 072845	259 072849	259 072854	259 072859	259 072903
		259 072907	259 072912	259 072917	259 105932	261 050353	262 063833	263 071618	263 132355	264 045357
		264 092711	264 094124	264 094732	265 045853	265 202745	266 014721	266 054639	266 113113	
-18	-60.1	255 060708	256 092416	259 072927	259 073039	259 073123	259 073127	259 073131	259 073136	259 073141
		259 073144	259 073149	259 073154	259 124513	259 172605	263 090231	264 114658	265 121440	266 105928
-18	-55.2	257 082119	259 073204	259 073230	259 073235	259 073240	259 073244	259 073248	259 073253	259 073258
		259 073302	259 163431	259 164449	266 070017	266 070026	266 070035	289 034127		
-18	-50.2	255 060753	256 092501	257 055853	258 032634	259 073312	259 073343	259 073348	259 073353	259 073358

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)								
		259 073401	259 073406	259 073411	259 073415	259 105448	259 124558	261 045924	262 063307	263 065028
		263 090317	263 131925	264 044841	264 092445	264 093119	264 094514	264 114743	265 044809	265 121524
		265 202040	266 013755	266 054048	266 110013	266 112411				
-18	-45.3	257 082203	259 073425	259 073523	259 073554	259 073559	259 073602	259 073607	259 073612	259 073617
		259 073620	259 073625							
-18	-40.3	255 060838	256 092546	259 073635	259 073713	259 073718	259 073722	259 073726	259 073731	259 073736
		259 073740	259 073744	259 124644	259 162713	259 164020	259 172136	263 090402	264 114827	265 121609
		266 110058								
-18	-35.3	257 055849	257 082344	258 032629	259 073754	259 074041	259 074125	259 074129	259 074134	259 074139
		259 074143	259 074147	259 074152	259 074157	259 105443	261 045921	262 063302	263 065024	263 131922
		264 044836	264 092440	264 093114	264 094509	265 044702	265 044736	265 202036	266 013752	266 054045
		266 112406								
-18	-30.3	255 061019	256 101024	259 074207	259 074239	259 074243	259 074247	259 074252	259 074257	259 074300
		259 074305	259 074310	259 124843	263 090526	264 114943	265 122434	266 110217		
-18	-25.3	257 082430	259 074318	259 074400	259 074405	259 074410	259 074414	259 074418	259 074423	259 074428
		259 074432	259 105030	259 105115	259 162708	259 164017	259 172131			
-18	-20.3	255 061103	256 101110	257 055845	258 032624	259 074441	259 074541	259 074633	259 074638	259 074641
		259 074646	259 074651	259 074655	259 074659	259 074704	259 104735	259 104929	259 105005	259 105438
		259 124927	261 045916	262 063258	263 065020	263 090643	263 131917	264 044832	264 092436	264 093111
		264 094505	264 115056	265 044657	265 122547	265 202031	266 013747	266 054040	266 110329	266 112401
		290 052238								
-18	-15.3	257 082559	259 074712	259 074741	259 074745	259 074749	259 074754	259 074759	259 074803	259 074807
		259 074812								
-18	-10.5	255 070016	256 101155	259 074821	259 074959	259 075038	259 075043	259 075048	259 075053	259 075056
		259 075101	259 075106	259 075111	259 125127	259 162705	259 164012	259 172127	263 090803	264 115218
		265 122703	266 110445							
-18	-5.6	257 055840	257 083008	258 032620	259 075119	259 075148	259 075153	259 075157	259 075202	259 075206
		259 075211	259 075215	259 075220	259 105433	261 045911	262 063253	263 065015	263 131912	264 044827
		264 092432	264 093106	264 094500	265 044652	265 202026	266 013742	266 054035	266 112357	
-18	0.7	255 070103	256 101354	257 025553	257 025600	257 025609	257 025742	257 025753	257 025803	258 025443
		258 025453	258 025504	258 025605	258 025617	258 025628	259 033259	259 033309	259 033320	259 075229
		259 075351	259 075356	259 075401	259 075405	259 075409	259 075414	259 075419	259 075422	259 125213
		260 030429	260 030438	260 030447	261 041728	261 041736	261 041744	262 045027	262 045035	262 045043
		263 043523	263 043533	263 043541	263 090923	264 042707	264 042716	264 042724	264 115330	265 074716
		265 074725	265 074733	265 122820	266 073059	266 073107	266 073116	266 110945		
-18	4.3	257 083053	259 075431	259 075828	259 075905	259 075909	259 075914	259 075919	259 075923	259 075927
		259 075932	259 075937	259 162700	259 164007	259 172123				
-18	9.3	255 070147	256 101438	257 055835	258 032616	259 075945	259 080039	259 080114	259 080118	259 080122
		259 080127	259 080132	259 080136	259 080140	259 080145	259 105430	259 125257	261 045559	261 045805
		262 063127	262 063238	263 064910	263 091150	263 131807	263 131851	264 044823	264 092329	264 093019
		264 094415	264 115545	265 044648	265 123031	265 201822	265 201939	266 013516	266 013658	266 053933
		266 111222	266 112259	267 065226	267 082122	267 091948	296 061457	296 094846		
-18	14.4	255 071640	257 083229	259 080153	259 080233	259 080236	259 080241	259 080246	259 080251	259 080254
		266 112317								
-18	19.4	256 102020	259 080301	259 080403	259 080518	259 080526	259 080535	259 080542	259 080550	259 080559
		259 080606	259 080614	259 080623	259 162655	259 164002	259 172118	263 091548	264 115852	265 123717
		266 111555	267 065313	267 065707	267 082808	267 092116	296 061542	296 094933		
-18	24.3	261 045718	262 063201	263 064944	263 131832	264 092359	264 093042	264 094438	265 044928	265 201902
		266 013611	266 054000							
-15	-65.1	255 060641	259 124446	263 090205	264 114630	265 121412	266 105900			
-15	-60.1	257 082052	289 034027							
-15	-55.2	255 060726	256 092439	257 012419	257 012425	257 012431	258 014321	258 014332	258 014342	259 020558
		259 020604	259 020610	259 124531	260 023719	260 023728	260 023736	261 034311	261 034328	262 040520
		262 040529	262 040538	263 041239	263 041247	263 041255	263 090249	264 040552	264 040601	264 040609
		264 114716	265 072403	265 072412	265 072421	265 121458	266 105945	267 150120	267 150218	267 150258
		267 150303	267 150352	267 150358	267 150438	267 150443	267 150509	267 150515	267 150544	267 150550
		289 033133	289 033232	289 033311	289 033356	289 033720	289 033934	289 033945	289 034056	289 034156
		289 034253	289 034403	289 034515	289 034551	289 034723	289 034743	289 042218	289 042327	289 042747
		289 043153	289 043409							
-15	-50.2	257 082137								
-15	-45.3	255 060811	256 092523	259 124616	263 090335	264 114801	265 121542	266 110031		
-15	-40.3	257 082318								
-15	-35.3	255 060951	256 092609	259 124815	263 090500	264 114916	265 122407	266 110149		
-15	-30.3	257 082403								
-15	-25.3	255 061037	256 101047	259 124901	263 090617	264 115029	265 122519	266 110302		

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)
-15	-20.3	257 082531									
-15	-15.3	255 061122	256 101131	259 124946	263 090733	264 115145	265 122634	266 110415			
-15	-10.5	257 025854 259 033423 262 045115 265 074803	257 025906 260 030501 263 043554 266 073129	257 025916 260 030509 263 043603 266 073137	257 082617 260 030517 263 043611 266 073146	258 025856 261 041758 264 042737	258 025907 261 041806 264 042746	258 025917 261 041815 264 042754	259 033401 262 045058 265 074746	259 033412 262 045106 265 074755	
-15	-5.6	255 070035	256 101330	259 125145	263 090857	264 115302	265 122753	266 110918			
-15	0.7	257 083026	289 034330								
-15	4.3	255 070121 266 111003	256 101415 266 111034	259 125231 267 065157	263 090941 267 082052	263 091007 267 091917	264 115348 296 061426	264 115408 296 094817	265 122838	265 122903	
-15	9.3	255 071448	257 083111								
-15	14.4	256 101501 267 092007	259 125315 296 061516	263 091243 296 094906	264 115632	265 123117	266 111314	267 065246	267 065640	267 082624	
-15	19.4	255 072334	257 083247	296 094951							
-15	24.3	262 034604 296 061600	262 034615	262 034702	262 034714	264 120004	265 123859	266 111649	267 065724	267 092134	
-15	29.2	262 034815	262 034825	262 034909	262 034921	262 035129	267 082826				
-12	-60.1	255 060704	256 080705	256 092421	259 124509	263 090228	264 114653	265 121435	266 105923		
-12	-55.2	257 082114									
-12	-50.2	255 060748	256 092505	259 124553	263 090312	264 114738	265 121520	266 110008			
-12	-45.3	257 082200									
-12	-40.3	255 060833	256 092551	259 124639	263 090357	264 114822	265 121605	266 110053			
-12	-35.3	257 082339									
-12	-30.3	255 061014	256 101029	259 124838	263 090521	264 114938	265 122430	266 110212			
-12	-25.3	257 082426									
-12	-20.3	255 061059	256 101113	259 124922	263 090638	264 115051	265 122542	266 110325			
-12	-15.3	257 082554									
-12	-10.5	255 070013	256 101159	259 125122	263 090758	264 115214	265 122658	266 110440			
-12	-5.6	257 083003									
-12	0.7	255 070058	256 101357	259 125208	263 090919	264 115325	265 122816	266 110940			
-12	4.3	257 083048									
-12	9.3	255 070144 266 111145	256 101443 266 111209	259 125254 267 065223	263 091114 267 082118	263 091137 267 091944	264 115515 296 061452	264 115534 296 094843	265 123000	265 123022	
-12	14.4	255 071635	257 083224								
-12	19.4	256 102025 296 061533	263 091525 296 061538	264 115837 296 094928	265 123655	266 111539	267 065308	267 065702	267 082804	267 092112	
-12	24.3	262 032956	262 033607	262 033950	262 034522	262 034534					
-9	-65.1	255 060646	259 124451	263 090210	264 114635	265 121417	266 105905				
-9	-60.1	257 082056									
-9	-55.2	255 060730 259 020636 262 040547 264 040636 266 105950	256 092434 259 020642 262 040555 264 114720	257 012450 259 124535 262 040605 265 072429	257 012456 260 023746 263 041305 265 072438	257 012502 260 023754 263 041314 265 072447	258 014400 260 023802 263 041322 265 121501	258 014412 261 034337 263 090254 266 070045	258 014423 261 034346 264 040619 266 070053	259 020630 261 034354 264 040627 266 070101	
-9	-50.2	257 082142									
-9	-45.3	255 060815	256 092520	259 124621	263 090339	264 114806	265 121547	266 110035			
-9	-40.3	257 082321									
-9	-35.3	255 060956	256 092604	259 124820	263 090504	264 114920	265 122411	266 110154			
-9	-30.3	257 082408	290 054215								
-9	-25.3	255 061041	256 101042	259 124904	263 090620	264 115033	265 122524	266 110307			
-9	-20.3	257 030002	257 030013	257 030023	257 032630	257 082536	258 025956	258 030007	258 030017	259 033500	

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)									
		259 033511	259 033521	260 030529	260 030538	260 030551	261 041827	261 042011	261 042023	262 045127	
		262 045135	262 045149	263 043623	263 043632	263 044006	264 042806	264 042815	264 042828	265 074815	
		265 074824	265 074837	266 073159	266 073207	266 073219					
-9	-15.3	255 061127	256 101128	259 124950	263 090737	264 115150	265 122637	266 110420			
-9	-10.5	257 082622									
-9	-5.6	255 070040	256 101325	259 125150	263 090901	264 115307	265 122758	266 110922			
-9	0.7	257 083030									
-9	4.3	255 070126	256 101412	259 125236	263 091024	264 115419	265 122914	266 111046	267 065201	267 082057	
		267 091922	296 061431	296 094822							
-9	9.3	255 071453	257 083116								
-9	14.4	256 101456	259 125320	263 091248	263 091315	264 115637	264 115658	265 090628	265 090941	265 091010	
		265 091016	265 091023	265 091029	265 091036	265 091042	265 091049	265 091057	265 091103	265 091110	
		265 123122	265 123147	266 111318	266 111349	267 065251	267 065644	267 082628	267 092012	296 061520	
		296 094911									
-9	19.4	255 072339	257 083251	265 091159	265 091225	265 091231	265 091239	265 091245	265 091252	265 091300	
		265 091307	265 091314	265 091320	265 091329	265 091335	265 091406	296 094956			
-9	24.3	262 034254	262 034305	262 034418	262 034430	263 091644	264 120016	265 091452	265 091529	265 091555	
		265 091601	265 091607	265 091615	265 091622	265 091630	265 091637	265 091644	265 091651	265 123918	
		266 111705	267 065729	267 082830	267 092138	296 061605					
-6	-60.1	255 060659	256 092425	259 124504	263 090223	264 114648	265 121430	266 105918			
-6	-55.2	257 082110									
-6	-50.2	255 060744	256 092510	259 124549	263 090308	264 114733	265 121516	266 110003			
-6	-45.3	257 082155									
-6	-40.3	255 060829	256 092556	259 124634	263 090353	264 114819	265 121601	266 110049			
-6	-35.3	257 082335									
-6	-30.3	255 061009	256 101034	257 032733	257 032743	257 032754	257 032902	257 032914	257 032925	258 030051	
		258 030102	258 030113	258 030135	258 030146	258 030157	259 033555	259 033606	259 033616	259 124833	
		260 030602	260 030610	260 030619	261 042034	261 042042	261 042051	262 045159	262 045208	262 045216	
		263 044017	263 044026	263 044034	263 090518	264 042839	264 042847	264 042856	264 114934	265 074848	
		265 074856	265 074905	265 122425	266 073231	266 073239	266 073248	266 110207			
-6	-25.3	257 082421									
-6	-20.3	254 021634	255 061055	256 101118	259 124919	263 090635	264 115046	265 122537	266 110320		
-6	-15.3	257 082549									
-6	-10.5	255 070008	256 101204	259 125118	263 090753	264 115209	265 122654	266 110435			
-6	-5.6	257 082958									
-6	0.7	255 070053	256 101402	259 125203	263 090914	264 115320	265 122811	266 110935			
-6	4.3	257 083045									
-6	9.3	255 070139	256 101448	259 125249	263 091109	264 115510	265 122956	266 111141	267 065218	267 082113	
		267 091939	296 094838								
-6	14.4	255 071631	257 083219								
-6	19.4	256 102030	263 091503	264 115824	265 123632	266 111522	267 065303	267 065658	267 082759	267 092107	
		296 094924									
-6	24.3	296 095009									
-6	29.2	267 082844	267 092152	296 061619							
-3	-65.1	255 060649	259 124455	263 090213	264 114640	265 121422	266 105910				
-3	-60.1	254 065346	254 235247	257 082101							
-3	-55.2	255 060735	256 092430	259 124540	263 090259	264 114725	265 121506	266 105955			
-3	-50.2	257 082146									
-3	-45.3	254 055045	254 234831	255 060820	256 092515	259 124625	263 090344	264 114809	265 121552	266 110039	
-3	-40.3	257 082326									
-3	-35.3	255 061001	256 092559	259 124824	263 090508	264 114925	265 122416	266 110159			
-3	-30.3	254 055732	254 234836	257 082413							
-3	-25.3	255 061045	256 101037	259 124909	263 090625	264 115038	265 122529	266 110312			

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)						
-3	-20.3	257 082541								
-3	-15.3	254 055821 264 115153	254 234841 265 122642	255 061130 266 110423	255 065608	255 065806	256 101123	259 124955	259 125041	263 090742
-3	-10.5	257 082626								
-3	-5.6	255 070045	256 101321	259 125155	263 090905	264 115312	265 122803	266 110927		
-3	0.7	254 055854	254 234844	257 083035						
-3	4.3	255 070129 267 091926	256 101407 296 061436	259 125239 296 094827	263 091028	264 115424	265 122919	266 111051	267 065205	267 082102
-3	9.3	255 071458	257 083211							
-3	14.4	254 055920 267 065648	254 234849 267 082633	256 101452 267 092016	259 125325 296 061524	263 091329 296 094915	264 115723	265 123159	266 111403	267 065255
-3	19.4	255 072342	257 083256	296 095000						
-3	24.3	263 091707	264 120030	265 123938	266 111720	267 065734	267 082835	267 092143	296 061609	
-3	29.2	254 060117	254 234854							
0	-65.1	257 060713 259 081649 264 092706 266 113101	258 033444 259 081654 264 094726 266 114711	259 081422 259 105927 264 094726 266 114754	259 081622 259 125353 264 132257 266 114918	259 081627 261 050349 265 045847 266 115011	259 081631 262 063827 265 202739 266 115054	259 081636 263 071613 266 014715 266 054634	259 081640 263 132350 266 054634 266 113037	259 081645 264 045351 266 054634 266 113037
0	-60.1	255 054429 258 014511 259 081747 259 082403 260 023830 263 041350 265 121426	255 060654 258 095322 259 081752 259 082408 261 034405 263 090218 266 070112	256 102105 259 020716 259 081756 259 082411 261 034413 264 040647 266 070121	257 010237 259 020722 259 081801 259 082416 261 034422 264 040655 266 070129	257 012608 259 020728 259 081805 259 082421 262 040616 264 040703 266 105914	257 012614 259 081704 259 082227 259 124500 262 040624 264 114644 266 105914	257 012620 259 081734 259 082350 259 172559 262 040624 265 072458 265 072507	258 014450 259 081738 259 082353 260 023813 263 041333 265 072507	258 014500 259 081743 259 082358 260 023822 263 041341 265 072515
0	-55.2	257 082106 259 082712	259 081814 259 082716	259 082430 259 163425	259 082645 259 164445	259 082649	259 082654	259 082658	259 082703	259 082707
0	-50.2	255 060740 259 082818 263 131934 266 013804	257 055901 259 082823 264 044848 266 054057	258 032641 259 082828 264 092452 266 105959	259 082725 259 105455 264 093126 266 112418	259 082755 259 124545 264 094522 266 112418	259 082800 261 045932 264 114729 266 112418	259 082805 262 063314 265 044816 265 121511	259 082810 263 065036 265 121511 265 202048	259 082813 263 090303 265 202048
0	-45.3	257 082150 259 082947	259 082837	259 082916	259 082920	259 082924	259 082929	259 082933	259 082938	259 082942
0	-40.3	255 060824 259 033651 259 083640 260 030639 263 044054 265 074934	257 033015 259 033702 259 083645 260 030648 263 044103 265 121556	257 033026 259 033714 259 083649 261 042103 263 090349 266 073258	257 033037 259 082956 259 083654 261 042111 264 042908 266 073308	258 030229 259 083106 259 124629 261 042120 264 042916 266 073316	258 030241 259 083622 259 162720 262 045227 264 042925 266 110044	258 030252 259 083627 259 164029 262 045236 264 114814 265 074917	258 030311 259 083631 259 172143 262 045244 265 074917	258 030322 259 083636 260 030631 263 044046 265 074925
0	-35.3	257 055905 259 083813 264 044853	257 082331 259 083816 264 092457	258 032646 259 083823 264 093131	259 083703 259 083828 264 094526	259 083737 259 105500 265 044820	259 083755 261 045936 265 202053	259 083800 262 063319 266 013807	259 083805 263 065040 266 054100	259 083810 263 131937 266 112423
0	-30.3	255 061004 259 083924	259 083837 259 124828	259 083853 263 090513	259 083856 264 114930	259 083901 265 122420	259 083906 266 110204	259 083911	259 083914	259 083919
0	-25.3	257 082416 259 084042	259 083932 259 084046	259 083957 259 162725	259 084014 259 164032	259 084019 259 172148	259 084024	259 084028	259 084032	259 084037
0	-20.3	255 061050 259 084133 263 131942 266 013812	257 055910 259 084137 264 044858 266 054105	258 032651 259 084142 264 092501 266 110315	259 084055 259 105503 264 093136 266 112427	259 084110 259 124914 264 094530	259 084115 261 045941 264 115042	259 084119 262 063324 265 044825	259 084124 263 065045 265 122533	259 084128 263 090630 265 202056
0	-15.3	257 082545 259 084240	259 084150	259 084209	259 084213	259 084217	259 084222	259 084227	259 084231	259 084235
0	-10.5	255 070003 259 084356 266 110431	259 084250 259 084400 290 061716	259 084314 259 125113	259 084328 259 162730	259 084333 259 164037	259 084338 259 172153	259 084342 263 090748	259 084347 264 115204	259 084351 265 122649
0	-5.6	257 055915 259 084509 264 044901 266 112431	257 082953 259 084512 264 092506	258 032655 259 084517 264 093141	259 084409 259 084522 264 094535	259 084435 259 105508 265 044829	259 084451 261 045945 265 202101	259 084454 262 063328 266 013817	259 084459 263 065050 266 054110	259 084504 263 131947 266 054136
0	0.7	255 070050 259 093030	259 084530 259 093035	259 084906 259 093040	259 092858 259 093044	259 092936 259 125200	259 093012 263 090910	259 093017 264 115317	259 093022 265 122807	259 093026 266 110931
0	4.3	257 083040 259 093146	259 093052 259 162734	259 093114 259 164042	259 093119 259 172157	259 093123	259 093128	259 093132	259 093137	259 093141

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)
3	-65.1	259 125704 265 163600	263 091823 266 111826	263 102502 266 114700	264 120131 266 115645	264 120147 295 061024	265 124105 295 061201	265 124154	265 145809	265 145918	
3	-60.1	255 045028	255 045141	255 045253	257 065608	257 083330					
3	-55.2	259 125919	263 092250	264 120710	265 150027	266 120006	295 061325				
3	-50.2	255 045339	257 065920								
3	-45.3	259 130005	263 092335	264 120754	265 150112	266 120052	295 061409				
3	-40.3	255 045423	257 070005								
3	-35.3	259 130333	263 092422	264 120841	265 150158	266 120139	295 061501				
3	-30.3	255 045523	257 070101								
3	-25.3	259 130417 295 061547	263 092507 295 061619	263 092530	264 120926	264 120945	265 150244	265 150406	266 120225	266 120251	
3	-20.3	255 045608	257 070146								
3	-15.3	259 130503	263 092624	263 092650	264 121038	264 121059	265 150501	265 150536	266 120343	266 120413	
3	-10.5	255 045654	257 070255								
3	-5.6	259 130928	263 092746	263 092809	264 121154	264 121212	265 150633	265 150656	266 120508	266 120532	
3	0.7	255 045743	257 070823								
3	4.3	259 131014	263 093049	264 121334	265 150824	266 120658					
3	9.3	255 045828	257 070917								
3	14.4	259 131059	263 093135	264 121419	265 150909	266 120743	267 065848	267 083022			
3	19.4	255 045914	255 050005	257 071051							
3	24.3	259 131144 267 070039	263 093252 267 083129	263 093321 267 092254	264 121534 296 064736	264 121554	265 151029	265 151101	266 120901	266 120936	
3	29.2	255 050142	257 071136	295 060343	295 060546						
6	-65.1	266 115438	295 061320								
6	-60.1	256 080659 259 020805 261 034440 262 040715 264 040713 265 072542 266 070219	257 012639 259 125916 261 034448 262 040723 264 040721 265 072550 266 070227	257 012645 260 023840 261 034457 263 041359 264 040730 265 072757 266 120001	257 012651 260 023848 261 034504 263 041408 264 040738 265 072805	258 014530 260 023857 261 034512 263 041416 264 040750 265 150023	258 014541 260 023905 262 040642 263 041425 264 040759 266 070138	258 014552 260 023916 262 040651 263 041438 264 040759 266 070147	259 020753 260 023924 262 040659 263 041446 265 072525 266 070155	259 020759 261 034431 262 040708 263 092245 265 072533 266 070204	
6	-55.2	255 045334	257 065916								
6	-50.2	259 130000	263 092330	264 120750	265 150108	266 120047	295 061406				
6	-45.3	255 045419	257 070001	295 062330							
6	-40.3	259 130045	259 130244	263 092415	264 120835	265 150152	266 120132	295 061450			
6	-35.3	255 045504	257 070045								
6	-30.3	259 130414	263 092503	264 120922	265 150239	266 120220	295 061542				
6	-25.3	255 045603	257 070141								
6	-20.3	259 130458	263 092619	264 121034	265 150457	266 120339	295 061753				
6	-15.3	255 045649	257 070251								
6	-10.6	259 130544	259 130647	263 092740	264 121147	265 150627	266 120500				
6	-5.6	255 045734	257 070336								
6	0.7	259 131009	263 092946	263 093037	264 121301	264 121322	265 150747	265 150810	266 120620	266 120645	
6	4.3	255 045823	257 070912								
6	9.3	259 131055	263 093130	264 121414	265 150904	266 120738					
6	14.4	255 045909	257 071046								
6	19.4	259 131140	263 093247	264 121529	265 151026	266 120857	267 070035	267 083124	296 064732		
6	24.3	255 050137	257 071132	296 064818							
6	29.2	263 095137	264 124936	265 153139	266 123419	266 123909	267 070120	267 083327	267 092404	295 060543	

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)
9	-65.1	259 125840	263 092210	264 120629	265 145947	266 115338	266 115926	295 061244	295 061316	
9	-60.1	255 045258	257 065840							
9	-55.2	259 125924	263 092254	264 120714	265 150031	266 120011	295 061330			
9	-50.2	255 045342	257 065924							
9	-45.3	259 130009	263 092339	264 120759	265 150116	266 120055	295 061414			
9	-40.3	255 045428	257 070009							
9	-35.3	259 130338	263 092427	264 120846	265 150203	266 120144	295 061506			
9	-30.3	255 045528	257 070106							
9	-25.3	259 130422	263 092543	264 120957	265 150420	266 120303	295 061717			
9	-20.3	255 045613	257 070151							
9	-15.3	259 130508	263 092704	264 121111	265 150551	266 120424				
9	-10.5	255 045658	257 070300							
9	-5.6	259 130933	263 092820	264 121224	265 150710	266 120543				
9	0.7	255 045748	257 070828							
9	4.3	259 131019	263 093054	264 121338	265 150828	266 120703				
9	9.3	255 045833	257 071010							
9	14.4	259 131104	263 093138	264 121424	265 150913	266 120747	267 065959	267 083048	296 064655	
9	19.4	255 050101 265 090020	257 071056 265 090024	265 085914 265 090029	265 085947 265 090035	265 085953 265 090041	265 085958 265 090050	265 090003	265 090009	265 090014
9	24.3	259 131149 265 090242 267 083133	263 093333 265 090248 267 092329	264 121608 265 090254 296 064741	265 090148 265 090300	265 090213 265 090307	265 090219 265 090315	265 090225 265 151116	265 090231 266 120950	265 090237 267 070044
9	29.2	255 050147 265 090504	257 071141 265 090512	265 090405 265 090519	265 090428 295 060507	265 090434 295 060703	265 090440	265 090446	265 090452	265 090458
12	-60.1	259 125911	263 092241	264 120700	265 150018	266 115957				
12	-55.2	255 045329	257 065911							
12	-50.2	259 125955	263 092326	264 120745	265 150103	266 120042	295 061401			
12	-45.3	255 045415	257 065956							
12	-40.3	259 130041	263 092410	264 120831	265 150149	266 120127	295 061445			
12	-35.3	255 045459	257 070042							
12	-30.3	259 130409	263 092458	264 120918	265 150234	266 120215	295 061537			
12	-25.3	255 045600	257 070137							
12	-20.3	259 130453	263 092614	264 121029	265 150452	266 120334	295 061748			
12	-15.3	255 045644	257 070246							
12	-10.6	259 130539	263 092735	264 121144	265 150622	266 120456				
12	-5.6	255 045730	257 070331							
12	0.7	259 131004	263 092853	264 121256	265 150742	266 120615				
12	4.3	255 045820	257 070907							
12	9.3	259 131050	263 093125	264 121409	265 150859	266 120734				
12	14.4	255 045905	257 071043							
12	19.4	259 131135	263 093242	264 121524	265 151021	266 120852	267 070030	267 083120	296 064727	
12	24.3	255 050134	257 071127	296 064813						
12	29.2	263 095121	264 124920	265 153128	266 123406	266 123849	267 070115	267 083324	267 092400	295 060538
15	-65.1	259 125843	263 092213	264 120634	265 145952	266 115930	295 061249			
15	-60.1	254 065317	254 235242	255 045303	257 065845					
15	-55.2	259 125929	263 092259	264 120718	265 150036	266 120016	295 061333			
15	-50.2	255 045347	257 065929							

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)
15	-45.3	254 061015	254 234921	259 130013	263 092344	264 120803	265 150121	266 120100	295 061419	
15	-40.3	255 045433	257 070014	295 061442						
15	-35.3	259 130341	263 092431	264 120850	265 150208	266 120149	295 061511			
15	-30.3	254 060846	254 234918	255 045532	257 070110					
15	-25.3	259 130427	263 092548	264 121002	265 150425	266 120308	295 061722			
15	-20.3	254 021413	255 045618	257 070155						
15	-15.3	254 060753	254 234913	259 130512	263 092707	264 121116	265 150556	266 120429		
15	-10.5	255 045703	257 070305							
15	-5.6	259 130938	263 092825	264 121229	265 150715	266 120547				
15	0.7	254 060703	254 234908	255 045752	257 070832					
15	4.3	259 131023	263 093059	264 121343	265 150832	266 120706				
15	9.3	255 045838	257 071015							
15	14.4	254 060605 296 064700	254 234903	259 131108	263 093143	264 121427	265 150917	266 120751	267 070003	267 083053
15	19.4	255 050106	257 071101							
15	24.3	259 131153	263 093338	264 121612	265 151121	266 120953	267 070049	267 083138	267 092333	296 064746
15	29.2	254 060316	254 234858	255 050152	257 071145	295 060510				
18	-70.1	265 145141								
18	-65.1	257 060707 259 094648 264 094114	258 033438 259 094651 264 094721	259 094602 259 105921 265 045841	259 094620 261 050342 265 202734	259 094625 262 063822 266 014709	259 094630 263 071607 266 054628	259 094633 263 132344 264 045346	259 094638 264 045346 264 092700	259 094643 264 092700
18	-60.1	255 030638 255 031051 259 020842 259 094830 262 040733 264 040825 266 115953	255 030915 257 012714 259 094702 259 125906 262 040741 264 120655 295 061312	255 031020 257 012720 259 094757 259 172554 262 040750 265 072816	255 031024 257 012726 259 094802 260 023935 263 041456 265 072825	255 031029 258 014611 259 094807 260 023943 263 041504 265 072833	255 031034 258 014622 259 094812 260 023952 263 041513 266 070238	255 031038 258 014633 259 094815 261 034522 263 092236 266 070238	255 031042 259 020830 259 094820 261 034530 264 040809 266 070247	255 031047 259 020836 259 094825 261 034539 264 040817 266 070255
18	-55.2	255 031101 255 045324 259 094932	255 031143 257 065906 259 094937	255 031148 259 094838 259 163420	255 031151 259 094906 259 164439	255 031156 259 094910 259 164439	255 031201 259 094914 259 164439	255 031206 259 094919 259 164439	255 031210 259 094924 259 164439	255 031214 259 094928 259 164439
18	-50.2	255 031224 257 055952 259 095033 263 132024 266 013854	255 031244 258 032731 259 095038 264 044939 266 054222	255 031249 258 032758 259 095042 264 092543 266 112509	255 031253 259 094946 259 105601 264 093217 266 120037	255 031257 259 095010 259 125951 264 094612 295 061356	255 031302 259 095015 261 050023 264 120741 265 061356	255 031307 259 095020 262 063404 265 045032 266 120741	255 031311 259 095024 263 065126 265 150059 266 120741	255 031315 259 095028 263 092321 265 202138 266 120741
18	-45.3	255 031325 257 065952 259 095201	255 031347 259 095051 259 095206	255 031357 259 095120 259 095120	255 031402 259 095134 259 095134	255 031406 259 095138 259 095138	255 031410 259 095143 259 095143	255 031415 259 095148 259 095148	255 031420 259 095152 259 095152	255 045410 259 095156 259 095156
18	-40.3	255 031428 259 095215 259 130036	255 031446 259 095227 259 162811	255 031451 259 095231 259 164119	255 031455 259 095236 259 172234	255 031500 259 095240 263 092407	255 031504 259 095244 264 120826	255 031509 259 095249 265 150144	255 031513 259 095254 266 120123	255 031518 259 095258 266 120123
18	-35.3	255 031528 255 045455 259 095332 264 044934 295 061514	255 031607 257 055947 259 095337 264 092538	255 031612 257 070037 259 095342 264 093213	255 031617 258 032728 259 095346 264 094607	255 031622 259 095307 259 105556 265 045027	255 031626 259 095315 261 050018 265 202133	255 031630 259 095319 262 063401 266 013849	255 031635 259 095324 263 065123 266 054218	255 031640 259 095328 263 132019 266 112504
18	-30.3	255 031648 259 095356 259 095456	255 031740 259 095413 259 130404	255 031745 259 095425 263 092454	255 031750 259 095430 264 120913	255 031755 259 095433 265 150230	255 031758 259 095438 266 120210	255 031803 259 095443 295 061532	255 031808 259 095448 295 061532	255 031813 259 095451 295 061532
18	-25.3	255 031821 255 045555 259 095540	255 031856 257 070133 259 095545	255 031859 259 095506 259 162807	255 031904 259 095514 259 164114	255 031909 259 095518 259 172230	255 031914 259 095522 259 172230	255 031917 259 095527 259 172230	255 031922 259 095532 259 172230	255 031927 259 095536 259 172230
18	-20.3	255 031935 257 055942 259 095631 264 044930 266 112459	255 032023 258 032723 259 095636 264 092533 266 120330	255 032028 259 095555 259 105537 264 093209 295 061745	255 032033 259 095603 259 130450 264 094603	255 032036 259 095608 261 050013 264 121024	255 032041 259 095613 262 063356 265 045024	255 032046 259 095618 263 065118 265 150447	255 032051 259 095621 263 092609 265 202129	255 032054 259 095626 263 132015 266 054214
18	-15.3	255 032104 255 032340 259 095731	255 032210 255 045639 259 095735	255 032308 257 070241 259 095739	255 032313 259 095644 259 095744	255 032318 259 095701 259 095701	255 032323 259 095713 259 095713	255 032327 259 095717 259 095717	255 032331 259 095721 259 095721	255 032336 259 095726 259 095726

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)
24	-50.2	259 125947	263 092317	264 120736	265 150054	266 120034	295 061351			
24	-45.3	255 045405	257 065947							
24	-40.3	259 130031	263 092402	264 120821	265 150139	266 120118	295 061437			
24	-35.3	255 045450	257 070032							
24	-30.3	257 024900 259 130359 263 043108 265 150226	257 024906 260 025657 263 092449 266 072618	257 024912 260 025705 264 042329 266 072626	258 024728 260 025714 264 042337 266 120207	258 024739 261 041033 264 042346 295 061529	258 024750 261 041041 264 120908	259 032618 261 041050 265 074341	259 032629 263 043050 265 074350	259 032640 263 043059 265 074358
24	-25.3	255 045550	257 070128							
24	-20.3	257 024944 259 130445 263 043134 265 074426	257 024950 260 025724 263 043224 265 150443	257 024956 260 025733 263 092606 266 072645	258 024818 260 030047 264 042355 266 072654	258 024829 261 041100 264 042404 266 072702	258 024840 261 041109 264 042412 266 120325	259 032710 261 041117 264 121020 295 061740	259 032722 263 043117 265 074409	259 032732 263 043126 265 074417
24	-15.3	255 045636	257 070238							
24	-10.5	257 025031 259 032800 261 041149 265 074440	257 025036 259 032811 263 043244 265 074449	257 025042 259 032822 263 043252 265 074457	257 025113 259 130530 263 043301 265 150614	257 025119 260 030102 263 092725 266 072716	257 025125 260 030110 264 042428 266 072725	258 024907 260 030119 264 042436 266 072733	258 024918 261 041132 264 042445 266 120447	258 024928 261 041140 264 121134
24	-5.6	255 045721	257 070323							
24	0.7	257 025206 260 030129 263 043312 265 074517	257 025218 260 030138 263 043320 265 074525	258 024954 260 030146 263 043329 265 150733	258 025004 261 041159 263 092844 266 072744	258 025016 261 041208 264 042454 266 072752	259 032855 261 041216 264 042503 266 072801	259 032907 262 044723 264 042511 266 120605	259 032918 262 044734 264 121247	259 130956 262 044745 265 074508
24	4.3	255 045810	257 070859							
24	9.3	257 025331 259 131041 262 044903 265 074536	257 025339 260 030157 263 043339 265 074544	257 025346 260 030205 263 043348 265 074553	258 025045 260 030215 263 043356 265 150850	258 025056 261 041225 263 093117 266 072811	258 025108 261 041235 264 042523 266 072820	259 033000 261 041244 264 042532 266 072829	259 033011 262 044845 264 042540 266 120725	259 033021 262 044855 264 121401
24	14.4	255 045856	257 071033	296 064718						
24	19.4	257 025408 259 033055 261 041635 264 042601 266 072858	257 025416 259 033107 262 044916 264 042609 266 120843	257 025423 259 033118 262 044924 264 121516 267 070021	258 025142 259 131126 262 044932 265 074615 267 083110	258 025154 260 030227 263 043410 265 074623	258 025204 260 030235 263 043418 265 074623	258 025300 260 030244 263 043426 265 151012	258 025310 261 041618 263 093234 266 072841	258 025321 261 041626 264 042552 266 072850
24	24.3	255 050124	257 071118	296 064803						
24	29.2	263 095047	264 124852	265 153104	266 123336	266 123818	267 070106	267 083300	267 092352	295 060528
27	-70.1	295 061258								
27	-65.1	259 125853	263 092223	263 092228	264 120642	265 150000	266 115939			
27	-60.1	255 045311 259 020915 262 040809 265 072851	257 012753 259 020921 262 040817 265 072900	257 012758 260 024002 263 041524 266 070306	257 012804 260 024011 263 041532 266 070314	257 065853 260 024020 263 041540 266 070322	258 014703 261 034550 264 040836	258 014714 261 034558 264 040845	258 014724 261 034606 264 040853	259 020909 262 040801 265 072843
27	-55.2	259 125937	263 092308	264 120728	265 150045	266 120024				
27	-50.2	255 045357	257 065938							
27	-45.3	259 130023	263 092352	264 120813	265 150130	266 120109	295 061427			
27	-40.3	255 045441	257 070023							
27	-35.3	259 130351	263 092440	264 120900	265 150216	266 120157	295 061519			
27	-30.3	255 045541	257 070119	262 044456	262 044505	262 044513				
27	-25.3	259 130435	263 092556	264 121011	265 150434	266 120316	295 061730			
27	-20.3	255 045626	257 070228	262 044523	262 044531	262 044541				
27	-15.3	259 130521	263 092717	264 121125	265 150604	266 120438				
27	-10.5	255 045712	257 070313	262 044555	262 044604	262 044612				
27	-5.6	259 130946	263 092835	264 121239	265 150724	266 120557				
27	0.7	255 045801	257 070849	262 044622	262 044630	262 044639				
27	4.3	259 131032	263 093107	264 121352	265 150841	266 120716				
27	9.3	255 045846	257 071024							

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)				
27	14.4	259 131117 267 070012	263 093153 267 083101	263 093216 296 064709	264 121437	264 121458	265 150927	265 150952	266 120801	266 120826	
27	19.4	255 050116 265 085316	257 071109 265 085337	265 085201 296 061552	265 085229	265 085235	265 085244	265 085256	265 085303	265 085309	
27	24.3	259 131202 265 085545 267 070058	263 093346 265 085551 267 083147	264 121621 265 085557 267 083222	265 085453 265 085603 267 092342	265 085516 265 085609 296 064754	265 085522 265 085615	265 085528 265 085620	265 085534 265 151130	265 085539 266 121003	
27	29.2	255 050200 265 085757	257 071154 265 085803	265 085702 265 085809	265 085722 295 060520	265 085728	265 085734	265 085740	265 085745	265 085751	
30	-65.1	295 061302									
30	-60.1	255 050312	259 125858	263 092228	264 120647	265 150005	266 115944				
30	-55.2	255 045316	257 065858								
30	-50.2	259 125942	263 092312	264 120732	265 150049	266 120029	295 061348				
30	-45.3	255 045401	257 065943								
30	-40.3	259 130027	263 092357	264 120817	265 150135	266 120114	295 061432				
30	-35.3	255 045446	257 070027								
30	-30.3	259 130356	263 092445	264 120904	265 150221	266 120202	295 061524				
30	-25.3	255 045545	257 070124								
30	-20.3	259 130440	263 092601	264 121015	265 150439	266 120321	295 061735				
30	-15.3	255 045631	257 070233								
30	-10.6	259 130526	263 092722	264 121129	265 150609	266 120442					
30	-5.6	255 045716	257 070318								
30	0.7	255 051143	259 130951	263 092839	264 121243	265 150729	266 120602				
30	4.3	255 045805	257 070854								
30	9.3	255 051228	259 131037	263 093112	264 121356	265 150846	266 120720				
30	14.4	255 045851	257 071028	296 064714							
30	19.4	255 051314 294 063952	259 131122 294 064003	263 093229	264 121511	265 151008	266 120839	267 070016	267 083106	294 063941	
30	24.3	255 050119	257 071114	294 064046	294 064056	294 064107	296 064759				
30	29.2	255 051359 295 060525	263 095030	264 124835	265 153048	266 123323	266 123804	267 070102	267 083256	267 092347	
33	-65.1	259 131239 264 121842 266 121040	259 131404 264 121851 266 121140	259 131538 264 122007 266 121155	263 093423 264 122018 295 062100	263 093527 264 122038	263 093608 265 151207	264 121658 265 151250	264 121713 265 151340	264 121757 265 151354	
33	-60.1	254 065241	254 235236	255 050501	255 050551	257 071231	257 071401	257 071424			
33	-55.2	255 041101 295 062228	257 040242	259 131623	263 093653	264 122122	265 053416	265 133125	265 151439	266 121240	
33	-50.2	255 050635	257 071509								
33	-45.3	254 061113 295 062312	254 234927	259 131708	263 093738	264 122207	265 053440	265 133157	265 151524	266 121324	
33	-40.3	255 050721	257 071611								
33	-35.3	259 132000	263 093825	264 122255	265 151612	266 121413	295 062402				
33	-30.3	254 061202	254 234932	255 050822	257 071720						
33	-25.3	259 132044 295 062446	263 093911	263 093934	264 122553	264 122610	265 151656	265 151728	266 121459	266 121528	
33	-20.3	255 050907	257 071825								
33	-15.3	254 061250	254 234935	259 132130	263 094057	264 122730	265 151917	266 121758			
33	-10.5	255 050951	257 071933								
33	-5.6	255 051033 266 121846	255 051118 266 121911	259 132338	263 094144	263 094207	264 122817	264 122836	265 152006	265 152030	
33	0.7	254 061335	254 234940	257 072041							

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)
33	4.3	255 051222	259 132423	263 094453	264 122957	265 152529	266 122044				
33	9.3	257 072126									
33	14.4	254 061431 267 083620	254 234945	255 051309	259 132510	263 094612	264 124451	265 152651	266 122202	267 070221	
33	19.4	257 072235									
33	24.3	255 051354 266 122418	259 132555 267 070345	263 094751 267 074641	263 094819	264 124612	264 124635	265 152816	265 152848	266 122349	
33	29.2	254 061521	254 234950	257 072404	296 064929	296 065042					
36	-70.1	265 145123									
36	-65.1	257 060702 264 082811	258 033432 264 092623	259 105915 265 045730	261 050337 265 045757	262 063816 265 202657	263 071601 266 014621	263 132338 266 054622	264 045340 266 113026	264 082751	
36	-60.1	255 034047 255 040942 259 020954 262 040827 264 040920 266 121235	255 040831 257 012824 259 131619 262 040835 264 122117 295 062223	255 040910 257 012830 259 172548 262 040844 265 072910	255 040914 257 012836 260 024029 263 041550 265 072919	255 040919 258 014758 260 024038 263 041559 265 072927	255 040924 258 014809 260 024046 263 041607 265 151434	255 040928 258 014820 261 034616 263 093649 266 070332	255 040932 259 020942 261 034625 264 040903 266 070340	255 040937 259 020948 261 034633 264 040911	266 070349
36	-55.2	255 040951 256 063808 264 082950 264 083240 294 070512	255 041029 257 040002 264 083057 264 083244	255 041033 257 040041 264 083136 290 034244	255 041038 257 071504 264 083213 290 034333	255 041043 259 163414 264 083217 290 034358	255 041047 259 164434 264 083222 290 034428	255 041051 259 173003 264 083226 290 034503	255 041056 259 175413 264 083231 290 034522	255 050632 264 082907 264 083235 294 070353	
36	-50.2	255 041110 257 035918 262 063410 264 083309 264 122203 266 112514	255 041135 257 055957 262 063436 264 083314 266 045038 266 121321	255 041140 258 032813 263 065132 264 083319 265 053133 295 062309	255 041144 259 105607 263 093734 264 083322 265 053244 349 042345	255 041148 259 131704 263 132029 264 083327 265 053330	255 041153 259 172957 264 044945 264 083332 265 151520	255 041158 259 173009 264 083255 264 092549 265 202143	255 041202 260 021628 264 083301 264 093223 266 013859	255 041206 261 050028 264 083304 264 094617 266 054228	
36	-45.3	255 004235 255 041312 257 035618 264 083409	255 041216 255 050716 257 035705 264 083414	255 041241 257 035303 257 035717 264 083418	255 041245 257 035408 257 035728 264 083423	255 041249 257 035453 257 035813 264 083427	255 041254 257 035532 257 035824 264 083432	255 041259 257 035543 257 035835 264 083436	255 041303 257 035607 257 071606 264 083441	255 041307 257 035613 264 083342 294 070324	
36	-40.3	255 041322 259 131749 264 083543 265 151605	255 041348 259 131832 264 083548 266 121405	255 041353 259 162817 264 083553	255 041358 259 162901 264 083557	255 041402 259 164124 264 083602	255 041406 259 172240 264 083606	255 041411 263 093818 264 083611	255 041416 264 083450 264 083615	255 041420 264 083522 264 122248	
36	-35.3	255 041430 255 050801 264 044948 264 083703 295 062353	255 041525 257 060002 264 083624 264 092553	255 041530 257 071651 264 083632 264 093228	255 041535 259 105610 264 083635 264 094622	255 041539 259 105610 264 083640 265 045042	255 041544 261 050032 264 083645 265 202148	255 041548 262 063512 264 083650 266 013904	255 041552 263 065137 264 083653 266 054233	255 041557 263 132034 264 083658 266 112519	
36	-30.3	255 041606 255 041835 264 083740	255 041726 259 132040 264 083745	255 041804 263 093906 264 083750	255 041808 264 083713 264 122549	255 041812 264 083719 265 151652	255 041817 264 083722 266 121454	255 041822 264 083727 295 062443	255 041826 264 083732	255 041830 264 083737	
36	-25.3	255 041845 255 050902 264 084143	255 041915 257 071820 264 084147	255 041919 259 163024 264 084152	255 041924 259 164129 264 084157	255 041929 259 172244 264 084201	255 041933 264 083758 349 043308	255 041937 264 084129	255 041942 264 084134	255 041947 264 084139	
36	-20.3	254 021054 255 042051 263 094022 264 084308 265 151905	254 021233 255 042056 263 094045 264 084313 265 202153	255 041955 257 060006 263 132039 264 084317 266 013909	255 042024 258 032822 264 044953 264 084321 266 054237	255 042029 259 105615 264 084210 264 084326 266 112523	255 042034 259 132125 264 084240 264 122658 266 121620	255 042038 261 050038 264 084255 264 122718 266 121746	255 042042 262 063515 264 084300 265 045047 295 062527	255 042047 263 065141 264 084303 265 151822	
36	-15.3	255 042105 255 050947 264 084420	255 042126 257 071905 264 084425	255 042131 264 084335	255 042136 264 084353	255 042141 264 084358	255 042144 264 084402	255 042149 264 084407	255 042154 264 084411	255 042158 264 084416	
36	-10.5	255 042207 259 132210 264 084448	255 042233 259 132259 264 084453	255 042238 259 163029 264 084458	255 042243 259 164134 264 084503	255 042248 259 172248 264 084506	255 042251 263 094138 264 084511	255 042256 264 084434 264 122811	255 042301 264 084440 265 151958	255 042305 264 084445 266 121838	
36	-5.6	255 042314 255 042825 263 132042 264 084553 264 084800	255 042729 257 060011 264 044958 264 084557 264 084803	255 042754 257 072014 264 084519 264 084606 264 084808	255 042759 258 032826 264 084525 264 084715 265 045051	255 042802 258 032917 264 084530 264 084737 265 202157	255 042807 259 105620 264 084535 264 084742 266 013913	255 042812 261 050041 264 084539 264 084745 266 054241	255 042817 262 063520 264 084543 264 084750 266 112527	255 042821 263 065145 264 084548 264 084755	
36	0.7	255 042833 255 051146 264 090351 265 152125	255 042855 259 132419 264 090355 265 152147	255 042900 263 094258 264 090359 266 122000	255 042905 263 094440 264 090404 266 122033	255 042908 264 084818 264 090409	255 042913 264 084839 264 090414	255 042918 264 090301 264 090417	255 042922 264 090312 264 122924	255 042926 264 090346 264 122945	
36	4.3	255 042934	255 043002	255 043006	255 043010	255 043015	255 043020	255 043023	255 043028	255 043033	

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)								
		257 072120	259 163033	259 164138	259 172253	264 090426	264 090516	264 090546	264 090551	264 090556
		264 090600	264 090604	264 090609	264 090614	264 090618				
36	9.3	255 043041	255 043103	255 043108	255 043113	255 043117	255 043121	255 043126	255 043130	255 043135
		255 051232	257 060015	258 032929	259 105625	259 132505	261 050046	262 063525	263 065150	263 094607
		263 132047	264 045003	264 090626	264 090704	264 090724	264 090741	264 090745	264 090749	264 090754
		264 090759	264 090803	264 090807	264 090812	264 124446	265 045056	265 152647	265 202246	266 014105
		266 054246	266 112532	266 112609	266 122157					
36	14.4	255 033738	255 043144	255 043220	255 043224	255 043229	255 043234	255 043237	255 043242	255 043247
		255 043252	257 072230	264 090821	264 090840	264 090859	264 090904	264 090909	264 090913	264 090917
		264 090922	264 090927	264 090931						
36	19.4	255 043300	255 043331	255 043336	255 043341	255 043344	255 043349	255 043354	255 051318	259 132550
		259 163038	259 164142	259 172258	263 094747	264 090940	264 090947	264 090951	264 090956	264 091001
		264 091006	264 091009	264 091014	264 091019	264 124608	265 152813	266 122345	267 070341	267 074635
		267 083756								
36	24.3	255 043401	255 043428	255 043432	255 043437	255 043713	257 060019	257 072400	258 032934	259 105628
		261 050050	262 063530	263 065155	263 132052	264 045006	264 091027	264 091120	264 091134	264 091138
		264 091143	264 091148	264 091152	264 091156	264 091230	264 091237	264 091245	265 045100	265 045131
		265 202250	266 014109	266 054251	266 112622	267 070427	267 070537	267 070548		
36	29.2	255 043853	255 043921	255 043926	255 043930	255 043934	255 043939	255 043943	255 043951	255 051403
		259 164147	259 172302	263 095014	264 091342	264 091514	264 091520	264 091527	264 091535	264 091541
		264 091547	264 091553	264 091601	264 091608	264 124820	265 133219	265 153032	266 123310	266 123751
		267 074742	267 083958	267 084021	267 084032	267 092450	267 092515	296 065036	296 065123	349 042744
		349 043120								
36	34.1	259 163042								
39	-65.1	259 131543	263 093613	264 122042	265 151358	266 121200				
39	-60.1	255 050556	256 063607	256 063725	257 071428					
39	-55.2	257 040310	259 131627	263 093658	264 122127	265 052738	265 052846	265 053018	265 053044	265 053520
		265 132650	265 132914	265 133257	265 151444	266 121244	295 062233			
39	-50.2	255 003805	255 003953	255 050640	256 063420	256 063813	257 071514	258 093253		
39	-45.3	259 131713	263 093742	264 122212	265 053456	265 151528	266 121329	294 070040	294 070046	294 070052
		294 070224	295 062317							
39	-40.3	255 004238	255 050725	257 071615						
39	-35.3	259 132003	263 093830	264 122512	265 151615	266 121418	295 062406			
39	-30.3	255 050826	257 071725							
39	-25.3	259 132049	263 093946	264 122622	265 151746	266 121543	295 062451			
39	-20.3	255 050911	257 071830							
39	-15.3	259 132134	263 094102	264 122735	265 151922	266 121802				
39	-10.5	255 050956	257 071938							
39	-5.6	255 051030	259 132343	263 094221	264 122848	265 152049	266 121925			
39	0.7	257 072045								
39	4.3	255 051219	259 132428	263 094458	264 123000	265 152534	266 122049			
39	9.3	257 072153								
39	14.4	255 051305	259 132514	263 094615	264 124456	265 152656	266 122226	267 070305	267 083703	267 083720
39	19.4	257 072238								
39	24.3	255 051350	259 132559	263 094832	264 124647	265 152904	266 122430	267 070350	267 074645	267 083805
39	29.2	257 072409	296 065001	296 065047						
42	-60.1	256 074519	256 074520	256 075636	256 075642	256 075814	256 080648	259 131614	263 093644	264 122114
		265 151429	266 121231	295 062219						
42	-55.2	255 050627	256 063804	257 040431	257 071459	294 065810	294 065816			
42	-50.2	259 131659	263 093729	264 122158	265 053116	265 133031	265 133051	265 151515	266 121316	294 065822
		295 062304								
42	-45.3	255 004230	255 050712	256 075911	257 071602					
42	-40.3	259 131744	263 093815	264 122243	265 151600	266 121400	295 062348			
42	-35.3	255 050757	257 071647							
42	-30.3	256 075915	259 132036	263 093902	264 122544	265 151648	266 121449	295 062438		
42	-25.3	255 050858	257 071756							

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)						
48	-20.3	259 132115	263 094014	264 122650	265 151812	266 121610	295 062519						
48	-15.3	255 050938	257 071856										
48	-10.5	259 132201	263 094130	264 122801	265 151949	266 121830	290 070457	290 070503	349 042115	349 054346			
48	-5.6	257 072004											
48	0.7	255 051156	259 132410	263 094249	264 122915	265 152117	266 121952	296 094357					
48	4.3	257 072112											
48	9.3	255 051241	259 132456	263 094557	264 124438	265 152638	266 122148						
48	14.4	257 072220	267 074627										
48	19.4	255 051327	259 132541	263 094737	264 124558	265 152803	266 122335	267 070331	267 083747				
48	24.3	257 072351											
48	29.2	255 051312 267 092619	263 094939 296 065028	264 124747 296 065114	265 153010	266 123242	266 123724	267 070418	267 074713	267 083928			
51	-65.1	259 131552	263 093621	264 122051	265 151408	266 121208	295 062156						
51	-60.1	254 235231	255 050604	256 063750	257 071438								
51	-55.2	259 131637	263 093707	264 122135	265 151452	266 121253	295 062241						
51	-50.2	255 004217	255 050650	256 063822	257 071539								
51	-45.3	254 062609	254 235017	259 131722	263 093752	264 122221	265 151537	266 121339	295 062327				
51	-40.3	255 004248	255 050734	257 071624									
51	-35.3	259 132013	263 093839	264 122521	265 151625	266 121426	295 062415						
51	-30.3	254 062548	254 235013	255 050835	257 071734								
51	-25.3	259 132057	263 093956	264 122632	265 151755	266 121552	295 062501						
51	-20.3	255 050920	257 071838										
51	-15.3	254 062525	254 235009	259 132143	263 094112	264 122743	265 151932	266 121811					
51	-10.5	255 051005 290 061855 349 020846	257 071946 290 061901 349 021221	290 061610 290 061907 349 021227	290 061722 290 063136 349 021232	290 061728 290 070539 349 021238	290 061734 295 064226 349 021243	290 061740 296 095520 349 021438	290 061844 349 020834 349 021443	290 061850 349 020840 349 021449			
51	-5.6	255 021448 255 022152 255 083828 257 024255 258 021343 258 024233 259 022417 259 132352 260 025321 261 040634 262 041834 262 044048 262 074611 262 074915 263 042713 264 041809 266 121934 289 062300 294 060934 296 095101	255 021535 255 022222 255 083833 257 024329 258 021354 258 024317 259 022423 260 025116 260 025407 261 040725 262 041843 262 060553 262 074655 262 075015 263 042721 264 042005 266 233937 289 062605 295 055200 296 095203	255 021711 255 022227 255 083907 257 024335 258 021405 258 024328 259 022505 260 025139 260 025416 261 040733 262 041851 262 074343 262 074705 263 035931 263 042730 264 042116 267 062458 289 062616 295 055208 296 095244	255 021843 255 022232 256 065601 257 024341 258 024022 258 024340 259 022511 260 025147 260 025424 261 040819 262 041933 262 074354 262 074716 263 042534 263 042817 264 054927 267 143222 294 055757 295 055613 296 095356	255 022039 255 022324 257 024141 257 024423 258 024112 258 042801 259 022517 260 025204 261 040543 261 040828 262 041943 262 074442 262 074754 263 042549 263 042825 264 122857 267 143233 294 055808 295 060033 296 095514	255 022043 255 022329 257 024210 257 024429 258 024123 259 022234 259 022616 260 025212 261 040559 261 040836 262 041951 262 074452 262 074754 263 042557 263 042835 265 054646 267 143819 294 060849 295 060040	255 022048 255 022334 257 024216 257 024435 258 024134 259 022240 259 022627 260 025221 261 040559 262 041758 262 042038 262 074502 262 074805 263 042614 263 042835 265 134843 267 143824 294 060900 295 060155	255 022143 255 022435 257 024243 257 050511 258 024211 259 022246 259 022638 260 025304 261 040616 262 041809 262 042046 262 074549 262 074853 263 042622 263 042835 265 152059 267 144943 294 060911 295 060202	255 022147 255 051020 257 024249 258 021244 258 024222 259 022411 259 022957 260 025312 261 040625 262 041817 262 042055 262 074600 262 074904 263 042631 264 041801 266 072349 267 144949 294 060922 295 064328			
51	0.7	254 062508	254 235004	255 021301	256 005858	257 072054	261 062613	349 021630	349 021635	349 021641			
51	4.3	255 051209	259 132437	263 094507	264 123010	265 152543	266 122058						
51	9.3	257 072201	267 143151	267 143203									
51	14.4	254 062451 267 083729	254 234959	255 051256	259 132523	263 094625	264 124504	265 152705	266 122234	267 070314			
51	19.4	257 072248											
51	24.3	255 051341	259 132608	263 094841	264 124655	265 152913	266 122438	267 070359	267 074653	267 083814			
51	29.2	254 062242	254 234955	257 072418	296 065011	296 065055							
54	-70.1	265 145104											
54	-65.1	257 060656	258 033427	259 105910	261 050331	262 063810	263 071556	263 132333	264 045335	265 045724			

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT) 266 014616	TIME (GMT) 266 054617	TIME (GMT) 266 113000	TIME (GMT)					
54	-60.1	259 131605	259 172543	263 093635	264 122104	265 151421	266 064354	295 062210		
54	-55.2	255 050617 258 014929 260 024135 263 041705 266 070506	256 063755 258 014940 261 034712 264 040958 266 070521	257 012932 258 014951 261 034814 264 041009 266 070529	257 012938 259 021101 261 034823 264 041018	257 012944 259 021107 262 040922 265 073005	257 020218 259 021113 262 040950 265 073043	257 020224 259 163409 262 040959 265 073119	257 020230 259 164428 263 041645 265 073128	257 071451 260 024124 263 041656 266 070427
54	-50.2	257 060232 264 045034 295 062254	258 033029 264 122150	259 105657 265 045222	259 131650 265 151505	261 050118 265 202318	262 063557 266 014137	263 065223 266 054318	263 093720 266 112650	263 132119 266 121306
54	-45.3	255 004220 264 080129	255 050703 264 080134	256 063831 264 080139	257 071552 264 080144	264 075934 264 080147	264 080040	264 080116	264 080121	264 080126
54	-40.3	259 131736 264 080302 266 121352	259 163110 264 080306 295 062340	259 163132 264 080311	259 164214 264 080315	259 172330 264 080320	263 093805 264 080324	264 080157 264 080329	264 080238 264 122234	264 080257 265 151551
54	-35.3	255 004257 263 132115 264 080416	255 050748 264 045030 264 080421	257 060227 264 080338 265 045218	257 071637 264 080349 265 202313	258 033024 264 080353 266 014133	259 105652 264 080358 266 054314	261 050114 264 080402 266 112646	262 063553 264 080407	263 065218 264 080411
54	-30.3	257 024811 259 132026 262 044354 264 080437 265 074227 295 062428	257 024817 260 025559 263 043011 264 080441 265 074251	257 024823 260 025630 263 043023 264 080446 265 074315	258 024629 260 025639 263 043033 264 080451 265 074323	258 024639 261 041000 263 093853 264 080456 265 151638	258 024650 261 041007 264 042244 264 080500	259 032516 261 041015 264 042302 264 080504 266 072530	259 032528 262 044308 264 042311 264 080509 266 072600	259 032538 262 044318 264 042316 264 122535 266 121441
54	-25.3	255 050849 264 080545	257 071748 264 080550	259 163105 264 080553	259 164211 264 080558	259 172325 264 080603	264 080517	264 080532	264 080536	264 080540
54	-20.3	257 060223 262 072123 262 072514 264 080613 264 122645	258 033019 262 072247 262 072606 264 080620 265 045213	259 105648 262 072252 262 072618 264 080623 265 151809	259 132112 262 072257 262 072629 264 080628 265 202310	261 050110 262 072357 262 072744 264 080633 266 014129	262 063548 262 072408 263 065213 264 080638 266 054310	262 071825 262 072418 263 094009 264 080642 266 112641	262 071836 262 072452 263 132111 264 080646 266 121605	262 072112 262 072503 264 045026 264 080651 295 062514
54	-15.3	255 050934 264 080733	257 071851 264 080738	264 080700	264 080707	264 080712	264 080716	264 080720	264 080725	264 080730
54	-10.5	259 132156 264 080845	259 163102 264 080849	259 164206 264 080854	259 172320 264 080939	263 094125 264 081315	264 080748 264 081320	264 080818 264 122756	264 080836 265 151945	264 080841 266 121825
54	-5.6	257 060219 264 045021 264 081405	257 072000 264 081328 265 045209	258 032948 264 081334 265 202305	258 033008 264 081339 266 014124	259 105643 264 081342 266 054305	261 050105 264 081347 266 112636	262 063544 264 081352	263 065210 264 081352	263 132106 264 081400
54	0.7	255 051201 264 081504	259 132405 264 081509	263 094244 264 081514	264 081415 264 081519	264 081434 264 122910	264 081447 265 152112	264 081451 266 121947	264 081456	264 081501
54	4.3	257 072107 264 081551	259 163057 264 081555	259 164201 264 081600	259 172317 264 081605	264 081527	264 081533	264 081537	264 081542	264 081546
54	9.3	255 051246 263 094553 264 081705 266 054300	257 060029 263 132101 264 081708 266 112632	257 060114 264 045017 264 081713 266 122144	258 032943 264 081613 264 081718	259 105639 264 081634 264 124433	259 132452 264 081647 265 045204	261 050101 264 081650 265 152633	262 063539 264 081655 265 202300	263 065205 264 081700 266 014119
54	14.4	257 072215 264 081805	264 081727	2 4 081734	264 081737	264 081742	264 081747	264 081752	264 081755	264 081800
54	19.4	255 051332 264 081856 264 124554	259 132537 264 081859 265 152758	259 163052 264 081904 266 122331	259 164156 264 081909 267 070327	259 172312 264 081914 267 074622	263 094733 264 081917 267 083742	264 081814 264 081922	264 081836 264 081931	264 081851 264 082049
54	24.3	257 060025 264 082126 264 082257	257 072346 264 082147 264 082305	258 032938 264 082150 265 045200	259 105634 264 082155 265 202255	261 050056 264 082200 266 014115	262 063535 264 082205 266 054256	263 065200 264 082209 266 112628	263 132058 264 082240	264 045012 264 082248
54	29.2	255 051417 264 082502 296 065024	259 164153 264 124731 296 065111	259 172307 265 152955 296 065533	263 094921 266 123225	264 082413 266 123710	264 082433 267 070413	264 082440 267 074708	264 082449 267 083903	264 082455 267 092647
54	34.1	259 163048								
57	-65.1	259 131556	263 093626	264 122056	265 151412	266 121213	295 062158			
57	-60.1	254 065218	255 050609	257 071442						
57	-55.2	259 131642	263 093711	264 122140	265 053842	265 151457	266 121258	295 062246		
57	-50.2	255 050653	256 063826	257 071544						
57	-45.3	259 131726	263 093757	264 122225	265 151542	266 121342				
57	-40.3	255 004252	255 050739	257 071629						

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)								
57	-35.3	259 132018	263 093844	264 122526	265 151630	266 121431	295 062420				
57	-30.3	255 050840	257 071738								
57	-25.3	259 132102	263 094001	264 122637	265 151759	266 121557	295 062504				
57	-20.3	254 020535 259 032420 262 044240 265 074159	255 050925 259 032431 262 044249 265 074207	257 024721 259 032442 262 044257 265 074216	257 024727 260 025530 263 042942 266 072503	257 024733 260 025539 263 042951 266 072511	257 071843 260 025547 263 043000 266 072519	258 024537 261 040932 264 042216	258 024548 261 040940 264 042225	258 024559 261 040948 264 042233	
57	-15.3	259 132148	263 094115	264 122748	265 151936	266 121815					
57	-10.5	255 051009	257 071951								
57	-5.6	255 051015	259 132356	263 094235	264 122901	265 152102	266 121938				
57	0.7	254 020714	257 072059								
57	4.3	255 051204	259 132441	263 094511	264 123015	265 152547	266 122102				
57	9.3	257 072206									
57	14.4	254 020854	255 051251	259 132528	263 094630	264 124509	265 152709	266 122239	267 070319	267 083734	
57	19.4	257 072252									
57	24.3	255 051336 267 083819	259 132613	264 124700	265 152917	265 161057	266 122443	266 123618	267 070404	267 074658	
57	29.2	257 072422	263 094846	296 065014	296 065100						
60	-60.1	255 051454 266 121217	255 052305 295 062205	255 052341	255 054336	256 080446	259 131601	263 093631	264 122100	265 151416	
60	-55.2	255 050614	257 071446								
60	-50.2	255 052434	259 131645	263 093716	264 122145	265 151502	266 121302	295 062251			
60	-45.3	255 050658	256 075952	257 071548							
60	-40.3	255 052528	259 131731	263 093800	264 122230	265 151546	266 121347	295 062335	295 063203		
60	-35.3	255 050743	257 071633								
60	-30.3	255 052623 262 073054 295 062425	256 075949 262 073144	259 132021 262 073156	262 072855 262 073207	262 072943 262 073307	262 072954 263 093848	262 073006 264 122530	262 073032 265 151634	262 073043 266 121436	
60	-25.3	255 050844	257 071743								
60	-20.3	255 052717	259 132107	263 094004	264 122640	265 151804	266 121601	295 062509	295 063532		
60	-15.3	255 050929	256 075944	257 071848	262 072833	262 072844					
60	-10.5	255 052812 259 023121 262 044145 264 122753	257 024630 259 132152 262 044153 265 074130	257 024636 260 025501 263 042913 265 074138	257 024642 260 025510 263 042922 265 074147	258 024435 260 025518 263 042930 265 151940	258 024445 261 040903 263 094120 266 072434	258 024456 261 040911 264 042147 266 072442	259 023058 261 040919 264 042156 266 072451	259 023109 262 044136 264 042204 266 121820	
60	-5.6	257 071956									
60	0.7	255 052924	256 075939	259 132401	263 094240	264 122906	265 152107	266 121942			
60	4.3	257 072103									
60	9.3	255 053018 265 152621	259 132447 266 122108	263 094516 266 122133	263 094541	264 123020	264 123045	264 124317	264 124406	265 152553	
60	14.4	256 075934	257 072212								
60	19.4	255 053113 266 122244	259 132532 266 122318	263 094633 267 070322	263 094720 267 074533	264 124513 267 074544	264 124543 267 083739	265 152714	265 152743	265 161052	
60	24.3	257 072343									
60	29.2	255 053207 267 083825	263 095609 267 092734	264 125038 296 065019	265 153231 296 065106	266 122519	266 123543	266 124008	267 070409	267 074704	
63	-65.1	258 093500 264 132230	258 095253 265 070159	259 132650 265 070524	259 133032 265 153340	263 095714 265 153421	263 102435 265 163533	264 125148 266 124111	264 125205 266 131716	264 125300 266 131748	
63	-60.1	257 072500									
63	-55.2	255 052430 259 021141 262 041009 264 041044	257 020300 259 021147 262 041018 264 125439	257 020306 259 133159 262 041026 265 070617	257 020312 260 024145 263 041716 265 073139	258 015010 260 024153 263 041724 265 073147	258 015021 260 024202 263 041732 265 153547	258 015032 261 034832 263 095844 266 070540	258 093643 261 034841 264 041027 266 070540	259 021135 261 034849 264 041036 266 070548	

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT) 266 070556	TIME (GMT) 266 131914	TIME (GMT)	TIME (GMT)						
63	-45.3	255 052524	258 093737	259 133253	263 095938	264 125534	265 070711	265 153642	266 132008	295 063113	
63	-35.3	255 052617	258 093832	259 133448	263 100129	264 125630	265 070808	265 153738	295 063212		
63	-30.3	262 073501 262 073811	262 073554 262 073905	262 073605 262 073916	262 073616 262 073927	262 073701 262 074032	262 073712	262 073723	262 073750	262 073800	
63	-25.3	255 052712 295 063306	258 093926 295 063320	259 133542	263 100223	263 100246	264 125724	264 125745	265 153833	265 154140	
63	-15.3	255 052807 295 063427	258 094021 295 063502	259 133636	263 100349	263 100748	264 125846	264 125907	265 154245	265 154305	
63	-5.6	255 052901	258 094116	259 133913	263 100853	263 100915	264 130012	264 130030	265 154413		
63	4.3	255 053014 267 074855	258 094210	259 134007	263 101023	263 101051	264 130132	264 130150	265 154507	265 154526	
63	14.4	255 053108 265 082959 265 083214	258 094304 265 083006 265 154629	259 134102 265 083015 265 154657	263 101153 265 083022 266 140934	263 101220 265 083029 296 065255	264 130254 265 083038	264 130317 265 083045	265 082818 265 083054	265 082906 265 083110	
63	19.4	265 083259 265 083417	265 083306 265 083426	265 083313	265 083322	265 083332	265 083340	265 083350	265 083358	265 083407	
63	24.3	255 053202 265 083705	258 094358 265 083714	259 134157 265 083722	263 101358 265 083730	264 130520 265 083740	265 083601 265 083750	265 083637 265 161102	265 083647 266 140818	265 083655 296 065500	
63	29.2	296 065555									
66	-70.1	289 051749									
66	-65.1	295 062839									
66	-60.1	255 052344 295 063020	258 093638	259 133155	263 095839	264 125435	265 070613	265 153543	266 131910	295 063015	
66	-50.2	255 052438	258 093732	259 133248	263 095934	264 125529	265 070708	265 153637	266 132003	295 063109	
66	-40.3	255 052533	258 093826	259 133342	259 133417	263 100122	264 125623	265 070800	265 153731	266 132058	
66	-30.3	255 052628 265 153828	257 050148 266 132156	258 042325 266 132221	258 093922 295 063301	259 133538	262 060220	263 100219	264 125720	265 070857	
66	-25.3	256 005211	261 062330								
66	-20.3	255 052722	258 094016	259 133633	263 100344	264 125842	265 154240	266 132322	266 132345	295 063422	
66	-10.5	255 052816	258 094110	259 133727	259 133802	263 100845	264 130006	265 154405	266 132449	295 063558	
66	-5.6	257 024012 258 021154 261 040519 264 041727 266 132829	257 024018 258 021205 261 040528 264 041735	257 024024 259 022133 262 041726 265 073839	258 020907 259 022139 262 041734 265 073847	258 020918 259 022145 262 041742 265 073855	258 020929 260 025044 263 042502 265 073912	258 021005 260 025052 263 042510 266 072315	258 021042 260 025100 263 042519 266 072323	258 021143 261 040511 264 041719 266 072332	
66	0.7	255 052929	258 094206	259 134004	263 101019	264 130127	265 154502				
66	4.3	266 132931	266 133005								
66	9.3	255 053022	258 094259	259 134058	263 101148	264 130249	265 154624				
66	14.4	266 133107	266 133141	266 140355							
66	19.4	255 053117	258 094353	259 134152	263 101355	264 130515	265 161049				
66	24.3	266 133330	296 065457								
66	29.2	255 053211	266 140901	296 065551							
69	-65.1	258 093553	259 133110	263 095755	264 125350	265 070527	265 153458	266 131824	295 062929		
69	-60.1	254 065154	254 235225	266 140033							
69	-55.2	255 052425 266 135719	258 093646 266 135901	259 133204 295 063023	263 095849	264 125444	265 070622	265 153552	266 131918	266 135642	
69	-45.3	254 062718 266 132012	254 235023 295 063118	255 052519	258 093740	259 133258	263 095943	264 125537	265 070716	265 153645	
69	-35.3	255 052613	258 093837	259 133453	263 100133	264 125635	265 070813	265 153743	266 132151	295 063217	
69	-30.3	254 062843	254 235028	295 064029							
69	-25.3	255 052708 262 060306 266 132318	256 065328 263 100258 295 063336	257 045916 264 054715	257 050220 264 125757	258 042125 265 054439	258 042357 265 054444	258 093931 265 054506	259 133547 265 134653	262 055223 265 154154	

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)								
69	-20.3	255 020301	256 004754	256 005258	261 062032	261 062422	265 054403				
69	-15.3	254 062913 264 054631	254 235032 264 125920	255 052803 265 054358	256 065154 265 134608	258 042040 265 154321	258 094025 266 132441	259 133641 295 063514	262 055139	263 100801	
69	-10.5	255 020215	256 004708	261 061946							
69	-5.6	255 052856	258 094120	259 133918	263 100934	264 130042	265 154416				
69	0.7	254 062934	254 235036	266 132926							
69	4.3	255 053009 259 022049 262 041657 264 041708 267 075000	257 023920 259 022055 262 041705 264 130204	257 023926 259 134012 262 041714 265 073811	257 023932 260 025015 263 042433 265 073819	258 020812 260 025023 263 042441 265 073828	258 020823 260 025032 263 042450 265 154538	258 020835 261 040442 263 101103 266 072246	258 094214 261 040450 264 041651 266 072255	259 022043 261 040459 264 041659 266 072303	
69	9.3	266 133102	266 140152								
69	14.4	254 063003	254 235041	255 053103	258 094309	259 134107	263 101232	264 130330	265 154718	296 065411	
69	19.4	257 045830	266 133325								
69	24.3	255 053158	258 094403	259 134201	263 101403	264 130523	265 161107	296 065505			
69	29.2	254 063021	254 235046	266 140120	296 055643	296 065415	296 065559				
72	-70.1	265 051147	265 145040								
72	-65.1	257 060651 266 014610	258 033421 266 054611	259 105904 266 112955	261 050326	262 063805	263 071550	263 132327	264 045329	265 045719	
72	-60.1	255 052349 295 063010	258 093633	259 133150	259 172537	263 095836	264 125430	265 070608	265 153538	266 131905	
72	-55.2	259 163403	259 164423								
72	-50.2	255 052443 263 095930 266 054324	257 060238 263 132125 266 112655	258 033033 264 045040 266 131958	258 093727 264 125524 295 063104	259 105702 265 045228	259 133244 265 070703	261 050125 265 153632	262 063602 265 202324	263 065228 266 014143	
72	-40.3	255 052537 265 153726	258 093821 266 132053	259 133338 266 132106	259 163202 295 063158	259 164220	259 172336	263 100117	264 125618	265 070757	
72	-35.3	257 060242 265 202328	258 033038 266 014148	259 105707 266 054329	261 050129 266 112700	262 063607	263 065232	263 132130	264 045045	265 045233	
72	-30.3	255 052632 265 070854	257 050121 265 153824	258 042304 266 132233	258 093918 295 063256	259 133533	262 055507	262 060110	263 100214	264 125715	
72	-25.3	256 005131 264 054712 264 065826	256 065323 264 065535 265 134648	257 045911 264 065754	258 042121 264 065758	259 163205 264 065803	259 164225 264 065808	259 172340 264 065812	261 062248 264 065816	262 055220 264 065821	
72	-20.3	255 020257 259 105711 263 100339 264 070219 265 054408	255 052727 259 133624 263 132134 264 070223 265 134612	256 004749 261 050133 264 045050 264 070228 265 154235	256 065159 261 062027 264 045107 264 070233 265 202333	257 045834 262 055142 264 054634 264 070236 266 014151	257 060246 262 060003 264 065835 264 070241 266 054333	258 033043 262 060039 264 070044 264 070246 266 112705	258 042045 262 063612 264 070142 264 125838 266 132356	258 094012 263 065237 264 070215 265 045236 295 063417	
72	-15.3	255 020220 264 070432	256 004712 264 070435	261 061951 264 070440	264 070254 264 070445	264 070346	264 070414	264 070417	264 070422	264 070427	
72	-10.5	255 052821 264 070516 295 063555	258 094106 264 070521	259 133722 264 070526	259 163210 264 070531	259 164229 264 070534	259 172344 264 070539	263 100842 264 070544	264 070453 264 130001	264 070513 265 154401	
72	-5.6	257 060251 264 070552 264 070724	258 033048 264 070629 265 045241	258 033124 264 070653 265 202337	259 105716 264 070658 266 014156	261 050138 264 070702 266 054337	262 063617 264 070706 266 112709	263 065242 264 070711 266 132841	263 132139 264 070716	264 045140 264 070720	
72	0.7	255 052933 264 070839	258 094201 264 070844	259 133959 264 070848	263 101014 264 070853	264 070734 264 070857	264 070805 264 130123	264 070825 265 154457	264 070830	264 070835	
72	4.3	259 163215 264 070953	259 164234 264 070958	259 172349 264 071002	264 070906 266 133017	264 070930	264 070935	264 070940	264 070944	264 070949	
72	9.3	255 053027 263 101144 264 071119 266 054342	257 060341 263 132144 264 071122 266 112713	258 033134 264 045145 264 071127	258 094256 264 071011 264 071132	259 105720 264 071039 264 130245	259 134053 264 071101 265 045246	261 050143 264 071104 265 154619	262 063620 264 071109 265 202342	263 065246 264 071114 266 014201	
72	14.4	257 023750 259 021949 262 041627 264 071140 265 073742	257 023814 259 021955 262 041636 264 071157 265 073750	257 023820 259 022001 262 041645 264 071202 265 073759	258 020434 260 024935 263 042359 264 071206 266 071135	258 020446 260 024954 263 042412 264 071211 266 072226	258 020457 260 025003 263 042421 264 071215 266 072234	258 020623 261 040414 264 041621 264 071220 266 133153	258 020634 261 040421 264 041630 264 071224	258 020646 261 040430 264 041639 264 071229	
72	19.4	255 053121	258 094350	259 134147	259 163220	259 164238	259 172353	263 101350	264 071238	264 071307	

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT) 264 071312 264 071521	TIME (GMT) 264 071317 264 071553	TIME (GMT) 264 071320 264 130510	TIME (GMT) 264 071325 265 161044	TIME (GMT) 264 071330 264 071335	TIME (GMT) 264 071335 264 071430	TIME (GMT) 264 071448 264 071504	TIME (GMT) 264 071430 264 071448	TIME (GMT) 264 071448 264 071504	TIME (GMT) 264 071504 264 071504
72	24.3	257 060345 264 075007 265 045251	258 033139 264 075106 265 202346	259 105725 264 075145 266 014206	261 050146 264 075149 266 054347	262 063625 264 075154 266 112718	263 065251 264 075159 266 133333	263 132148 264 075203 296 065452	264 045150 264 075207	264 071602 264 075508	
72	29.2	255 053216	259 164243	259 172358	296 065546						
72	34.1	259 163223									
75	-65.1	258 093557	259 133114	263 095800	264 125354	265 070532	265 153503	266 131829	295 062726	295 062934	
75	-55.2	255 052420 267 145050	258 093651 267 150113	259 133208 295 063028	263 095854	264 125448	265 070627	265 153556	266 131923	267 145040	
75	-50.2	256 064319	257 045358	258 041501	261 054827	264 053832	264 053836	265 053835	265 133825	266 063829	
75	-45.3	255 005121 265 153650	255 005919 266 132017	255 052515 295 063122	256 004350	258 093745	259 133302	263 095947	264 125542	265 070721	
75	-35.3	255 052609	258 093842	259 133457	263 100138	264 125639	265 070817	265 153748	266 132146	295 063220	
75	-25.3	255 020831 259 133551 265 054436	255 052704 262 055215 265 054533	256 065318 262 055600 265 134645	256 065435 262 060347 265 134740	257 045906 262 060439 265 154159	257 050248 263 100303 266 132313	258 042116 264 054707 295 063341	258 042521 264 054726	258 093936 264 125801	
75	-20.3	255 020252 261 062455	255 020404 262 055147	256 004744 264 054639	256 005347 265 134617	256 065013 295 063518	256 065202	257 045839	258 042050	261 062022	
75	-15.3	255 020225 262 055134	255 052758 263 100806	256 004717 264 054626	256 065149 264 125925	257 045826 265 054355	258 042035 265 134604	258 094030 265 154324	259 133642 266 132436	261 061956	
75	-10.5	255 020212	256 004703	261 061941							
75	-5.6	255 052852	258 094125	259 133923	263 100938	264 130047	265 154421				
75	0.7	266 132921									
75	4.3	255 053005	258 094219	259 134017	263 101107	264 130208	265 154543	267 075004			
75	9.3	266 133059									
75	14.4	255 053100	258 094314	259 134111	263 101235	264 130335	265 154723				
75	19.4	266 133320									
75	24.3	255 053153 258 020234 259 134205 262 041612 265 073711	257 021116 258 020245 260 024903 263 042328 265 073719	257 021122 258 020348 260 024911 263 042336 265 073727	257 021128 258 020359 260 024919 263 042345 265 161110	257 021206 258 020410 261 040343 263 101408 266 071104	257 021212 258 094408 261 040351 264 041548 266 071112	257 021218 259 021852 261 040400 264 041557 266 071120	257 023710 259 021858 262 041554 264 041605 296 065510	258 020223 259 021904 262 041604 264 130528	
75	29.2	296 065604									
78	-60.1	255 052354 295 063005	256 080441	258 093628	259 133146	263 095831	264 125426	265 070604	265 153534	266 131900	
78	-55.2	295 063059									
78	-50.2	255 052448 265 053830	256 064314 265 070658	257 045353 265 133820	258 041456 265 153627	258 093722 266 063825	259 133240 266 131955	261 054822	263 095925	264 125519	
78	-45.3	255 005117	255 005915	256 004346	256 075958						
78	-40.3	255 052541 295 063154	258 093816	259 133334	263 100112	264 125613	265 070752	265 153722	266 132048	266 132111	
78	-30.3	255 052636 265 070849	256 080003 265 153819	257 050101 266 132237	258 042244 295 063253	258 093913	259 133529	262 055402	263 100209	264 125711	
78	-25.3	256 005058	256 065314	257 045901	258 042112	261 062215	262 055210	264 054702	265 054431	265 134640	
78	-20.3	254 020056 257 050403 263 100335 266 132400	254 020236 258 042053 264 054644 295 063412	254 020415 258 042643 264 054830	255 020248 258 094007 264 125833	255 052730 259 133623 265 054411	256 004739 261 062019 265 054607	256 065253 262 055152 265 134622	256 065509 262 060511 265 134813	257 045844 262 060518 265 154231	
78	-15.3	255 020230	255 020433	255 020622	256 004721	256 005804	256 080006	261 061959	261 062528		
78	-10.5	255 052825 295 054502	258 094102 295 054701	259 133717 295 054707	263 100837 295 054712	264 125956 295 054811	265 154356 295 063550	295 054336	295 054450	295 054456	
78	-5.6	266 132846									
78	0.7	255 052937	256 080011	258 094156	259 133954	263 101010	264 130118	265 154452			
78	4.3	266 133022									
78	9.3	255 053032	258 094251	259 134049	263 101140	264 130240	265 154614				

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)							
78	14.4	256 080016	266 133158								
78	19.4	255 053126	258 094345	259 134143	263 101345	264 130505	265 161039				
78	24.3	266 133338	296 065447								
78	29.2	255 053220	296 065541								
81	-65.1	258 093602	259 133119	263 095805	264 125358	265 070537	265 153506	266 131833	295 062939		
81	-55.2	255 052417	258 093656	259 133213	263 095858	264 125453	265 070631	265 153601	266 131927	295 063033	
81	-50.2	256 064309	257 045349	258 041452	261 054817	264 053827	265 053825	265 133815	266 063820	295 063523	
81	-45.3	255 005112 258 041152 265 070724	255 005602 258 041322 265 133513	255 005911 258 093750 265 133607	255 052510 259 133307 265 133649	256 004341 261 054622 265 153655	256 064131 263 095952 266 063637	256 064140 264 053631 266 132021	257 045045 264 125547 295 063127	257 045224 265 053657	
81	-40.3	255 004433	255 004442	255 005739	256 003953	256 004130					
81	-35.3	255 052604	258 093846	259 133502	263 100143	264 125643	265 070821	265 153753	266 132143	295 063225	
81	-25.3	255 020940 262 055205 265 154204	255 052659 263 100308 266 132308	256 065310 264 054658 295 063346	256 065503 264 054824	257 045858 264 125805	257 050356 265 054426	258 042107 265 054601	258 042602 265 134635	258 093940 265 134806	
81	-20.3	255 020243 258 042058	255 020427 261 062014	255 021103 261 062522	256 004736 262 055156	256 005450 264 054649	256 005546 265 054416	256 005719 265 134626	256 065300	257 045848	
81	-15.3	255 020233 262 055129	255 052754 263 100810	256 004726 264 054621	256 065145 264 125930	257 045821 265 054350	258 042030 265 134559	258 094034 265 154329	259 133647 266 132431	261 062004	
81	-10.5	255 020207	256 004659	261 061938							
81	-5.6	255 052848	258 094130	259 133928	263 100943	264 130051	265 154426				
81	0.7	266 132918									
81	4.3	255 053000	258 094224	259 134022	263 101112	264 130213	265 154548	267 075009			
81	9.3	265 075856 265 081912	265 080000 265 081921	265 081539 265 081931	265 081648 265 081940	265 081818 266 133054	265 081831	265 081841	265 081851	265 081901	
81	14.4	255 053055 265 082200	258 094317 265 082209	259 134116 265 082218	263 101240 265 082227	264 130339 265 082238	265 082050 265 082247	265 082135 265 082257	265 082143 265 154727	265 082151 296 065420	
81	19.4	265 082403 266 133315	265 082447	265 082455	265 082504	265 082513	265 082523	265 082531	265 082540	265 082550	
81	24.3	255 053149	258 094411	259 134210	263 101413	264 130533	265 161115	296 065514			
81	29.2	296 065608									
84	-60.1	255 052359	258 093625	259 133141	263 095826	264 125421	265 070600	265 153529	266 131855	295 063002	
84	-50.2	255 052452 264 125516	256 064305 265 053822	257 045345 265 070653	258 041448 265 133811	258 093719 265 153624	259 133235 266 063816	261 054813 266 131950	263 095920 295 063055	264 053822	
84	-45.3	255 005107 266 063726	255 005906	256 004337	256 064216	257 045256	258 041358	261 054723	264 053733	265 053732	
84	-40.3	255 005018 265 153717	255 005817 266 132043	255 052546 266 132115	256 004217 295 063149	258 093813	259 133329	263 100109	264 125610	265 070747	
84	-35.3	255 081311	255 081443	255 081449							
84	-30.3	255 052641 265 153815	257 050038 266 132241	258 042225 295 063248	258 093908	259 133524	262 055333	263 100205	264 125706	265 070844	
84	-25.3	256 005026	261 062143								
84	-20.3	255 052735 264 125828	256 065305 265 054421	257 045852 265 134630	258 042103 265 154227	258 094003 266 132405	259 133620 289 052624	262 055200 295 063409	263 100331	264 054652	
84	-15.3	255 020238	256 004730	261 062009							
84	-10.5	255 052830	258 094057	259 133712	263 100832	264 125952	265 154352	295 063545			
84	-5.6	266 132850									
84	0.7	255 052942	258 094152	259 133950	263 101005	264 130114	265 154449				
84	4.3	266 133027									
84	9.3	255 053036	258 094246	259 134045	263 101135	264 130236	265 154611				
84	14.4	266 133203	296 064616								
84	19.4	255 053131	258 094340	259 134139	263 101340	264 130501	265 161034				

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)
84	24.3	266 133343	296 065442								
84	29.2	255 053224	296 065537	296 065721							
87	-65.1	258 093607	259 133123	263 095808	264 125403	265 070542	265 153511	266 131837	295 062944		
87	-60.1	254 065133	254 235219								
87	-55.2	255 052412	258 093701	259 133217	263 095902	264 125457	265 070635	265 153606	266 131932	295 063037	
87	-50.2	256 064301 294 061549	257 045340 294 061704	258 041443 294 061726	261 054809	264 053817	265 053817	265 133807	266 063811	294 061538	
87	-45.3	254 063347 258 093755 266 063731	254 235113 259 133311 266 132025	255 005103 261 054728 294 061527	255 005901 263 095957 294 061715	255 052506 264 053738 294 061821	256 004332 264 125552 294 061833	256 064220 265 053736 294 061844	257 045259 265 070729 295 063131	258 041403 265 153700	
87	-40.3	255 005022	255 005822	256 004222							
87	-35.3	255 052559 294 061236	258 093850 295 063230	259 133506	263 100147	264 125648	265 070826	265 153756	266 132138	294 061226	
87	-30.3	254 063328	254 235109								
87	-25.3	255 052654	256 004926	258 093944	259 133557	263 100312	264 125810	265 154207	266 132305	295 063349	
87	-15.3	254 063306 262 054843 265 154334	254 235105 262 055043 266 132428	255 052749 263 100814 295 063527	256 065129	257 045709	258 041901	258 041933	258 094039	259 133651	265 134534
87	-10.5	255 020132	256 004618	261 061829	261 061911						
87	-5.6	255 052843	258 094134	259 133931	263 100948	264 130055	265 154431				
87	0.7	254 063246	254 235100	266 132913							
87	4.3	255 052955	258 094228	259 134025	263 101116	264 130217	265 154551	267 075012			
87	9.3	266 133049									
87	14.4	254 063227 265 154731	254 235055 265 154802	255 053050 265 161004	258 094322 296 065425	259 134121	263 101245	263 101315	264 130343	264 130422	
87	19.4	266 133311									
87	24.3	255 053144	258 094416	259 134214	263 101417	264 130538	265 161120	296 065519			
87	29.2	254 063119	254 235051	289 051232							
90	-70.1	265 051129	265 145017								
90	-65.1	257 060645 266 014605	258 033416 266 054607	259 105859 266 112949	261 050321	262 063759	263 071545	263 132322	264 045324	265 045713	
90	-60.1	255 052402 295 062957	258 093620	259 133137	259 172531	263 095821	264 125416	265 070555	265 153525	266 131852	
90	-55.2	256 064326 295 063051	257 045405	258 041508	259 163358	259 164417	261 054834	264 053843	265 133832	266 063836	
90	-50.2	255 005927 259 105753 264 053814 266 054414	255 052457 259 133231 264 125511 266 063807	256 004358 261 050215 265 045318 266 112746	256 064256 261 054804 265 053812 266 131945	257 045335 262 063653 265 070649	257 060458 263 065318 265 133802	258 033230 263 095916 265 153619	258 041438 263 132216 265 202415	258 093714 264 045218 266 014233	
90	-45.3	255 005059 265 133726	255 005858 265 133730	256 004328 266 063736	256 064225	257 045304	258 041407	261 054733	264 053741	265 053741	
90	-40.3	255 005027 263 100010	255 005825 263 100056	255 052551 264 125605	256 004225 265 070742	258 093808 265 153713	259 133324 266 132040	259 163252 266 132120	259 164311 295 063145	259 172427	
90	-35.3	257 060453 265 202410 289 055947 289 060644	258 033225 266 014229 289 055958	259 105749 266 054410 289 060009	261 050210 266 112742 289 060019	262 063649 289 055647 289 060105	263 065315 289 055809 289 060128	263 132211 289 055820 289 060150	264 045213 289 055831 289 060443	265 045314 289 055842 289 060526	
90	-30.3	255 052646 265 070839	255 081625 265 153810	255 081630 266 132246	255 081634 295 063243	255 081639	258 093904	259 133520	263 100201	264 125702	
90	-25.3	259 163247 264 062901	259 164306 264 062906	259 172422 264 062910	264 062622	264 062839	264 062843	264 062848	264 062852	264 062856	
90	-20.3	255 052740 263 100326 264 063007 266 112737	257 060448 263 132206 264 063011 266 132409	258 033220 264 045208 264 063015 295 063404	258 093958 264 062919 264 125824	259 105744 264 062944 265 045309	259 133611 264 062949 265 154222	261 050205 264 062952 265 202405	262 063644 264 062957 266 014225	263 065310 264 063002 266 054406	
90	-15.3	264 063025	264 063114	264 063158	264 063201	264 063206	264 063211	264 063216	264 063219	264 063224	

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT) 264 063229	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)				
90	-10.5	255 052834 264 063302 295 063540	258 094052 264 063306	259 133709 264 063311	259 163243 264 063316	259 164302 264 063320	259 172417 264 063325	263 100828 264 063329	264 063238 264 125948	264 063258 265 154347	
90	-5.6	257 060444 264 063338 264 063514	258 033154 264 063412 265 045305	258 033209 264 063443 265 202400	259 105739 264 063448 266 014220	261 050202 264 063452 266 054401	262 063640 264 063456 266 112732	263 065305 264 063501 266 132855	263 132203 264 063506	264 045205 264 063511	
90	0.7	255 052947 264 063646	258 094148 264 063649	259 133946 264 063654	263 101001 264 063659	264 063523 264 063704	264 063552 264 130109	264 063633 265 154444	264 063636	264 063641	
90	4.3	259 163238 264 063754	259 164258 264 063758	259 172412 264 063803	264 063712 266 133030	264 063732	264 063736	264 063740	264 063745	264 063750	
90	9.3	255 053040 263 101130 264 064246 265 045300	257 060356 263 132158 264 064251 265 154606	258 033149 264 045200 264 064257 265 202357	258 094242 264 063811 264 064513 266 014215	259 105734 264 064154 264 064532 266 054357	259 134040 264 064228 264 064549 266 112729	261 050157 264 064233 264 064605	262 063635 264 064236 264 064623	263 065300 264 064241 264 130231	
90	14.4	264 064746 264 065037	264 064814 264 065054	264 064832 264 065115	264 064850 264 065134	264 064907 266 133208	264 064925 266 133246	264 064943	264 065000	264 065018	
90	19.4	255 053135	258 094335	259 134134	259 163234	259 164253	259 172408	263 101337	264 130457	265 161031	
90	24.3	257 060351 265 202352	258 033145 266 014211	259 105731 266 054352	261 050152 266 112724	262 063631 266 133347	263 065257 296 065438	263 132153	264 045155	265 045256	
90	29.2	255 053229	259 164248	259 172404							
90	34.1	259 163229									
93	-70.1	265 145303									
93	-65.1	258 093610 266 131842	259 133128 295 062947	263 095813	264 125408	265 070546	265 153516	265 161157	265 161323	265 161404	
93	-55.2	255 052407 264 125501 295 063041	256 064331 265 053847	257 045410 265 070640	258 041513 265 133837	258 093704 265 153610	259 133222 265 161448	261 054839 266 063841	263 095907 266 063846	264 053848 266 131937	
93	-50.2	255 005931 265 133758	256 004402 266 063802	256 064251	257 045331	258 041430	258 041434	261 054759	264 053809	265 053809	
93	-45.3	255 005054 259 133316 265 161534	255 005853 261 054737 266 063739	255 052501 263 100001 266 132030	256 004323 264 053746 295 063136	256 064229 264 125555	257 045309 265 053746	258 041411 265 070734	258 041416 265 133735	258 093758 265 153703	
93	-40.3	255 005032	255 005830	256 004230							
93	-35.3	255 052555	258 093855	259 133511	263 100151	264 125653	265 070831	265 153801	266 132133	295 063235	
93	-25.3	255 052650	258 093949	259 133601	263 100316	264 125815	265 154212	266 132300	295 063354		
93	-15.3	255 052745	258 094044	259 133659	263 100819	264 125938	265 154339	266 132423			
93	-5.6	255 052838	258 094138	259 133936	263 100952	264 130100	265 154434				
93	0.7	266 132908									
93	4.3	255 052951	258 094232	259 134030	263 101121	264 130221	265 154556	267 075017	267 075159	267 075210	
93	9.3	266 133044									
93	14.4	255 053045	258 094327	259 134125	263 101327	264 130447	296 065429				
93	19.4	259 102332	259 102621	266 133307							
93	24.3	255 053139	258 094421	259 103727	259 103737	259 134217	263 101421	264 130541	296 065522		
96	-60.1	255 053306 265 161445	255 053357 266 131847	256 080435 295 062952	258 093615	259 133132	263 095818	264 125412	265 070550	265 153520	
96	-55.2	256 064335	257 045414	258 041518	261 054843	264 053852	265 053852	265 133842			
96	-50.2	255 005936 264 053804 295 063046	255 053441 264 125506	256 004407 265 053804	256 064247 265 070645	257 045327 265 133753	258 093709 265 153614	259 133226 265 161529	261 054755 266 063758	263 095912 266 131940	
96	-45.3	255 005050 265 133740	255 005848 266 063744	256 004319	256 064234	256 080040	257 045313	261 054741	264 053751	265 053750	
96	-40.3	255 005036 265 153708	255 005835 265 161614	255 053526 265 161707	256 004235 265 161910	258 093803 265 162026	259 133320 266 132035	263 100005 266 132124	264 125600 295 063140	265 070739	
96	-30.3	255 053615 259 021243 261 035037	256 080035 259 021249 262 041139	257 020507 259 021255 262 041147	257 020538 259 133515 262 041156	257 020544 260 024309 262 041206	258 015124 260 024356 263 041846	258 015150 260 024404 263 041854	258 015200 260 024413 263 041903	258 093900 261 035029 263 100156	

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)								
102	-10.5	255 053908	258 094934	263 102105	264 131854	265 162956					
102	0.7	255 054035	258 095019	263 102150	264 131941	265 163043					
102	4.3	267 105809									
102	9.3	255 054122	258 095105	263 102318	264 132112	265 163415					
102	14.4	261 075222	261 075233	261 152523	261 152535	261 152547					
102	19.4	255 054207									
105	-65.1	258 033410	258 094508	259 134511	263 101603	264 130904	265 071145	265 161412			
105	-60.1	254 065102	254 235214	266 133739							
105	-55.2	255 053432	258 094553	259 134557	263 101648	264 130948	265 071229	265 161458			
105	-50.2	266 133824									
105	-45.3	254 063537	254 235121	255 053517	258 094638	259 134642	263 101733	264 131034	265 071314	265 161543	
105	-40.3	266 133909									
105	-35.3	255 053602	258 094724	259 134728	263 101856	264 131154	265 071403	265 162741			
105	-30.3	254 063558	254 235125								
105	-25.3	255 053702	258 094809	259 134813	263 101941	264 131238	265 162825	295 063959			
105	-20.3	295 063754									
105	-15.3	254 063623 258 094854 261 035208 264 041347 266 070905	254 235130 259 021500 262 041345 264 041356	255 053853 259 021506 262 041355 264 131324	257 020747 259 021512 262 041403 265 073507	257 020753 260 024514 263 042110 265 073516	257 020759 260 024523 263 042119 265 073524	258 015409 260 024531 263 042127 265 162911	258 015420 261 035151 263 102026 266 070849	258 015430 261 035159 264 041339 266 070857	
105	-5.6	255 054022	258 094942	263 102113	264 131904	265 163005	295 055045				
105	0.7	254 063648	254 235135								
105	4.3	255 054108	258 095029	263 102200	263 102234	264 131951	264 132018	265 163052	265 163323		
105	14.4	254 063717	254 235138	255 054154	258 095115	263 102327	264 132120	265 163425			
105	19.4	261 075137	261 075152	261 152416	261 152428	261 152440					
105	24.3	266 140528									
108	-70.1	265 051110	265 144953								
108	-65.1	257 060639 266 054601	259 105853 266 112944	261 050315 266 133704	262 063754	263 071539	263 132316	264 045318	265 045707	266 014559	
108	-60.1	255 053405	258 094539	259 134543	259 172527	263 101634	264 130935	265 071216	265 161435		
108	-55.2	259 163352	259 164411	266 133749							
108	-50.2	255 053450 263 101720 266 054422	257 060547 263 132223 266 112754	258 033237 264 045225	258 094625 264 131020	259 105801 265 045326	259 134627 265 071301	261 050222 265 161520	262 063701 265 202422	263 065327 266 014240	
108	-45.3	266 133834									
108	-40.3	255 053535 265 161606	258 094709	259 134713	259 163259	259 164318	259 172434	263 101804	264 131105	265 071345	
108	-35.3	257 060592 265 202427	258 033242 266 014245	259 105805 266 054426	261 050226 266 112758	262 063705	263 065330	263 132228	264 045230	265 045330	
108	-30.3	255 053625	258 094756	259 134800	263 101926	264 131225	265 071435	265 162812			
108	-25.3	259 163304	259 164323	259 172439	263 054855						
108	-20.3	255 053720 263 055021 263 132233 295 063830	257 060556 263 055024 264 045235	258 033246 263 055029 264 131311	258 094841 263 055034 265 045335	259 105809 263 055039 265 162857	261 050231 263 055042 265 202430	262 063710 263 055047 266 014250	263 054941 263 065335 266 054431	263 055016 263 102013 266 112805	
108	-15.3	263 055056 263 055501	263 055105 263 055506	263 055109 263 055510	263 055114 263 055515	263 055118 263 055519	263 055122 263 055524	263 055332 263 055528	263 055434	263 055456	
108	-10.5	255 053911 258 015520 260 024731 263 042156 263 055611	255 083109 258 094929 260 024740 263 042205 263 055615	255 083114 259 021547 261 035218 263 055536 263 063607	255 083203 259 021553 261 035224 263 055543 263 102100	257 020832 259 021559 261 035233 263 055548 264 041407	257 020838 259 163308 262 041414 263 055553 264 041416	257 020844 259 164328 262 041424 263 055557 264 041425	258 015458 259 172442 262 041432 263 055602 264 131359	258 015509 260 024542 263 042138 263 055606 265 073535	

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT) 265 073539	TIME (GMT) 265 073547	TIME (GMT) 265 162951	TIME (GMT) 266 070916	TIME (GMT) 266 070932	TIME (GMT) 266 070940	TIME (GMT)	TIME (GMT)	TIME (GMT)
108	-5.6	257 060600 263 063758 264 045238	258 033250 263 063802 265 045339	258 033305 263 063806 265 202435	259 105814 263 063811 266 014255	261 050235 263 063816	262 063714 263 063820	263 055624 263 063825	263 063710 263 065340	263 063753 263 132236
108	0.7	255 054040 263 063907	258 095016 263 063912	263 063833 263 102147	263 063840 264 131937	263 063845 265 163038	263 063849	263 063853	263 063858	263 063903
108	4.3	259 163313 263 063950	259 164332 263 063954	259 172447 263 064029	263 063920 263 064047	263 063927 263 064105	263 063932 263 064128	263 063936 263 064147	263 063940	263 063945
108	9.3	255 054126 263 132241	257 060605 264 045243	258 033335 264 132107	258 095101 265 163411	259 105819	261 050240	262 063719	263 065344	263 102314
108	14.4	261 075306	261 075316	261 152634	261 152650	261 152708				
108	19.4	255 054212	259 163317	259 164336	259 172452					
111	-65.1	258 094513	259 134513	263 101607	264 130909	265 071148	265 161417			
111	-60.1	266 133736								
111	-55.2	255 053428	258 094557	259 134601	263 101652	264 130953	265 071234	265 161503		
111	-50.2	266 133820								
111	-45.3	255 053513	258 094643	259 134646	263 101738	264 131038	265 071319	265 161547		
111	-40.3	266 133905								
111	-35.3	255 053557	258 094729	259 134733	263 101901	264 131159	265 071407	265 162745		
111	-25.3	255 053657	258 094814	259 134819	263 101945	264 131243	265 162830			
111	-20.3	290 044904								
111	-15.3	255 053848	258 094859	263 102031	264 131329	265 162915				
111	-5.6	255 054017 258 015610 261 035252 263 102118 266 070951	255 083339 258 094947 261 035300 264 041436 266 070959	255 083436 259 021629 261 040225 264 041444 266 071007	255 083441 259 021635 262 041442 264 041453	257 020913 259 021641 262 041450 264 131908	257 020919 260 024751 262 041459 265 073558	257 020925 260 024759 263 042216 265 073607	258 015548 260 024807 263 042224 265 073615	258 015559 261 035244 263 042232 265 163009
111	4.3	255 054104	258 095034	263 102247	264 132040	265 163344				
111	9.3	261 075608	261 075619	261 153202	261 153214	261 153226				
111	14.4	255 054149	258 095119	263 102332	264 132125	265 163429				
111	19.4	261 074933 261 152254	261 074944 261 152329	261 074955	261 075040	261 075051	261 152133	261 152143	261 152155	261 152242
114	-65.1	266 133708								
114	-60.1	255 053410	256 080430	258 094535	259 134538	263 101630	264 130930	265 071211	265 161430	
114	-55.2	266 133753								
114	-50.2	255 053454	258 094620	259 134624	263 101715	264 131016	265 071256	265 161516		
114	-45.3	256 080047	266 133839							
114	-40.3	255 053539	258 094705	259 134708	263 101759	264 131101	265 071342	265 161601		
114	-30.3	255 053628	256 080052	258 094751	259 134755	263 101922	264 131220	265 071430	265 162807	
114	-20.3	255 053724	258 094836	259 134840	263 102008	264 131306	265 162853			
114	-15.3	256 080056	290 034834	290 034932						
114	-10.5	255 053916	258 094924	263 102055	264 131354	265 162947	290 034910	290 035008		
114	0.7	255 054045 259 021711 262 041511 264 041520	256 080100 259 021717 262 041519 264 131932	257 020954 259 021723 262 041528 265 073626	257 021000 260 024818 263 042243 265 073634	257 021006 260 024827 263 042252 265 073643	258 020109 260 024835 263 042300 265 163033	258 020120 261 040258 263 102142 266 071018	258 020130 261 040307 264 041503 266 071027	258 095011 261 040315 264 041512 266 071036
114	4.3	267 110110 267 110832 267 120249 267 124300 267 131401	267 110207 267 111055 267 120910 267 124836 267 131406	267 110213 267 111242 267 121449 267 124914 267 131440	267 110308 267 111819 267 122025 267 125455 267 131459	267 110314 267 112335 267 122244 267 130035 267 132003	267 110320 267 113521 267 123015 267 130626 267 132014	267 110326 267 114555 267 123121 267 130645	267 110539 267 115425 267 123200 267 131248	267 110720 267 115523 267 123733 267 131303
114	9.3	255 054131	258 095057	263 102310	264 132102	265 163407				
114	14.4	256 080105 261 152803	261 074833 261 152814	261 074844 261 152826	261 074855	261 075348	261 075358	261 152009	261 152020	261 152031

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)
114	19.4	255 054217	266 140441								
114	19.2	256 080110									
117	-65.1	258 094517	259 134520	263 101612	264 130912	265 071153	265 161422				
117	-60.1	266 133731									
117	-55.2	255 053423	258 094602	259 134606	263 101657	264 130958	265 071239	265 161506			
117	-50.2	266 133816									
117	-45.3	255 053508	258 094647	259 134650	263 101741	264 131043	265 071324	265 161552			
117	-40.3	266 133901									
117	-35.3	255 053553	258 094733	259 134737	263 101904	264 131202	265 071412	265 162749			
117	-25.3	255 053652	258 094818	259 134822	263 101950	264 131248	265 162834				
117	-15.3	255 053845	258 094904	263 102036	264 131333	265 162920	290 035146				
117	-5.6	255 054012	258 094952	263 102123	264 131912	265 163014					
117	4.3	255 054059 267 132944 267 134926	258 095039 267 133626 267 135525	261 153343 267 133647 267 135531	263 102252 267 134214 267 135657	264 132044 267 134221 267 135703	265 163348 267 134347 267 140405	267 132313 267 134354 267 140411	267 132319 267 134419	267 132937 267 134920	
117	9.3	261 073523 261 074145 261 153127 267 142826	261 073633 261 075528 267 140516 267 142832	261 073755 261 075539 267 140522	261 073806 261 080116 267 141007	261 073855 261 150959 267 141012	261 073906 261 151701 267 141654	261 073950 261 151908 267 141700	261 074001 261 153103 267 142244	261 074134 261 153115 267 142249	
117	14.4	255 054144	258 095123	263 102336	264 132130	265 163433					
117	19.4	263 071025									
120	-65.1	266 133713									
120	-60.1	255 053415	258 094531	259 134533	263 101625	264 130927	265 071206	265 161427	290 053236		
120	-55.2	266 133758									
120	-50.2	255 053459	258 094615	259 134619	263 101710	264 131011	265 071252	265 161511			
120	-45.3	266 133842									
120	-40.3	255 053544	258 094701	259 134703	263 101756	264 131056	265 071337	265 161556			
120	-30.3	255 053633	258 094747	259 134750	263 101919	264 131217	265 071425	265 162803			
120	-25.3	290 035320									
120	-20.3	255 053728	258 094833	259 134836	263 102003	264 131301	265 162848	290 035233	290 043502	290 043507	
120	-15.3	290 035044									
120	-10.5	255 053921	258 094919	263 102050	264 131351	265 162943	294 065114				
120	0.7	255 054048	258 095006	263 102137	264 131927	265 163028					
120	4.3	261 075707	261 075717	261 153331	261 153914	262 032539	262 032754				
120	9.3	255 054136	258 095052	263 102305	264 132059	265 163402					
120	14.4	261 075442	261 075452	261 153001	261 153013	261 153025					
120	19.4	255 054220									
120	24.3	258 041522									
120	29.2	290 043734									
123	-65.1	258 094521	259 134525	262 063748	263 101617	264 130917	265 071158				
123	-60.1	254 064847	254 235208	266 133726							
123	-55.2	255 053418	258 094607	259 134609	263 101702	264 131002	265 071243				
123	-50.2	266 133811									
123	-45.3	254 064821	254 235202	255 053504	258 094651	259 134655	263 101746	264 131047	265 071328		
123	-40.3	266 133856									
123	-35.3	255 053549	258 094738	259 134742	262 063737	263 101909	264 131207	265 071417	265 162754		
123	-30.3	254 064748	254 235158	265 162759							

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONT.

AZ	EL	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)	TIME (GMT)				
123	-25.3	255 053648	258 041602	258 054823	259 134826	263 101955	264 131252	265 162839	290 062144	
123	-20.3	258 033350	258 041814	262 063734	263 053543	290 044208	290 051855			
123	-15.3	254 064728 263 053844	254 235154 263 053849	255 053840 263 053853	258 094909 263 053857	263 053744 263 102040	263 053826 264 131337	263 053831 265 054154	263 053836 265 162925	263 053839
123	-10.5	263 053907 263 054054	263 053954	263 054023	263 054027	263 054031	263 054036	263 054041	263 054045	263 054050
123	-5.6	255 054007 263 054137	258 094955 263 054140	263 054103 263 102126	263 054109 264 131917	263 054114 265 163019	263 054118	263 054122	263 054127	263 054132
123	0.7	254 064708 263 054222	254 235149 263 054227	263 054150 263 054506	263 054156 263 054527	263 054201 263 054545	263 054204 263 054604	263 054209 263 054640	263 054214	263 054219
123	4.3	255 054054	258 095043	263 054236	263 102256	264 132049	265 163353			
123	14.4	254 064550	254 235144	255 054140	258 095128	263 102341	264 132134	265 163438		
123	19.4	263 065711	263 065815	263 065824	263 065959	263 070010	263 071015	263 071050	263 071101	
126	-70.1	265 051002	265 144859							
126	-65.1	257 060635 266 054555	258 033404 266 112939	259 105847 266 133717	261 050309	263 071534	263 132311	264 045312	265 045702	266 014553
126	-60.1	258 094526	259 134530	259 172521	263 101621	264 130922	265 071203			
126	-55.2	259 163346	259 164406	259 172515	266 133802					
126	-50.2	257 060629 263 132305	258 033358 264 045306	258 094611 264 131006	259 105841 265 045656	259 134614 265 071247	261 050303 266 014547	262 063742 266 054549	263 071528 266 112933	263 101706
126	-45.3	265 045614	266 133847							
126	-40.3	258 094656	259 134659	259 163340	259 164400	263 101751	264 131051	265 045548	265 071332	
126	-35.3	257 060624 266 054545	258 033355 266 112928	259 105838	261 050300	263 071524	263 132300	264 045302	265 045450	266 014544
126	-30.3	258 094742	259 134747	263 101914	264 131212	265 071421	290 062651	290 062847		
126	-25.3	256 064532 290 062315	258 041706 290 062951	259 163337	259 164355	259 172511	261 054931	264 054423	265 054015	265 134255
126	-20.3	255 015835 263 071519 265 134400 290 044752	256 064725 263 102000 265 162844 290 045003	257 060619 263 132256 265 202547 290 045512	258 041752 264 045258 266 014540 290 062454	258 094828 264 054458 266 054524 290 062956	259 105833 264 131258 266 112842	259 134831 265 045433 290 043807	261 050255 265 054055 290 044023	261 061629 265 134315 290 044253
126	-15.3	255 020006 290 044117	256 064731 290 044323	256 064823 290 062546	258 041820	258 041823	261 061729	264 054504	265 054101	265 134427
126	-10.5	255 020012 265 162938	258 094916	259 163332	259 164350	259 172506	261 061734	261 061739	263 102047	264 131346
126	-5.6	257 060616	258 033345	259 105828	261 050250	263 071514	263 132251	264 045253		
126	0.7	258 095001	263 102132	264 131923	265 163025					
126	4.3	259 163327	259 164347	259 172501						
126	9.3	257 060611 263 132247	258 033340 264 045249	258 095047 264 132054	259 105823 265 163357	261 050245	262 063724	263 065350	263 071409	263 102300
126	19.4	259 163322	259 164342	259 172457	263 070139	263 070150	263 070435	263 070927	263 070938	
126	29.2	290 052846								
129	-65.1	258 095227								
129	-60.1	266 133721								
129	-50.2	266 133806								
129	-40.3	266 133852								
129	-25.3	256 064637	264 054448	265 054045	265 134306	290 062349	290 062941	290 062946		
129	-20.3	255 015957 294 065420	256 064643	258 041712	261 061718	264 054453	265 054051	265 134310	290 062435	290 063001
129	-15.3	255 020001 294 065432	256 064909	261 061724	264 054507	265 054106	265 134432	294 064547	294 064559	294 065426
129	-10.5	255 020016 294 065326	294 064725 294 065332	294 064736	294 064747	294 064948	294 065000	294 065108	294 065120	294 065320

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VI -- LIST OF ALL SURVEYOR 5 TELEVISION PICTURES BY AZIMUTH AND ELEVATION -- CONCLUDED

AZ	EL	TIME (GMT)								
129	19.4	263 070300	263 070311	263 070846	263 070857					
132	-60.1	256 080424								
132	-45.3	256 080137	256 080143	256 080233	256 080239	256 080329	256 080337	256 080418		
132	-30.3	256 080133	256 080148	256 080228	256 080244	256 080325	256 080341	256 080414		
132	-15.3	256 080129	256 080151	256 080225	256 080248	256 080321	256 080346	256 080410		
132	0.7	256 080124	256 080156	256 080220	256 080252	256 080316	256 080351	256 080405		
132	14.4	256 080119	256 080201	256 080215	256 080257	256 080311	256 080355	256 080401		
132	19.4	263 070425								
132	29.2	256 080114	256 080206	256 080211	256 080302	256 080307				
135	4.3	261 153405								
138	-5.6	262 063729								
141	-15.3	294 064610								
141	-10.5	294 064954								
141	29.2	290 042107								
144	-5.6	266 054948								
144	29.2	255 085236	255 085246	290 042009	290 042013	290 042105	290 042110	294 060639	294 060642	

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
-225	-70.1	207.0	-49.4				
-225	-65.1	212.5	-46.1				
-225	-60.1	217.4	-42.5				
-225	-55.2	221.6	-38.8				
-225	-50.2	225.5	-34.9				
-225	-45.2	229.1	-30.9				
-225	-40.3	232.3	-26.9				
-225	-35.3	235.3	-22.7				
-225	-30.3	238.2	-18.5				
-225	-25.3	240.9	-14.2				
-225	-20.3	243.5	-9.9				
-225	-15.5	245.9	-5.7				
-225	-10.6	248.4	-1.5				
-225	-5.6	250.9	2.8				
-225	-0.7	253.3	7.1				
-222	-70.1	206.0	-48.7				
-222	-65.1	211.2	-45.2				
-222	-60.1	215.9	-41.5				
-222	-55.2	220.0	-37.7				
-222	-50.2	223.7	-33.8				
-222	-45.2	227.1	-29.7				
-222	-40.3	230.2	-25.6				
-222	-35.3	233.1	-21.4				
-222	-30.3	235.8	-17.1				
-222	-25.3	238.5	-12.8				
-222	-20.3	241.0	-8.5				
-222	-15.5	243.4	-4.3				
-222	-10.6	245.8	-0.0				
-222	-5.6	248.3	4.3				
-222	-0.7	250.7	8.6				
-219	-70.1	204.9	-47.9				
-219	-65.1	209.9	-44.3				
-219	-60.1	214.4	-40.5				
-219	-55.2	218.2	-36.7				
-219	-50.2	221.8	-32.6				
-219	-45.2	225.1	-28.5				
-219	-40.3	228.0	-24.4				
-219	-35.3	230.8	-20.1				
-219	-30.3	233.5	-15.8				
-219	-25.3	236.1	-11.5				
-219	-20.3	238.5	-7.1				
-219	-15.5	240.9	-2.9				
-219	-10.6	243.2	1.4				
-219	-5.6	245.7	5.8				
-216	-70.1	203.8	-47.2				
-216	-65.1	208.6	-43.5				
-216	-60.1	212.8	-39.6				
-216	-55.2	216.5	-35.7				
-216	-50.2	219.9	-31.6				
-216	-45.2	223.1	-27.4				
-216	-40.3	225.9	-23.2				
-216	-35.3	228.6	-18.9				
-216	-30.3	231.2	-14.5				
-216	-25.3	233.6	-10.1				
-216	-20.3	236.1	-5.7				
-216	-15.5	238.3	-1.5				
-216	-10.6	240.6	2.8				
-216	-5.6	243.0	7.2				
-213	-70.1	202.7	-46.5				
-213	-65.1	207.3	-42.7				
-213	-60.1	211.3	-38.7				
-213	-55.2	214.8	-34.7				
-213	-50.2	218.1	-30.5				
-213	-45.2	221.0	-26.3				
-213	-40.3	223.8	-22.0				
-213	-35.3	226.4	-17.7				
-213	-30.3	228.8	-13.3				
-213	-25.3	231.2	-8.9				
-213	-20.3	233.6	-4.4				
-213	-15.5	235.8	-0.2				
-213	-10.6	238.0	4.2				
-213	-5.6	240.4	8.6				
-210	-70.1	201.6	-45.8				
-210	-65.1	205.9	-41.9				
-210	-60.1	209.8	-37.8				
-210	-55.2	213.1	-33.8				
-210	-50.2	216.2	-29.5				
-210	-45.2	219.0	-25.2				
-210	-40.3	221.6	-20.9				
-210	-35.3	224.1	-16.5				
-210	-30.3	226.5	-12.1				
-210	-25.3	228.8	-7.6				
-210	-20.3	231.0	-3.1				

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
-210	-15.5	233.2	1.1				
-210	-10.6	235.4	5.5				
-210	-5.6	237.7	10.0				
-207	-70.1	200.5	-45.2				
-207	-65.1	204.6	-41.2				
-207	-60.1	208.2	-37.0				
-207	-55.2	211.3	-32.9				
-207	-50.2	214.3	-28.5				
-207	-45.2	217.0	-24.2				
-207	-40.3	219.4	-19.8				
-207	-35.3	221.8	-15.4				
-207	-30.3	224.1	-10.9				
-207	-25.3	226.3	-6.4				
-207	-20.3	228.5	-1.9				
-207	-15.5	230.6	2.4				
-207	-10.6	232.7	6.8				
-204	-70.1	199.3	-44.6				
-204	-65.1	203.2	-40.5				
-204	-60.1	206.6	-36.2				
-204	-55.2	209.6	-32.0				
-204	-50.2	212.4	-27.6				
-204	-45.2	214.9	-23.2				
-204	-40.3	217.3	-18.8				
-204	-35.3	219.6	-14.3				
-204	-30.3	221.7	-9.8				
-204	-25.3	223.9	-5.2				
-204	-20.3	226.0	-0.7				
-204	-15.5	228.0	3.7				
-204	-10.6	230.0	8.1				
-201	-70.1	198.2	-44.0				
-201	-65.1	201.8	-39.8				
-201	-60.1	205.0	-35.5				
-201	-55.2	207.8	-31.2				
-201	-50.2	210.5	-26.7				
-201	-45.2	212.9	-22.2				
-201	-40.3	215.1	-17.8				
-201	-35.3	217.3	-13.3				
-201	-30.3	219.4	-8.7				
-201	-25.3	221.4	-4.1				
-201	-20.3	223.4	0.4				
-201	-15.5	225.3	4.8				
-201	-10.6	227.3	9.3				
-198	-70.1	197.0	-43.4				
-198	-65.1	200.4	-39.1				
-198	-60.1	203.4	-34.8				
-198	-55.2	206.1	-30.4				
-198	-50.2	208.5	-25.9				
-198	-45.2	210.8	-21.3				
-198	-40.3	212.9	-16.9				
-198	-35.3	215.0	-12.3				
-198	-30.3	217.0	-7.7				
-198	-25.3	218.9	-3.1				
-198	-20.3	220.8	1.6				
-198	-15.5	222.7	6.0				
-195	-70.1	195.8	-42.9				
-195	-65.1	199.0	-38.5				
-195	-60.1	201.8	-34.1				
-195	-55.2	204.3	-29.6				
-195	-50.2	206.6	-25.1				
-195	-45.2	208.7	-20.5				
-195	-40.3	210.7	-16.0				
-195	-35.3	212.7	-11.3				
-195	-30.3	214.5	-6.7				
-195	-25.3	216.4	-2.0				
-195	-20.3	218.2	2.6				
-195	-15.5	220.0	7.1				
-192	-70.1	194.6	-42.4				
-192	-65.1	197.5	-38.0				
-192	-60.1	200.2	-33.4				
-192	-55.2	202.5	-29.0				
-192	-50.2	204.7	-24.3				
-192	-45.2	206.7	-19.7				
-192	-40.3	208.5	-15.1				
-192	-35.3	210.3	-10.5				
-192	-30.3	212.1	-5.8				
-192	-25.3	213.8	-1.1				
-192	-20.3	215.6	3.6				
-192	-15.5	217.2	8.1				
-189	-70.1	193.3	-42.0				
-189	-65.1	196.1	-37.4				
-189	-60.1	198.5	-32.8				

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
-189	-55.2	200.7	-28.3				
-189	-50.2	202.7	-23.6				
-189	-45.2	204.6	-18.9				
-189	-40.3	206.3	-14.3				
-189	-35.3	208.0	-9.6				
-189	-30.3	209.7	-4.9				
-189	-25.3	211.3	-0.2				
-189	-20.3	212.9	4.6				
-189	-15.5	214.5	9.1				
-186	-70.1	192.1	-41.5				
-186	-65.1	194.6	-36.9				
-186	-60.1	196.9	-32.3				
-186	-55.2	198.9	-27.7				
-186	-50.2	200.7	-23.0				
-186	-45.2	202.5	-18.2				
-186	-40.3	204.1	-13.6				
-186	-35.3	205.7	-8.8				
-186	-30.3	207.2	-4.1				
-186	-25.3	208.7	0.7				
-186	-20.3	210.2	5.4				
-186	-15.5	211.7	10.0				
-183	-70.1	190.9	-41.1				
-183	-65.1	193.2	-36.5				
-183	-60.1	195.2	-31.8				
-183	-55.2	197.1	-27.1				
-183	-50.2	198.8	-22.4				
-183	-45.2	200.4	-17.6				
-183	-40.3	201.8	-12.9				
-183	-35.3	203.3	-8.1				
-183	-30.3	204.7	-3.3				
-183	-25.3	206.1	1.5				
-183	-20.3	207.5	6.3				
-180	-70.1	189.6	-40.8				
-180	-65.1	191.7	-36.0				
-180	-60.1	193.6	-31.3				
-180	-55.2	195.2	-26.6				
-180	-50.2	196.8	-21.8				
-180	-45.2	198.2	-17.0				
-180	-40.3	199.6	-12.3				
-180	-35.3	200.9	-7.5				
-180	-30.3	202.2	-2.6				
-180	-25.3	203.5	2.2				
-180	-20.3	204.8	7.0				
-177	-70.1	188.3	-40.4				
-177	-65.1	190.2	-35.7				
-177	-60.1	191.9	-30.9				
-177	-55.2	193.4	-26.1				
-177	-50.2	194.8	-21.3				
-177	-45.2	196.1	-16.5				
-177	-40.3	197.3	-11.7				
-177	-35.3	198.5	-6.8				
-177	-30.3	199.7	-2.0				
-177	-25.3	200.9	2.9				
-177	-20.3	202.1	7.7				
-174	-70.1	187.0	-40.1				
-174	-65.1	188.7	-35.3				
-174	-60.1	190.2	-30.5				
-174	-55.2	191.5	-25.7				
-174	-50.2	192.8	-20.8				
-174	-45.2	194.0	-16.0				
-174	-40.3	195.0	-11.2				
-174	-35.3	196.1	-6.3				
-174	-30.3	197.2	-1.4				
-174	-25.3	198.2	3.5				
-174	-20.3	199.3	8.4				
-171	-70.1	185.8	-39.9				
-171	-65.1	187.2	-35.0				
-171	-60.1	188.5	-30.1				
-171	-55.2	189.7	-25.3				
-171	-50.2	190.8	-20.4				
-171	-45.2	191.8	-15.5				
-171	-40.3	192.8	-10.7				
-171	-35.3	193.7	-5.8				
-171	-30.3	194.6	-0.9				
-171	-25.3	195.6	4.0				
-171	-20.3	196.5	8.9				
-168	-70.1	184.5	-39.6				
-168	-65.1	185.7	-34.7				
-168	-60.1	186.8	-29.8				
-168	-55.2	187.8	-25.0				
-168	-50.2	188.8	-20.1				

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
-168	-45.2	189.6	-15.2				
-168	-40.3	190.5	-10.3				
-168	-35.3	191.3	-5.4				
-168	-30.3	192.1	-0.5				
-168	-25.3	192.9	4.5				
-168	-20.3	193.7	9.4				
-165	-70.1	183.2	-39.4				
-165	-65.1	184.2	-34.5				
-165	-60.1	185.1	-29.6				
-165	-55.2	186.0	-24.7				
-165	-50.2	186.8	-19.8				
-165	-45.2	187.5	-14.8				
-165	-40.3	188.2	-10.0				
-165	-35.3	188.9	-5.0				
-165	-30.3	189.5	-0.1				
-165	-25.3	190.2	4.9				
-165	-20.3	190.9	9.8				
-162	-70.1	181.9	-39.3				
-162	-65.1	182.7	-34.3				
-162	-60.1	183.4	-29.4				
-162	-55.2	184.1	-24.5				
-162	-50.2	184.7	-19.5				
-162	-45.2	185.3	-14.6				
-162	-40.3	185.9	-9.7				
-162	-35.3	186.4	-4.7				
-162	-30.3	187.0	0.2				
-162	-25.3	187.5	5.2				
-159	-70.1	180.5	-39.2				
-159	-65.1	181.2	-34.2				
-159	-60.1	181.7	-29.2				
-159	-55.2	182.2	-24.3				
-159	-50.2	182.7	-19.3				
-159	-45.2	183.1	-14.4				
-159	-40.3	183.6	-9.5				
-159	-35.3	184.0	-4.5				
-159	-30.3	184.4	0.5				
-159	-25.3	184.8	5.5				
-156	-70.1	179.2	-39.1				
-156	-65.1	179.7	-34.1				
-156	-60.1	180.0	-29.1				
-156	-55.2	180.4	-24.2				
-156	-50.2	180.7	-19.2				
-156	-45.2	181.0	-14.2				
-156	-40.3	181.2	-9.3				
-156	-35.3	181.5	-4.3				
-156	-30.3	181.8	0.7				
-156	-25.3	182.1	5.7				
-153	-70.1	177.9	-39.0				
-153	-65.1	178.1	-34.0				
-153	-60.1	178.3	-29.0				
-153	-55.2	178.5	-24.1				
-153	-50.2	178.6	-19.1				
-153	-45.2	178.8	-14.1				
-153	-40.3	178.9	-9.2				
-153	-35.3	179.1	-4.2				
-153	-30.3	179.2	0.8				
-153	-25.3	179.3	5.8				
-150	-70.1	176.6	-39.0				
-150	-65.1	176.6	-34.0				
-150	-60.1	176.6	-29.0				
-150	-55.2	176.6	-24.1				
-150	-50.2	176.6	-19.1				
-150	-45.2	176.6	-14.1				
-150	-40.3	176.6	-9.2				
-150	-35.3	176.6	-4.2				
-150	-30.3	176.6	0.8				
-150	-25.3	176.6	5.8				
-147	-70.1	175.3	-39.0				
-147	-65.1	175.1	-34.0				
-147	-60.1	174.9	-29.0				
-147	-55.2	174.7	-24.1				
-147	-50.2	174.6	-19.1				
-147	-45.2	174.4	-14.1				
-147	-40.3	174.3	-9.2				
-147	-35.3	174.2	-4.2				
-147	-30.3	174.0	0.8				
-147	-25.3	173.9	5.8				
-144	-70.1	174.0	-39.1				
-144	-65.1	173.6	-34.1				
-144	-60.1	173.2	-29.1				

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
-144	-55.2	172.9	-24.2	2.2	0.2	-2.0	9.08
-144	-50.2	172.5	-19.2	2.6	0.2	-2.5	9.18
-144	-45.2	172.3	-14.2	2.9	0.4	-2.7	9.28
-144	-40.3	172.0	-9.3	3.5	0.5	-3.4	9.44
-144	-35.3	171.7	-4.3	5.8	0.7	-5.7	9.60
-144	-30.3	171.4	0.7				
-144	-25.3	171.2	5.7				
-141	-70.1	172.7	-39.2				
-141	-65.1	172.0	-34.2				
-141	-60.1	171.5	-29.2				
-141	-55.2	171.0	-24.3				
-141	-50.2	170.5	-19.3				
-141	-45.2	170.1	-14.4				
-141	-40.3	169.7	-9.5				
-141	-35.3	169.3	-4.5				
-141	-30.3	168.8	0.5				
-141	-25.3	168.4	5.5				
-138	-70.1	171.4	-39.3				
-138	-65.1	170.5	-34.3				
-138	-60.1	169.8	-29.4				
-138	-55.2	169.1	-24.5	2.2	0.4	-2.0	9.07
-138	-50.2	168.5	-19.5	2.7	0.5	-2.5	9.18
-138	-45.2	167.9	-14.6	2.9	0.5	-2.7	9.28
-138	-40.3	167.4	-9.7	3.6	0.7	-3.5	9.40
-138	-35.3	166.8	-4.7	4.7	1.0	-4.6	9.60
-138	-30.3	166.3	0.2				
-138	-25.3	165.7	5.2				
-135	-70.1	170.1	-39.4				
-135	-65.1	169.0	-34.5				
-135	-60.1	168.1	-29.6				
-135	-55.2	167.3	-24.7				
-135	-50.2	166.5	-19.8				
-135	-45.2	165.7	-14.8				
-135	-40.3	165.0	-10.0				
-135	-35.3	164.4	-5.0				
-135	-30.3	163.7	-0.1				
-135	-25.3	163.0	4.9				
-135	-20.3	162.3	9.8				
-132	-70.1	168.8	-39.6				
-132	-65.1	167.5	-34.7				
-132	-60.1	166.4	-29.8				
-132	-55.2	165.4	-25.0	2.3	0.5	-2.0	9.03
-132	-50.2	164.5	-20.1	2.7	0.6	-2.5	9.14
-132	-45.2	163.6	-15.2	2.9	0.7	-2.7	9.29
-132	-40.3	162.7	-10.3	3.8	1.1	-3.5	9.25
-132	-35.3	161.9	-5.4	4.6	1.4	-4.4	9.55
-132	-30.3	161.1	-0.5				
-132	-25.3	160.3	4.5				
-132	-20.3	159.5	9.4				
-129	-70.1	167.5	-39.9				
-129	-65.1	166.0	-35.0				
-129	-60.1	164.7	-30.1				
-129	-55.2	163.5	-25.3				
-129	-50.2	162.4	-20.4				
-129	-45.2	161.4	-15.5				
-129	-40.3	160.5	-10.7				
-129	-35.3	159.5	-5.8				
-129	-30.3	158.6	-0.9				
-129	-25.3	157.7	4.0				
-129	-20.3	156.7	8.9				
-126	-70.1	166.2	-40.1				
-126	-65.1	164.5	-35.3				
-126	-60.1	163.0	-30.5				
-126	-55.2	161.7	-25.7	2.3	0.6	-2.0	9.00
-126	-50.2	160.4	-20.8	2.7	0.9	-2.4	9.10
-126	-45.2	159.3	-16.0	3.0	1.0	-2.7	9.19
-126	-40.3	158.2	-11.2	3.8	1.4	-3.5	9.25
-126	-35.3	157.1	-6.3	4.5	1.7	-4.1	9.54
-126	-30.3	156.0	-1.4				
-126	-25.3	155.0	3.5				
-126	-20.3	153.9	8.4				
-123	-70.1	164.9	-40.4				
-123	-65.1	163.0	-35.7				
-123	-60.1	161.3	-30.9				
-123	-55.2	159.8	-26.1				
-123	-50.2	158.4	-21.3				
-123	-45.2	157.1	-16.5				
-123	-40.3	155.9	-11.7				
-123	-35.3	154.7	-6.8				
-123	-30.3	153.5	-2.0				
-123	-25.3	152.3	2.9				

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
-123	-20.3	151.2	7.7				
-120	-70.1	163.6	-40.8				
-120	-65.1	161.5	-36.0				
-120	-60.1	159.7	-31.3				
-120	-55.2	158.0	-26.6	2.4	0.7	-2.0	8.95
-120	-50.2	156.4	-21.8	2.8	1.0	-2.4	9.00
-120	-45.2	155.0	-17.0	3.2	1.2	-2.7	9.05
-120	-40.3	153.6	-12.3	3.8	1.6	-3.4	9.28
-120	-35.3	152.3	-7.5	4.6	2.1	-4.0	9.35
-120	-30.3	151.0	-2.6	7.7	3.7	-6.7	9.49
-120	-25.3	149.7	2.2				
-120	-20.3	148.4	7.0				
-117	-70.1	162.4	-41.1				
-117	-65.1	160.0	-36.5				
-117	-60.1	158.0	-31.8				
-117	-55.2	156.2	-27.1				
-117	-50.2	154.5	-22.4				
-117	-45.2	152.9	-17.6				
-117	-40.3	151.4	-12.9				
-117	-35.3	149.9	-8.1				
-117	-30.3	148.5	-3.3				
-117	-25.3	147.1	1.5				
-117	-20.3	145.7	6.3				
-114	-70.1	161.1	-41.5				
-114	-65.1	158.6	-36.9				
-114	-60.1	156.3	-32.3				
-114	-55.2	154.3	-27.7	2.4	0.9	-2.0	8.89
-114	-50.2	152.5	-23.0	2.7	1.1	-2.2	8.93
-114	-45.2	150.8	-18.2	3.2	1.5	-2.6	8.97
-114	-40.3	149.1	-13.6	3.9	2.0	-3.2	9.15
-114	-35.3	147.6	-8.8	4.5	2.4	-3.7	9.20
-114	-30.3	146.0	-4.1	7.0	3.9	-5.7	9.40
-114	-25.3	144.5	0.7				
-114	-20.3	143.0	5.4				
-114	-15.5	141.5	10.0				
-111	-70.1	159.9	-42.0				
-111	-65.1	157.1	-37.4				
-111	-60.1	154.7	-32.8				
-111	-55.2	152.5	-28.3				
-111	-50.2	150.5	-23.6				
-111	-45.2	148.6	-18.9				
-111	-40.3	146.9	-14.3				
-111	-35.3	145.2	-9.6				
-111	-30.3	143.6	-4.9				
-111	-25.3	141.9	-0.2				
-111	-20.3	140.3	4.6				
-111	-15.5	138.7	9.1				
-108	-70.1	158.6	-42.4				
-108	-65.1	155.7	-38.0				
-108	-60.1	153.1	-33.4				
-108	-55.2	150.7	-29.0	2.4	1.0	-1.9	8.86
-108	-50.2	148.6	-24.3	2.7	1.2	-2.1	8.89
-108	-45.2	146.6	-19.7	3.2	1.6	-2.5	8.96
-108	-40.3	144.7	-15.1	3.8	2.1	-3.0	9.04
-108	-35.3	142.9	-10.5	4.5	2.6	-3.5	9.09
-108	-30.3	141.1	-5.8	6.1	3.7	-4.7	9.40
-108	-25.3	139.4	-1.1				
-108	-20.3	137.6	3.6				
-108	-15.5	136.0	8.1				
-105	-70.1	157.4	-42.9				
-105	-65.1	154.2	-38.5				
-105	-60.1	151.4	-34.1				
-105	-55.2	148.9	-29.6				
-105	-50.2	146.6	-25.1				
-105	-45.2	144.5	-20.5				
-105	-40.3	142.5	-16.0				
-105	-35.3	140.6	-11.3				
-105	-30.3	138.7	-6.7				
-105	-25.3	136.8	-2.0				
-105	-20.3	135.0	2.6				
-105	-15.5	133.2	7.1				
-102	-70.1	156.2	-43.4				
-102	-65.1	152.8	-39.1				
-102	-60.1	149.8	-34.8				
-102	-55.2	147.2	-30.4	2.4	1.1	-1.7	8.81
-102	-50.2	144.7	-25.9	2.7	1.4	-2.0	8.84
-102	-45.2	142.4	-21.3	3.2	1.7	-2.4	8.89
-102	-40.3	140.3	-16.9	3.6	2.2	-2.6	8.99
-102	-35.3	138.2	-12.3	4.2	2.7	-3.0	9.13
-102	-30.3	136.3	-7.7	4.9	3.4	-3.5	9.20
-102	-25.3	134.3	-3.1	8.6	6.1	-6.0	9.45

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
-102	-20.3	132.4	1.6				
-102	-15.5	130.6	6.0				
-99	-70.1	155.0	-44.0				
-99	-65.1	151.4	-39.8				
-99	-60.1	148.2	-35.5				
-99	-55.2	145.4	-31.2				
-99	-50.2	142.8	-26.7				
-99	-45.2	140.3	-22.2				
-99	-40.3	138.1	-17.8				
-99	-35.3	135.9	-13.3				
-99	-30.3	133.9	-8.7				
-99	-25.3	131.8	-4.1				
-99	-20.3	129.8	0.4				
-99	-15.5	127.9	4.8				
-99	-10.6	125.9	9.3				
-96	-70.1	153.9	-44.6				
-96	-65.1	150.0	-40.5				
-96	-60.1	146.6	-36.2				
-96	-55.2	143.6	-32.0	2.3	1.1	-1.6	8.77
-96	-50.2	140.8	-27.6	2.7	1.5	-1.9	8.80
-96	-45.2	138.3	-23.2	3.0	1.9	-2.0	8.84
-96	-40.3	135.9	-18.8	3.4	2.2	-2.4	8.93
-96	-35.3	133.7	-14.3	3.9	2.7	-2.6	9.05
-96	-30.3	131.5	-9.8	4.4	3.2	-2.9	9.18
-96	-25.3	129.3	-5.2	5.7	4.4	-3.6	9.41
-96	-20.3	127.2	-0.7				
-96	-15.5	125.2	3.7				
-96	-10.6	123.2	8.1				
-93	-70.1	152.7	-45.2				
-93	-65.1	148.6	-41.2				
-93	-60.1	145.0	-37.0				
-93	-55.2	141.9	-32.9				
-93	-50.2	138.9	-28.5				
-93	-45.2	136.2	-24.2				
-93	-40.3	133.8	-19.8				
-93	-35.3	131.4	-15.4				
-93	-30.3	129.1	-10.9				
-93	-25.3	126.9	-6.4				
-93	-20.3	124.7	-1.9				
-93	-15.5	122.6	2.4				
-93	-10.6	120.5	6.8				
-90	-70.1	151.6	-45.8				
-90	-65.1	147.3	-41.9				
-90	-60.1	143.5	-37.8				
-90	-55.2	140.1	-33.8	2.3	1.2	-1.5	8.75
-90	-50.2	137.0	-29.5	2.5	1.5	-1.6	8.77
-90	-45.2	134.2	-25.2	2.8	1.9	-1.7	8.79
-90	-40.3	131.6	-20.9	3.2	2.2	-2.0	8.87
-90	-35.3	129.1	-16.5	3.7	2.7	-2.2	8.98
-90	-30.3	126.7	-12.1	4.1	3.2	-2.4	9.12
-90	-25.3	124.4	-7.6	5.0	4.1	-2.7	9.30
-90	-20.3	122.2	-3.1	7.8	6.6	-4.1	9.47
-90	-15.5	120.0	1.1				
-90	-10.6	117.8	5.5				
-90	-5.6	115.5	10.0				
-87	-70.1	150.5	-46.5				
-87	-65.1	145.9	-42.7				
-87	-60.1	141.9	-38.7				
-87	-55.2	138.4	-34.7				
-87	-50.2	135.2	-30.5				
-87	-45.2	132.2	-26.3				
-87	-40.3	129.5	-22.0				
-87	-35.3	126.9	-17.7				
-87	-30.3	124.4	-13.3				
-87	-25.3	122.0	-8.9				
-87	-20.3	119.7	-4.4				
-87	-15.5	117.4	-0.2				
-87	-10.6	115.2	4.2				
-87	-5.6	112.9	8.6				
-84	-70.1	149.4	-47.2				
-84	-65.1	144.6	-43.5				
-84	-60.1	140.4	-39.6				
-84	-55.2	136.7	-35.7	2.3	1.2	-1.4	8.73
-84	-50.2	133.3	-31.6	2.5	1.5	-1.5	8.74
-84	-45.2	130.2	-27.4	2.8	1.9	-1.6	8.76
-84	-40.3	127.3	-23.2	3.1	2.2	-1.7	8.80
-84	-35.3	124.6	-18.9	3.5	2.7	-1.9	8.88
-84	-30.3	122.0	-14.5	3.9	3.2	-2.0	9.04
-84	-25.3	119.6	-10.1	4.5	3.9	-2.1	9.22
-84	-20.3	117.2	-5.7	5.9	5.2	-2.6	9.49
-84	-15.5	114.9	-1.5				
-84	-10.6	112.6	2.8				

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
-84	-5.6	110.2	7.2				
-81	-70.1	148.3	-47.9				
-81	-65.1	143.3	-44.3				
-81	-60.1	138.8	-40.5				
-81	-55.2	135.0	-36.7				
-81	-50.2	131.4	-32.6				
-81	-45.2	128.1	-28.5				
-81	-40.3	125.2	-24.4				
-81	-35.3	122.4	-20.1				
-81	-30.3	119.7	-15.8				
-81	-25.3	117.2	-11.5				
-81	-20.3	114.7	-7.1				
-81	-15.5	112.3	-2.9				
-81	-10.6	110.0	1.4				
-81	-5.6	107.6	5.8				
-78	-70.1	147.3	-48.7				
-78	-65.1	142.0	-45.2				
-78	-60.1	137.3	-41.5				
-78	-55.2	133.3	-37.7	2.2	1.2	-1.2	8.71
-78	-50.2	129.5	-33.8	2.3	1.5	-1.2	8.70
-78	-45.2	126.1	-29.7	2.6	1.7	-1.4	8.71
-78	-40.3	123.1	-25.6	2.9	2.2	-1.4	8.75
-78	-35.3	120.1	-21.4	3.3	2.6	-1.5	8.80
-78	-30.3	117.4	-17.1	3.7	3.1	-1.6	8.93
-78	-25.3	114.8	-12.8	4.2	3.7	-1.7	9.17
-78	-20.3	112.2	-8.5	5.0	4.6	-1.9	9.32
-78	-15.5	109.8	-4.3	6.6	6.2	-2.1	9.51
-78	-10.6	107.4	-0.0				
-78	-5.6	104.9	4.3				
-78	-0.7	102.5	8.6				
-75	-70.1	146.2	-49.4				
-75	-65.1	140.7	-46.1				
-75	-60.1	135.8	-42.5				
-75	-55.2	131.6	-38.8				
-75	-50.2	127.7	-34.9				
-75	-45.2	124.1	-30.9				
-75	-40.3	120.9	-26.9				
-75	-35.3	117.9	-22.7				
-75	-30.3	115.1	-18.5				
-75	-25.3	112.4	-14.2				
-75	-20.3	109.7	-9.9				
-75	-15.5	107.3	-5.7				
-75	-10.6	104.8	-1.5				
-75	-5.6	102.4	2.8				
-75	-0.7	99.9	7.1				
-72	-70.1	145.2	-50.2				
-72	-65.1	139.5	-47.0				
-72	-60.1	134.3	-43.5				
-72	-55.2	129.9	-39.9	2.1	1.2	-1.1	8.69
-72	-50.2	125.8	-36.1	2.3	1.5	-1.1	8.67
-72	-45.2	122.1	-32.1	2.5	1.7	-1.1	8.67
-72	-40.3	118.8	-28.2	2.8	2.1	-1.2	8.69
-72	-35.3	115.7	-24.0	3.2	2.6	-1.2	8.74
-72	-30.3	112.7	-19.8	3.5	3.0	-1.2	8.80
-72	-25.3	110.0	-15.6	4.0	3.6	-1.2	9.00
-72	-20.3	107.3	-11.3	4.6	4.4	-1.2	9.12
-72	-15.5	104.8	-7.2	5.3	5.1	-1.2	9.32
-72	-10.6	102.3	-3.0				
-72	-5.6	99.8	1.3				
-72	-0.7	97.3	5.6				
-72	4.3	94.7	9.9				
-69	-70.1	144.3	-51.0				
-69	-65.1	138.2	-48.0				
-69	-60.1	132.9	-44.6				
-69	-55.2	128.2	-41.1				
-69	-50.2	124.0	-37.3				
-69	-45.2	120.1	-33.4				
-69	-40.3	116.7	-29.5				
-69	-35.3	113.4	-25.4				
-69	-30.3	110.4	-21.2				
-69	-25.3	107.6	-17.0				
-69	-20.3	104.8	-12.8				
-69	-15.5	102.3	-8.7				
-69	-10.6	99.8	-4.5				
-69	-5.6	97.2	-0.2				
-69	-0.7	94.7	4.0				
-69	4.3	92.1	8.3				
-66	-70.1	143.4	-51.9				
-66	-65.1	137.0	-48.9				
-66	-60.1	131.4	-45.7				
-66	-55.2	126.5	-42.2				
-66	-50.2	122.1	-38.6	2.2	1.4	-1.0	8.63

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
-66	-45.2	118.1	-34.7	2.4	1.7	-1.0	8.62
-66	-40.3	114.6	-30.8	2.7	2.1	-1.0	8.63
-66	-35.3	111.2	-26.8	3.0	2.5	-1.0	8.67
-66	-30.3	108.1	-22.7	3.3	2.9	-1.0	8.71
-66	-25.3	105.2	-18.5	3.8	3.5	-0.9	8.80
-66	-20.3	102.4	-14.3	4.3	4.1	-0.9	9.04
-66	-15.5	99.8	-10.2	4.8	4.6	-0.9	9.20
-66	-10.6	97.2	-6.0	6.2	6.1	-0.6	9.45
-66	-5.6	94.6	-1.7				
-66	-0.7	92.1	2.5				
-66	4.3	89.5	6.8				
-63	-70.1	142.5	-52.7				
-63	-65.1	135.8	-49.9				
-63	-60.1	130.0	-46.8				
-63	-55.2	124.9	-43.4				
-63	-50.2	120.3	-39.8				
-63	-45.2	116.1	-36.1				
-63	-40.3	112.4	-32.2				
-63	-35.3	109.0	-28.2				
-63	-30.3	105.8	-24.1				
-63	-25.3	102.7	-20.0				
-63	-20.3	99.9	-15.8				
-63	-15.5	97.3	-11.7				
-63	-10.6	94.7	-7.5				
-63	-5.6	92.1	-3.2				
-63	-0.7	89.5	0.9				
-63	4.3	87.0	5.2				
-63	9.3	84.3	9.5				
-60	-70.1	141.6	-53.6				
-60	-65.1	134.7	-51.0				
-60	-60.1	128.5	-47.9				
-60	-55.2	123.2	-44.7				
-60	-50.2	118.4	-41.1	2.1	1.4	-0.7	8.61
-60	-45.2	114.1	-37.4	2.3	1.6	-0.7	8.54
-60	-40.3	110.3	-33.6	2.6	2.0	-0.7	8.55
-60	-35.3	106.7	-29.7	2.9	2.4	-0.7	8.58
-60	-30.3	103.4	-25.6	3.1	2.7	-0.6	8.63
-60	-25.3	100.3	-21.5	3.6	3.2	-0.6	8.70
-60	-20.3	97.4	-17.3	4.1	3.9	-0.5	8.90
-60	-15.5	94.8	-13.2	4.4	4.2	-0.5	9.10
-60	-10.6	92.1	-9.1	5.2	5.1	-0.2	9.28
-60	-5.6	89.5	-4.8	7.7	7.6	0.2	9.40
-60	-0.7	87.0	-0.6				
-60	4.3	84.4	3.7				
-60	9.3	81.8	8.0				
-57	-70.1	140.8	-54.5				
-57	-65.1	133.5	-52.0				
-57	-60.1	127.1	-49.1				
-57	-55.2	121.6	-45.9				
-57	-50.2	116.5	-42.5				
-57	-45.2	112.1	-38.8				
-57	-40.3	108.1	-35.1				
-57	-35.3	104.4	-31.1				
-57	-30.3	101.0	-27.1				
-57	-25.3	97.9	-23.0				
-57	-20.3	94.9	-18.8				
-57	-15.5	92.2	-14.8				
-57	-10.6	89.6	-10.6				
-57	-5.6	86.9	-6.3				
-57	-0.7	84.4	-2.1				
-57	4.3	81.8	2.1				
-57	9.3	79.2	6.4				
-54	-70.1	140.0	-55.4				
-54	-65.1	132.4	-53.1				
-54	-60.1	125.7	-50.3				
-54	-55.2	119.9	-47.2				
-54	-50.2	114.7	-43.8	2.1	1.4	-0.6	8.58
-54	-45.2	110.0	-40.2	2.3	1.6	-0.6	8.49
-54	-40.3	105.9	-36.5	2.5	1.9	-0.6	8.50
-54	-35.3	102.1	-32.6	2.7	2.2	-0.5	8.53
-54	-30.3	98.7	-28.6	3.0	2.6	-0.4	8.55
-54	-25.3	95.4	-24.5	3.3	3.0	-0.2	8.61
-54	-20.3	92.4	-20.3	3.8	3.6	-0.1	8.77
-54	-15.5	89.7	-16.3	4.0	3.9	-0.1	8.90
-54	-10.6	87.0	-12.2	4.6	4.5	0.1	9.08
-54	-5.6	84.4	-7.9	5.6	5.5	0.5	9.24
-54	-0.7	81.8	-3.7				
-54	4.3	79.3	0.6				
-54	9.3	76.7	4.9				
-54	14.4	74.0	9.2				
-51	-70.1	139.2	-56.4				
-51	-65.1	131.4	-54.2				
-51	-60.1	124.3	-51.5				

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
-51	-55.2	118.3	-48.5				
-51	-50.2	112.8	-45.2				
-51	-45.2	108.0	-41.6				
-51	-40.3	103.7	-38.0				
-51	-35.3	99.8	-34.1				
-51	-30.3	96.3	-30.1				
-51	-25.3	93.0	-26.0				
-51	-20.3	89.9	-21.9				
-51	-15.5	87.1	-17.9				
-51	-10.6	84.4	-13.7				
-51	-5.6	81.8	-9.4				
-51	-0.7	79.2	-5.2				
-51	4.3	76.7	-0.9				
-51	9.3	74.1	3.4				
-51	14.4	71.5	7.7				
-48	-70.1	138.5	-57.3				
-48	-65.1	130.3	-55.3				
-48	-60.1	123.0	-52.7				
-48	-55.2	116.6	-49.9				
-48	-50.2	110.9	-46.6	2.0	1.2	-0.5	8.52
-48	-45.2	105.9	-43.1	2.2	1.5	-0.5	8.48
-48	-40.3	101.5	-39.5	2.4	1.7	-0.4	8.46
-48	-35.3	97.5	-35.6	2.6	2.1	-0.2	8.47
-48	-30.3	93.8	-31.7	2.8	2.4	-0.1	8.48
-48	-25.3	90.5	-27.6	3.1	2.7	0.0	8.56
-48	-20.3	87.4	-23.4	3.4	3.1	0.1	8.68
-48	-15.5	84.6	-19.4	3.6	3.4	0.2	8.77
-48	-10.6	81.9	-15.3	4.1	3.9	0.5	8.93
-48	-5.6	79.2	-11.0	4.7	4.5	0.9	9.07
-48	-0.7	76.7	-6.8	6.2	6.0	1.5	9.31
-48	4.3	74.1	-2.5				
-48	9.3	71.6	1.9				
-48	14.4	69.0	6.3				
-45	-70.1	137.9	-58.3				
-45	-65.1	129.3	-56.4				
-45	-60.1	121.6	-54.0				
-45	-55.2	115.0	-51.2				
-45	-50.2	109.0	-48.0				
-45	-45.2	103.8	-44.6				
-45	-40.3	99.2	-41.0				
-45	-35.3	95.1	-37.2				
-45	-30.3	91.4	-33.2				
-45	-25.3	87.9	-29.1				
-45	-20.3	84.8	-25.0				
-45	-15.5	82.0	-21.0				
-45	-10.6	79.2	-16.8				
-45	-5.6	76.6	-12.5				
-45	-0.7	74.0	-8.3				
-45	4.3	71.5	-4.0				
-45	9.3	69.0	0.4				
-45	14.4	66.5	4.8				
-45	19.4	63.9	9.1				
-42	-70.1	137.3	-59.3				
-42	-65.1	128.3	-57.6				
-42	-60.1	120.3	-55.3				
-42	-55.2	113.3	-52.6				
-42	-50.2	107.1	-49.5	1.9	1.1	-0.4	8.48
-42	-45.2	101.6	-46.1	2.1	1.4	-0.2	8.45
-42	-40.3	96.9	-42.5	2.3	1.6	-0.1	8.43
-42	-35.3	92.7	-38.7	2.4	1.9	0.0	8.43
-42	-30.3	88.9	-34.7	2.6	2.1	0.1	8.44
-42	-25.3	85.4	-30.7	2.9	2.5	0.2	8.48
-42	-20.3	82.2	-26.5	3.1	2.7	0.4	8.61
-42	-15.5	79.3	-22.5	3.3	3.0	0.6	8.70
-42	-10.6	76.6	-18.3	3.8	3.5	0.9	8.81
-42	-5.6	73.9	-14.0	4.2	3.9	1.1	8.94
-42	-0.7	71.4	-9.8	5.3	4.9	1.7	9.08
-42	4.3	68.9	-5.4	8.5	7.9	3.1	9.24
-42	9.3	66.4	-1.1				
-42	14.4	63.9	3.3				
-42	19.4	61.5	7.7				
-39	-70.1	136.8	-60.2				
-39	-65.1	127.4	-58.7				
-39	-60.1	119.0	-56.6				
-39	-55.2	111.7	-54.0				
-39	-50.2	105.2	-50.9				
-39	-45.2	99.5	-47.6				
-39	-40.3	94.6	-44.0				
-39	-35.3	90.2	-40.2				
-39	-30.3	86.3	-36.3				
-39	-25.3	82.8	-32.2				
-39	-20.3	79.5	-28.1				
-39	-15.5	76.7	-24.0				
-39	-10.6	73.9	-19.8				

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
-39	-5.6	71.3	-15.5				
-39	-0.7	68.8	-11.3				
-39	4.3	66.3	-6.9				
-39	9.3	63.9	-2.5				
-39	14.4	61.4	1.9				
-39	19.4	59.0	6.3				
-36	-70.1	136.3	-61.2				
-36	-65.1	126.5	-59.9				
-36	-60.1	117.7	-57.9				
-36	-55.2	110.0	-55.4				
-36	-50.2	103.2	-52.4	1.9	1.0	-0.2	8.45
-36	-45.2	97.3	-49.1	2.0	1.2	-0.1	8.42
-36	-40.3	92.2	-45.6	2.2	1.5	0.0	8.39
-36	-35.3	87.7	-41.8	2.4	1.7	0.1	8.39
-36	-30.3	83.7	-37.8	2.6	2.0	0.2	8.41
-36	-25.3	80.1	-33.8	2.8	2.2	0.4	8.46
-36	-20.3	76.8	-29.6	3.0	2.5	0.6	8.55
-36	-15.5	74.0	-25.5	3.2	2.7	0.7	8.65
-36	-10.6	71.2	-21.3	3.5	3.1	1.0	8.70
-36	-5.6	68.6	-17.0	3.9	3.5	1.4	8.85
-36	-0.7	66.1	-12.7	4.6	4.1	1.9	9.00
-36	4.3	63.6	-8.4	5.8	5.1	2.5	9.21
-36	9.3	61.3	-4.0				
-36	14.4	58.8	0.5				
-36	19.4	56.5	4.9				
-36	24.3	54.1	9.3				
-33	-70.1	136.0	-62.2				
-33	-65.1	125.7	-61.1				
-33	-60.1	116.4	-59.2				
-33	-55.2	108.3	-56.8				
-33	-50.2	101.2	-53.9				
-33	-45.2	95.0	-50.6				
-33	-40.3	89.8	-47.1				
-33	-35.3	85.1	-43.3				
-33	-30.3	81.0	-39.4				
-33	-25.3	77.4	-35.3				
-33	-20.3	74.1	-31.1				
-33	-15.5	71.2	-27.1				
-33	-10.6	68.5	-22.8				
-33	-5.6	65.8	-18.5				
-33	-0.7	63.4	-14.2				
-33	4.3	61.0	-9.8				
-33	9.3	58.6	-5.3				
-33	14.4	56.3	-0.8				
-33	19.4	54.0	3.6				
-33	24.3	51.7	8.0				
-30	-70.1	135.7	-63.3				
-30	-65.1	124.9	-62.3				
-30	-60.1	115.1	-60.6				
-30	-55.2	106.6	-58.3				
-30	-50.2	99.1	-55.4	1.9	1.0	-0.1	8.42
-30	-45.2	92.7	-52.1	2.0	1.1	0.0	8.40
-30	-40.3	87.3	-48.7	2.1	1.4	0.1	8.38
-30	-35.3	82.5	-44.9	2.2	1.5	0.2	8.37
-30	-30.3	78.3	-40.9	2.4	1.7	0.4	8.37
-30	-25.3	74.6	-36.8	2.6	2.0	0.6	8.41
-30	-20.3	71.3	-32.6	2.8	2.2	0.7	8.48
-30	-15.5	68.4	-28.5	3.0	2.5	1.0	8.60
-30	-10.6	65.7	-24.3	3.3	2.7	1.1	8.67
-30	-5.6	63.1	-19.9	3.6	3.0	1.5	8.75
-30	-0.7	60.6	-15.6	4.2	3.5	2.0	8.91
-30	4.3	58.3	-11.1	4.9	4.1	2.5	9.06
-30	9.3	56.0	-6.7	7.5	6.1	4.2	9.17
-30	14.4	53.7	-2.1				
-30	19.4	51.4	2.3				
-30	24.3	49.2	6.7				
-27	-70.1	135.5	-64.3				
-27	-65.1	124.2	-63.5				
-27	-60.1	113.9	-61.9				
-27	-55.2	104.9	-59.7				
-27	-50.2	97.0	-56.9				
-27	-45.2	90.3	-53.7				
-27	-40.3	84.7	-50.2				
-27	-35.3	79.8	-46.4				
-27	-30.3	75.5	-42.4				
-27	-25.3	71.8	-38.3				
-27	-20.3	68.4	-34.1				
-27	-15.5	65.5	-30.0				
-27	-10.6	62.8	-25.7				
-27	-5.6	60.2	-21.3				
-27	-0.7	57.9	-17.0				
-27	4.3	55.5	-12.5				
-27	9.3	53.3	-8.0				
-27	14.4	51.1	-3.4				

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
-27	19.4	48.9	1.1				
-27	24.3	46.8	5.5				
-27	29.2	44.6	9.9				
-24	-70.1	135.4	-65.3				
-24	-65.1	123.6	-64.8				
-24	-60.1	112.6	-63.3				
-24	-55.2	103.1	-61.2				
-24	-50.2	94.8	-58.5	1.8	0.9	-0.1	8.41
-24	-45.2	87.8	-55.2	1.9	1.0	0.0	8.38
-24	-40.3	82.0	-51.8	2.1	1.2	0.2	8.36
-24	-35.3	77.0	-48.0	2.2	1.4	0.4	8.35
-24	-30.3	72.6	-44.0	2.3	1.5	0.5	8.35
-24	-25.3	68.8	-39.8	2.5	1.7	0.7	8.38
-24	-20.3	65.5	-35.6	2.6	1.9	0.9	8.45
-24	-15.5	62.6	-31.4	2.8	2.1	1.1	8.53
-24	-10.6	59.9	-27.1	3.0	2.2	1.4	8.61
-24	-5.6	57.4	-22.7	3.4	2.6	1.7	8.67
-24	-0.7	55.0	-18.3	3.8	2.9	2.1	8.83
-24	4.3	52.8	-13.8	4.3	3.2	2.6	8.98
-24	9.3	50.6	-9.3	5.5	4.1	3.5	9.17
-24	14.4	48.4	-4.7	11.6	8.5	7.7	8.70
-24	19.4	46.3	-0.1				
-24	24.3	44.3	4.3				
-24	29.2	42.2	8.8				
-21	-70.1	135.4	-66.3				
-21	-65.1	123.1	-66.0				
-21	-60.1	111.4	-64.7				
-21	-55.2	101.3	-62.7				
-21	-50.2	92.6	-60.0				
-21	-45.2	85.2	-56.8				
-21	-40.3	79.2	-53.3				
-21	-35.3	74.0	-49.5				
-21	-30.3	69.6	-45.5				
-21	-25.3	65.8	-41.3				
-21	-20.3	62.5	-37.0				
-21	-15.5	59.6	-32.8				
-21	-10.6	57.0	-28.5				
-21	-5.6	54.5	-24.0				
-21	-0.7	52.2	-19.6				
-21	4.3	50.0	-15.1				
-21	9.3	47.9	-10.5				
-21	14.4	45.8	-5.8				
-21	19.4	43.8	-1.3				
-21	24.3	41.8	3.2				
-21	29.2	39.8	7.7				
-18	-70.1	315.6	-67.3				
-18	-65.1	122.6	-67.2				
-18	-60.1	110.3	-66.1				
-18	-55.2	99.5	-64.2				
-18	-50.2	90.2	-61.5	1.8	0.9	0.0	8.40
-18	-45.2	82.5	-58.3	1.9	1.0	0.1	8.37
-18	-40.3	76.3	-54.8	2.0	1.1	0.2	8.35
-18	-35.3	71.0	-51.0	2.1	1.2	0.4	8.34
-18	-30.3	66.6	-46.9	2.2	1.4	0.6	8.34
-18	-25.3	62.7	-42.7	2.3	1.5	0.7	8.36
-18	-20.3	59.4	-38.4	2.6	1.7	1.0	8.42
-18	-15.5	56.6	-34.2	2.7	1.9	1.2	8.50
-18	-10.6	54.0	-29.8	2.9	2.0	1.5	8.58
-18	-5.6	51.5	-25.3	3.2	2.2	1.7	8.65
-18	-0.7	49.3	-20.9	3.5	2.5	2.1	8.71
-18	4.3	47.1	-16.3	3.9	2.7	2.5	8.90
-18	9.3	45.1	-11.7	4.7	3.2	3.2	9.09
-18	14.4	43.1	-7.0	8.4	5.6	6.1	9.08
-18	19.4	41.2	-2.4				
-18	24.3	39.3	2.1				
-18	29.2	37.4	6.7				
-15	-70.1	315.9	-68.4				
-15	-65.1	122.3	-68.5				
-15	-60.1	109.1	-67.6				
-15	-55.2	97.6	-65.7				
-15	-50.2	87.8	-63.1				
-15	-45.2	79.7	-59.9				
-15	-40.3	73.3	-56.3				
-15	-35.3	67.9	-52.5				
-15	-30.3	63.4	-48.4				
-15	-25.3	59.5	-44.1				
-15	-20.3	56.2	-39.8				
-15	-15.5	53.4	-35.5				
-15	-10.6	50.9	-31.1				
-15	-5.6	48.5	-26.6				
-15	-0.7	46.3	-22.1				
-15	4.3	44.3	-17.5				
-15	9.3	42.3	-12.8				
-15	14.4	40.4	-8.1				

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
-15	19.4	38.5	-3.4				
-15	24.3	36.7	1.1				
-15	29.2	34.9	5.7				
-12	-70.1	316.4	-69.4				
-12	-65.1	122.1	-69.8				
-12	-60.1	108.0	-69.0				
-12	-55.2	95.7	-67.2				
-12	-50.2	85.2	-64.6				
-12	-45.2	76.8	-61.4				
-12	-40.3	70.1	-57.8	1.9	0.9	0.4	8.32
-12	-35.3	64.6	-53.9	2.0	1.0	0.5	8.31
-12	-30.3	60.0	-49.8	2.2	1.1	0.7	8.31
-12	-25.3	56.2	-45.5	2.3	1.2	0.9	8.31
-12	-20.3	53.0	-41.1	2.4	1.4	1.1	8.38
-12	-15.5	50.2	-36.8	2.6	1.5	1.4	8.44
-12	-10.6	47.7	-32.3	2.6	1.6	1.5	8.54
-12	-5.6	45.4	-27.7	3.0	1.9	1.9	8.63
-12	-0.7	43.3	-23.2	3.2	2.0	2.1	8.70
-12	4.3	41.4	-18.6	3.5	2.2	2.5	8.89
-12	9.3	39.5	-13.9	4.0	2.5	3.0	9.00
-12	14.4	37.6	-9.1	5.9	3.5	4.6	9.09
-12	19.4	35.9	-4.5				
-12	24.3	34.2	0.1				
-12	29.2	32.5	4.7				
-12	34.1	30.8	9.3				
-9	-70.1	317.0	-70.4				
-9	-65.1	122.0	-71.0				
-9	-60.1	106.9	-70.5				
-9	-55.2	93.7	-68.8				
-9	-50.2	82.5	-66.2				
-9	-45.2	73.6	-62.9				
-9	-40.3	66.7	-59.3				
-9	-35.3	61.1	-55.3				
-9	-30.3	56.6	-51.1				
-9	-25.3	52.8	-46.8				
-9	-20.3	49.6	-42.3				
-9	-15.5	46.9	-38.0				
-9	-10.6	44.5	-33.5				
-9	-5.6	42.3	-28.9				
-9	-0.7	40.3	-24.3				
-9	4.3	38.4	-19.6				
-9	9.3	36.6	-14.9				
-9	14.4	34.9	-10.1				
-9	19.4	33.2	-5.4				
-9	24.3	31.6	-0.8				
-9	29.2	30.0	3.9				
-9	34.1	28.4	8.5				
-6	-70.1	317.9	-71.3				
-6	-65.1	122.2	-72.3				
-6	-60.1	105.9	-71.9				
-6	-55.2	91.5	-70.3				
-6	-50.2	79.6	-67.7				
-6	-45.2	70.2	-64.4				
-6	-40.3	63.2	-60.8	1.9	0.7	0.5	8.30
-6	-35.3	57.5	-56.7	2.0	0.9	0.6	8.29
-6	-30.3	53.0	-52.4	2.1	0.9	0.7	8.29
-6	-25.3	49.3	-48.1	2.2	1.0	1.0	8.29
-6	-20.3	46.1	-43.6	2.4	1.1	1.2	8.35
-6	-15.5	43.5	-39.2	2.5	1.2	1.5	8.42
-6	-10.6	41.2	-34.6	2.6	1.4	1.6	8.50
-6	-5.6	39.1	-30.0	2.8	1.5	1.9	8.60
-6	-0.7	37.2	-25.4	3.0	1.6	2.1	8.71
-6	4.3	35.4	-20.6	3.3	1.7	2.5	8.87
-6	9.3	33.7	-15.9	3.6	2.0	2.9	8.99
-6	14.4	32.1	-11.1	4.7	2.5	3.9	9.10
-6	19.4	30.5	-6.3	9.9	5.0	8.5	8.99
-6	24.3	29.0	-1.6				
-6	29.2	27.5	3.0				
-6	34.1	26.0	7.7				
-3	-70.1	319.1	-72.3				
-3	-65.1	302.5	-73.5				
-3	-60.1	104.9	-73.4				
-3	-55.2	89.2	-71.9				
-3	-50.2	76.4	-69.3				
-3	-45.2	66.6	-65.9				
-3	-40.3	59.4	-62.2				
-3	-35.3	53.7	-58.0				
-3	-30.3	49.2	-53.7				
-3	-25.3	45.6	-49.3				
-3	-20.3	42.5	-44.7				
-3	-15.5	40.1	-40.3				
-3	-10.6	37.8	-35.7				
-3	-5.6	35.8	-31.0				
-3	-0.7	34.0	-26.3				

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
-3	4.3	32.3	-21.6				
-3	9.3	30.8	-16.8				
-3	14.4	29.2	-11.9				
-3	19.4	27.8	-7.1				
-3	24.3	26.4	-2.4				
-3	29.2	25.0	2.3				
-3	34.1	23.6	7.0				
0	-70.1	320.5	-73.2				
0	-65.1	303.2	-74.8				
0	-60.1	104.0	-74.9				
0	-55.2	86.8	-73.4				
0	-50.2	72.9	-70.8				
0	-45.2	62.7	-67.3				
0	-40.3	55.4	-63.5	1.9	0.6	0.5	8.29
0	-35.3	49.7	-59.3	1.9	0.6	0.6	8.28
0	-30.3	45.3	-54.9	2.1	0.7	0.9	8.28
0	-25.3	41.8	-50.4	2.2	0.9	1.1	8.28
0	-20.3	38.9	-45.8	2.4	1.0	1.4	8.33
0	-15.5	36.5	-41.3	2.4	1.0	1.5	8.40
0	-10.6	34.4	-36.7	2.5	1.1	1.6	8.48
0	-5.6	32.5	-31.9	2.7	1.2	1.9	8.59
0	-0.7	30.8	-27.2	2.8	1.2	2.1	8.71
0	4.3	29.3	-22.4	3.1	1.4	2.5	8.84
0	9.3	27.8	-17.6	3.4	1.5	2.9	8.98
0	14.4	26.4	-12.7	4.3	1.9	3.7	9.09
0	19.4	25.0	-7.9	7.7	3.1	7.0	9.01
0	24.3	23.8	-3.2				
0	29.2	22.5	1.6				
0	34.1	21.2	6.3				
3	-70.1	322.2	-74.1				
3	-65.1	304.2	-76.0				
3	-60.1	103.2	-76.3				
3	-55.2	84.1	-75.0				
3	-50.2	69.1	-72.3				
3	-45.2	58.5	-68.7				
3	-40.3	51.0	-64.8				
3	-35.3	45.4	-60.5				
3	-30.3	41.2	-56.0				
3	-25.3	37.8	-51.4				
3	-20.3	35.1	-46.8				
3	-15.5	32.8	-42.2				
3	-10.6	30.9	-37.6				
3	-5.6	29.1	-32.8				
3	-0.7	27.6	-28.1				
3	4.3	26.1	-23.2				
3	9.3	24.8	-18.4				
3	14.4	23.5	-13.5				
3	19.4	22.3	-8.6				
3	24.3	21.1	-3.8				
3	29.2	20.0	0.9				
3	34.1	18.8	5.7				
6	-70.1	324.4	-75.0				
6	-65.1	305.7	-77.3				
6	-60.1	102.5	-77.8				
6	-55.2	81.1	-76.5				
6	-50.2	64.9	-73.7				
6	-45.2	53.8	-70.1				
6	-40.3	46.4	-66.0	1.9	0.5	0.5	8.28
6	-35.3	40.9	-61.6	2.0	0.5	0.7	8.27
6	-30.3	36.9	-57.1	2.0	0.6	0.9	8.27
6	-25.3	33.7	-52.4	2.2	0.6	1.1	8.27
6	-20.3	31.1	-47.7	2.3	0.7	1.4	8.30
6	-15.5	29.1	-43.1	2.3	0.7	1.5	8.39
6	-10.6	27.3	-38.4	2.5	0.9	1.7	8.49
6	-5.6	25.7	-33.6	2.6	0.9	2.0	8.58
6	-0.7	24.3	-28.8	2.8	1.0	2.2	8.71
6	4.3	23.0	-24.0	2.9	1.0	2.5	8.89
6	9.3	21.7	-19.1	3.3	1.1	2.9	8.95
6	14.4	20.6	-14.1	4.0	1.4	3.6	9.00
6	19.4	19.5	-9.2	6.4	2.0	6.0	9.00
6	24.3	18.4	-4.5				
6	29.2	17.4	0.3				
6	34.1	16.4	5.1				
9	-70.1	326.9	-75.8				
9	-65.1	307.8	-78.4				
9	-60.1	102.0	-79.3				
9	-55.2	77.7	-78.1				
9	-50.2	60.0	-75.1				
9	-45.2	48.7	-71.3				
9	-40.3	41.4	-67.2				
9	-35.3	36.2	-62.7				
9	-30.3	32.4	-58.0				
9	-25.3	29.4	-53.3				
9	-20.3	27.1	-48.5				

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
9	-15.5	25.3	-43.9				
9	-10.6	23.6	-39.2				
9	-5.6	22.2	-34.3				
9	-0.7	20.9	-29.5				
9	4.3	19.8	-24.6				
9	9.3	18.7	-19.7				
9	14.4	17.6	-14.7				
9	19.4	16.7	-9.8				
9	24.3	15.7	-5.0				
9	29.2	14.8	-0.2				
9	34.1	13.9	4.6				
12	-70.1	329.8	-76.5				
12	-65.1	310.6	-79.6				
12	-60.1	101.8	-80.8				
12	-55.2	73.6	-79.6				
12	-50.2	54.4	-76.5				
12	-45.2	43.0	-72.5				
12	-40.3	36.0	-68.2	1.9	0.4	0.6	8.28
12	-35.3	31.2	-63.6	1.9	0.4	0.7	8.27
12	-30.3	27.7	-58.9	2.0	0.5	0.9	8.26
12	-25.3	25.1	-54.1	2.1	0.5	1.1	8.26
12	-20.3	23.0	-49.3	2.2	0.5	1.2	8.29
12	-15.5	21.3	-44.6	2.4	0.6	1.6	8.38
12	-10.6	19.9	-39.8	2.4	0.6	1.7	8.47
12	-5.6	18.6	-34.9	2.5	0.6	2.0	8.55
12	-0.7	17.5	-30.1	2.7	0.7	2.2	8.70
12	4.3	16.5	-25.2	2.9	0.7	2.5	8.80
12	9.3	15.6	-20.3	3.2	0.7	2.9	8.90
12	14.4	14.7	-15.2	3.9	0.9	3.6	9.00
12	19.4	13.8	-10.3	5.6	1.2	5.4	9.00
12	24.3	13.0	-5.5				
12	29.2	12.3	-0.6				
12	34.1	11.5	4.2				
15	-70.1	333.3	-77.2				
15	-65.1	314.4	-80.7				
15	-60.1	282.0	-82.3				
15	-55.2	68.6	-81.1				
15	-50.2	47.9	-77.7				
15	-45.2	36.7	-73.6				
15	-40.3	30.2	-69.1				
15	-35.3	25.9	-64.4				
15	-30.3	22.8	-59.6				
15	-25.3	20.6	-54.8				
15	-20.3	18.8	-49.9				
15	-15.5	17.3	-45.2				
15	-10.6	16.1	-40.4				
15	-5.6	15.0	-35.5				
15	-0.7	14.1	-30.6				
15	4.3	13.3	-25.7				
15	9.3	12.5	-20.7				
15	14.4	11.7	-15.7				
15	19.4	11.0	-10.7				
15	24.3	10.3	-5.9				
15	29.2	9.7	-1.0				
15	34.1	9.0	3.8				
18	-70.1	337.2	-77.7				
18	-65.1	319.5	-81.6				
18	-60.1	282.9	-83.8				
18	-55.2	62.2	-82.5				
18	-50.2	40.3	-78.9				
18	-45.2	29.8	-74.5				
18	-40.3	24.1	-69.9	1.9	0.2	0.6	8.27
18	-35.3	20.4	-65.1	1.9	0.2	0.7	8.25
18	-30.3	17.8	-60.3	2.0	0.2	1.0	8.25
18	-25.3	15.9	-55.4	2.1	0.4	1.1	8.26
18	-20.3	14.4	-50.4	2.3	0.4	1.5	8.28
18	-15.5	13.3	-45.7	2.3	0.4	1.6	8.35
18	-10.6	12.3	-40.9	2.4	0.4	1.7	8.42
18	-5.6	11.4	-35.9	2.5	0.4	2.0	8.51
18	-0.7	10.7	-31.0	2.7	0.4	2.2	8.64
18	4.3	10.0	-26.1	3.0	0.5	2.6	8.75
18	9.3	9.3	-21.1	3.1	0.5	2.9	8.83
18	14.4	8.7	-16.0	3.8	0.5	3.6	8.95
18	19.4	8.1	-11.1	5.2	0.7	5.0	9.00
18	24.3	7.6	-6.2	10.8	1.4	10.6	8.89
18	29.2	7.1	-1.3				
18	34.1	6.5	3.5				
21	-70.1	341.5	-78.2				
21	-65.1	326.2	-82.5				
21	-60.1	285.2	-85.3				
21	-55.2	53.4	-83.9				
21	-50.2	31.3	-79.9				
21	-45.2	22.3	-75.3				
21	-40.3	17.6	-70.5				

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
21	-35.3	14.7	-65.7				
21	-30.3	12.7	-60.7				
21	-25.3	11.2	-55.8				
21	-20.3	10.0	-50.9				
21	-15.5	9.2	-46.1				
21	-10.6	8.4	-41.2				
21	-5.6	7.7	-36.2				
21	-0.7	7.2	-31.4				
21	4.3	6.6	-26.4				
21	9.3	6.2	-21.4				
21	14.4	5.7	-16.3				
21	19.4	5.3	-11.3				
21	24.3	4.9	-6.5				
21	29.2	4.5	-1.6				
21	34.1	4.1	3.3				
24	-70.1	346.3	-78.5				
24	-65.1	334.8	-83.2				
24	-60.1	290.7	-86.7				
24	-55.2	40.6	-85.1				
24	-50.2	20.9	-80.6				
24	-45.2	14.1	-75.8				
24	-40.3	10.8	-71.0				
24	-35.3	8.8	-66.1				
24	-30.3	7.4	-61.1	2.0	0.1	1.0	8.23
24	-25.3	6.4	-56.1	2.1	0.1	1.1	8.24
24	-20.3	5.6	-51.2	2.3	0.1	1.5	8.28
24	-15.5	5.0	-46.4	2.3	0.1	1.6	8.33
24	-10.6	4.5	-41.5	2.5	0.1	1.9	8.38
24	-5.6	4.0	-36.5	2.6	0.1	2.1	8.47
24	-0.7	3.7	-31.6	2.8	0.1	2.4	8.57
24	4.3	3.3	-26.6	2.9	0.1	2.6	8.66
24	9.3	3.0	-21.6	3.3	0.1	3.0	8.75
24	14.4	2.7	-16.5	3.8	0.1	3.6	8.90
24	19.4	2.4	-11.5	4.9	0.1	4.7	9.00
24	24.3	2.1	-6.7	9.6	0.4	9.5	8.95
24	29.2	1.8	-1.8				
24	34.1	1.6	3.1				
27	-70.1	351.4	-78.7				
27	-65.1	345.1	-83.6				
27	-60.1	306.1	-88.1				
27	-55.2	21.7	-86.0				
27	-50.2	9.2	-81.1				
27	-45.2	5.5	-76.2				
27	-40.3	3.8	-71.3				
27	-35.3	2.7	-66.3				
27	-30.3	2.0	-61.3				
27	-25.3	1.5	-56.3				
27	-20.3	1.1	-51.3				
27	-15.5	0.8	-46.5				
27	-10.6	0.6	-41.6				
27	-5.6	0.3	-36.6				
27	-0.7	0.1	-31.8				
27	4.3	-0.0	-26.8				
27	9.3	359.8	-21.8				
27	14.4	359.6	-16.7				
27	19.4	359.5	-11.7				
27	24.3	359.4	-6.8				
27	29.2	359.2	-1.9				
27	34.1	359.1	3.0				
30	-70.1	356.6	-78.8				
30	-65.1	356.6	-83.8				
30	-60.1	356.6	-88.8				
30	-55.2	356.6	-86.3				
30	-50.2	356.6	-81.3				
30	-45.2	356.6	-76.3				
30	-40.3	356.6	-71.4				
30	-35.3	356.6	-66.4				
30	-30.3	356.6	-61.4	2.0	0.0	1.0	8.22
30	-25.3	356.6	-56.4	2.1	-0.1	1.1	8.22
30	-20.3	356.6	-51.4	2.3	-0.1	1.5	8.27
30	-15.5	356.6	-46.6	2.4	-0.1	1.6	8.30
30	-10.6	356.6	-41.7	2.5	-0.1	1.9	8.34
30	-5.6	356.6	-36.7	2.7	-0.1	2.1	8.40
30	-0.7	356.6	-31.8	3.0	-0.1	2.6	8.50
30	4.3	356.6	-26.8	3.1	-0.1	2.7	8.59
30	9.3	356.6	-21.8	3.4	-0.2	3.1	8.69
30	14.4	356.6	-16.7	3.8	-0.2	3.6	8.86
30	19.4	356.6	-11.7	4.7	-0.2	4.6	9.00
30	24.3	356.6	-6.8	9.3	-0.6	9.2	8.99
30	29.2	356.6	-1.9				
30	34.1	356.6	3.0				
33	-70.1	1.8	-78.7				
33	-65.1	8.1	-83.6				
33	-60.1	47.1	-88.1				

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
33	-55.2	331.5	-86.0				
33	-50.2	344.1	-81.1				
33	-45.2	347.7	-76.2				
33	-40.3	349.5	-71.3				
33	-35.3	350.5	-66.3				
33	-30.3	351.2	-61.3				
33	-25.3	351.7	-56.3				
33	-20.3	352.1	-51.3				
33	-15.5	352.4	-46.5				
33	-10.6	352.7	-41.6				
33	-5.6	352.9	-36.6				
33	-0.7	353.1	-31.8				
33	4.3	353.3	-26.8				
33	9.3	353.4	-21.8				
33	14.4	353.6	-16.7				
33	19.4	353.7	-11.7				
33	24.3	353.9	-6.8				
33	29.2	354.0	-1.9				
33	34.1	354.1	3.0				
36	-70.1	6.9	-78.5				
36	-65.1	18.4	-83.2				
36	-60.1	62.5	-86.7				
36	-55.2	312.6	-85.1				
36	-50.2	332.3	-80.6				
36	-45.2	339.1	-75.8				
36	-40.3	342.4	-71.0				
36	-35.3	344.5	-66.1				
36	-30.3	345.8	-61.1	2.1	-0.2	1.0	8.20
36	-25.3	346.8	-56.1	2.2	-0.2	1.1	8.18
36	-20.3	347.6	-51.2	2.4	-0.4	1.5	8.22
36	-15.5	348.2	-46.4	2.4	-0.4	1.6	8.28
36	-10.6	348.7	-41.5	2.6	-0.4	1.9	8.31
36	-5.6	349.2	-36.5	2.7	-0.4	2.1	8.37
36	-0.7	349.6	-31.6	3.0	-0.5	2.5	8.46
36	4.3	349.9	-26.6	3.1	-0.5	2.7	8.55
36	9.3	350.2	-21.6	3.6	-0.6	3.2	8.68
36	14.4	350.5	-16.5	4.0	-0.6	3.7	8.87
36	19.4	350.8	-11.5	4.8	-0.7	4.6	9.00
36	24.3	351.1	-6.7	9.8	-1.5	9.6	8.97
36	29.2	351.4	-1.8				
36	34.1	351.6	3.1				
39	-70.1	11.7	-78.2				
39	-65.1	27.0	-82.5				
39	-60.1	68.0	-85.3				
39	-55.2	299.9	-83.9				
39	-50.2	321.9	-79.9				
39	-45.2	330.9	-75.3				
39	-40.3	335.6	-70.5				
39	-35.3	338.6	-65.7				
39	-30.3	340.6	-60.7				
39	-25.3	342.0	-55.8				
39	-20.3	343.2	-50.9				
39	-15.5	344.1	-46.1				
39	-10.6	344.8	-41.2				
39	-5.6	345.5	-36.2				
39	-0.7	346.1	-31.4				
39	4.3	346.6	-26.4				
39	9.3	347.1	-21.4				
39	14.4	347.5	-16.3				
39	19.4	348.0	-11.3				
39	24.3	348.4	-6.5				
39	29.2	348.8	-1.6				
39	34.1	349.2	3.3				
42	-70.1	16.0	-77.7				
42	-65.1	33.7	-81.6				
42	-60.1	70.3	-83.8				
42	-55.2	291.0	-82.5				
42	-50.2	312.9	-78.9				
42	-45.2	323.4	-74.5				
42	-40.3	329.1	-69.9				
42	-35.3	332.8	-65.1				
42	-30.3	335.4	-60.3				
42	-25.3	337.3	-55.4				
42	-20.3	338.8	-50.4	2.3	-0.4	1.4	8.20
42	-15.5	339.9	-45.7	2.4	-0.5	1.6	8.25
42	-10.6	340.9	-40.9	2.6	-0.6	1.9	8.29
42	-5.6	341.8	-35.9	2.7	-0.5	2.1	8.34
42	-0.7	342.6	-31.0	3.0	-0.6	2.5	8.43
42	4.3	343.3	-26.1	3.3	-0.9	2.9	8.54
42	9.3	343.9	-21.1	3.7	-1.0	3.2	8.67
42	14.4	344.5	-16.0	4.2	-1.1	3.9	8.88
42	19.4	345.1	-11.1	4.9	-1.2	4.6	9.00
42	24.3	345.6	-6.2	11.0	-2.7	10.6	8.88
42	29.2	346.2	-1.3				
42	34.1	346.7	3.5				

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
45	-70.1	19.9	-77.2				
45	-65.1	38.8	-80.7				
45	-60.1	71.2	-82.3				
45	-55.2	284.6	-81.1				
45	-50.2	305.3	-77.7				
45	-45.2	316.5	-73.6				
45	-40.3	323.0	-69.1				
45	-35.3	327.3	-64.4				
45	-30.3	330.4	-59.6				
45	-25.3	332.7	-54.8				
45	-20.3	334.5	-49.9				
45	-15.5	335.9	-45.2				
45	-10.6	337.1	-40.4				
45	-5.6	338.2	-35.5				
45	-0.7	339.1	-30.6				
45	4.3	340.0	-25.7				
45	9.3	340.8	-20.7				
45	14.4	341.5	-15.7				
45	19.4	342.2	-10.7				
45	24.3	342.9	-5.9				
45	29.2	343.6	-1.0				
45	34.1	344.2	3.8				
48	-70.1	23.4	-76.5				
48	-65.1	42.6	-79.6				
48	-60.1	251.4	-80.8				
48	-55.2	279.6	-79.6				
48	-50.2	298.8	-76.5				
48	-45.2	310.2	-72.5				
48	-40.3	317.2	-68.2				
48	-35.3	322.1	-63.6				
48	-30.3	325.5	-58.9				
48	-25.3	328.2	-54.1				
48	-20.3	330.2	-49.3	2.4	-0.7	1.4	8.19
48	-15.5	331.9	-44.6	2.5	-0.7	1.6	8.23
48	-10.6	333.3	-39.8	2.7	-0.9	1.9	8.28
48	-5.6	334.6	-34.9	2.9	-1.0	2.1	8.31
48	-0.7	335.7	-30.1	3.1	-1.0	2.5	8.42
48	4.3	336.7	-25.2	3.4	-1.2	2.7	8.54
48	9.3	337.6	-20.3	3.8	-1.4	3.2	8.69
48	14.4	338.5	-15.2	4.3	-1.5	3.9	8.90
48	19.4	339.4	-10.3	5.1	-1.9	4.6	9.01
48	24.3	340.2	-5.5				
48	29.2	341.0	-0.6				
48	34.1	341.7	4.2				
51	-70.1	26.3	-75.8				
51	-65.1	45.4	-78.4				
51	-60.1	251.2	-79.3				
51	-55.2	275.5	-78.1				
51	-50.2	293.2	-75.1				
51	-45.2	304.5	-71.3				
51	-40.3	311.8	-67.2				
51	-35.3	317.0	-62.7				
51	-30.3	320.8	-58.0				
51	-25.3	323.8	-53.3				
51	-20.3	326.1	-48.5				
51	-15.5	328.0	-43.9				
51	-10.6	329.6	-39.2				
51	-5.6	331.0	-34.3				
51	-0.7	332.3	-29.5				
51	4.3	333.5	-24.6				
51	9.3	334.5	-19.7				
51	14.4	335.6	-14.7				
51	19.4	336.5	-9.8				
51	24.3	337.5	-5.0				
51	29.2	338.4	-0.2				
51	34.1	339.3	4.6				
54	-70.1	28.9	-75.0				
54	-65.1	47.5	-77.3				
54	-60.1	250.7	-77.8				
54	-55.2	272.1	-76.5				
54	-50.2	288.4	-73.7				
54	-45.2	299.4	-70.1				
54	-40.3	306.8	-66.0				
54	-35.3	312.3	-61.6				
54	-30.3	316.4	-57.1				
54	-25.3	319.5	-52.4				
54	-20.3	322.1	-47.7	2.4	-1.0	1.2	8.20
54	-15.5	324.1	-43.1	2.6	-1.1	1.5	8.25
54	-10.6	325.9	-38.4	2.7	-1.1	1.7	8.28
54	-5.6	327.5	-33.6	2.9	-1.2	2.0	8.32
54	-0.7	328.9	-28.8	3.2	-1.5	2.4	8.43
54	4.3	330.3	-24.0	3.5	1.6	2.7	8.57
54	9.3	331.5	-19.1	3.9	-1.7	3.2	8.71
54	14.4	332.6	-14.1	4.4	-2.0	3.7	8.91

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
54	19.4	333.7	-9.2	5.6	-2.5	4.9	9.09
54	24.3	334.8	-4.5				
54	29.2	335.8	0.3				
54	34.1	336.8	5.1				
57	-70.1	31.0	-74.1				
57	-65.1	49.0	-76.0				
57	-60.1	250.0	-76.3				
57	-55.2	269.1	-75.0				
57	-50.2	284.1	-72.3				
57	-45.2	294.7	-68.7				
57	-40.3	302.2	-64.8				
57	-35.3	307.8	-60.5				
57	-30.3	312.1	-56.0				
57	-25.3	315.4	-51.4				
57	-20.3	318.2	-46.8				
57	-15.5	320.4	-42.2				
57	-10.6	322.3	-37.6				
57	-5.6	324.1	-32.8				
57	-0.7	325.6	-28.1				
57	4.3	327.1	-23.2				
57	9.3	328.4	-18.4				
57	14.4	329.7	-13.5				
57	19.4	330.9	-8.6				
57	24.3	332.1	-3.8				
57	29.2	333.3	0.9				
57	34.1	334.4	5.7				
60	-70.1	32.7	-73.2				
60	-65.1	50.0	-74.8				
60	-60.1	249.2	-74.9				
60	-55.2	266.4	-73.4				
60	-50.2	280.3	-70.8				
60	-45.2	290.5	-67.3				
60	-40.3	297.9	-63.5				
60	-35.3	303.5	-59.3				
60	-30.3	307.9	-54.9				
60	-25.3	311.5	-50.4				
60	-20.3	314.4	-45.8				
60	-15.5	316.7	-41.3	2.5	-1.2	1.4	8.27
60	-10.6	318.8	-36.7	2.7	-1.4	1.6	8.27
60	-5.6	320.7	-31.9	3.0	-1.5	2.0	8.30
60	-0.7	322.4	-27.2	3.3	-1.7	2.4	8.45
60	4.3	324.0	-22.4	3.6	-1.9	2.7	8.60
60	9.3	325.4	-17.6	4.1	-2.1	3.2	8.75
60	14.4	326.8	-12.7	4.6	-2.5	3.7	8.95
60	19.4	328.2	-7.9	6.4	-3.4	5.4	9.15
60	24.3	329.5	-3.2				
60	29.2	330.7	1.6				
60	34.1	332.0	6.3				
63	-70.1	34.1	-72.3				
63	-65.1	50.7	-73.5				
63	-60.1	248.3	-73.4				
63	-55.2	264.0	-71.9				
63	-50.2	276.8	-69.3				
63	-45.2	286.6	-65.9				
63	-40.3	293.8	-62.2				
63	-35.3	299.5	-58.0				
63	-30.3	304.0	-53.7				
63	-25.3	307.6	-49.3				
63	-20.3	310.7	-44.7				
63	-15.5	313.2	-40.3				
63	-10.6	315.4	-35.7				
63	-5.6	317.4	-31.0				
63	-0.7	319.2	-26.3				
63	4.3	320.9	-21.6				
63	9.3	322.5	-16.8				
63	14.4	324.0	-11.9				
63	19.4	325.4	-7.1				
63	24.3	326.8	-2.4				
63	29.2	328.2	2.3				
63	34.1	329.6	7.0				
66	-70.1	35.3	-71.3				
66	-65.1	231.1	-72.3				
66	-60.1	247.3	-71.9				
66	-55.2	261.7	-70.3				
66	-50.2	273.7	-67.7				
66	-45.2	283.0	-64.4				
66	-40.3	290.0	-60.8				
66	-35.3	295.7	-56.7				
66	-30.3	300.2	-52.4				
66	-25.3	304.0	-48.1				
66	-20.3	307.1	-43.6				
66	-15.5	309.7	-39.2	2.7	-1.5	1.4	8.30
66	-10.6	312.0	-34.6	2.9	-1.7	1.6	8.34
66	-5.6	314.1	-30.0	3.1	-1.9	1.9	8.39

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
66	-0.7	316.0	-25.4	3.4	-2.0	2.2	8.53
66	4.3	317.8	-20.6	3.7	-2.2	2.6	8.66
66	9.3	319.5	-15.9	4.2	-2.6	3.1	8.86
66	14.4	321.2	-11.1	4.9	-3.0	3.7	9.00
66	19.4	322.7	-6.3	9.3	-5.5	7.4	8.91
66	24.3	324.2	-1.6				
66	29.2	325.7	3.0				
66	34.1	327.2	7.7				
69	-70.1	36.2	-70.4				
69	-65.1	231.2	-71.0				
69	-60.1	246.3	-70.5				
69	-55.2	259.6	-68.8				
69	-50.2	270.7	-66.2				
69	-45.2	279.6	-62.9				
69	-40.3	286.5	-59.3				
69	-35.3	292.1	-55.3				
69	-30.3	296.6	-51.1				
69	-25.3	300.4	-46.8				
69	-20.3	303.6	-42.3				
69	-15.5	306.3	-38.0				
69	-10.6	308.7	-33.5				
69	-5.6	310.9	-28.9				
69	-0.7	312.9	-24.3				
69	4.3	314.8	-19.6				
69	9.3	316.6	-14.9				
69	14.4	318.4	-10.1				
69	19.4	320.0	-5.4				
69	24.3	321.6	-0.8				
69	29.2	323.2	3.9				
69	34.1	324.8	8.5				
72	-70.1	36.9	-69.4				
72	-65.1	231.2	-69.8				
72	-60.1	245.2	-69.0				
72	-55.2	257.5	-67.2				
72	-50.2	268.0	-64.6				
72	-45.2	276.5	-61.4				
72	-40.3	283.1	-57.8				
72	-35.3	288.6	-53.9				
72	-30.3	293.2	-49.8				
72	-25.3	297.0	-45.5				
72	-20.3	300.3	-41.1				
72	-15.5	303.0	-36.8	2.6	-1.7	1.1	8.40
72	-10.6	305.5	-32.3	2.9	-2.0	1.4	8.40
72	-5.6	307.8	-27.7	3.1	-2.1	1.7	8.48
72	-0.7	309.9	-23.2	3.5	-2.4	2.1	8.63
72	4.3	311.9	-18.6	3.8	-2.6	2.5	8.73
72	9.3	313.7	-13.9	4.5	-3.1	3.0	8.94
72	14.4	315.6	-9.1	5.3	-3.6	3.7	9.10
72	19.4	317.3	-4.5	11.9	-8.0	8.7	9.11
72	24.3	319.0	0.1				
72	29.2	320.7	4.7				
72	34.1	322.4	9.3				
75	-70.1	37.3	-68.4				
75	-65.1	231.0	-68.5				
75	-60.1	244.1	-67.6				
75	-55.2	255.6	-65.7				
75	-50.2	265.4	-63.1				
75	-45.2	273.5	-59.9				
75	-40.3	279.9	-56.3				
75	-35.3	285.3	-52.5				
75	-30.3	289.8	-48.4				
75	-25.3	293.7	-44.1				
75	-20.3	297.0	-39.8				
75	-15.5	299.8	-35.5				
75	-10.6	302.3	-31.1				
75	-5.6	304.7	-26.6				
75	-0.7	306.9	-22.1				
75	4.3	308.9	-17.5				
75	9.3	310.9	-12.8				
75	14.4	312.8	-8.1				
75	19.4	314.7	-3.4				
75	24.3	316.5	1.1				
75	29.2	318.3	5.7				
78	-70.1	37.6	-67.3				
78	-65.1	230.6	-67.2				
78	-60.1	243.0	-66.1				
78	-55.2	253.7	-64.2				
78	-50.2	263.0	-61.5				
78	-45.2	270.7	-58.3				
78	-40.3	276.9	-54.8				
78	-35.3	282.2	-51.0				
78	-30.3	286.7	-46.9				
78	-25.3	290.5	-42.7				
78	-20.3	293.8	-38.4				

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
78	-15.5	296.6	-34.2	2.7	-2.0	1.0	8.48
78	-10.6	299.3	-29.8	3.0	-2.2	1.2	8.50
78	-5.6	301.7	-25.3	3.1	-2.4	1.5	8.60
78	-0.7	303.9	-20.9	3.6	-2.7	1.9	8.74
78	4.3	306.1	-16.3	3.9	-3.0	2.2	8.84
78	9.3	308.1	-11.7	4.6	-3.5	2.9	9.03
78	14.4	310.1	-7.0	6.3	-4.7	4.0	9.25
78	19.4	312.1	-2.4				
78	24.3	313.9	2.1				
78	29.2	315.8	6.7				
81	-70.1	217.8	-66.3				
81	-65.1	230.2	-66.0				
81	-60.1	241.8	-64.7				
81	-55.2	251.9	-62.7				
81	-50.2	260.7	-60.0				
81	-45.2	268.0	-56.8				
81	-40.3	274.0	-53.3				
81	-35.3	279.2	-49.5				
81	-30.3	283.6	-45.5				
81	-25.3	287.4	-41.3				
81	-20.3	290.7	-37.0				
81	-15.5	293.6	-32.8				
81	-10.6	296.2	-28.5				
81	-5.6	298.7	-24.0				
81	-0.7	301.0	-19.6				
81	4.3	303.2	-15.1				
81	9.3	305.3	-10.5				
81	14.4	307.4	-5.8				
81	19.4	309.5	-1.3				
81	24.3	311.4	3.2				
81	29.2	313.4	7.7				
84	-70.1	217.8	-65.3				
84	-65.1	229.6	-64.8				
84	-60.1	240.6	-63.3				
84	-55.2	250.1	-61.2				
84	-50.2	258.4	-58.5				
84	-45.2	265.4	-55.2				
84	-40.3	271.2	-51.8				
84	-35.3	276.3	-48.0				
84	-30.3	280.6	-44.0				
84	-25.3	284.4	-39.8				
84	-20.3	287.7	-35.6				
84	-15.5	290.6	-31.4	2.8	-2.2	0.9	8.58
84	-10.6	293.3	-27.1	3.0	-2.4	1.1	8.63
84	-5.6	295.8	-22.7	3.3	-2.7	1.4	8.75
84	-0.7	298.2	-18.3	3.6	-3.0	1.6	8.85
84	4.3	300.4	-13.8	4.1	-3.4	2.0	8.91
84	9.3	302.6	-9.3	5.1	-4.2	2.7	9.17
84	14.4	304.8	-4.7	10.6	-8.7	6.0	9.24
84	19.4	306.9	-0.1				
84	24.3	308.9	4.3				
84	29.2	311.0	8.8				
87	-70.1	217.7	-64.3				
87	-65.1	229.0	-63.5				
87	-60.1	239.4	-61.9				
87	-55.2	248.3	-59.7				
87	-50.2	256.2	-56.9				
87	-45.2	262.9	-53.7				
87	-40.3	268.5	-50.2				
87	-35.3	273.5	-46.4				
87	-30.3	277.7	-42.4				
87	-25.3	281.4	-38.3				
87	-20.3	284.8	-34.1				
87	-15.5	287.7	-30.0				
87	-10.6	290.4	-25.7				
87	-5.6	293.0	-21.3				
87	-0.7	295.4	-17.0				
87	4.3	297.7	-12.5				
87	9.3	299.9	-8.0				
87	14.4	302.1	-3.4				
87	19.4	304.3	1.1				
87	24.3	306.4	5.5				
87	29.2	308.6	9.9				
90	-70.1	217.5	-63.3				
90	-65.1	228.3	-62.3				
90	-60.1	238.1	-60.6				
90	-55.2	246.6	-58.3				
90	-50.2	254.1	-55.4				
90	-45.2	260.5	-52.1				
90	-40.3	266.0	-48.7				
90	-35.3	270.7	-44.9				
90	-30.3	274.9	-40.9				
90	-25.3	278.6	-36.8				
90	-20.3	281.9	-32.6				

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
90	-15.5	284.8	-28.5	2.8	-2.4	0.6	8.70
90	-10.6	287.6	-24.3	3.0	-2.6	0.9	8.76
90	-5.6	290.2	-19.9	3.4	-3.0	1.1	8.86
90	-0.7	292.6	-15.6	3.8	-3.4	1.4	8.97
90	4.3	294.9	-11.1	4.3	-3.9	1.7	9.13
90	9.3	297.2	-6.7	6.2	-5.5	2.9	9.32
90	14.4	299.5	-2.1				
90	19.4	301.8	2.3				
90	24.3	304.0	6.7				
93	-70.1	217.2	-62.2				
93	-65.1	227.5	-61.1				
93	-60.1	236.8	-59.2				
93	-55.2	244.9	-56.8				
93	-50.2	252.1	-53.9				
93	-45.2	258.2	-50.6				
93	-40.3	263.4	-47.1				
93	-35.3	268.1	-43.3				
93	-30.3	272.2	-39.4				
93	-25.3	275.8	-35.3				
93	-20.3	279.1	-31.1				
93	-15.5	282.0	-27.1				
93	-10.6	284.8	-22.8				
93	-5.6	287.4	-18.5				
93	-0.7	289.8	-14.2				
93	4.3	292.2	-9.8				
93	9.3	294.6	-5.3				
93	14.4	296.9	-0.8				
93	19.4	299.2	3.6				
93	24.3	301.5	8.0				
96	-70.1	216.9	-61.2				
96	-65.1	226.7	-59.9				
96	-60.1	235.6	-57.9				
96	-55.2	243.2	-55.4				
96	-50.2	250.0	-52.4				
96	-45.2	256.0	-49.1				
96	-40.3	261.0	-45.6				
96	-35.3	265.5	-41.8				
96	-30.3	269.5	-37.8				
96	-25.3	273.1	-33.8				
96	-20.3	276.4	-29.6				
96	-15.5	279.3	-25.5				
96	-10.6	282.0	-21.3	3.2	-2.9	0.7	8.85
96	-5.6	284.7	-17.0	3.4	-3.1	0.9	8.94
96	-0.7	287.1	-12.7	3.9	-3.6	1.1	9.06
96	4.3	289.6	-8.4	4.9	-4.5	1.7	9.27
96	9.3	292.0	-4.0	9.9	-9.1	3.7	9.36
96	14.4	294.4	0.5				
96	19.4	296.7	4.9				
96	24.3	299.1	9.3				
99	-70.1	216.4	-60.2				
99	-65.1	225.8	-58.7				
99	-60.1	234.3	-56.6				
99	-55.2	241.6	-54.0				
99	-50.2	248.1	-50.9				
99	-45.2	253.7	-47.6				
99	-40.3	258.6	-44.0				
99	-35.3	263.0	-40.2				
99	-30.3	266.9	-36.3				
99	-25.3	270.5	-32.2				
99	-20.3	273.7	-28.1				
99	-15.5	276.5	-24.0				
99	-10.6	279.3	-19.8				
99	-5.6	282.0	-15.5				
99	-0.7	284.5	-11.3				
99	4.3	286.9	-6.9				
99	9.3	289.4	-2.5				
99	14.4	291.8	1.9				
99	19.4	294.2	6.3				
102	-70.1	215.9	-59.3				
102	-65.1	224.9	-57.6				
102	-60.1	232.9	-55.3				
102	-55.2	239.9	-52.6				
102	-50.2	246.1	-49.5				
102	-45.2	251.6	-46.1				
102	-40.3	256.3	-42.5				
102	-35.3	260.5	-38.7				
102	-30.3	264.4	-34.7				
102	-25.3	267.8	-30.7				
102	-20.3	271.0	-26.5				
102	-15.5	273.9	-22.5				
102	-10.6	276.6	-18.3	3.2	-3.0	0.4	8.95
102	-5.6	279.3	-14.0	3.6	-3.4	0.6	9.06
102	-0.7	281.8	-9.8	4.3	-4.1	0.9	9.25
102	4.3	284.3	-5.4	6.5	-6.2	1.6	9.38

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
102	9.3	286.8	-1.1				
102	14.4	289.3	3.3				
102	19.4	291.8	7.7				
105	-70.1	215.3	-58.3				
105	-65.1	223.9	-56.4				
105	-60.1	231.6	-54.0				
105	-55.2	238.2	-51.2				
105	-50.2	244.2	-48.0				
105	-45.2	249.4	-44.6				
105	-40.3	254.0	-41.0				
105	-35.3	258.1	-37.2				
105	-30.3	261.9	-33.2				
105	-25.3	265.3	-29.1				
105	-20.3	268.4	-25.0				
105	-15.5	271.2	-21.0				
105	-10.6	274.0	-16.8				
105	-5.6	276.6	-12.5				
105	-0.7	279.2	-8.3				
105	4.3	281.7	-4.0				
105	9.3	284.2	0.4				
105	14.4	286.7	4.8				
105	19.4	289.3	9.1				
108	-70.1	214.7	-57.3				
108	-65.1	222.9	-55.3				
108	-60.1	230.2	-52.7				
108	-55.2	236.6	-49.9				
108	-50.2	242.3	-46.6				
108	-45.2	247.3	-43.1				
108	-40.3	251.7	-39.5				
108	-35.3	255.7	-35.6				
108	-30.3	259.4	-31.7				
108	-25.3	262.7	-27.6				
108	-20.3	265.8	-23.4				
108	-15.5	268.6	-19.4				
108	-10.6	271.4	-15.3	3.3	-3.1	0.1	9.11
108	-5.6	274.0	-11.0	3.8	-3.7	0.2	9.22
108	-0.7	276.6	-6.8	5.1	-5.0	0.6	9.43
108	4.3	279.1	-2.5				
108	9.3	281.6	1.9				
108	14.4	284.2	6.3				
111	-70.1	214.0	-56.4				
111	-65.1	221.9	-54.2				
111	-60.1	228.9	-51.5				
111	-55.2	234.9	-48.5				
111	-50.2	240.4	-45.2				
111	-45.2	245.3	-41.6				
111	-40.3	249.5	-38.0				
111	-35.3	253.4	-34.1				
111	-30.3	257.0	-30.1				
111	-25.3	260.2	-26.0				
111	-20.3	263.3	-21.9				
111	-15.5	266.1	-17.9				
111	-10.6	268.8	-13.7				
111	-5.6	271.4	-9.4				
111	-0.7	274.0	-5.2				
111	4.3	276.5	-0.9				
111	9.3	279.1	3.4				
111	14.4	281.7	7.7				
114	-70.1	213.2	-55.4				
114	-65.1	220.8	-53.1				
114	-60.1	227.5	-50.3				
114	-55.2	233.3	-47.2				
114	-50.2	238.5	-43.8				
114	-45.2	243.2	-40.2				
114	-40.3	247.3	-36.5				
114	-35.3	251.1	-32.6				
114	-30.3	254.6	-28.6				
114	-25.3	257.8	-24.5				
114	-20.3	260.8	-20.3				
114	-15.5	263.5	-16.3				
114	-10.6	266.2	-12.2	3.5	-3.4	-0.2	9.22
114	-5.6	268.8	-7.9	4.3	-4.2	-0.1	9.35
114	-0.7	271.4	-3.7	8.5	-8.5	0.2	9.50
114	4.3	274.0	0.6				
114	9.3	276.5	4.9				
114	14.4	279.2	9.2				
117	-70.1	212.5	-54.5				
117	-65.1	219.7	-52.0				
117	-60.1	226.1	-49.1				
117	-55.2	231.6	-45.9				
117	-50.2	236.7	-42.5				
117	-45.2	241.2	-38.8				
117	-40.3	245.1	-35.1				

ATLAS OF SURVEYOR 5 TELEVISION DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONT.

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
117	-35.3	248.8	-31.1				
117	-30.3	252.2	-27.1				
117	-25.3	255.3	-23.0				
117	-20.3	258.3	-18.8				
117	-15.5	261.0	-14.8				
117	-10.6	263.6	-10.6				
117	-5.6	266.3	-6.3				
117	-0.7	268.8	-2.1				
117	4.3	271.4	2.1				
117	9.3	274.0	6.4				
120	-70.1	211.6	-53.6				
120	-65.1	218.6	-51.0				
120	-60.1	224.7	-47.9				
120	-55.2	230.0	-44.7				
120	-50.2	234.8	-41.1				
120	-45.2	239.1	-37.4				
120	-40.3	243.0	-33.6				
120	-35.3	246.5	-29.7				
120	-30.3	249.8	-25.6				
120	-25.3	252.9	-21.5				
120	-20.3	255.8	-17.3				
120	-15.5	258.5	-13.2				
120	-10.6	261.1	-9.1	3.7	-3.6	-0.5	9.31
120	-5.6	263.7	-4.8	5.3	-5.2	-0.5	9.53
120	-0.7	266.2	-0.6				
120	4.3	268.8	3.7				
120	9.3	271.4	8.0				
123	-70.1	210.8	-52.7				
123	-65.1	217.4	-49.9				
123	-60.1	223.2	-46.8				
123	-55.2	228.3	-43.4				
123	-50.2	233.0	-39.8				
123	-45.2	237.1	-36.1				
123	-40.3	240.8	-32.2				
123	-35.3	244.3	-28.2				
123	-30.3	247.5	-24.1				
123	-25.3	250.5	-20.0				
123	-20.3	253.3	-15.8				
123	-15.5	255.9	-11.7				
123	-10.6	258.5	-7.5				
123	-5.6	261.1	-3.2				
123	-0.7	263.7	0.9				
123	4.3	266.3	5.2				
123	9.3	268.9	9.5				
126	-70.1	209.9	-51.9				
126	-65.1	216.2	-48.9				
126	-60.1	221.8	-45.7				
126	-55.2	226.7	-42.2				
126	-50.2	231.1	-38.6				
126	-45.2	235.1	-34.7				
126	-40.3	238.7	-30.8				
126	-35.3	242.0	-26.8				
126	-30.3	245.1	-22.7				
126	-25.3	248.1	-18.5				
126	-20.3	250.9	-14.3				
126	-15.5	253.4	-10.2				
126	-10.6	256.0	-6.0				
126	-5.6	258.6	-1.7				
126	-0.7	261.1	2.5				
126	4.3	263.7	6.8				
129	-70.1	208.9	-51.0				
129	-65.1	215.0	-48.0				
129	-60.1	220.3	-44.6				
129	-55.2	225.0	-41.1				
129	-50.2	229.3	-37.3				
129	-45.2	233.1	-33.4				
129	-40.3	236.5	-29.5				
129	-35.3	239.8	-25.4				
129	-30.3	242.8	-21.2				
129	-25.3	245.7	-17.0				
129	-20.3	248.4	-12.8				
129	-15.5	250.9	-8.7				
129	-10.6	253.5	-4.5				
129	-5.6	256.0	-0.2				
129	-0.7	258.5	4.0				
129	4.3	261.1	8.3				
132	-70.1	208.0	-50.2				
132	-65.1	213.8	-47.0				
132	-60.1	218.9	-43.5				
132	-55.2	223.3	-39.9				
132	-50.2	227.4	-36.1				
132	-45.2	231.1	-32.1				
132	-40.3	234.4	-28.2				

SURVEYOR 5 TELEVISION PICTURE DATA

TABLE VII -- CONVERSION OF CAMERA COORDINATES TO A LUNAR DATUM -- CONCLUDED

CAM AZ (DEG)	CAM EL (DEG)	TRUE AZ (DEG)	V ANGLE (DEG)	D (M)	X (M)	Y (M)	Z (M)
132	-35.3	237.5	-24.0				
132	-30.3	240.5	-19.8				
132	-25.3	243.3	-15.6				
132	-20.3	245.9	-11.3				
132	-15.5	248.4	-7.2				
132	-10.6	250.9	-3.0				
132	-5.6	253.5	1.3				
132	-0.7	255.9	5.6				
132	4.3	258.5	9.9				

Special Mosaics

Figures 186 to 222 are mosaics compiled by personnel at the Jet Propulsion Laboratory. Copies of these mosaics may be ordered from NSSDC as outlined on page vii.

The JPL panoramic mosaic was assembled on the inside of segments of a sphere with a 6-ft radius. The segments were then photographed from a point of perspective so chosen that the meridians of the sphere are parallel. This kind of perspective differs from that used by the U.S. Geological Survey in that near field and far field appear in the panorama, and the segments can be joined as a complete panorama. The pictures used in the JPL mosaics were selected from various television surveys for maximum detail. The pictures in each U.S. Geological Survey mosaic were taken during a single television survey and have similar illumination throughout.

Some special mosaics were made with pictures taken during special-purpose surveys. Because these surveys are not illustrated elsewhere, the survey designations and picture numbers are included in the captions, along with a JPL identification number. (The JPL identification number is used to order copies of the mosaics from NSSDC.)

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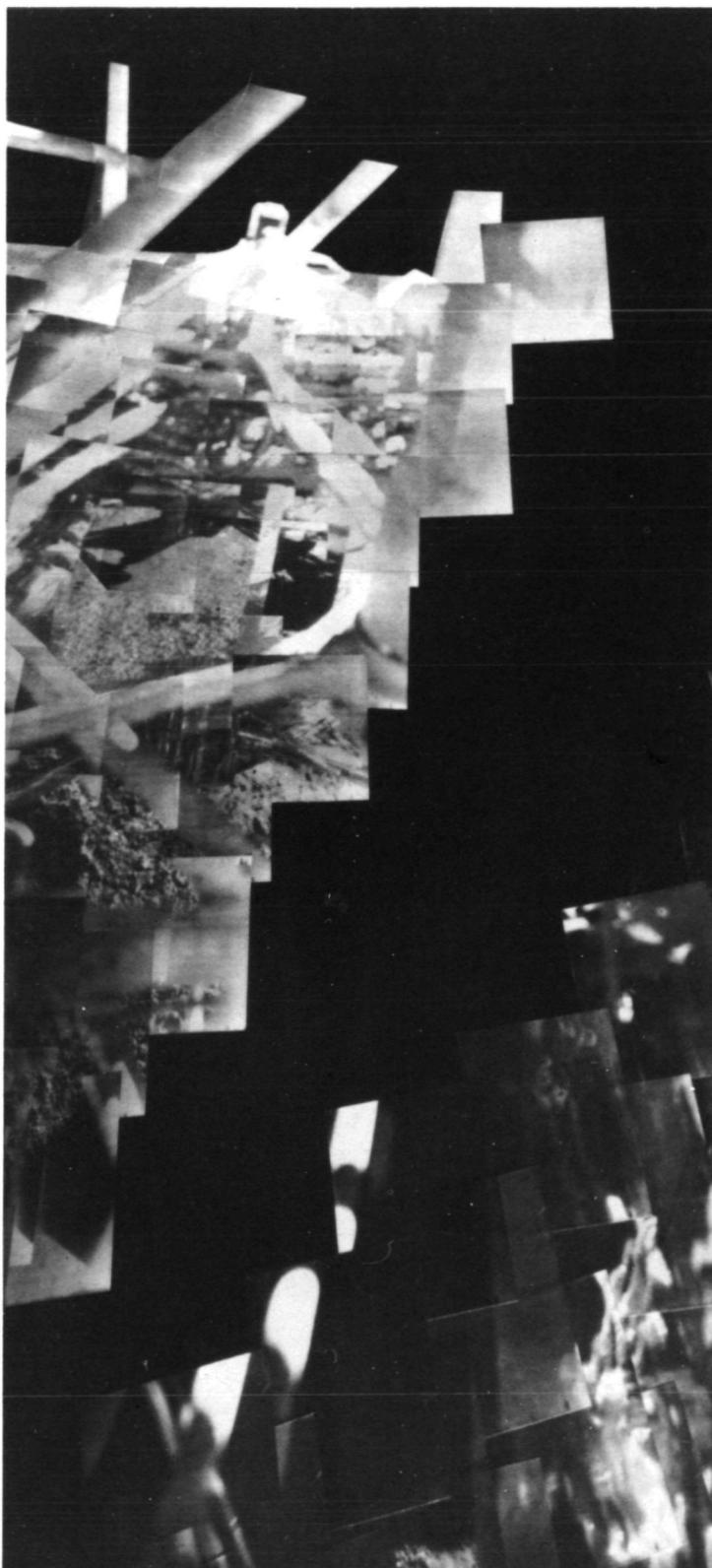


Figure 186.—Panorama segment, looking southwest (camera azimuth -180° to -216°). The pictures in the mosaic are part of survey F. (JPL 211-3451B)

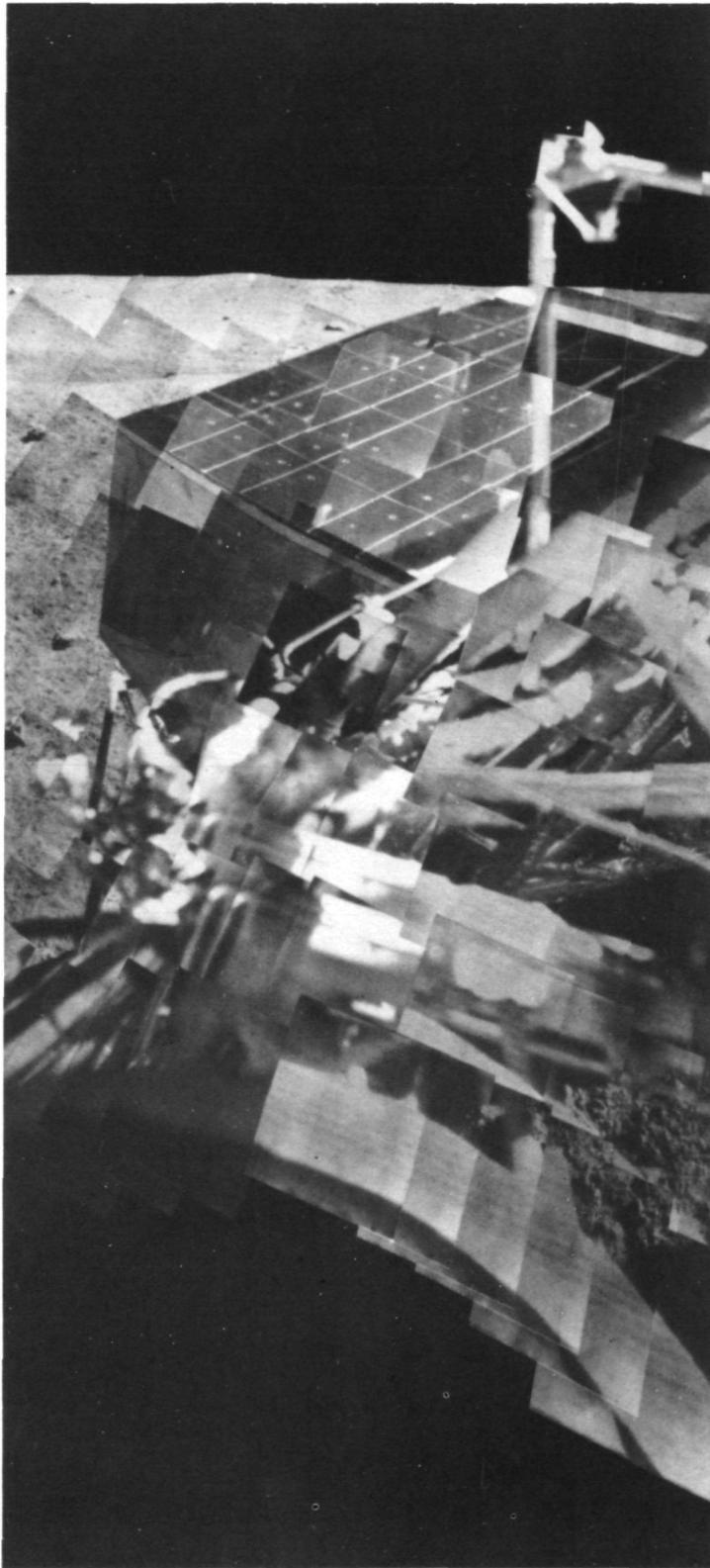


Figure 187.—Panorama segment, looking south (camera azimuth -144° to -180°). The pictures in the mosaic are part of survey F. Most of the surface area is occulted by spacecraft parts. The rectangular object in the center of the mosaic is electronics compartment A. (JPL 211-3451A)

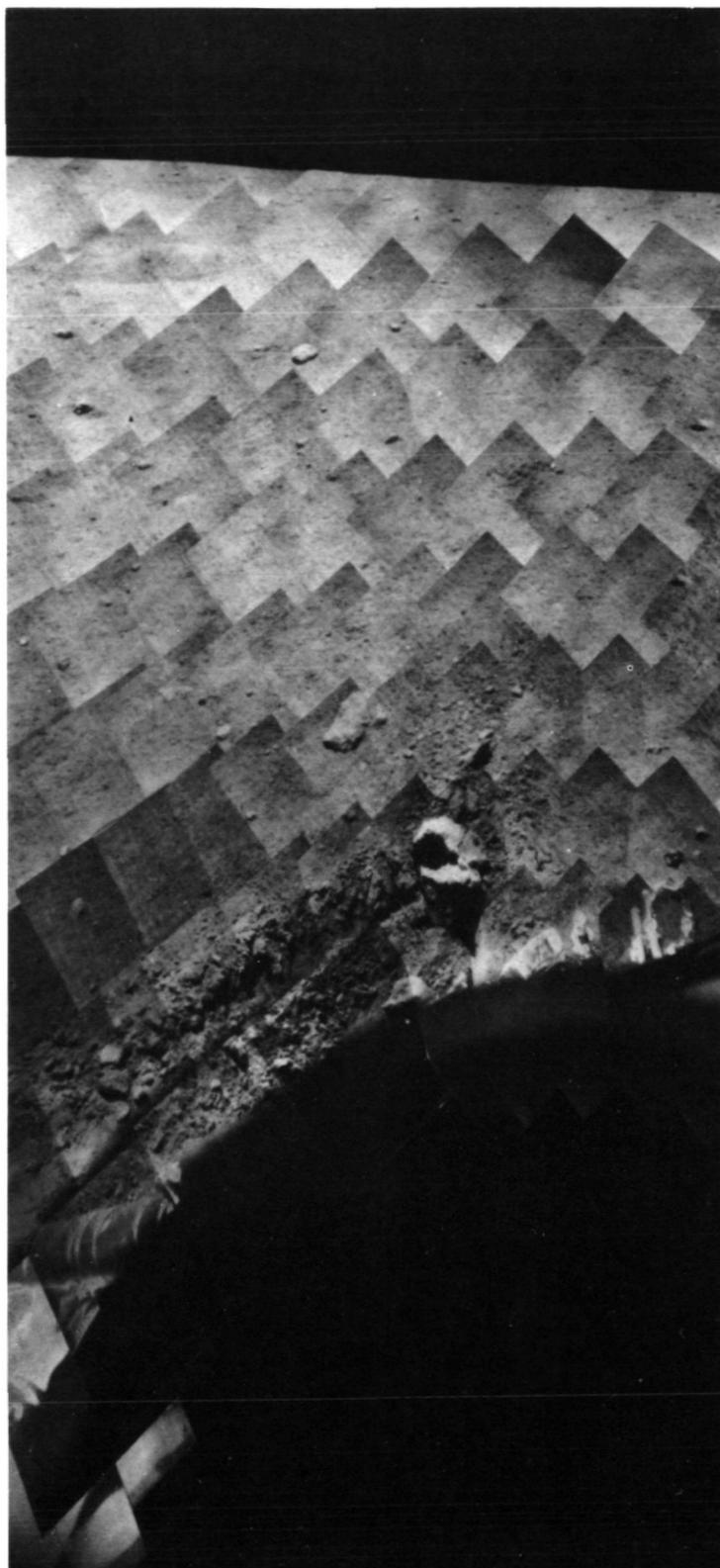


Figure 188.—Panorama segment, looking south-southeast (camera azimuth -108° to -144°). The pictures in the mosaic are part of survey D. The area in the lower right is occulted by the camera. The disturbed area is a skid mark made by footpad two during landing. (JPL 211-3450B)

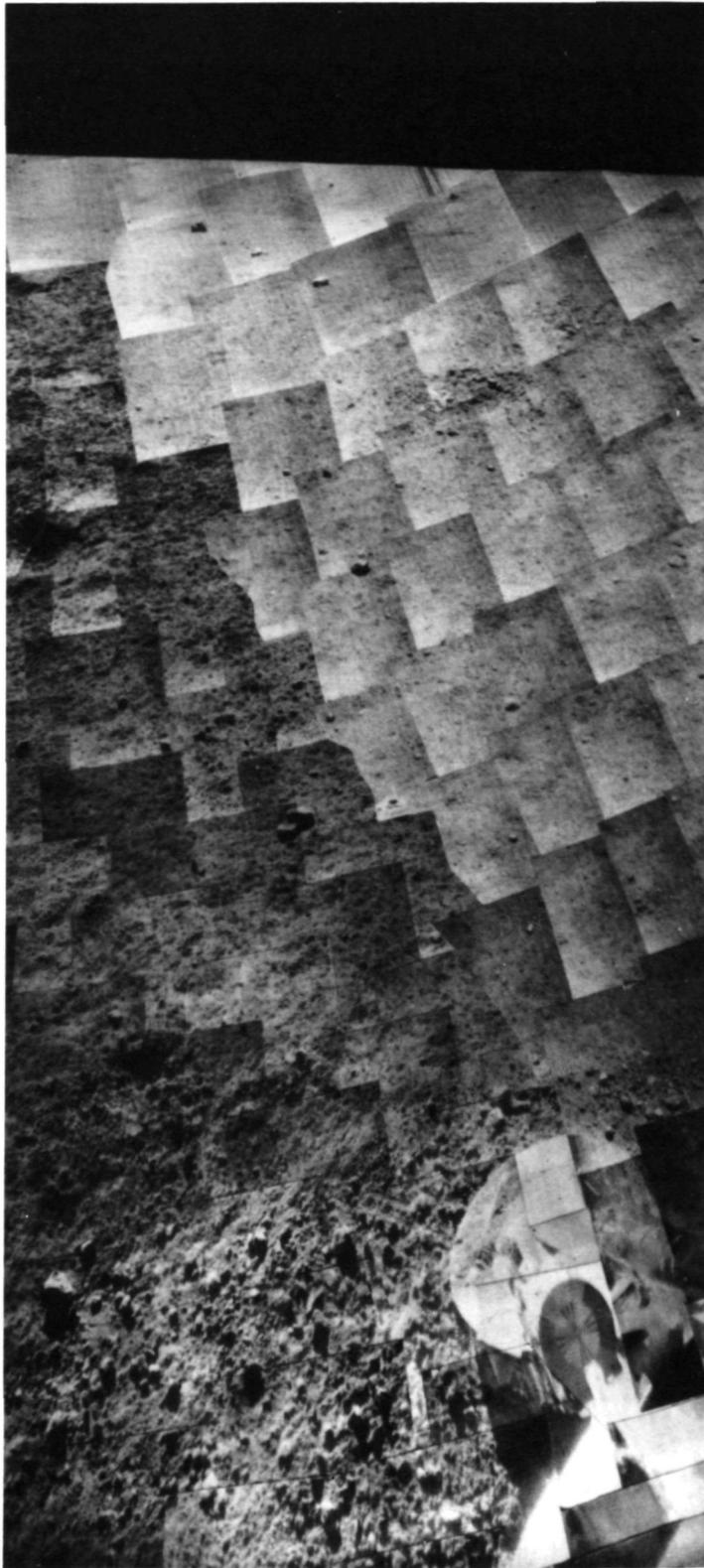


Figure 189.—Panorama segment, looking southeast (camera azimuth -72° to -108°). The pictures in the lower left portion of the mosaic are part of survey A. The pictures in the upper right portion are part of survey D. The footpad and calibration chart on leg two of the spacecraft are visible in the lower right part of the mosaic. (JPL 211-3450A)

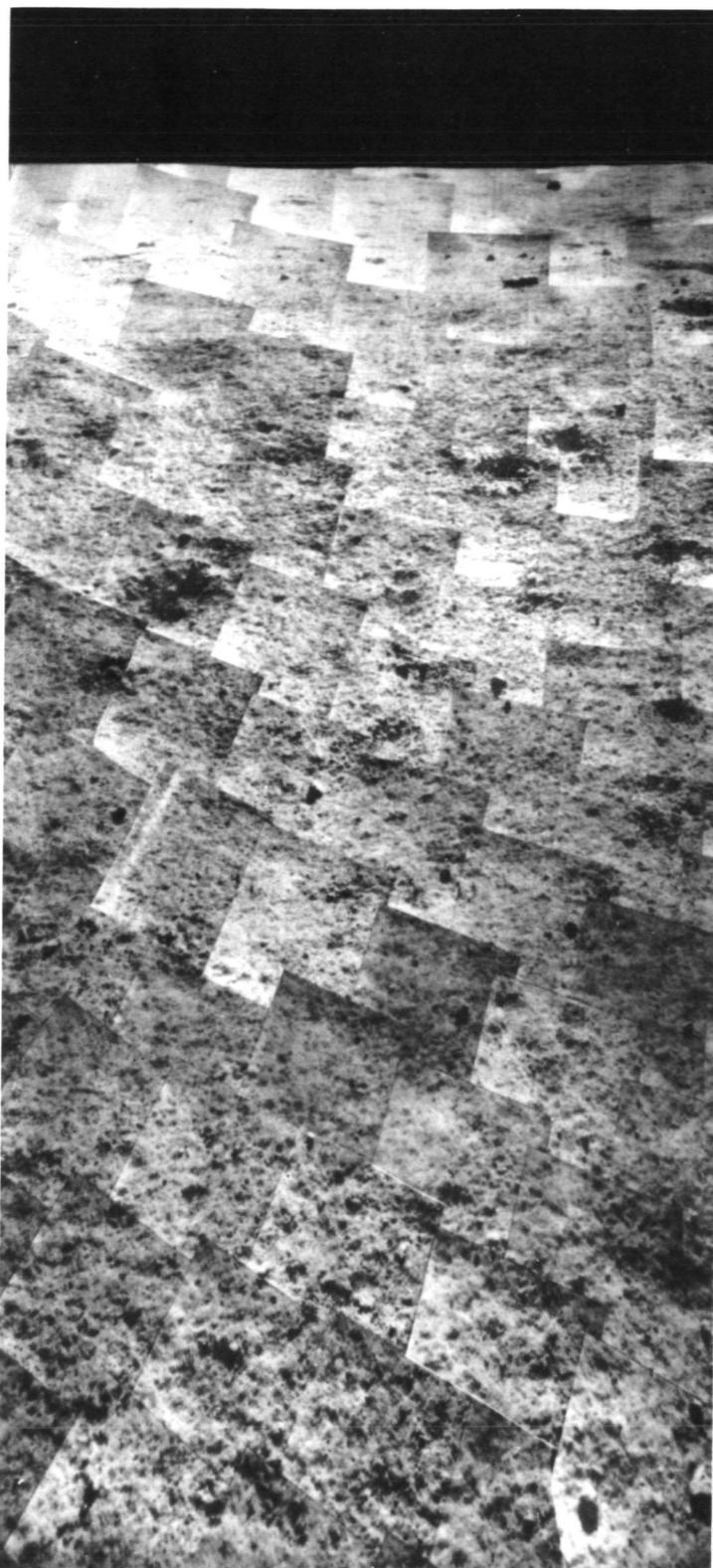


Figure 190.—Panorama segment, looking east (camera azimuth -36° to -72°). The pictures in the mosaic are part of survey A. (JPL 211-3449B)



Figure 191.—Panorama segment, looking northeast (camera azimuth 0° to -36°). The pictures in the mosaic are part of survey A. (JPL 211-3449A)

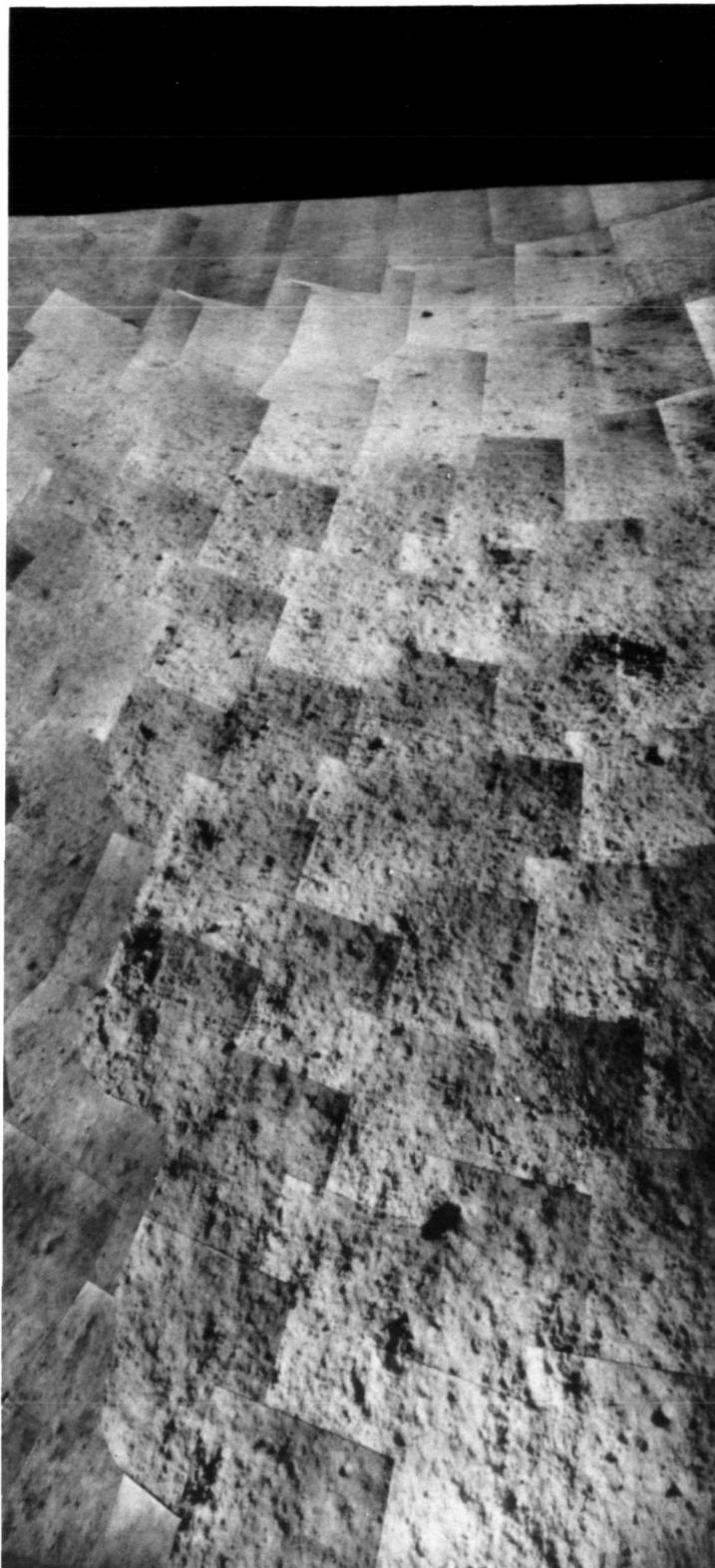


Figure 192.—Panorama segment, looking north (camera azimuth 0° to 36°). The pictures in the lower left half of the mosaic are part of survey F. Those in the upper right half are part of survey A. (JPL 211-3448B)



Figure 193.—Panorama segment, looking north-northwest (camera azimuth 36° to 72°). The pictures in this mosaic are part of survey F. Omnidirectional antenna B, upon which a calibration chart was mounted, is visible in the center of the mosaic. (JPL 211-3448A)

0.1



Figure 194.—Panorama segment, looking northwest (camera azimuth 72° to 108°). The pictures in this mosaic are part of survey F. Spacecraft leg three, footpad three, and the boom of omnidirectional antenna B are visible in the foreground. (JPL 211-3447B)

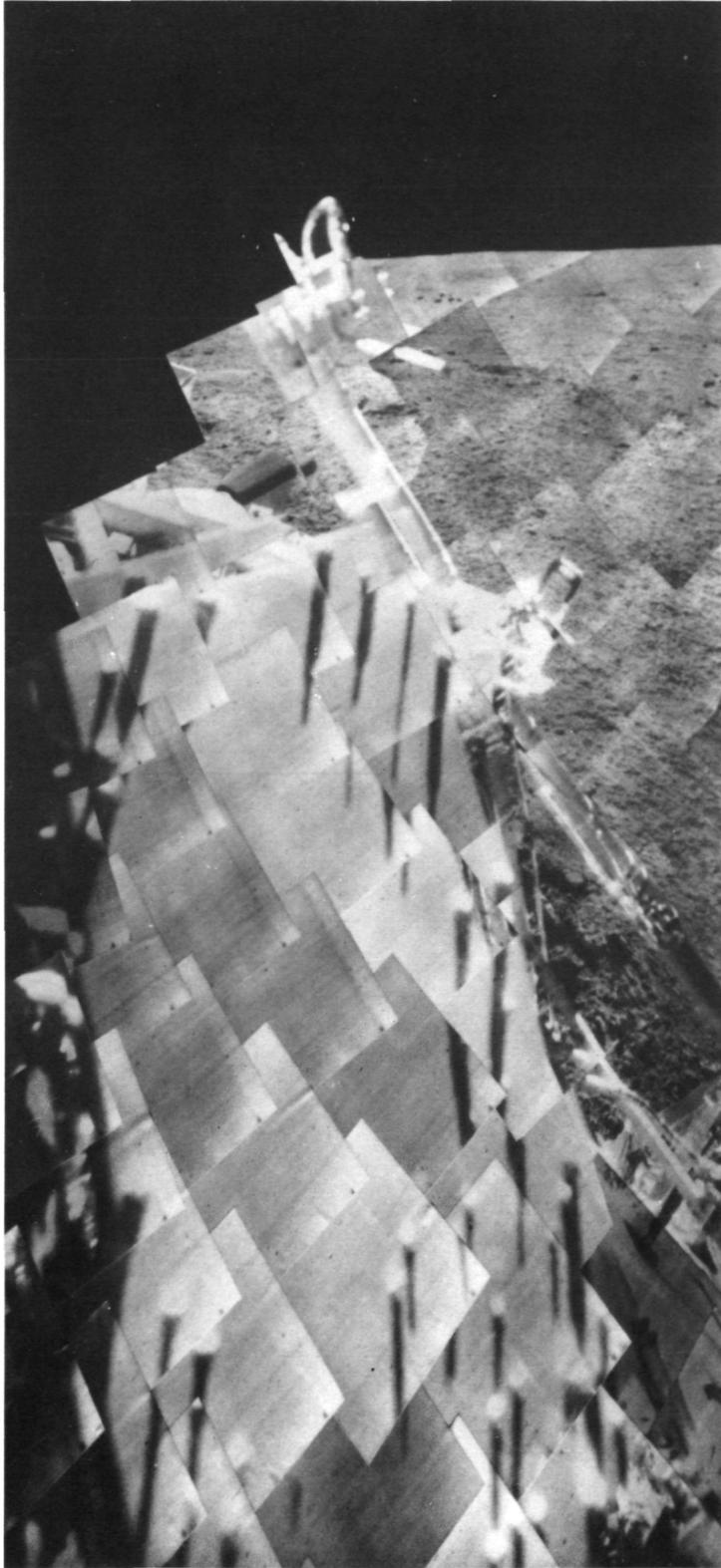


Figure 195.—Panorama segment, looking west (camera azimuth 108° to 126°). The pictures in this mosaic are part of survey F. Electronics compartment C is very near the camera and covers most of the mosaic segment. The dark sunshade of the Canopus sensor is visible above compartment C. (JPL 211-3447)

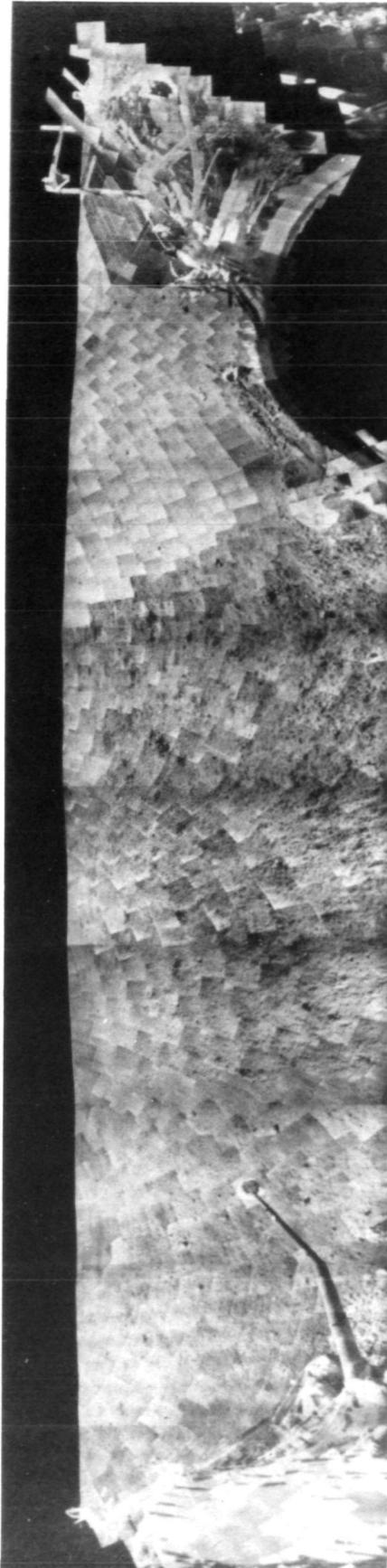


Figure 196.—Panoramic mosaic of figures 186 through 195. (JPL 211-3461)



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Figure 197.—Lunar surface between footpads two and three. The mosaic consists of wide-angle pictures from survey W-B. (JPL 211-1995)

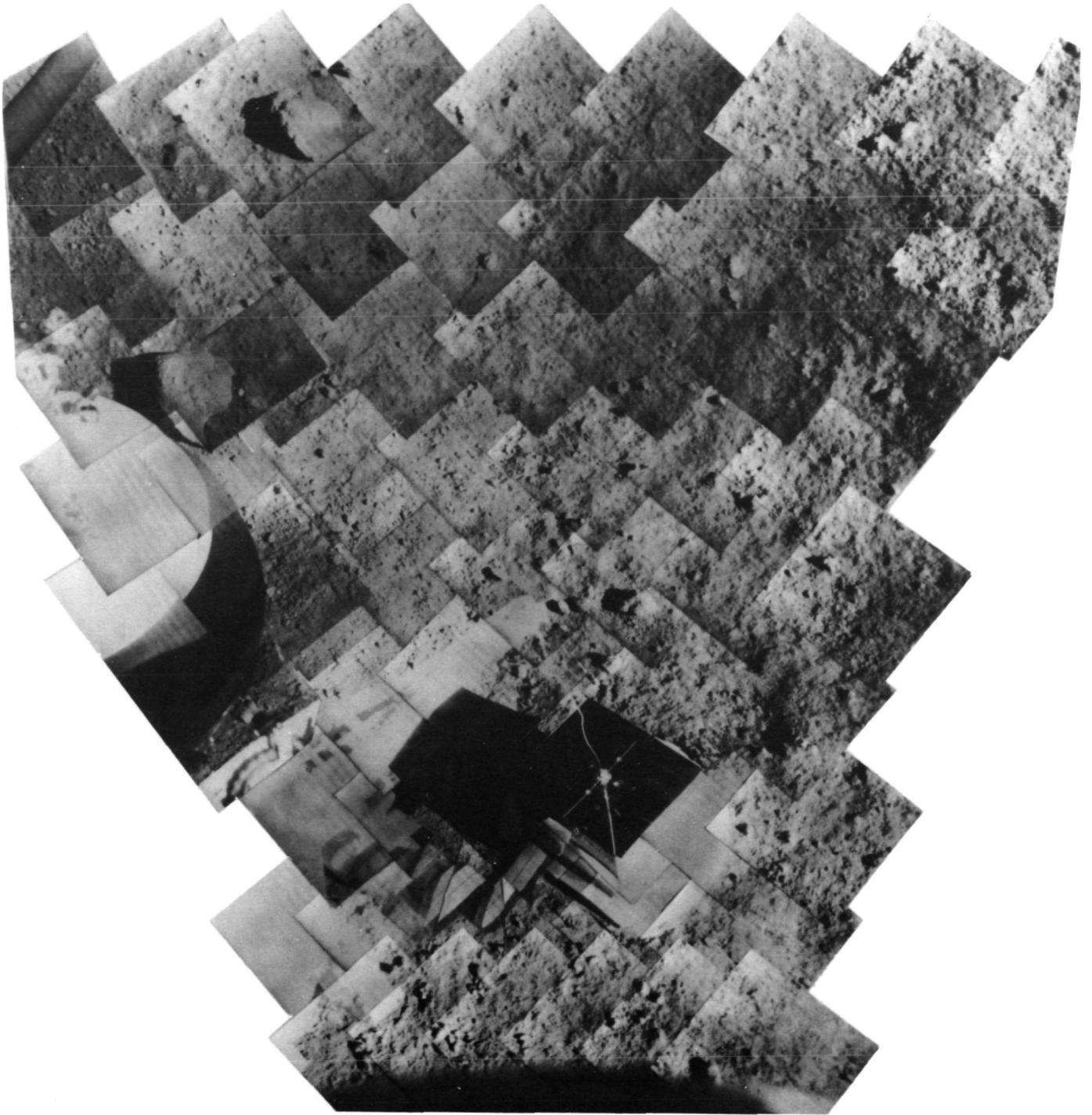


Figure 198.—Vicinity of the alpha scattering instrument just before the vernier erosion experiment. The mosaic consists of narrow-angle pictures from survey A. (JPL 211-1998)

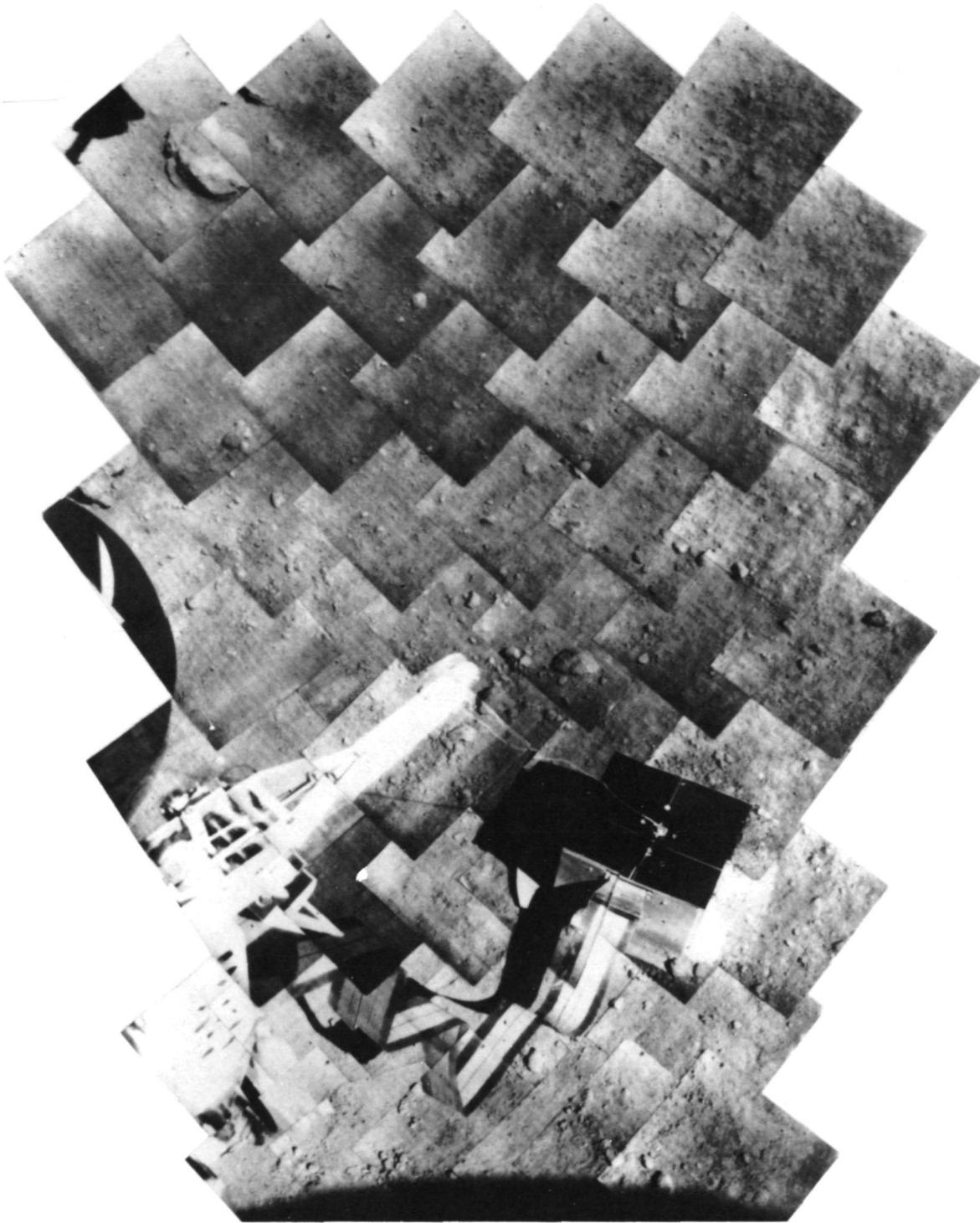


Figure 199.—Vicinity of the alpha scattering instrument after the vernier erosion experiment. The mosaic consists of narrow-angle pictures from survey C. (JPL 211-1999)

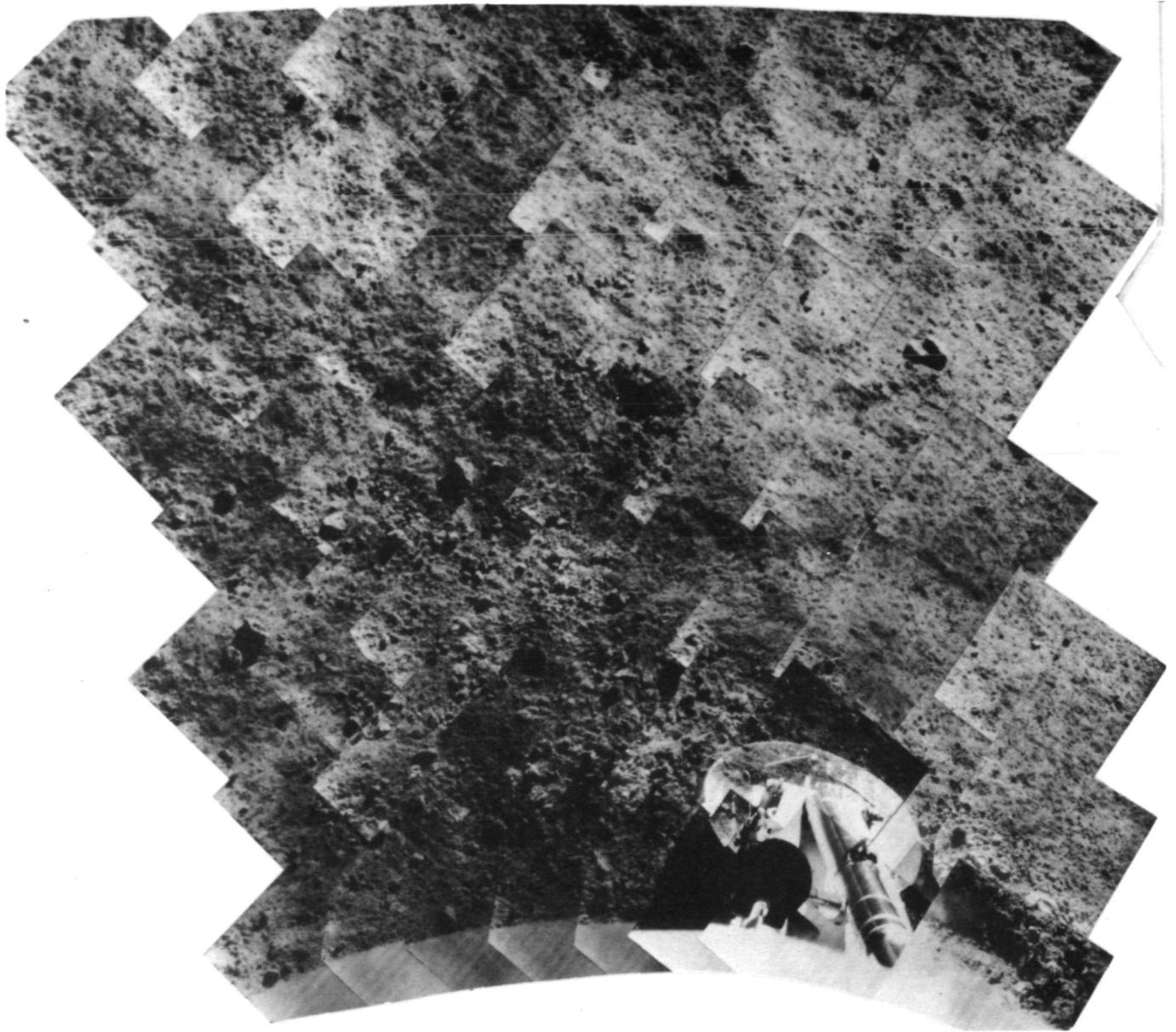


Figure 200.—Vicinity of footpad two. The mosaic consists of narrow-angle pictures from survey A. (JPL 211-2000)

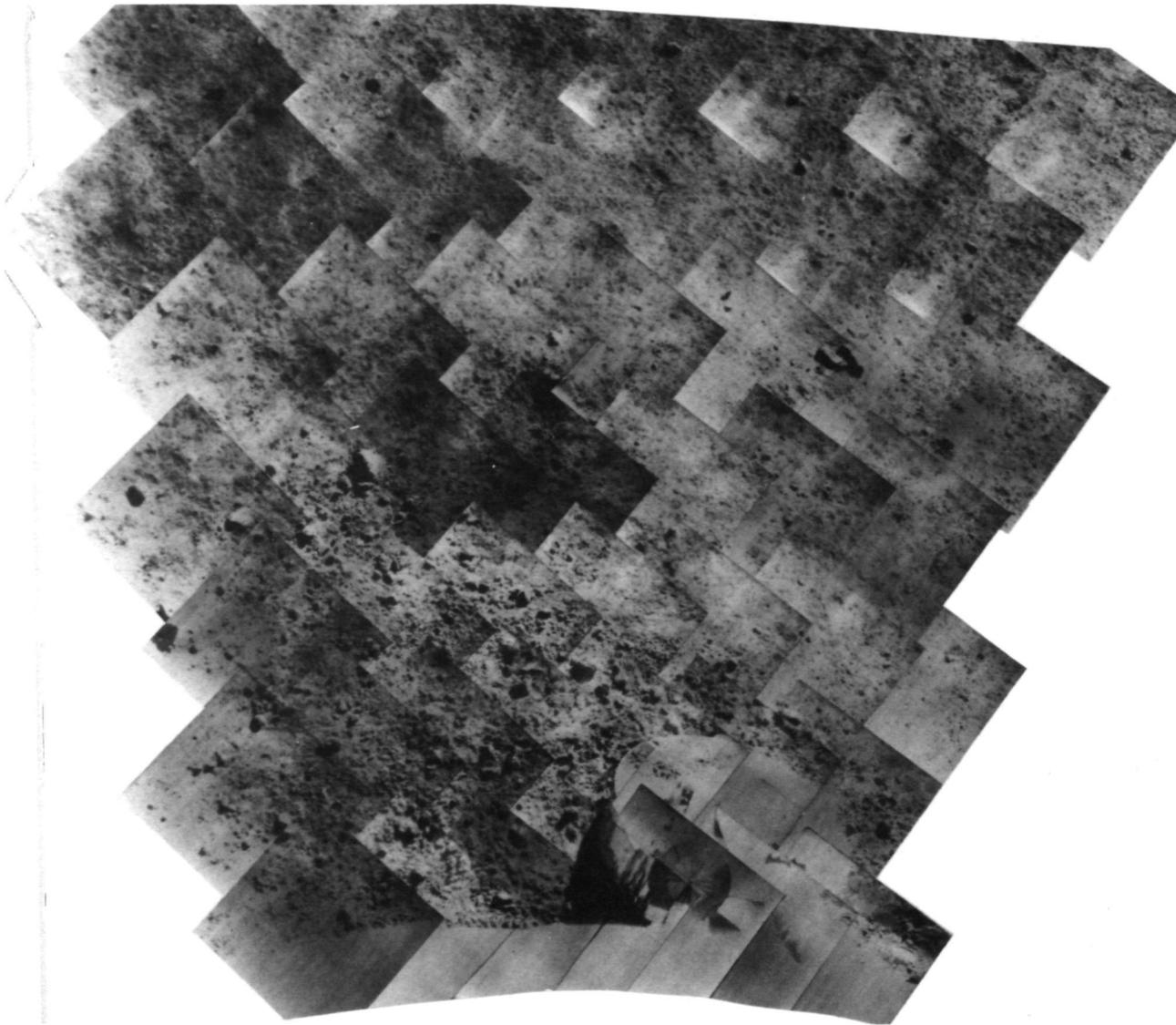


Figure 201.—Vicinity of footpad two. The mosaic consists of narrow-angle pictures from survey B. (JPL 211-2001)

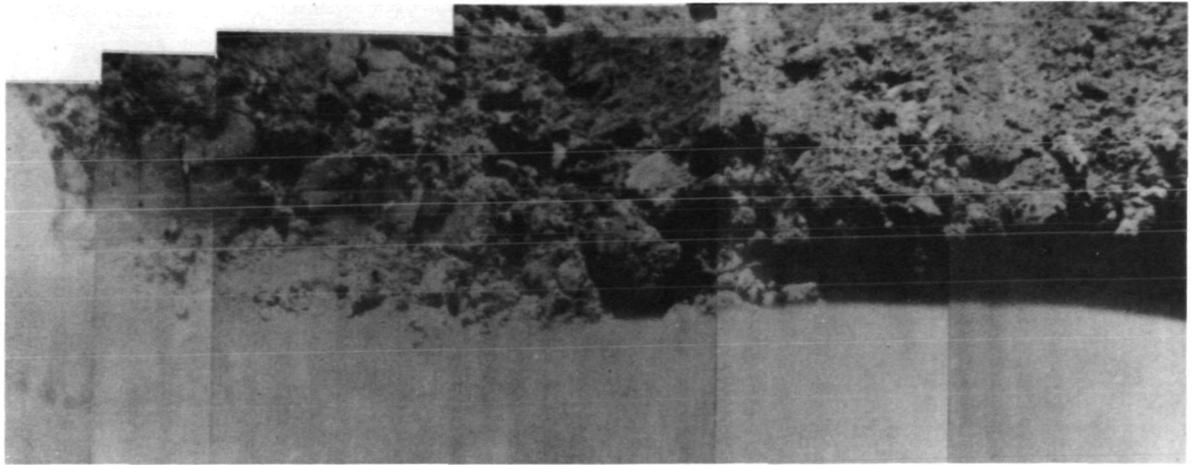


Figure 202.—Skid mark made by footpad two. The mosaic is part of special survey B and consists of narrow-angle frames 256 003227 through 256 003447. (JPL 211-2025B)

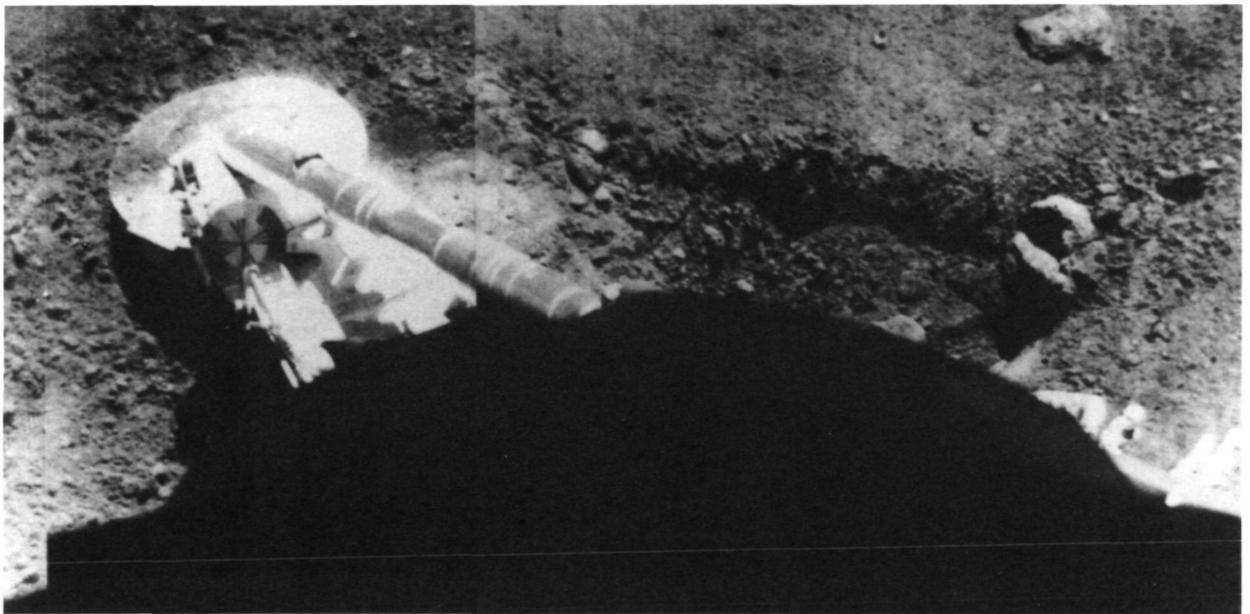


Figure 203.—Skid mark made by footpad two. The mosaic consists of wide-angle pictures 257 043822 and 257 561131. (JPL 211-2023A)

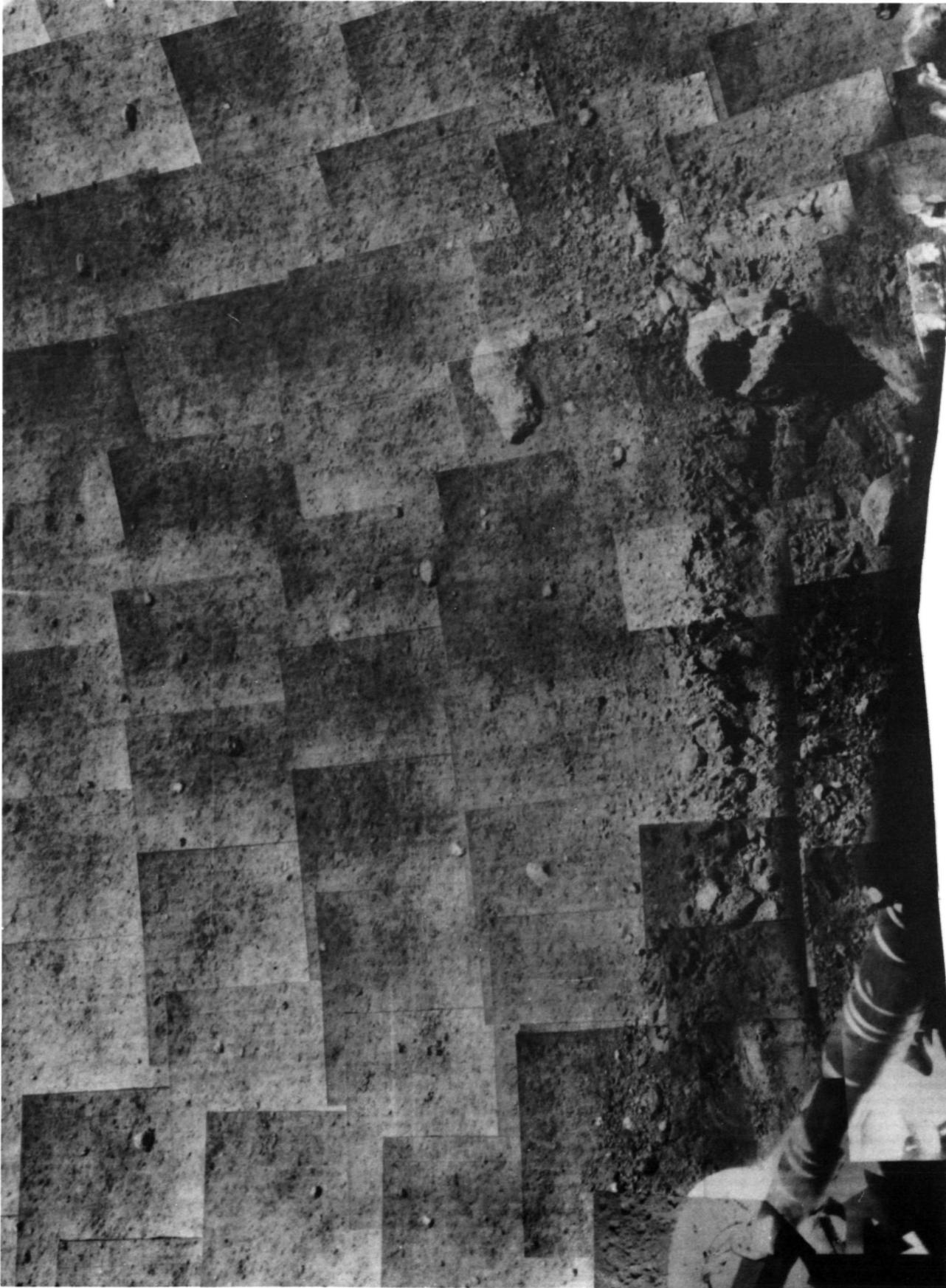


Figure 204.—Skid mark made by footpad two. The mosaic consists of narrow-angle pictures from survey D. (JPL 211-2040B)

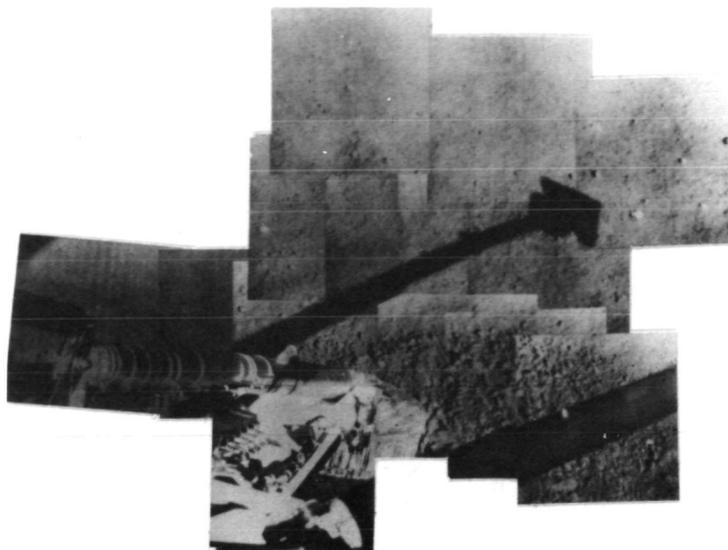


Figure 205.—Vicinity of footpad three. The mosaic consists of narrow-angle pictures from special survey B. (JPL 211-2024B)

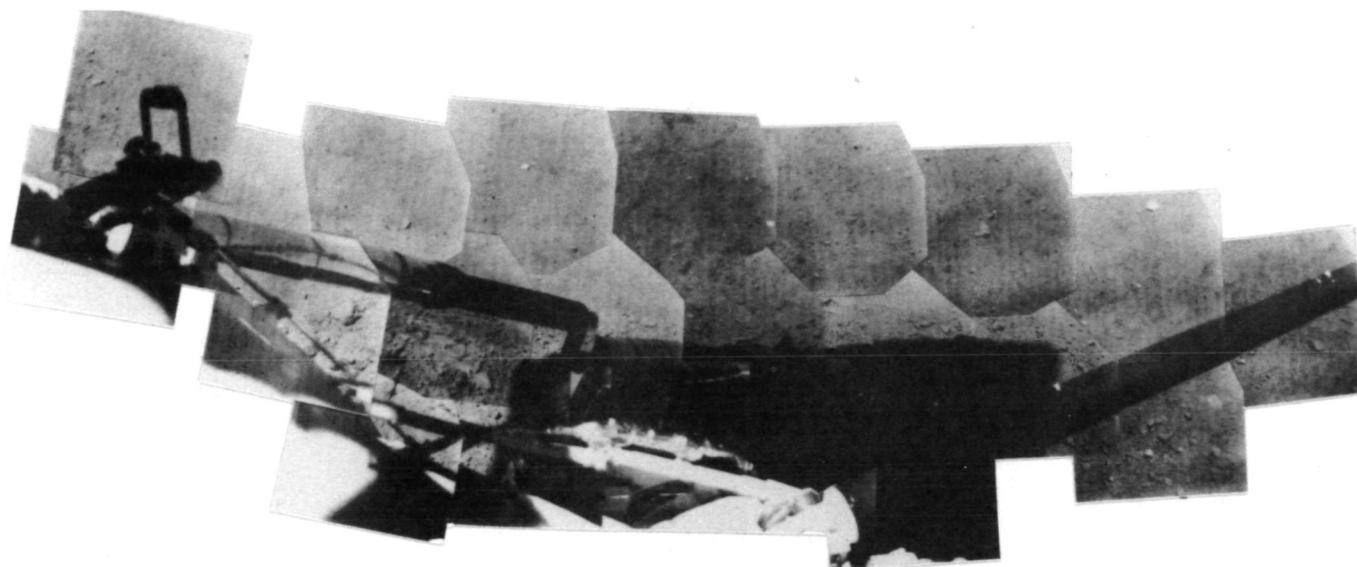


Figure 206.—Vicinity of footpad three. The mosaic consists of narrow-angle pictures from survey D. (JPL 211-2003)

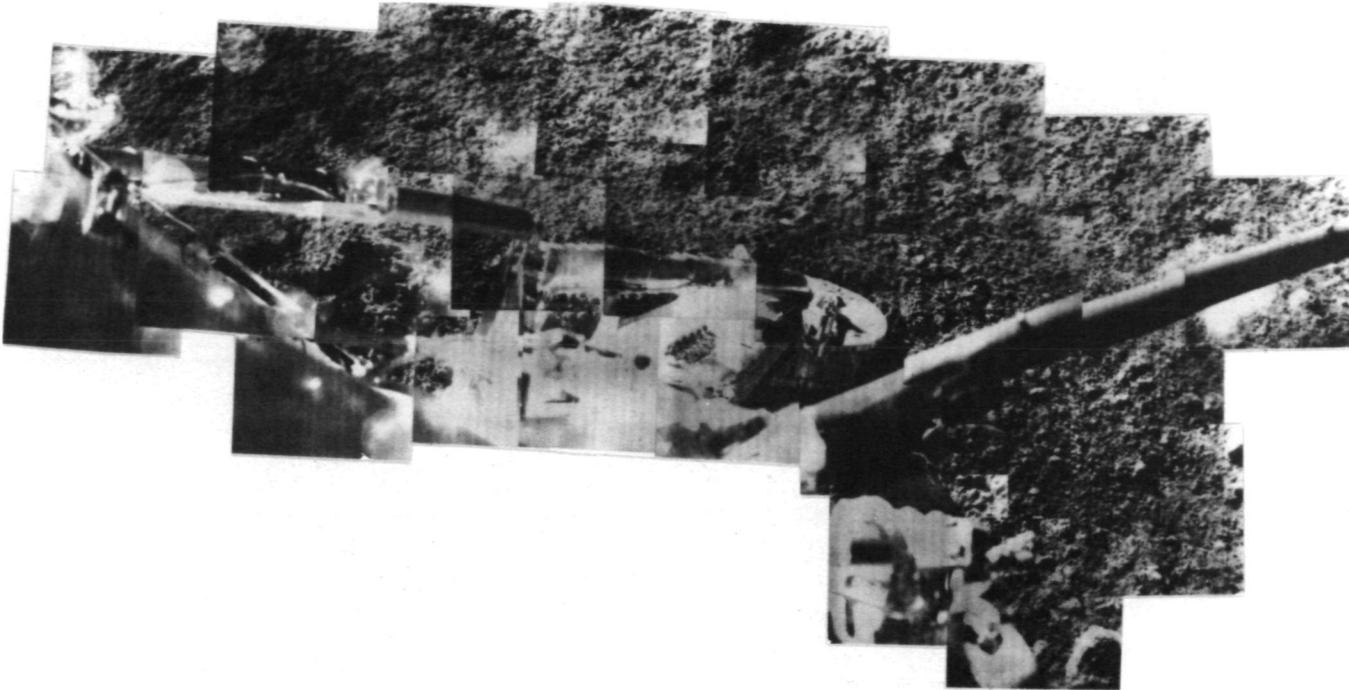


Figure 207.—Vicinity of footpad three. The mosaic consists of narrow-angle pictures from survey G. (JPL 211-2024A)



Figure 208.—Vicinity of footpad three. The mosaic is part of survey W-P and consists of wide-angle frames 263 065237 and 263 065310. (JPL 211-2039)

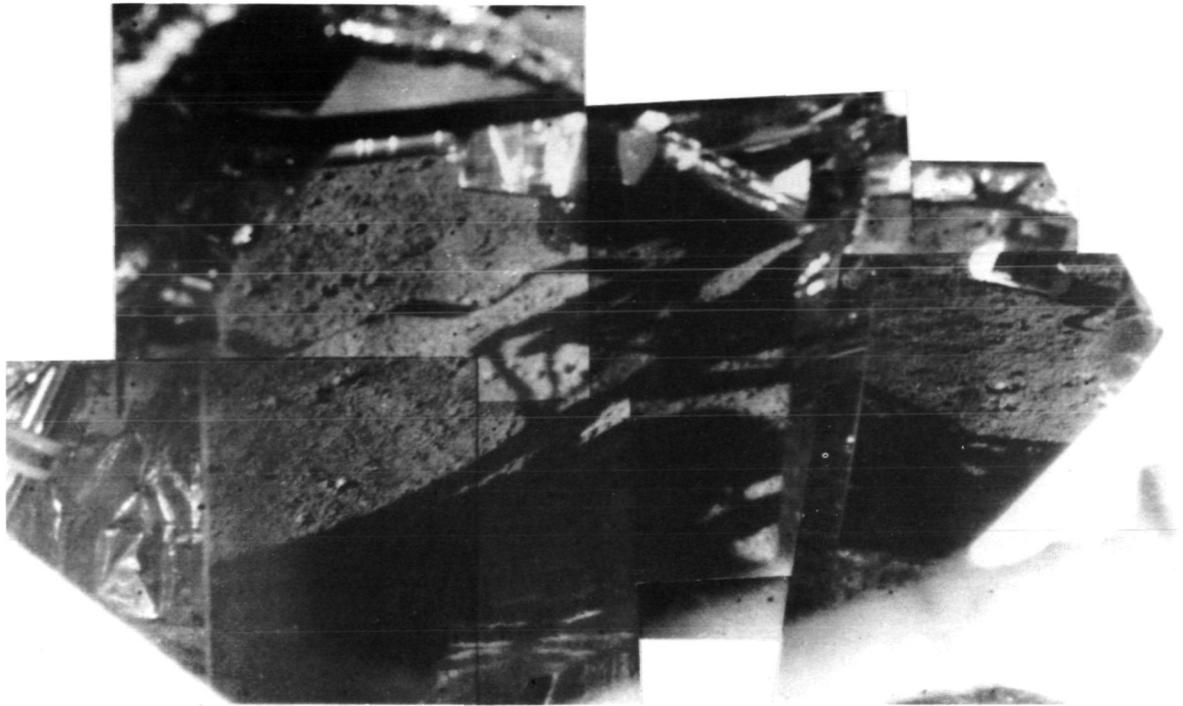


Figure 209.—Lunar surface under crush block three. The mosaic is part of mirror survey A and consists of narrow-angle frames 255 024709 through 255 025121. (JPL 211-2004)

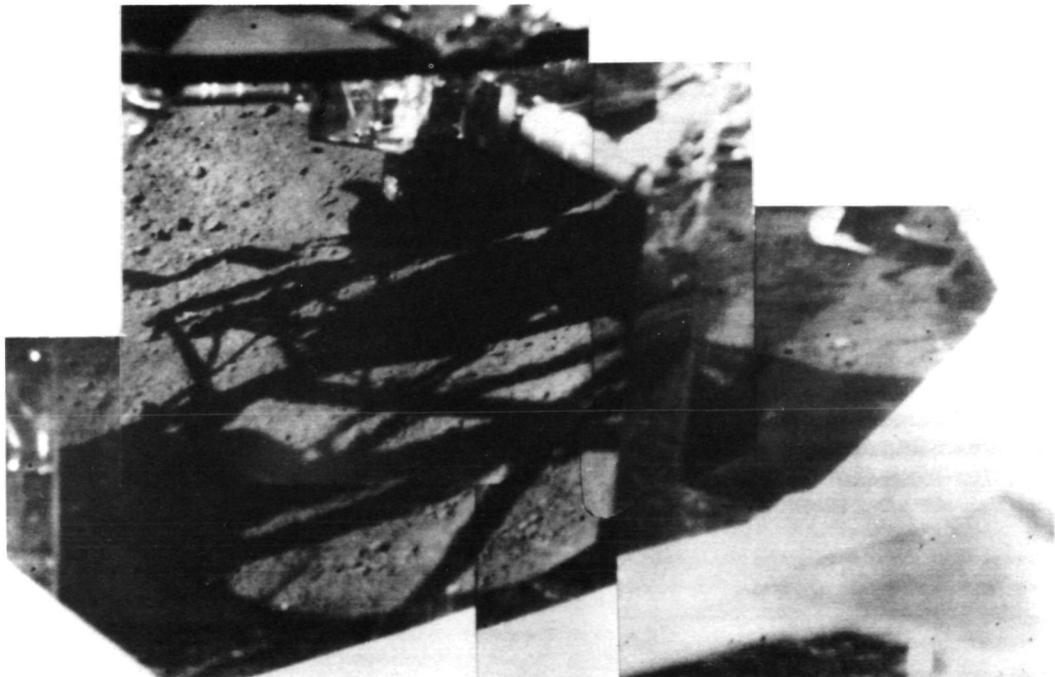


Figure 210.—Lunar surface under crush block three. The mosaic is part of mirror survey B and consists of narrow-angle frames 256 011537 through 256 012344, which were taken just before the vernier erosion experiment. (JPL 211-1996)

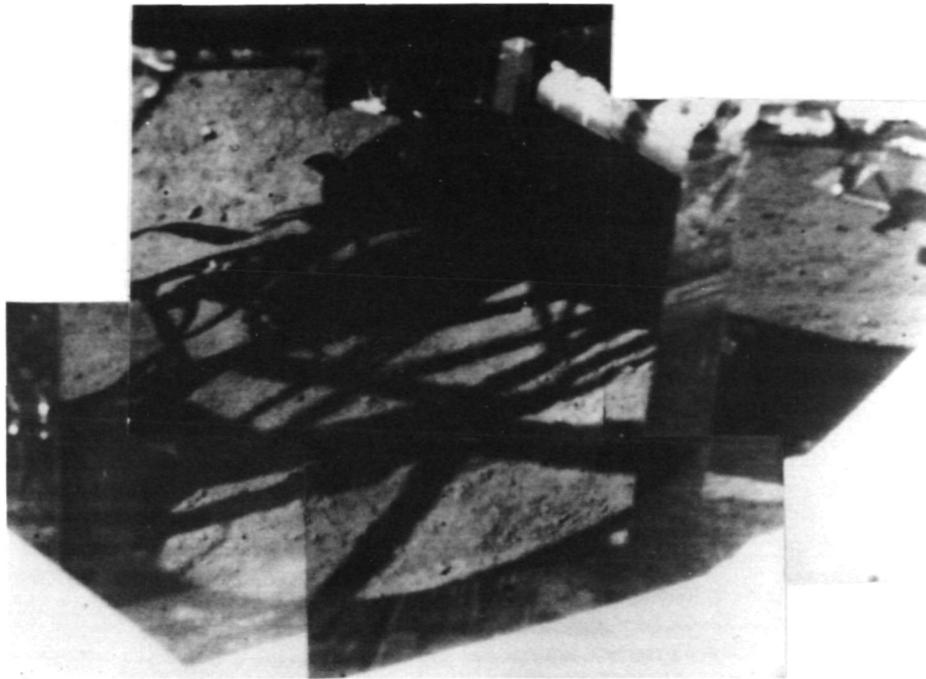


Figure 211.—Lunar surface under crush block three. The mosaic is part of mirror survey C and consists of narrow-angle frames 256 073340 through 256 073417, which were taken immediately after the vernier erosion experiment. (JPL 211-1997)

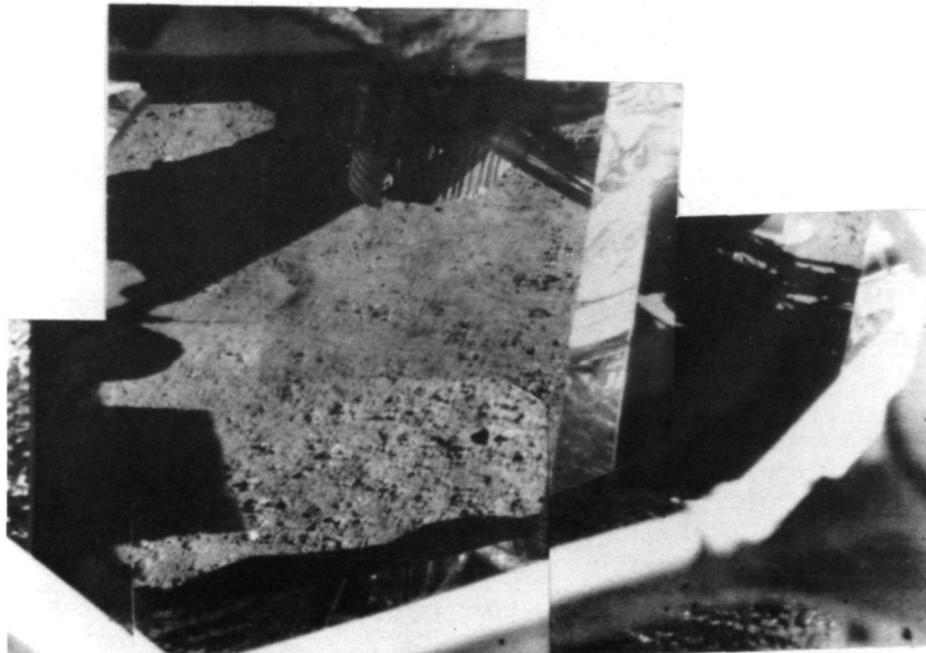


Figure 212.—Lunar surface under crush block three. The mosaic is part of mirror survey I and consists of narrow-angle frames 263 114713 through 263 114744. (JPL 211-2002)

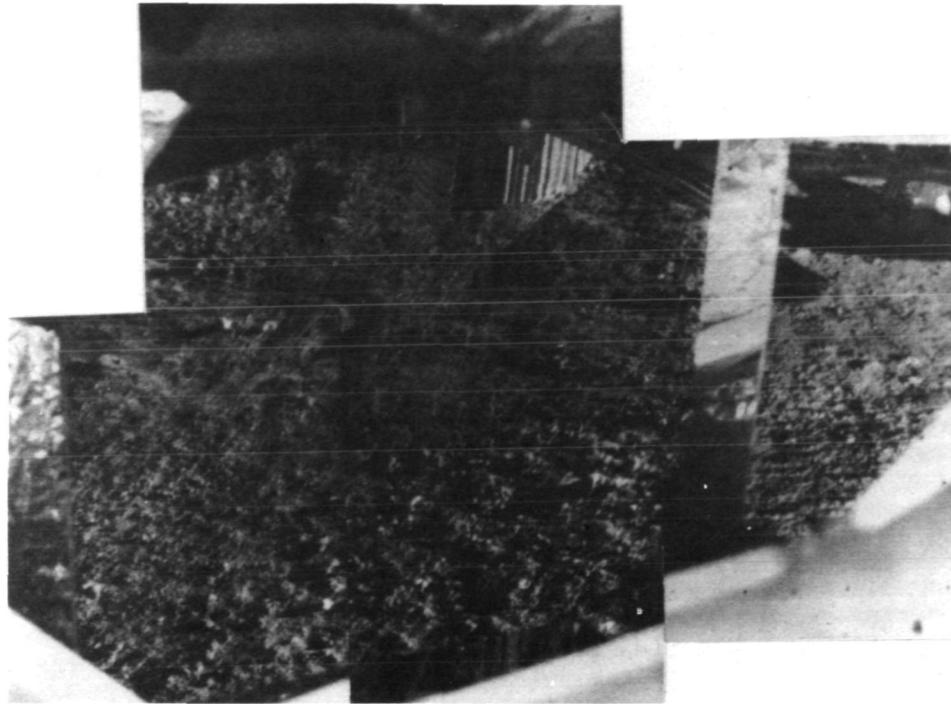


Figure 213.—Lunar surface under crush block three. The mosaic is part of mirror survey L and consists of narrow-angle frames 265 140849 through 265 140929. (JPL 211-2023B)

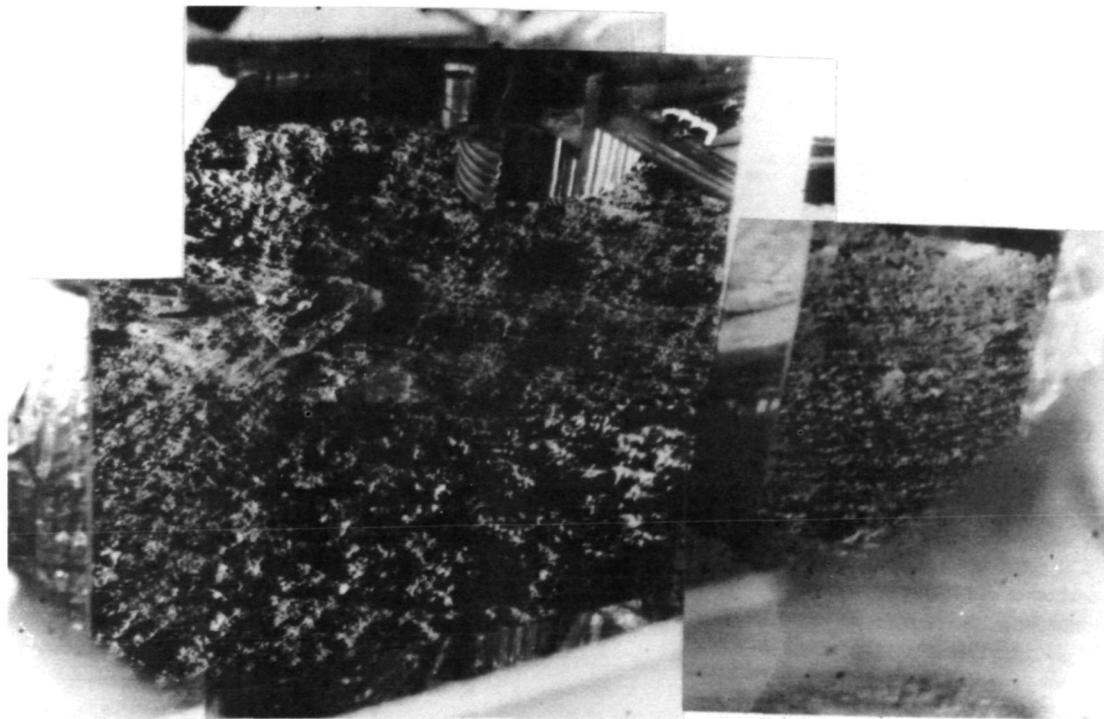


Figure 214.—Lunar surface under crush block three. The mosaic is part of mirror survey N and consists of narrow-angle frames 266 002854 through 266 002928. (JPL 211-2025A)

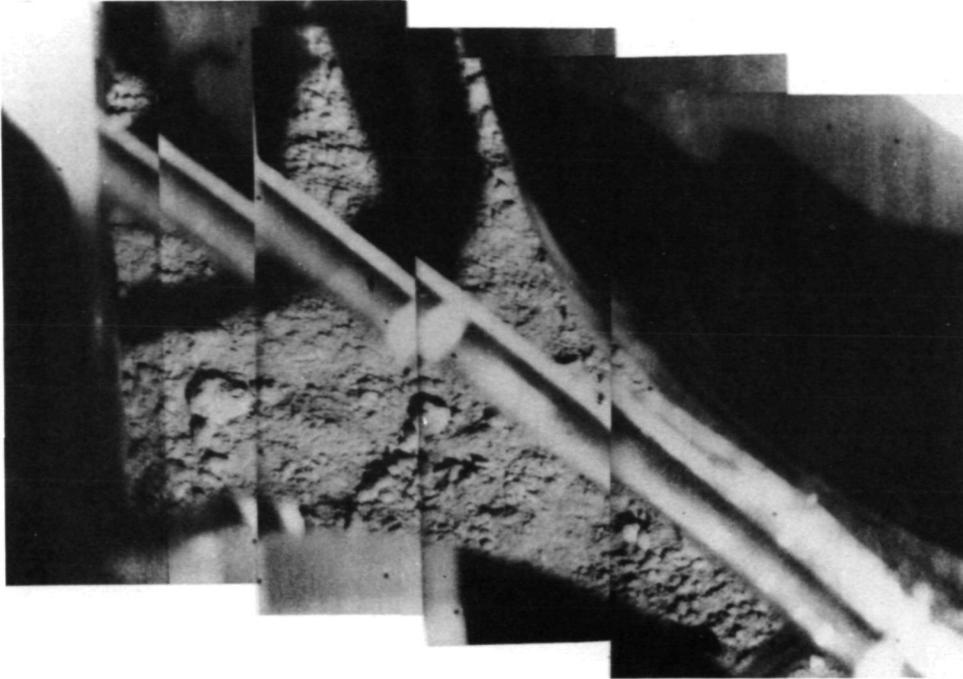


Figure 215.—Vicinity of vernier engine three. The mosaic is part of special survey A and consists of narrow-angle frames 255 005858 through 255 005919. (JPL 211-2021B)

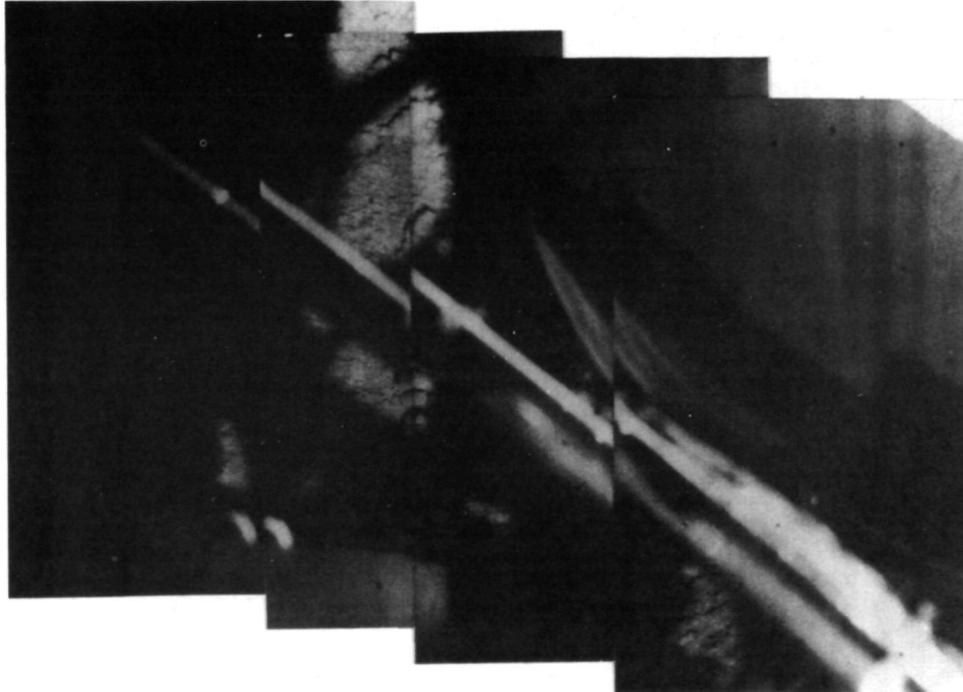


Figure 216.—Vicinity of vernier engine three. The mosaic is part of special survey B and consists of narrow-angle frames 256 004332 through 256 004350. (JPL 211-2022)

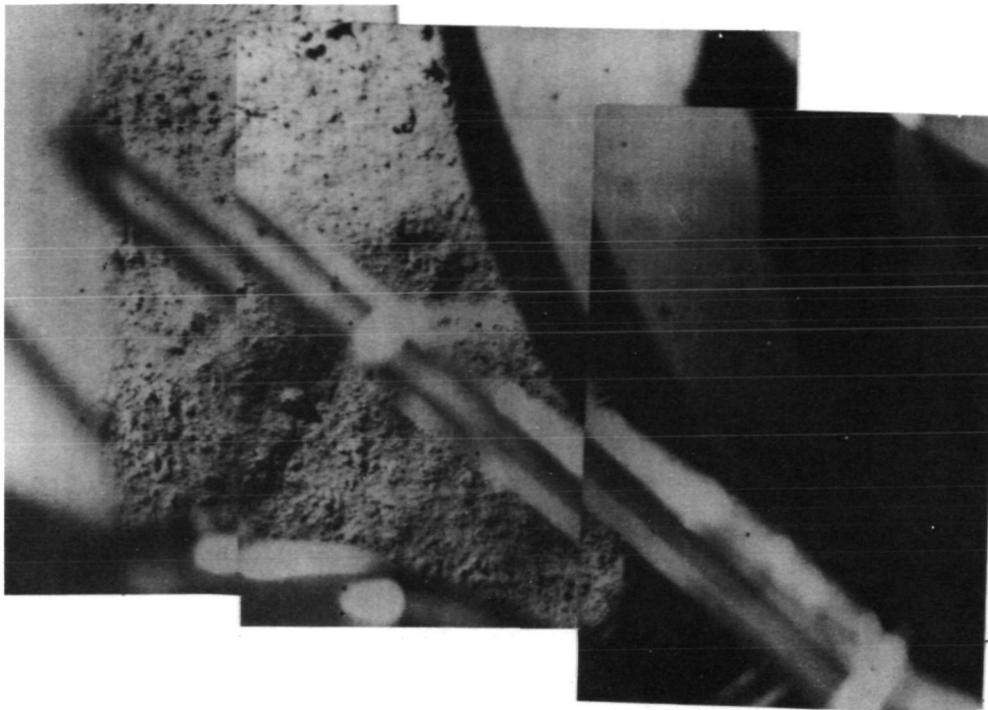


Figure 217.—Vicinity of vernier engine three. The mosaic is part of special survey F and consists of narrow-angle frames 263 095947 through 263 095957. (JPL 211-2020A)

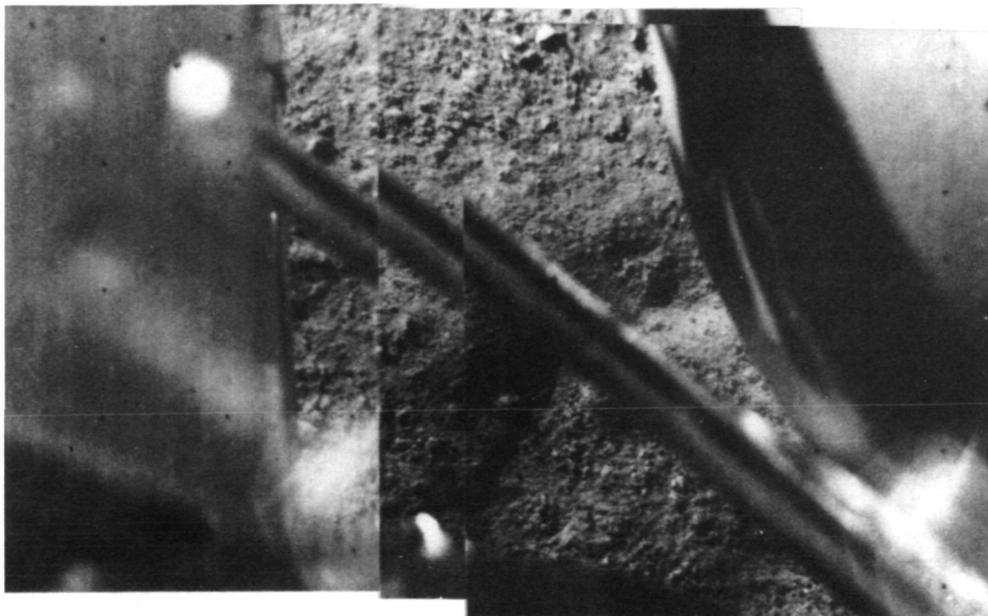


Figure 218.—Vicinity of vernier engine three. The mosaic is part of special survey J and consists of narrow-angle frames 264 053631 through 264 053741. (JPL 211-2020B)

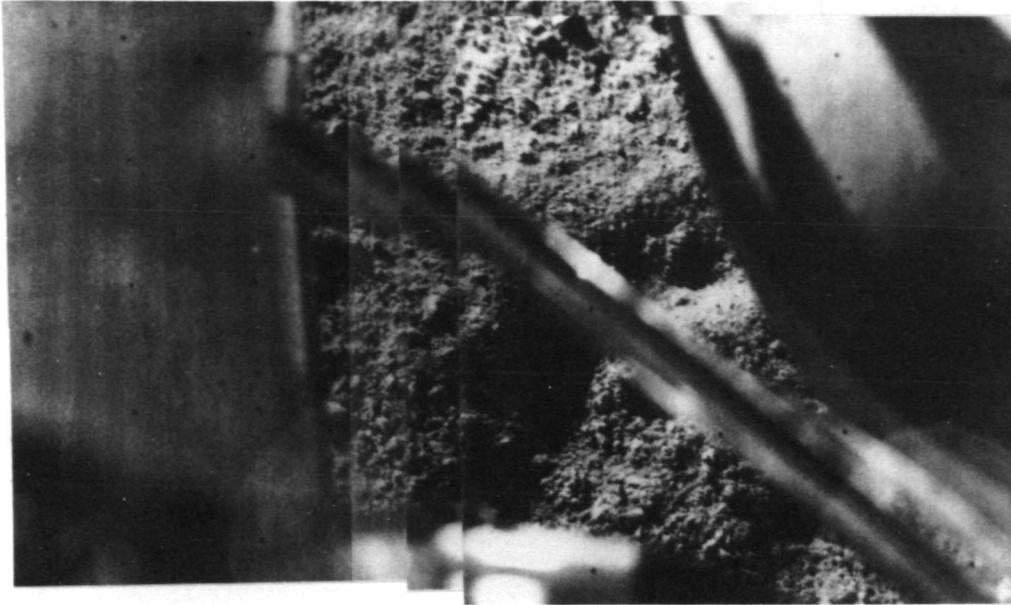


Figure 219.—Vicinity of vernier engine three. Mosaic is part of special survey K and consists of narrow-angle pictures 265 053657 through 265 053741. (JPL 211-2021A)

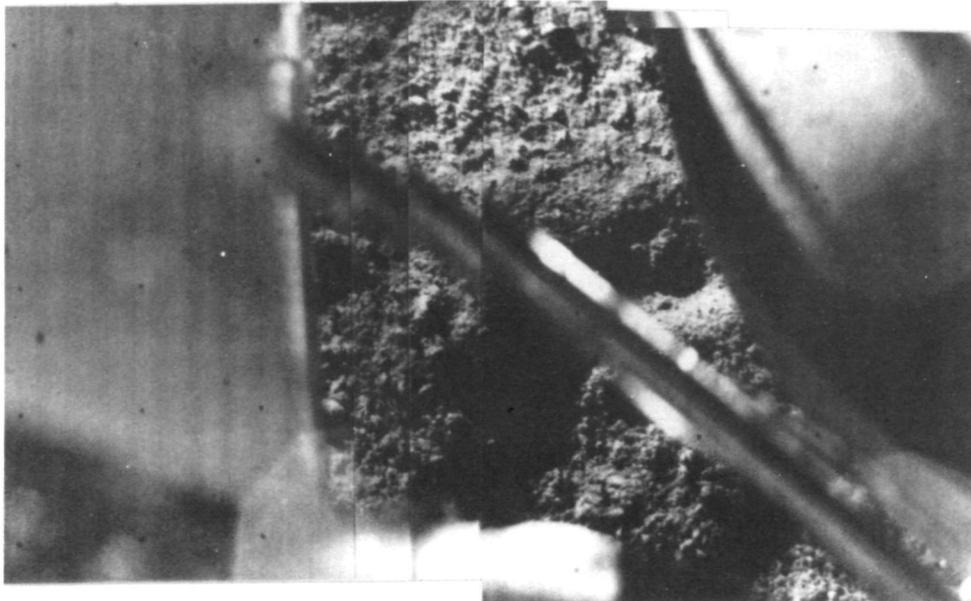


Figure 220.—Vicinity of vernier engine three. Mosaic is part of special survey L and consists of narrow-angle pictures 265 133649 through 265 133730. (JPL 211-2051)

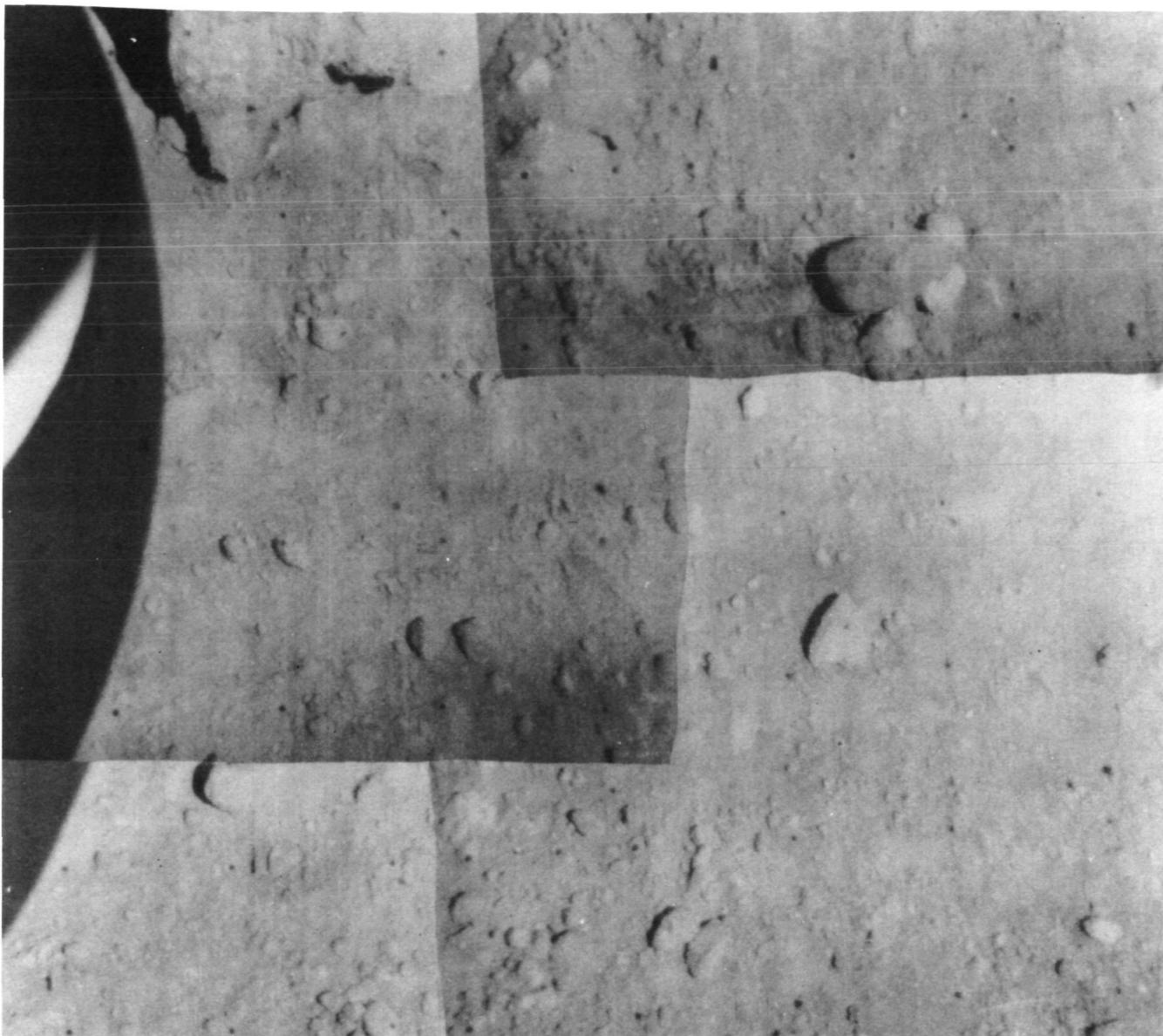


Figure 221.—Lunar surface near the helium tank. Mosaic consists of narrow-angle pictures 255 050737 through 255 052623, which are part of survey A. (JPL 211-3384A)

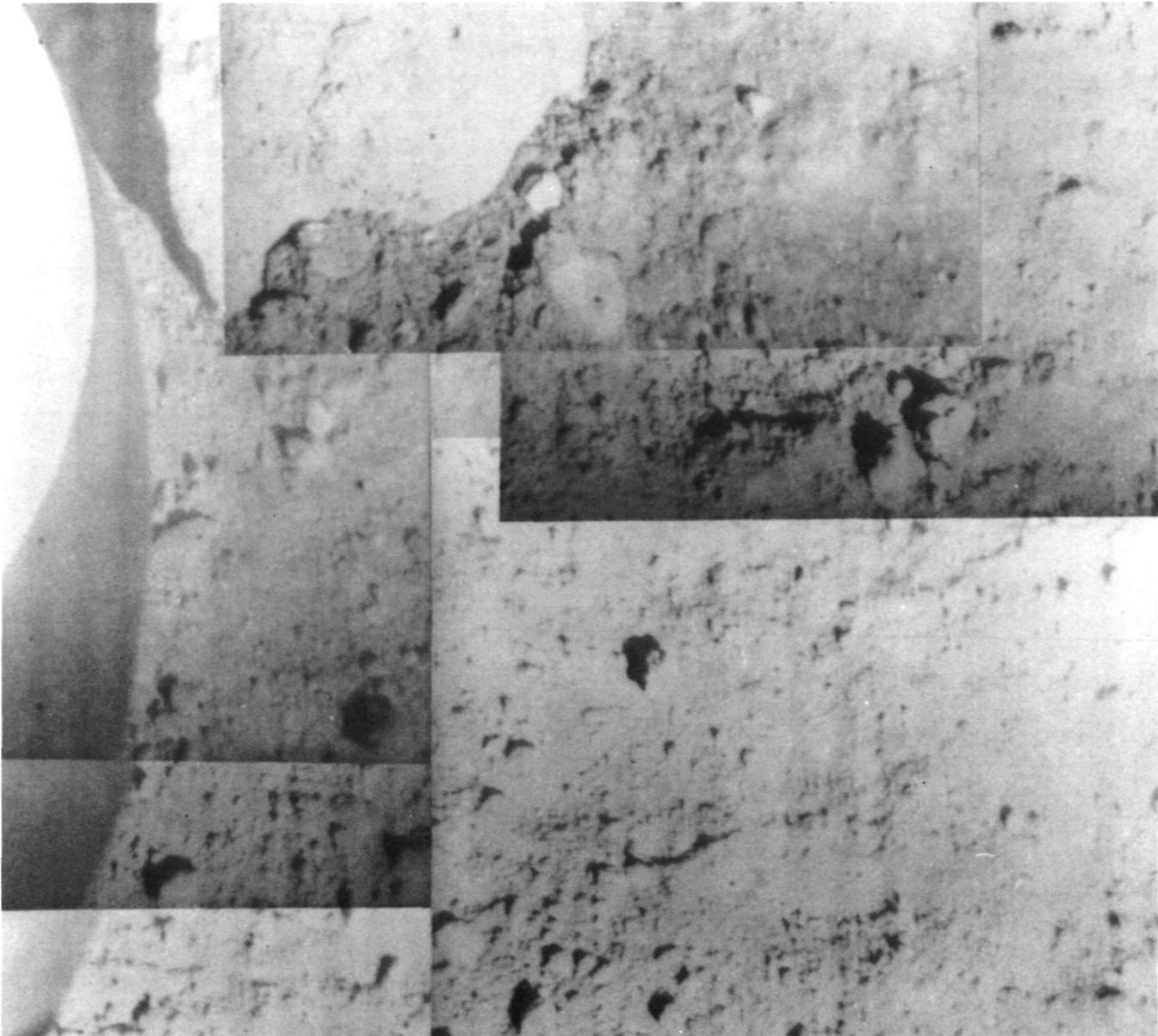


Figure 222.—Lunar surface near the helium tank. Mosaic consists of narrow-angle pictures 257 071629 through 257 071738, which are part of survey C. (JPL 211-3385A)

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Appendix A. Study of Contamination of Surveyor V Landing Site by Main Retro Exhaust by A. L. Turkevich, E. J. Franzgrote, and J. H. Patterson

Appendix B. Surveyor Scientific Teams

Appendix C. Surveyor Management Organization

Surveyor Project Staff: Mission Description and Performance. Pt. I of Surveyor V Mission Report, JPL Tech. Rept. 32-1246, Mar. 15, 1968.

Introduction and Summary

Space Vehicle Preparations and Launch Operations

Launch Vehicle System

Surveyor Spacecraft

Tracking and Data System

Mission Operations System

Flight Path and Events

Flight Events

Spacecraft Configuration

Spacecraft Data Content of Telemetry Modes

Spacecraft Temperature Histories

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Appendix B. Surveyor Science Teams

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Astronomy: Solar Corona Observations by R. H. Norton

Appendix A. Effects of Lunar Particles on Spacecraft Mirror Surfaces by L. D. Jaffe and J. J. Rennilson

Appendix B. The Lunar Sunset Phenomenon by L. H. Allen

Appendix C. Surveyor Science Teams and Cognizant Personnel

Appendix D. Surveyor Management Organization

Surveyor Project Staff: Project Description and Performance. Pt. I of Surveyor Project Final Report, JPL Tech. Rept. 32-1265, July 1, 1969.

Volume I:

Introduction
 Mission Performance
 Scientific Results Summary
 Project History
 Project Organization and Management Controls
 Mission Analysis and Engineering
 Mission Operations
 Launch Vehicle System and Interface With Spacecraft
 Spacecraft Aerospace Ground Equipment
 Spacecraft Environmental Test Requirements
 Spacecraft System Testing and Launch Operations
 Quality Assurance and Reliability

Volume II:

Spacecraft System
 Spacecraft Structures and Mechanisms
 Thermal Control
 Spacecraft Power
 Spacecraft Propulsion
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Surveyor Post-Touchdown Analysis of Tracking Data by F. B. Winn
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Astronomy: Solar Corona Observations by R. H. Norton
Appendix A. Effects of Lunar Particles on Spacecraft Mirror Surfaces by L. D. Jaffe and J. J. Rennilson
Appendix B. The Lunar Sunset Phenomenon by L. H. Allen
Appendix C. Surveyor Science Teams and Cognizant Personnel