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NTISUB/B/138-76/012

LANDSAT

U.S. STANDARD CATALOG

1 DECEMBER 1976

THROUGH

31 DECEMBER 1976

GSFC/LU-76/012

GODDARD SPACE FLIGHT CENTER

GREENBELT, MARYLAND

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

The NASA logo, featuring the word "NASA" in white, bold, sans-serif capital letters inside a black circle. The logo is positioned on the left side of the page, with a horizontal line passing through the center of the circle and a vertical line passing through the top and bottom of the circle. The vertical line is thicker than the horizontal line.

NASA

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INTRODUCTION

To provide dissemination of information regarding the availability of Landsat imagery, the Image Processing Facility (IPF), located at the Goddard Space Flight Center, publishes a U. S. and Non-U. S. Standard Catalog on a monthly schedule. These catalogs identify imagery which has been processed and input to the data files during the referenced month. The U. S. Standard Catalog includes imagery covering the continental United States, Alaska and Hawaii; the Non-U. S. Catalog identifies all the remaining coverage. Imagery adjacent to the continental U. S. and Alaska borders will normally appear in the U. S. Standard Catalog. As a supplement to these catalogs, the Landsat imagery of one spectral band is available on 16mm microfilm.

In addition to the routine monthly catalogs, the IPF annually publishes a cumulative U. S. and Non-U. S. Standard Catalog for each satellite, covering a year based on the launch date for that satellite. These catalogs include information on all observations acquired and processed by the facility during that year.

Film products for imagery listed in this catalog are available at a nominal price from all three agencies listed below. In addition, the 16mm microfilm can be purchased from the U. S. Department of the Interior (USDI) EROS Data Center and National Oceanic and Atmospheric Administration (NOAA). Digital tapes can be purchased only from the USDI EROS Data Center.

U. S. Department of Agriculture

Aerial Photography Field Office
2505 Parley's Way
Salt Lake City, Utah 84109

U. S. Department of Commerce
National Oceanic and Atmospheric
Administration

Environment Data Service
Satellite Data Service Branch
D543
World Weather Building
Room 606
Washington, D. C. 20233

U. S. Department of the Interior
Geological Survey

User Services Unit
EROS Data Center
Sioux Falls, South Dakota 57198

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SECTION 1 – STANDARD CATALOG

1.1 MONTHLY CATALOGS

The coverage sections contained in the monthly U.S. and Non-U.S. Standard Catalogs are divided into three parts. Part 1 (see Para. 1.1,A) consists of annotated maps which graphically depict the geographic areas covered by imagery listed in the current catalog. Part 2 (see Para. 1.1,B) contains a computer generated listing organized by observation identification number (ID) and includes pertinent information about each image. Part 3 (see Para. 1.1,C) provides a computer listing of observations organized by longitude/latitude.

A. Satellite Coverage Maps. These maps are segregated by cycle and depict the general location of observations listed in the catalog. The format and data content of these maps are slightly different in the U.S. and Non-U.S. catalogs.

1. U.S. Satellite Coverage Maps. Two separate map formats are presented in this catalog. One map outlines the continental U.S. and depicts the estimated cloud cover along each north to south subsatellite path. Each path is identified by actual orbit number and a cross reference, which matches the orbit number to the initial observation ID for that path. The second map provides an enlarged view of Alaska and Hawaii and displays the portion of an orbital pass for which coverage is available. This map does not include cloud cover estimates or orbit numbers.
2. Non-U.S. Satellite Coverage Map. A world outline map is provided with the portions of an orbital swath for which observations are available graphically displayed. This map is intended solely to inform the user as to whether or not coverage is included in the catalog for his area of interest. It is not intended as a rapid reference to specific observations.

B. Observation Identification Number (ID) Listing. The data format for the observation ID listing is identical in the U.S. and Non-U.S. Catalogs. Observation ID numbers are listed in a sequential manner from smallest number to largest. Associated with each ID number in the list is pertinent information about that observation. A sample catalog page with a description of each data item is shown in Figure 1-1.

1. Sample Observation ID Format. See Figure 1-1.

<div> <div>① 20 53 APR 04 '75</div> <div>② FROM 02/01/75 TO 02/28/75</div> </div>										
④		⑤		⑥	⑦	⑧	⑨		⑩	⑪
OBSERVATION ID		MICROFILM ROLL NO./ POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE		SUN ELEV.	SUN AZIM.
		RBV	MSS				LAT	LONG		
1943-16381		00000/0000	1-10034/0565	02/21/75	100	3149	4728N	09815W	25.3	144.8
1943-16383		00000/0000	1-10034/0566	02/21/75	100	3149	4603N	09849W	26.3	143.9
1943-16390		00000/0000	1-10034/0567	02/21/75	100	3149	4438N	09923W	27.2	143.0
1943-16392		00000/0000	1-10034/0568	02/21/75	70	3149	4313N	09955W	28.2	142.1
1943-16395		00000/0000	1-10034/0569	02/21/75	40	3149	4147N	10026W	29.1	141.2
1944-16412		00000/0000	1-10034/0606	02/22/75	40	3163	4854N	09903W	24.7	145.5
1944-16435		00000/0000	1-10034/0607	02/22/75	90	3163	4730N	09939W	25.6	144.6
1944-16441		00000/0000	1-10034/0608	02/22/75	30	3163	4605N	10014W	26.6	143.8

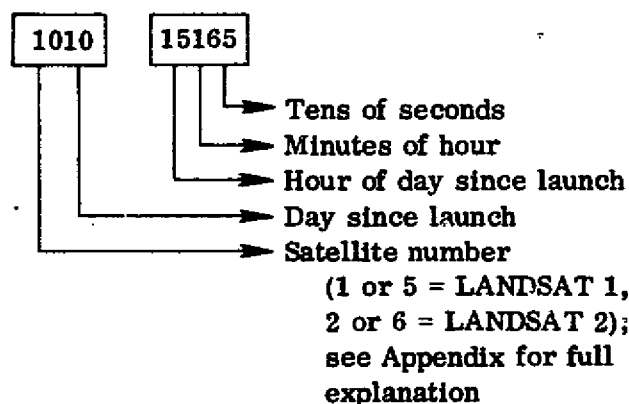
③ KEY:

CLOUD COVER	IMAGE QUALITY
● 0 TO 100 = % OF CLOUD COVER	● BLANK = BAND NOT PRESENT/REQUESTED
● ** N. CLOUD DATA AVAILABLE	● G = GOOD P = POOR I = FAIR

Figure 1-1. Observation ID Listing for Standard Catalog

2. Description of Data Items

- ① Date of catalog listing
- ② Period during which imagery was processed
- ③ Data quality
- ④ Observation ID



- ⑤ RBV and MSS microfilm roll and image position on roll; note: RBV and MSS images for a given observation may be on two different microfilm rolls
- ⑥ Date of observation
- ⑦ Estimated percent of cloud cover
- ⑧ Orbit number
- ⑨ Latitude and longitude at observation center (degrees and minutes)
- ⑩ Sun elevation and azimuth at observation center
- ⑪ Image quality; see key

- C. **Longitude/Latitude Listing.** The data format for the longitude/latitude listing is identical in the U.S. and Non-U.S. Catalogs. This listing contains the same observations as the observation ID listing but organizes them by coordinates, using image center location information for each observation. Observations in this listing will be sorted first by longitude and, within longitude, by latitude. The longitude/latitude listing is arranged in the following manner:

180-0 degrees East; 90-0 degrees North and 0-90 degrees South
followed by
0-180 degrees West; 90-0 degrees North and 0-90 degrees South

This listing is intended to be used as a tool for locating specific coverage, and once a specific observation has been identified, pertinent information about it can be found by referring to the ID listing.

Figure 1-2 below shows a sample catalog page with a description of each data item.

1. **Sample Longitude/Latitude Format.** See Figure 1-2.

① 20-31 APR 73				② FROM 02 01 73 TO 02 26 73			
③	④	⑤	⑥	③	④	⑤	⑥
PRINCIPAL PT OF IMAGE LONG. LAT.	OBSERVATION ID	CC	QUALITY RBY MSS 12345678	PRINCIPAL PT OF IMAGE LONG. LAT.	OBSERVATION ID	CC	QUALITY RBY MSS 12345678
12350N 3600E	1000-10170	00	1111	12420N 3850E	1023-10132	70	1111
12352N 4020E	1001-10120	00	1111	12420N 4000E	1025-10227	00	1111
12352N 4020E	1025-10125	00	1111	12440N 4140E	1026-10101	00	1111
12401N 4720E	1025-10221	00	1111	12440N 4350E	1041-10125	00	1111
12410N 4910E	1026-10170	70	1111	12440N 4550E	1025-10213	00	1111
12421N 5000E	1026-10123	00	1111	12440N 4850E	1025-10154	70	1111
				12440N 5000E	1026-10202	70	1111

① KEY
CLOUD COVER
00 = TO 100% CLOUD COVER
00 = NO CLOUD DATA AVAILABLE

IMAGE QUALITY
00 = BLANK - BAND NOT PRESENT OR INTENTED
01 = GOOD 02 = POOR 1 = FAIR

Figure 1-2. Coordinate Listing for Standard Catalog

2. **Description of Data Items**

- | | |
|---|------------------------------------|
| ① Date of catalog listing | ⑤ Estimated percent of cloud cover |
| ② Period during which imagery was processed | ⑥ Image quality; see key |
| ③ Longitude and latitude at observation center
(degrees and minutes) | ⑦ Data quality |
| ④ Observation ID (see Fig. 1-1, Para. 1.1, B, 2) | |

1.2 CUMULATIVE STANDARD CATALOGS

Annually, a cumulative catalog is produced which includes information covering all observations and coordinates acquired and processed by the IPF during that year.

A. Observation ID Listing.

1. Sample Observation ID Format. See Figure 1-1.
2. Description of Data Items. See Paragraph 1.1,B,2.

B. Coordinate ID Listing. The coordinate ID listing format is expanded to identify observations for which color or digital products have been made.

1. Sample Coordinate ID Format. See Figure 1-3.

(9)		(1)	(4)		(5)	(6)	(7)	(8)	(10)		(11)	(12)			
PRINCIPAL POINT OF IMAGE		OBSERVATION ID		MICROFILM ROLL NO./ POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUALITY	PRODUCTS			
LONG	LAT			RBV	MSS						RBV 123	MSS 45678	C	P	D
07607W	3734N	1295-15144		00000/0000	10010/1659	05/14/73	20	4112	60.2	122.0	GGGG			M	
07607W	3731N	1259-15150		00000/0000	10010/0088	04/08/73	90	3610	50.7	133.2	GGGG			M	
07607W	3731N	1313-15143		00000/0000	10011/0920	06/01/73	80	4363	62.3	116.2	GGGG			M	
07608W	4438N	1027-15231		00000/0000	1-10001/1498	08/19/72	0	375	50.9	136.9	GGGG		M	M	
07608W	3731N	1331-15142		00000/0000	1-10011/1589	06/19/73	100	4614	62.4	112.8	GGGG				
07608W	3724N	1349-15141		00000/0000	1-10012/1387	07/07/73	10	4865	61.2	112.9	PGPP		M	M	
07609W	4851N	1352-15275		00000/0000	1-10012/1622	07/10/73	60	4907	56.7	133.9	G				
07609W	3144N	1006-15093		1-10001/0377	1-10001/0378	07/29/72	100	82	59.7	108.3	GGG	PPGG			

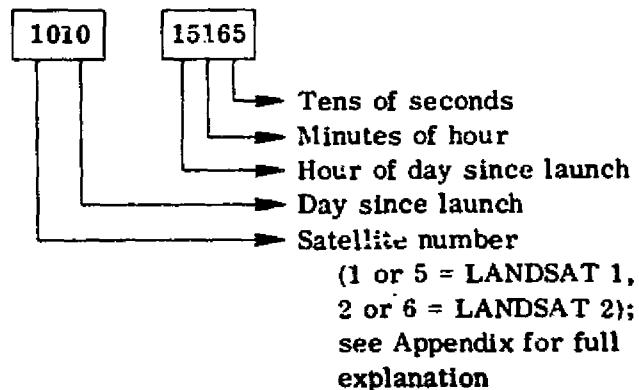
(3) KEY:

CLOUD COVER-	IMAGE QUALITY	PRODUCTS ALREADY MADE
• 0 TO 100 = % OF CLOUD COVER	• BLANK = BAND NOT PRESENT/REQUESTED	• R = MADE FROM RBV M = MADE FROM MSS
	• G = GOOD P = POOR F = FAIR	B = MADE FROM RBV AND MSS

Figure 1-3. Coordinate Listing for Cumulative Standard Catalog

2. Description of Data Items

- ① Date of catalog listing
- ② Period during which imagery was processed
- ③ Data quality
- ④ Observation ID



- ⑤ RBV and MSS microfilm roll and image position on roll; note: RBV and MSS images for a given observation may be on two different microfilm rolls
- ⑥ Date of observation
- ⑦ Estimated percent of cloud cover
- ⑧ Orbit number
- ⑨ Latitude and longitude at observation center (degrees and minutes)
- ⑩ Sun elevation and azimuth at observation center
- ⑪ Image quality; see key
- ⑫ Image/data product availability; see key

SECTION 2 — MICROFILM

2.1 GENERAL

The Image Processing Facility produces a 16 mm microfilm inventory of imagery processed during the referenced month and is organized for convenient use with the Standard Catalog.

As in the case of the Standard Catalog, the microfilm data is divided into U.S. and Non-U.S. segments. Each set of microfilm images is in exact correspondence to a Standard Catalog and can be used in conjunction with the catalog for selecting desired images. A maximum of 1900 images will be contained on one roll of 16 mm x 100 ft microfilm. Because the microfilm images are intended to provide only a summary of the data available, the images are limited to one band each for the RBV and MSS. Although a single observation will produce seven images, in the production of microfilm only the RBV Spectral Band 2 images (0.580 - 0.680 microns) and MSS Spectral Band 2 images (0.6 - 0.7 microns) are reproduced. Each image is a photograph of a 70 mm (-2) image and contains the image identifier and annotation block. See Figure 2-1.

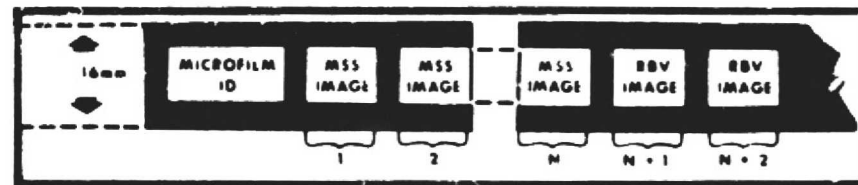


Figure 2-1. Microfilm Format

Microfilm roll numbers contain six digits. The first digit designates the satellite number (blank or 1- LANDSAT 1, 2- = LANDSAT 2). Example: Roll number 10032 and roll number 1-10034 are both LANDSAT 1 rolls. Roll 2-10032 is a LANDSAT 2 roll. The second digit will be a 1 (for U.S. rolls) or a 2 (for Non-U.S. rolls). The remaining digits are used to number sequentially all microfilm rolls prepared within each group. Example: Roll number 10001 is the first U.S. roll of microfilm produced for LANDSAT 1. Roll number 20004 is the fourth Non-U.S. roll to be produced for LANDSAT 1. The first U.S. roll of microfilm for LANDSAT 2 is number 2-10001.

The microfilm contains two rapid search capabilities to help the user quickly reach the desired scene. They are:

- Code Line Indexing
- Blip Encoding

2.2 CODE LINE INDEXING

The Landsat microfilm images have been annotated with visual code lines to the right of each frame. The visual code lines graduate up the edge of the screen as the film advances and allow the user to advance rapidly to within 20 frames of his desired image. See Figure 2-2.

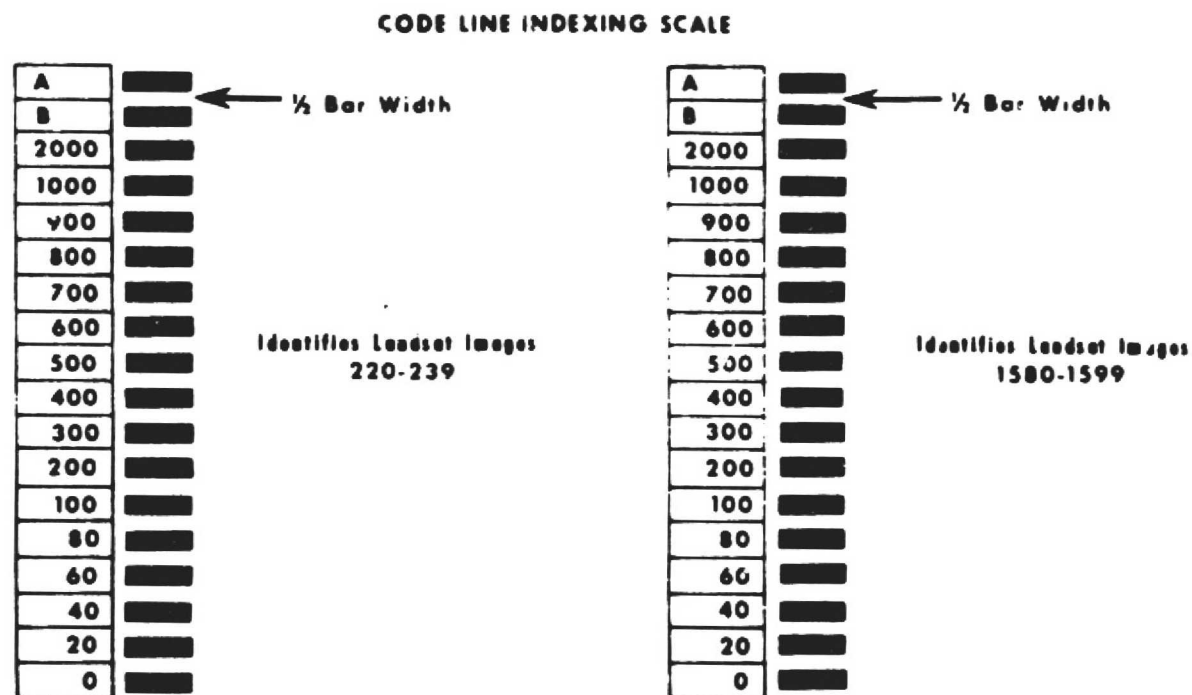


Figure 2-2. Code Line Indexing Scale

To utilize this system, a user must generate a code line indexing bar scale to attach to the face of his viewers. The size and spacing for the bar scale is dependent upon the magnification of his viewer. Landsat imagery is microfilmed at a reduction ratio of 9.5x. To determine the overall length of a scale required for your microfilm reader, multiply 7.4mm by the enlargement factor of your lens. To determine the bar widths along the bar scale, multiply 0.24 mm by the same factor. A space between each bar should exist that is 1/2 the bar width.

2.3 BLIP ENCODING

The LANDSAT microfilm images have also been annotated with a blip (black spot) at the base of each frame. This type of encoding is designed for use on readers with an electronic sensing and counting capability or an odometer. To use the blip encoding retrieval system, the film will have to be placed in a cartridge. When the cartridge is placed in a reader which contains an odometer or has a keyboard attached, the identification of the desired image is obtained from the Standard Catalog (column 6, Microfilm Position) and either punched on the keyboard or read via the odometer as the film advances. Using a reader configured for rapid search and retrieval, the film advances and the frames (blips) are counted by means of a photosensing light. When the appropriate number has been counted, the reader stops and the desired image is projected on the screen. Using a reader with an odometer requires the user to monitor the odometer as the film advances and stop the advance of the film in the vicinity of the required frame.

SECTION 3 — CYCLE CHARTS
SECTION 3.1 — LANDSAT 1 CYCLES

Cycle	Days Since Launch		Calendar Date		Cycle	Days Since Launch		Calendar Date	
	Begin	End	Begin	End		Begin	End	Begin	End
First 8 days	1	8	24 Jul 72	31 Jul 72	16	279	296	28 Apr 73	15 May 73
1	9	26	1 Aug 72	18 Aug 72	17	297	314	16 May 73	2 Jun 73
2	27	44	19 Aug 72	5 Sep 72	18	315	332	3 Jun 73	20 Jun 73
3	45	62	6 Sep 72	23 Sep 72	19	333	350	21 Jun 73	8 Jul 73
4	63	80	24 Sep 72	11 Oct 72	20	351	368	9 Jul 73	26 Jul 73
5	81	98	12 Oct 72	29 Oct 72	21	369	386	27 Jul 73	13 Aug 73
6	99	116	30 Oct 72	16 Nov 72	22	387	404	14 Aug 73	31 Aug 73
7	117	134	17 Nov 72	4 Dec 72	23	405	422	1 Sep 73	18 Sep 73
8	135	152	5 Dec 72	22 Dec 72	24	423	440	19 Sep 73	6 Oct 73
9	153	170	23 Dec 72	9 Jan 73	25	441	458	7 Oct 73	24 Oct 73
10	171	188	10 Jan 73	27 Jan 73	26	459	476	25 Oct 73	11 Nov 73
11	189	206	28 Jan 73	14 Feb 73	27	477	494	12 Nov 73	29 Nov 73
12	207	224	15 Feb 73	4 Mar 73	28	495	512	30 Nov 73	17 Dec 73
13	225	242	5 Mar 73	22 Mar 73	29	513	530	18 Dec 73	4 Jan 74
14	243	260	23 Mar 73	9 Apr 73	30	531	548	5 Jan 74	22 Jan 74
15	261	278	10 Apr 73	27 Apr 73	31	549	566	23 Jan 74	9 Feb 74

SECTION 3.1 - LANDSAT 1 CYCLES

Cycle	Days Since Launch		Calendar Date		Cycle	Days Since Launch		Calendar Date	
	Begin	End	Begin	End		Begin	End	Begin	End
32	567	584	10 Feb 74	27 Feb 74	48	855	872	25 Nov 74	12 Dec 74
33	585	602	28 Feb 74	17 Mar 74	49	873	890	13 Dec 74	30 Dec 74
34	603	620	18 Mar 74	4 Apr 74	50	891	908	31 Dec 74	17 Jan 75
35	621	638	5 Apr 74	22 Apr 74	51	909	926	18 Jan 75	4 Feb 75
36	639	656	23 Apr 74	11 May 74	52	927	944	5 Feb 75	22 Feb 75
37	657	674	12 May 74	28 May 74	53	945	962	23 Feb 75	12 Mar 75
38	675	692	29 May 74	15 Jun 74	54	963	980	13 Mar 75	30 Mar 75
39	693	710	16 Jun 74	3 Jul 74	55	981	998	31 Mar 75	17 Apr 75
40	711	728	4 Jul 74	21 Jul 74	56	999	1016	18 Apr 75	5 May 75
41	729	746	22 Jul 74	8 Aug 74	57	1017	1034	6 May 75	23 May 75
42	747	764	9 Aug 74	26 Aug 74	58	1035	1052	24 May 75	10 Jun 75
43	765	782	27 Aug 74	13 Sep 74	59	1053	1070	11 Jun 75	28 Jun 75
44	783	800	14 Sep 74	1 Oct 74	60	1071	1088	29 Jun 75	16 Jul 75
45	801	818	2 Oct 74	19 Oct 74	61	1089	1106	17 Jul 75	3 Aug 75
46	819	836	20 Oct 74	6 Nov 74	62	1107	1124	4 Aug 75	21 Aug 75
47	837	854	7 Nov 74	24 Nov 74	63	1125	1142	22 Aug 75	8 Sep 75

SECTION 3.1 -- LANDSAT 1 CYCLES

Cycle	Days Since Launch		Calendar Date		Cycle	Days Since Launch		Calendar Date	
	Begin	End	Begin	End		Begin	End	Begin	End
64	1143	1160	9 Sep 75	26 Sep 75	80	1431	1448	23 Jun 76	10 Jul 76
65	1161	1178	27 Sep 75	14 Oct 75	81	1449	1466	11 Jul 76	28 Jul 76
66	1179	1196	15 Oct 75	1 Nov 75	82	1467	1484	29 Jul 76	15 Aug 76
67	1197	1214	2 Nov 75	19 Nov 75	83	1485	1502	16 Aug 76	2 Sep 76
68	1215	1232	20 Nov 75	7 Dec 75	84	1503	1520	3 Sep 76	20 Sep 76
69	1233	1250	8 Dec 75	25 Dec 75	85	1521	1538	21 Sep 76	8 Oct 76
70	1251	1268	26 Dec 75	12 Jan 76	86	1539	1556	9 Oct 76	26 Oct 76
71	1269	1286	13 Jan 76	30 Jan 76	87	1557	1574	27 Oct 76	13 Nov 76
72	1287	1304	31 Jan 76	17 Feb 76	88	1575	1592	14 Nov 76	1 Dec 76
73	1305	1322	18 Feb 76	6 Mar 76	89	1593	1610	2 Dec 76	19 Dec 76
74	1323	1340	7 Mar 76	24 Mar 76	90	1611	1628	20 Dec 76	6 Jan 77
75	1341	1358	25 Mar 76	11 Apr 76	91	1629	1646	7 Jan 77	24 Jan 77
76	1359	1376	12 Apr 76	29 Apr 76	92	1647	1664	25 Jan 77	11 Feb 77
77	1377	1394	30 Apr 76	17 May 76	93	1665	1682	12 Feb 77	1 Mar 77
78	1395	1412	18 May 76	4 Jun 76	94	1683	1700	2 Mar 77	19 Mar 77
79	1413	1430	5 Jun 76	22 Jun 76	95	1701	1718	20 Mar 77	6 Apr 77

SECTION 3.2 — LANDSAT 2 CYCLES

Cycle	Days Since Launch		Calendar Date		Cycle	Days Since Launch		Calendar Date	
	Begin	End	Begin	End		Begin	End	Begin	End
First 22 days	1	22	22 Jan 75	13 Feb 75	19	347	364	4 Jan 76	21 Jan 76
1	23	40	14 Feb 75	3 Mar 75	20	365	382	22 Jan 76	8 Feb 76
2	41	58	4 Mar 75	21 Mar 75	21	383	400	9 Feb 76	26 Feb 76
3	59	76	22 Mar 75	8 Apr 75	22	401	418	27 Feb 76	15 Mar 76
4	77	94	9 Apr 75	26 Apr 75	23	419	436	16 Mar 76	2 Apr 76
5	95	112	27 Apr 75	14 May 75	24	437	454	3 Apr 76	20 Apr 76
6	113	130	15 May 75	1 Jun 75	25	455	472	21 Apr 76	8 May 76
7	131	148	2 Jun 75	19 Jun 75	26	473	490	9 May 76	26 May 76
8	149	188	20 Jun 75	7 Jul 75	27	491	508	27 May 76	13 Jun 76
9	167	184	8 Jul 75	25 Jul 75	28	509	526	14 Jun 76	1 Jul 76
10	185	202	26 Jul 75	12 Aug 75	29	527	544	2 Jul 76	19 Jul 76
11	203	220	13 Aug 75	30 Aug 75	30	545	562	20 Jul 76	6 Aug 76
12	221	238	31 Aug 75	17 Sep 75	31	563	580	7 Aug 76	24 Aug 76
13	239	256	18 Sep 75	5 Oct 75	32	581	598	25 Aug 76	11 Sep 76
14	257	274	6 Oct 75	23 Oct 75	33	599	616	12 Sep 76	29 Sep 76
15	275	292	24 Oct 75	10 Nov 75	34	617	634	30 Sep 76	17 Oct 76
16	293	310	11 Nov 75	28 Nov 75	35	635	652	18 Oct 76	4 Nov 76
17	311	328	29 Nov 75	16 Dec 75	36	653	670	5 Nov 76	22 Nov 76
18	329	346	17 Dec 75	3 Jan 76	37	671	688	23 Nov 76	10 Dec 76

0013

SECTION 4

LANDSAT 1 COVERAGE

0015

THERE WAS NO LANDSAT 1 IMAGERY ACQUIRED DURING DECEMBER.

SECTION 5

LANDSAT 2 COVERAGE

LANDSAT 2
OBSERVATION ID LISTING

21:13 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

PAGE 0020

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2653-16425	00000/0000	2-10025/0001	11/05/76	10	9105	5005N	09952W	20.5	154.3		GGGG	
2653-16432	00000/0000	2-10025/0002	11/05/76	20	9105	4840N	10030W	21.6	153.6		GGGG	
2653-16434	00000/0000	2-10025/0003	11/05/76	10	9105	4716N	10106W	22.7	152.8		GGGG	
2653-16441	00000/0000	2-10025/0004	11/05/76	10	9105	4551N	10141W	23.8	152.1		GGGG	
2653-16443	00000/0000	2-10025/0005	11/05/76	10	9105	4426N	10214W	24.9	151.3		GGGG	
2653-16450	00000/0000	2-10025/0006	11/05/76	40	9105	4301N	10246W	26.0	150.5		GGGG	
2653-16452	00000/0000	2-10025/0007	11/05/76	10	9105	4136N	10317W	27.1	149.8		GGGG	
2653-16455	00000/0000	2-10025/0008	11/05/76	10	9105	4011N	10347W	28.1	149.0		GGGG	
2653-16461	00000/0000	2-10025/0009	11/05/76	10	9105	3845N	10416W	29.2	148.2		GGGG	
2653-16464	00000/0000	2-10025/0010	11/05/76	10	9105	3719N	10444W	30.3	147.4		GGGG	
2653-16470	00000/0000	2-10025/0011	11/05/76	10	9105	3554N	10511W	31.3	146.6		GGGG	
2653-16473	00000/0000	2-10025/0012	11/05/76	0	9105	3429N	10538W	32.3	145.8		GGGG	
2653-16475	00000/0000	2-10025/0013	11/05/76	0	9105	3304N	10604W	33.3	144.9		GGGG	
2653-16482	00000/0000	2-10025/0014	11/05/76	0	9105	3138N	10629W	34.4	144.1		GGGG	
2653-16484	00000/0000	2-10025/0015	11/05/76	0	9105	3012N	10654W	35.4	143.2		GGGG	
2654-16483	00000/0000	2-10025/0016	11/06/76	20	9119	5008N	10117W	20.2	154.4		FGGG	
2654-16490	00000/0000	2-10025/0017	11/06/76	40	9119	4843N	10155W	21.3	153.7		FGGG	
2654-16492	00000/0000	2-10025/0018	11/06/76	20	9119	4719N	10232W	22.4	152.9		GGGG	
2654-16495	00000/0000	2-10025/0019	11/06/76	60	9119	4554N	10307W	23.5	152.2		GGGG	
2654-16501	00000/0000	2-10025/0020	11/06/76	10	9119	4430N	10342W	24.6	151.4		GGGG	
2654-16504	00000/0000	2-10025/0021	11/06/76	20	9119	4304N	10413W	25.7	150.7		GGGG	
2654-16510	00000/0000	2-10025/0022	11/06/76	30	9119	4137N	10443W	26.7	149.9		GGGG	
2654-16513	00000/0000	2-10025/0023	11/06/76	60	9119	4012N	10513W	27.8	149.2		GGGG	
2654-16515	00000/0000	2-10025/0024	11/06/76	30	9119	3848N	10542W	28.9	148.4		GGGG	
2654-16522	00000/0000	2-10025/0025	11/06/76	0	9119	3722N	10610W	29.9	147.6		GGGG	
2654-16524	00000/0000	2-10025/0026	11/06/76	0	9119	3556N	10637W	31.0	146.8		GGGG	
2654-16531	00000/0000	2-10025/0027	11/06/76	0	9119	3431N	10703W	32.0	146.0		GGGG	
2654-16533	00000/0000	2-10025/0028	11/06/76	0	9119	3305N	10729W	33.0	145.1		GGGG	
2654-16540	00000/0000	2-10025/0029	11/06/76	0	9119	3139N	10754W	34.1	144.3		GGGG	
2654-16542	00000/0000	2-10025/0030	11/06/76	0	9119	3014N	10818W	35.1	143.4		GGGG	
2655-15133	00000/0000	2-10025/0042	11/07/76	50	9132	4138N	08011W	26.5	150.0		GGGG	
2655-15140	00000/0000	2-10025/0043	11/07/76	10	9132	4013N	08048W	27.6	149.3		GGGG	
2655-15142	00000/0000	2-10025/0044	11/07/76	30	9132	3848N	08117W	28.6	148.5		GGGG	
2655-15145	00000/0000	2-10025/0045	11/07/76	30	9132	3722N	08145W	29.7	147.7		GGGG	
2655-15151	00000/0000	2-10025/0046	11/07/76	20	9132	3557N	08212W	30.7	146.9		GGGG	
2655-15154	00000/0000	2-10025/0047	11/07/76	10	9132	3432N	08238W	31.8	146.1		GGGG	

KEYS: CLOUD COVER % 0 TO 100 % CLOUD COVER.
 IMAGE QUALITY BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2655-15160	00000/0000	2-10025/0048	11/07/76	0	9132	3306N 08304W	32.8	145.3	GGGG		
2655-15163	00000/0000	2-10025/0049	11/07/76	10	9132	3140N 08329W	33.8	144.4	GGGG		
2655-15165	00000/0000	2-10025/0050	11/07/76	10	9132	3015N 08354W	34.8	143.5	GGGG		
2655-15172	00000/0000	2-10025/0051	11/07/76	20	9132	2849N 08419W	35.8	142.6	GGGG		
2655-15174	00000/0000	2-10025/0052	11/07/76	30	9132	2723N 08443W	36.8	141.7	GGGG		
2655-16544	00000/0000	2-10025/0053	11/07/76	20	9133	4842N 10322W	21.0	153.7	GGGG		
2655-16551	00000/0000	2-10025/0054	11/07/76	10	9133	4717N 10359W	22.1	153.0	GGGG		
2655-16553	00000/0000	2-10025/0055	11/07/76	0	9133	4553N 10434W	23.2	152.3	GGGG		
2655-16560	00000/0000	2-10025/0056	11/07/76	0	9133	4428N 10507W	24.3	151.5	GGGG		
2655-16562	00000/0000	2-10025/0057	11/07/76	0	9133	4303N 10538W	25.4	150.8	GGGG		
2655-16565	00000/0000	2-10025/0058	11/07/76	0	9133	4138N 10609W	26.5	150.0	GGGG		
2655-16571	00000/0000	2-10025/0059	11/07/76	0	9133	4013N 10639W	27.6	149.3	GGGG		
2655-16574	00000/0000	2-10025/0060	11/07/76	0	9133	3848N 10708W	28.6	148.5	GGGG		
2655-16580	00000/0000	2-10025/0061	11/07/76	10	9133	3722N 10736W	29.7	147.7	GGGG		
2655-16583	00000/0000	2-10025/0062	11/07/76	0	9133	3556N 10804W	30.7	146.9	GGGG		
2655-16585	00000/0000	2-10025/0063	11/07/76	0	9133	3431N 10830W	31.8	146.1	GGGG		
2655-16592	00000/0000	2-10025/0064	11/07/76	0	9133	3305N 10855W	32.8	145.3	GGGG		
2655-16594	00000/0000	2-10025/0065	11/07/76	0	9133	3139N 10920W	33.8	144.4	GGGG		
2655-17001	00000/0000	2-10025/0066	11/07/76	0	9133	3013N 10944W	34.8	143.5	GGGG		
2656-15171	00000/0000	2-10025/0084	11/08/76	90	9146	4842N 07858W	20.7	153.8	GGGG		
2656-15173	00000/0000	2-10025/0085	11/08/76	50	9146	4717N 07934W	21.8	153.1	GGGG		
2656-15180	00000/0000	2-10025/0086	11/08/76	20	9146	4552N 08009W	22.9	152.3	GGGG		
2656-15182	00000/0000	2-10025/0087	11/08/76	60	9146	4428N 08042W	24.0	151.6	GGGG		
2656-15185	00000/0000	2-10025/0088	11/08/76	60	9146	4303N 08114W	25.1	150.9	GGGG		
2656-15191	00000/0000	2-10025/0089	11/08/76	60	9146	4138N 08145W	26.2	150.1	GGGG		
2656-15194	00000/0000	2-10025/0090	11/08/76	50	9146	4013N 08214W	27.3	149.4	GGGG		
2656-15200	00000/0000	2-10025/0091	11/08/76	50	9146	3847N 08244W	28.4	148.6	GGGG		
2656-15203	00000/0000	2-10025/0092	11/08/76	40	9146	3722N 08312W	29.4	147.8	GGGG		
2656-15205	00000/0000	2-10025/0093	11/08/76	0	9146	3556N 08339W	30.5	147.0	GGGG		
2656-15212	00000/0000	2-10025/0094	11/08/76	0	9146	3431N 08406W	31.5	146.2	GGGG		
2656-15214	00000/0000	2-10025/0095	11/08/76	0	9146	3305N 08432W	32.5	145.4	GGGG		
2656-15221	00000/0000	2-10025/0096	11/08/76	0	9146	3139N 08458W	33.6	144.6	GGGG		
2656-15223	00000/0000	2-10025/0097	11/08/76	0	9146	3013N 08523W	34.6	143.7	GGGG		
2656-15230	00000/0000	2-10025/0098	11/08/76	0	9146	2847N 08547W	35.6	142.8	GGGG		
2656-15232	00000/0000	2-10025/0099	11/08/76	10	9146	2721N 08610W	36.5	141.9	GGGG		
2656-17000	00000/0000	2-10025/0100	11/08/76	10	9147	5008N 10406W	19.6	154.5	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	MSS MSS DATA	MSS MSS IMAGE GAIN
										123	45678	MODE
2656-17002	00000/0000	2-10025/0101	11/08/76	10	9147	4843N	10444W	20.7	153.8	GGGG		
2656-17005	00000/0000	2-10025/0102	11/08/76	90	9147	4718N	10521W	21.8	153.1	GGGG		
2656-17011	00000/0000	2-10025/0103	11/08/76	90	9147	4553N	10556W	22.9	152.3	GGGG		
2656-17014	00000/0000	2-10025/0104	11/08/76	60	9147	4428N	10630W	24.0	151.6	GGGG		
2656-17020	00000/0000	2-10025/0105	11/08/76	20	9147	4302N	10702W	25.1	150.9	GGGG		
2656-17023	00000/0000	2-10025/0106	11/08/76	70	9147	4138N	10733W	26.2	150.1	GGGG		
2656-17025	00000/0000	2-10025/0107	11/08/76	40	9147	4012N	10803W	27.3	149.4	GGGG		
2656-17032	00000/0000	2-10025/0108	11/08/76	10	9147	3847N	10832W	28.3	148.6	GGGG		
2656-17034	00000/0000	2-10025/0109	11/08/76	0	9147	3721N	10900W	29.4	147.8	GGGG		
2656-17050	00000/0000	2-10025/0110	11/08/76	0	9147	3305N	11021W	32.5	145.4	GGGG		
2656-17052	00000/0000	2-10025/0111	11/08/76	0	9147	3139N	11046W	33.5	144.6	GGGG		
2656-17055	00000/0000	2-10025/0112	11/08/76	0	9147	3013N	11111W	34.5	143.7	GGGG		
2657-15240	00000/0000	2-10025/0129	11/09/76	100	9160	4428N	08208W	23.8	151.7	GFGG		
2657-15243	00000/0000	2-10025/0130	11/09/76	90	9160	4303N	08241W	24.9	150.9	GGGG		
2657-15245	00000/0000	2-10025/0131	11/09/76	30	9160	4137N	08311W	26.0	150.2	GGGG		
2657-15252	00000/0000	2-10025/0132	11/09/76	10	9160	4011N	08341W	27.0	149.5	GGGG		
2657-15254	00000/0000	2-10025/0133	11/09/76	0	9160	3846N	08410W	28.1	148.7	GGGG		
2657-15261	00000/0000	2-10025/0134	11/09/76	40	9160	3721N	08438W	29.2	147.9	GGGG		
2657-15263	00000/0000	2-10025/0135	11/09/76	40	9160	3556N	08505W	30.2	147.2	GGGG		
2657-15270	00000/0000	2-10025/0136	11/09/76	20	9160	3430N	08532W	31.3	146.4	GGGG		
2657-15272	00000/0000	2-10025/0137	11/09/76	10	9160	3304N	08559W	32.3	145.5	GGGG		
2657-15275	00000/0000	2-10025/0138	11/09/76	0	9160	3139N	08624W	33.3	144.7	GGGG		
2657-15281	00000/0000	2-10025/0139	11/09/76	10	9160	3014N	08649W	34.3	143.8	GGGG		
2657-15284	00000/0000	2-10025/0140	11/09/76	10	9160	2848N	08712W	35.3	143.0	GGGG		
2657-15290	00000/0000	2-10025/0141	11/09/76	10	9160	2722N	08736W	36.3	142.0	GGGG		
2657-17054	00000/0000	2-10025/0114	11/09/76	10	9161	5006N	10535W	19.3	154.6	GGGG		
2657-17061	00000/0000	2-10025/0115	11/09/76	10	9161	4841N	10613W	20.4	153.9	GGGG		
2657-17063	00000/0000	2-10025/0116	11/09/76	0	9161	4717N	10650W	21.6	153.1	GGGG		
2657-17070	00000/0000	2-10025/0117	11/09/76	10	9161	4552N	10725W	22.7	152.4	GGGG		
2657-17072	00000/0000	2-10025/0118	11/09/76	30	9161	4427N	10758W	23.8	151.7	GGGG		
2657-17075	00000/0000	2-10025/0119	11/09/76	40	9161	4302N	10830W	24.9	150.9	GGGG		
2657-17081	00000/0000	2-10025/0120	11/09/76	30	9161	4138N	10900W	25.9	150.2	GGGG		
2657-17084	00000/0000	2-10025/0121	11/09/76	10	9161	4012N	10930W	27.0	149.5	GGGG		
2657-17090	00000/0000	2-10025/0122	11/09/76	10	9161	3847N	10959W	28.1	148.7	GGGG		
2657-17093	00000/0000	2-10025/0123	11/09/76	0	9161	3721N	11028W	29.1	147.9	GGGG		
2657-17095	00000/0000	2-10025/0124	11/09/76	0	9161	3556N	11056W	30.2	147.2	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
FOR CONTIGUOUS US
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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLCUD COVER	SBBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2657-17102	00000/0000	2-10025/0125	11/09/76	0	9161	3430N	11123W	31.2	146.4	GGGG	
2657-17104	00000/0000	2-10025/0126	11/09/76	0	9161	3305N	11149W	32.3	145.5	GGGG	
2657-17111	00000/0000	2-10025/0127	11/09/76	0	9161	3139N	11214W	33.3	144.7	GGGG	
2657-17113	00000/0000	2-10025/0128	11/09/76	0	9161	3014N	11239W	34.3	143.8	GGGG	
2658-15292	00000/0000	2-10025/0162	11/10/76	50	9174	4552N	08302W	22.4	152.5	GGGG	
2658-15295	00000/0000	2-10025/0163	11/10/76	90	9174	4427N	08335W	23.5	151.7	GGGG	
2658-15301	00000/0000	2-10025/0164	11/10/76	90	9174	4301N	08407W	24.6	151.0	GGGG	
2658-15304	00000/0000	2-10025/0165	11/10/76	70	9174	4137N	08438W	25.7	150.3	GGGG	
2658-15310	00000/0000	2-10025/0166	11/10/76	50	9174	4011N	08508W	26.8	149.5	GGGG	
2658-15313	00000/0000	2-10025/0167	11/10/76	10	9174	3846N	08537W	27.8	148.8	GGGG	
2658-15315	00000/0000	2-10025/0168	11/10/76	0	9174	3721N	08605W	28.9	148.0	GGGG	
2658-15322	00000/0000	2-10025/0169	11/10/76	10	9174	3556N	08632W	30.0	147.3	GGGG	
2658-15324	00000/0000	2-10025/0170	11/10/76	10	9174	3430N	08659W	31.0	146.5	GGGG	
2658-15331	00000/0000	2-10025/0171	11/10/76	40	9174	3305N	08725W	32.0	145.7	GGGG	
2658-15333	00000/0000	2-10025/0172	11/10/76	50	9174	3139N	08750W	33.1	144.8	GGGG	
2658-15340	00000/0000	2-10025/0173	11/10/76	70	9174	3013N	08815W	34.1	144.0	GGGG	
2658-15342	00000/0000	2-10025/0174	11/10/76	90	9174	2848N	08839W	35.1	143.1	GGGG	
2658-15345	00000/0000	2-10025/0175	11/10/76	70	9174	2721N	08902W	36.0	142.2	GGGG	
2658-17112	00000/0000	2-10025/0142	11/10/76	70	9175	5005N	10701W	19.1	154.6	GGGG	
2658-17115	00000/0000	2-10025/0143	11/10/76	60	9175	4840N	10740W	20.2	153.9	GGGG	
2658-17121	00000/0000	2-10025/0144	11/10/76	10	9175	4715N	10816W	21.3	153.2	GGGG	
2658-17124	00000/0000	2-10025/0145	11/10/76	40	9175	4551N	10851W	22.4	152.5	GGGG	
2658-17130	00000/0000	2-10025/0146	11/10/76	90	9175	4426N	10924W	23.5	151.7	GGGG	
2658-17133	00000/0000	2-10025/0147	11/10/76	80	9175	4302N	10957W	24.6	151.0	GGGG	
2658-17135	00000/0000	2-10025/0148	11/10/76	70	9175	4137N	11028W	25.7	150.3	GGGG	
2658-17142	00000/0000	2-10025/0149	11/10/76	90	9175	4011N	11058W	26.8	149.5	GGGG	
2658-17144	00000/0000	2-10025/0150	11/10/76	80	9175	3846N	11127W	27.8	148.8	GGGG	
2658-17151	00000/0000	2-10025/0151	11/10/76	30	9175	3720N	11155W	28.9	148.0	GGGG	
2658-17153	00000/0000	2-10025/0152	11/10/76	10	9175	3555N	11222W	29.9	147.3	GGGG	
2658-17160	00000/0000	2-10025/0153	11/10/76	0	9175	3430N	11248W	31.0	146.5	GGGG	
2658-17162	00000/0000	2-10025/0154	11/10/76	0	9175	3304N	11314W	32.0	145.7	GGGG	
2658-17165	00000/0000	2-10025/0155	11/10/76	10	9175	3139N	11340W	33.0	144.8	GGGG	
2659-15350	00000/0000	2-10025/0205	11/11/76	80	9188	4555N	08426W	22.1	152.6	GGGG	
2659-15333	00000/0000	2-10025/0206	11/11/76	50	9188	4430N	08459W	23.2	151.8	GGGG	
2659-15355	00000/0000	2-10025/0207	11/11/76	40	9188	4305N	08531W	24.3	151.1	GGGG	
2659-15362	00000/0000	2-10025/0208	11/11/76	70	9188	4140N	08602W	25.4	150.4	GGGG	

KEYS: CLCUD COVER % 0 TO 100 * % CLCUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	POINT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS DATA 123 45678	MSS MODE	MSS IMAGE GAIN
2659-15364	00000/0000	2-10025/0209	11/11/76	30	9188	4015N	08632W	26.5	149.7	GGGG		
2659-15371	00000/0000	2-10025/0210	11/11/76	70	9188	3850N	08701W	27.5	148.9	GGGG		
2659-15373	00000/0000	2-10025/0211	11/11/76	90	9188	3725N	08730W	28.6	148.2	GGGG		
2659-15380	00000/0000	2-10025/0212	11/11/76	90	9188	3559N	08757W	29.7	147.4	GGGG		
2659-15382	00000/0000	2-10025/0213	11/11/76	90	9188	3433N	08824W	30.7	146.6	GGGG		
2659-15385	00000/0000	2-10025/0214	11/11/76	90	9188	3308N	08850W	31.7	145.8	GGGG		
2659-15391	00000/0000	2-10025/0215	11/11/76	90	9188	3142N	08915W	32.8	145.0	GGGG		
2659-15394	00000/0000	2-10025/0216	11/11/76	70	9188	3017N	08940W	33.8	144.2	GGGG		
2659-15400	00000/0000	2-10025/0217	11/11/76	30	9188	2850N	09003W	34.8	143.3	GGGG		
2659-17170	00000/0000	2-10025/0176	11/11/76	10	9189	5008N	10826W	18.7	154.7	GGGG		
2659-17173	00000/0000	2-10025/0177	11/11/76	10	9189	4844N	10904W	19.9	154.0	GGGG		
2659-17175	00000/0000	2-10025/0178	11/11/76	30	9189	4719N	10941W	21.0	153.3	GGGG		
2659-17182	00000/0000	2-10025/0179	11/11/76	30	9189	4554N	11016W	22.1	152.6	GGGG		
2659-17184	00000/0000	2-10025/0180	11/11/76	10	9189	4429N	11049W	23.2	151.8	GGGG		
2659-17191	00000/0000	2-10025/0181	11/11/76	0	9189	4304N	11122W	24.3	151.1	GGFG		
2659-17193	00000/0000	2-10025/0182	11/11/76	0	9189	4138N	11153W	25.4	150.4	GGFG		
2659-17200	00000/0000	2-10025/0183	11/11/76	0	9189	4013N	11223W	26.4	149.7	GGGG		
2659-17202	00000/0000	2-10025/0184	11/11/76	10	9189	3848N	11251W	27.5	148.9	GGGG		
2659-17205	00000/0000	2-10025/0185	11/11/76	10	9189	3724N	11319W	28.6	148.2	GGGG		
2659-17211	00000/0000	2-10025/0186	11/11/76	0	9189	3558N	11346W	29.6	147.4	GGGG		
2659-17214	00000/0000	2-10025/0187	11/11/76	10	9189	3433N	11412W	30.7	146.6	GGGG		
2659-17220	00000/0000	2-10025/0188	11/11/76	0	9189	3308N	11438W	31.7	145.8	GGGG		
2659-17223	00000/0000	2-10025/0189	11/11/76	10	9189	3142N	11504W	32.7	145.0	GGGG		
2660-15402	2-10025/1629	2-10025/0218	11/12/76	80	9202	4719N	08518W	20.7	153.3	GGG	GGG	
2660-15404	00000/0000	2-10025/0219	11/12/76	80	9202	4554N	08553W	21.8	152.6	GGGG		
2660-15411	00000/0000	2-10025/0220	11/12/76	70	9202	4429N	08626W	22.9	151.9	GGGG		
2660-15413	00000/0000	2-10025/0221	11/12/76	60	9202	4304N	08658W	24.0	151.2	GGGG		
2660-15420	2-10025/1630	2-10025/0222	11/12/76	20	9202	4139N	08730W	25.1	150.5	GGG	GGGG	
2660-15422	00000/0000	2-10025/0223	11/12/76	0	9202	4014N	08800W	26.2	149.7	GGGG		
2660-15423	2-10025/1631	00000/0000	11/12/76	10	9202	4009N	08758W	26.2	149.7	GGG		
2660-15425	2-10025/1632	2-10025/0224	11/12/76	0	9202	3849N	08828W	27.3	149.0	GGG	GGGG	
2660-15431	00000/0000	2-10025/0225	11/12/76	0	9202	3724N	08857W	28.3	148.3	GGGG		
2660-15432	2-10025/1633	00000/0000	11/12/76	0	9202	3719N	08855W	28.4	148.2	GGG		
2660-15434	2-10025/1634	2-10025/0226	11/12/76	0	9202	3559N	08924W	29.4	147.5	GGG	GGGG	
2660-15440	00000/0000	2-10025/0227	11/12/76	0	9202	3434N	08951W	30.4	146.7	GGGG		
2660-15441	2-10025/1635	00000/0000	11/12/76	10	9202	3429N	08949W	30.5	146.7	GGG		

KEYS: CLOUD COVER X 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
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FROM 12/01/76 TO 12/31/76

PAGE 0025

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN RBL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	
2660-15443	2-10025/1636	2-10025/0228	11/12/76	10	9202	3308N	09017W	31.5	145.9	GGG	GGGG	
2660-15445	00000/0000	2-10025/0229	11/12/76	30	9202	3142N	09042W	32.5	145.1		GGG	
2660-15452	00000/0000	2-10025/0230	11/12/76	50	9202	3016N	09106W	33.5	144.3		GGGG	
2660-15454	00000/0000	2-10025/0231	11/12/76	90	9202	2850N	09129W	34.5	143.4		GGGG	
2660-17225	00000/0000	2-10025/0232	11/12/76	0	9203	5008N	10951W	18.5	154.8		GGGG	
2660-17231	00000/0000	2-10025/0233	11/12/76	10	9203	4843N	11030W	19.6	154.0		GGGG	
2660-17234	00000/0000	2-10025/0234	11/12/76	10	9203	4718N	11106W	20.7	153.3		GGGG	
2660-17240	00000/0000	2-10025/0235	11/12/76	10	9203	4553N	11141W	21.8	152.6		GGGG	
2660-17243	00000/0000	2-10025/0236	11/12/76	10	9203	4428N	11214W	22.9	151.9		FFFG	
2660-17245	00000/0000	2-10025/0237	11/12/76	0	9203	4304N	11247W	24.0	151.2		GGGG	
2660-17252	00000/0000	2-10025/0238	11/12/76	10	9203	4139N	11318W	25.1	150.5		GGGG	
2660-17254	00000/0000	2-10025/0239	11/12/76	60	9203	4014N	11348W	26.2	149.7		FGGG	
2660-17261	00000/0000	2-10025/0240	11/12/76	50	9203	3848N	11417W	27.3	149.0		GGGG	
2660-17263	00000/0000	2-10025/0241	11/12/76	70	9203	3723N	11445W	28.3	148.3		GGGG	
2660-17270	00000/0000	2-10025/0242	11/12/76	90	9203	3557N	11513W	29.4	147.5		GGGG	
2660-17272	00000/0000	2-10025/0243	11/12/76	90	9203	3432N	11539W	30.4	146.7		GGGG	
2660-17275	00000/0000	2-10025/0244	11/12/76	90	9203	3306N	11605W	31.5	145.9		GGGG	
2660-17281	00000/0000	2-10025/0245	11/12/76	90	9203	3141N	11630W	32.5	145.1		GGGG	
2661-15460	00000/0000	2-10025/0267	11/13/76	70	9216	4718N	08642W	20.5	153.4		GGGG	
2661-15463	00000/0000	2-10025/0268	11/13/76	10	9216	4554N	08717W	21.6	152.7		GGGG	
2661-15465	00000/0000	2-10025/0269	11/13/76	0	9216	4428N	08751W	22.7	152.0		GGGG	
2661-15472	00000/0000	2-10025/0270	11/13/76	0	9216	4304N	08824W	23.8	151.2		GGGG	
2661-15474	00000/0000	2-10025/0271	11/13/76	0	9216	4139N	08855W	24.9	150.5		FGGG	
2661-15481	00000/0000	2-10025/0272	11/13/76	0	9216	4013N	08926W	25.9	149.8		GGGG	
2661-15483	00000/0000	2-10025/0273	11/13/76	60	9216	3848N	08955W	27.0	149.1		GGGF	
2661-15490	00000/0000	2-10025/0274	11/13/76	90	9216	3723N	09023W	28.1	148.3		GGGF	
2661-15492	00000/0000	2-10025/0275	11/13/76	80	9216	3557N	09050W	29.1	147.6		GGGF	
2661-15495	00000/0000	2-10025/0276	11/13/76	90	9216	3431N	09116W	30.2	146.8		GGGG	
2661-15501	00000/0000	2-10025/0277	11/13/76	90	9216	3306N	09142W	31.2	146.0		GGGG	
2661-15504	00000/0000	2-10025/0278	11/13/76	90	9216	3140N	09207W	32.3	145.2		GGGG	
2661-15510	00000/0000	2-10025/0279	11/13/76	90	9216	3014N	09231W	33.3	144.4		GGGG	
2661-15513	00000/0000	2-10025/0280	11/13/76	100	9216	2849N	09254W	34.3	143.6		GGGG	
2661-17283	00000/0000	2-10025/0283	11/13/76	10	9217	5006N	11117W	18.2	154.8		GGG	
2661-17285	00000/0000	2-10025/0284	11/13/76	10	9217	4841N	11154W	19.3	154.1		GGGG	
2661-17292	00000/0000	2-10025/0285	11/13/76	0	9217	4717N	11231W	20.4	153.4		GGGG	
2661-17294	00000/0000	2-10025/0286	11/13/76	0	9217	4553N	11306W	21.6	152.7		GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2661-17301	00000/0000	2-10025/0257	11/13/76	0	9217	4428N 11341W	22.7	152.0	GGGG		
2661-17303	00000/0000	2-10025/0258	11/13/76	0	9217	4304N 11414W	23.8	151.2	GGGG		
2661-17310	00000/0000	2-10025/0259	11/13/76	0	9217	4139N 11445W	24.8	150.5	GGGG		
2661-17312	00000/0000	2-10025/0260	11/13/76	10	9217	4014N 11515W	25.9	149.8	GGGG		
2661-17315	00000/0000	2-10025/0261	11/13/76	20	9217	3849N 11544W	27.0	149.1	GGGG		
2661-17321	00000/0000	2-10025/0262	11/13/76	10	9217	3723N 11612W	28.1	148.4	GGGG		
2661-17324	00000/0000	2-10025/0263	11/13/76	10	9217	3557N 11639W	29.1	147.6	GGGG		
2661-17330	00000/0000	2-10025/0264	11/13/76	10	9217	3432N 11706W	30.2	146.8	GGGG		
2661-17333	00000/0000	2-10025/0265	11/13/76	10	9217	3307N 11732W	31.2	146.0	GGGG		
2661-17335	00000/0000	2-10025/0266	11/13/76	20	9217	3140N 11757W	32.2	145.2	GGGG		
2662-15512	00000/0000	2-10025/0300	11/14/76	60	9230	4843N 08733W	19.1	154.1	GGGG		
2662-15514	00000/0000	2-10025/0301	11/14/76	10	9230	4718N 08810W	20.2	153.4	GGGG		
2662-15521	00000/0000	2-10025/0302	11/14/76	0	9230	4553N 08845W	21.3	152.7	GGGG		
2662-15523	00000/0000	2-10025/0303	11/14/76	0	9230	4428N 08919W	22.4	152.0	GGGG		
2662-15530	00000/0000	2-10025/0304	11/14/76	10	9230	4303N 08951W	23.5	151.3	GGGG		
2662-15532	00000/0000	2-10025/0305	11/14/76	0	9230	4138N 09022W	24.6	150.6	GGGG		
2662-15535	00000/0000	2-10025/0306	11/14/76	10	9230	4013N 09052W	25.7	149.9	GGGG		
2662-15541	00000/0000	2-10025/0307	11/14/76	10	9230	3848N 09121W	26.8	149.2	GGGG		
2662-15544	00000/0000	2-10025/0308	11/14/76	70	9230	3722N 09149W	27.8	148.4	GGGG		
2662-15550	00000/0000	2-10025/0291	11/14/76	100	9230	3557N 09216W	28.9	147.7	GGGG		
2662-15553	00000/0000	2-10025/0292	11/14/76	100	9230	3431N 09242W	29.9	146.9	GGGG		
2662-15555	00000/0000	2-10025/0293	11/14/76	100	9230	3306N 09308W	31.0	146.1	GGGG		
2662-15562	00000/0000	2-10025/0294	11/14/76	100	9230	3140N 09333W	32.0	145.3	GGGG		
2662-15564	00000/0000	2-10025/0295	11/14/76	100	9230	3014N 09358W	33.0	144.5	GGGG		
2662-15571	00000/0000	2-10025/0296	11/14/76	100	9230	2848N 09422W	34.0	143.7	GGGG		
2662-15573	00000/0000	2-10025/0297	11/14/76	100	9230	2723N 09445W	35.0	142.8	GGGG		
2662-15580	00000/0000	2-10025/0298	11/14/76	100	9230	2557N 09509W	36.0	141.9	GGGG		
2662-15582	00000/0000	2-10025/0299	11/14/76	100	9230	2431N 09531W	37.0	141.0	GGGG		
2662-17343	00000/0000	2-10025/0309	11/14/76	10	9231	4842N 11323W	19.1	154.1	GGGG		
2662-17350	00000/0000	2-10025/0310	11/14/76	20	9231	4717N 11359W	20.2	153.4	GGGG		
2662-17352	00000/0000	2-10025/0311	11/14/76	10	9231	4552N 11434W	21.3	152.7	GGGG		
2662-17355	00000/0000	2-10025/0312	11/14/76	40	9231	4428N 11508W	22.4	152.0	GGGG		
2662-17361	00000/0000	2-10025/0313	11/14/76	100	9231	4303N 11540W	23.5	151.3	GGGG		
2662-17364	00000/0000	2-10025/0314	11/14/76	90	9231	4138N 11611W	24.6	150.6	GGGG		
2662-17370	00000/0000	2-10025/0315	11/14/76	80	9231	4013N 11641W	25.7	149.9	GGGG		
2662-17373	00000/0000	2-10025/0316	11/14/76	90	9231	3848N 11710W	26.7	149.2	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
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FROM 12/01/76 TO 12/31/76

PAGE 0027

OBSERVATION ID	MICROFILM ROLL No./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2662-17375	00000/0000	2-10025/0317	11/14/76	60	9231 3723N	11738W	27.8 148.4	GGGG		
2662-17382	00000/0000	2-10025/0318	11/14/76	60	9231 3557N	11805W	28.9 147.7	GGGG		
2662-17384	00000/0000	2-10025/0319	11/14/76	80	9231 3431N	11831W	29.9 146.9	GGGG		
2662-17391	00000/0000	2-10025/0320	11/14/76	60	9231 3305N	11857W	31.0 146.1	GGGG		
2663-15573	00000/0000	2-10025/0327	11/15/76	30	9244 4718N	08937W	19.9 153.4	GGGG		
2663-15575	00000/0000	2-10025/0328	11/15/76	10	9244 4553N	09012W	21.1 152.7	GGG		
2663-15582	00000/0000	2-10025/0329	11/15/76	50	9244 4428N	09045W	22.2 152.1	FGGG		
2663-16005	00000/0000	2-10025/0330	11/15/76	90	9244 3557N	09343W	28.6 147.8	GGGG		
2663-16011	00000/0000	2-10025/0331	11/15/76	100	9244 3431N	09409W	29.7 147.0	GGGG		
2663-16014	00000/0000	2-10025/0332	11/15/76	100	9244 3305N	09435W	30.7 146.2	GGGG		
2663-16020	00000/0000	2-10025/0333	11/15/76	100	9244 3139N	09500W	31.8 145.4	GGGG		
2663-16023	00000/0000	2-10025/0334	11/15/76	90	9244 3013N	09525W	32.8 144.6	GGGG		
2663-16025	00000/0000	2-10025/0335	11/15/76	50	9244 2848N	09549W	33.8 143.8	GGGG		
2663-16032	00000/0000	2-10025/0336	11/15/76	70	9244 2722N	09613W	34.8 142.9	GGGG		
2663-16034	00000/0000	2-10025/0337	11/15/76	50	9244 2556N	09635W	35.8 142.0	GGGG		
2663-16041	00000/0000	2-10025/0338	11/15/76	70	9244 2429N	09659W	36.8 141.1	GGGG		
2663-17395	00000/0000	2-10025/0340	11/15/76	60	9245 5006N	11412W	17.7 154.9	GGGG		
2663-17402	00000/0000	2-10025/0341	11/15/76	60	9245 4842N	11450W	18.8 154.1	GGGG		
2663-17404	00000/0000	2-10025/0342	11/15/76	90	9245 4717N	11526W	19.9 153.4	GGGG		
2663-17411	00000/0000	2-10025/0343	11/15/76	70	9245 4552N	11601W	21.0 152.7	GGGG		
2663-17413	00000/0000	2-10025/0343	11/15/76	90	9245 4428N	11635W	22.1 152.1	GGGG		
2663-17420	00000/0000	2-10025/0344	11/15/76	90	9245 4303N	11707W	23.2 151.4	GGGG		
2663-17422	00000/0000	2-10025/0345	11/15/76	80	9245 4138N	11737W	24.3 150.7	GGGG		
2663-17425	00000/0000	2-10025/0346	11/15/76	40	9245 4012N	11808W	25.4 150.0	GGGG		
2663-17431	00000/0000	2-10025/0347	11/15/76	10	9245 3846N	11837W	26.5 149.2	GGGG		
2663-17434	00000/0000	2-10025/0348	11/15/76	40	9245 3721N	11905W	27.6 148.5	GGGG		
2663-17440	00000/0000	2-10025/0349	11/15/76	70	9245 3556N	11932W	28.6 147.8	GGGG		
2663-17443	00000/0000	2-10025/0350	11/15/76	40	9245 3430N	11958W	29.7 147.0	GGGG		
2664-14195	00000/0000	2-10025/0670	11/16/76	40	9257 4718N	06511W	19.7 153.5	GGGG		
2664-14202	00000/0000	2-10025/0671	11/16/76	20	9257 4553N	06546W	20.8 152.8	GGGG		
2664-14204	00000/0000	2-10025/0672	11/16/76	10	9257 4428N	06620W	21.9 152.1	FGGG		
2664-14211	00000/0000	2-10025/0673	11/16/76	70	9257 4303N	06652W	23.0 151.4	GGGG		
2664-16031	00000/0000	2-10025/0674	11/16/76	0	9258 4717N	09103W	19.7 153.5	FFFF		
2664-16033	00000/0000	2-10025/0675	11/16/76	0	9258 4553N	09138W	20.8 152.8	GGGG		
2664-16040	00000/0000	2-10025/0676	11/16/76	0	9258 4428N	09212W	21.9 152.1	GGG		
2664-16042	00000/0000	2-10025/0677	11/16/76	0	9258 4303N	09244W	23.0 151.4	GGGG		

KEYS: CLOUD COVER % 0 TO 100 * % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
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FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2664-16045	00000/0000	2-10025/0678	11/16/76	0	9258	4138N 09315W	24.1	150.7	GGGG		
2664-16051	00000/0000	2-10025/0679	11/16/76	0	9258	4012N 09345W	25.2	150.0	GGGG		
2664-16054	00000/0000	2-10025/0680	11/16/76	60	9258	3847N 09414W	26.3	149.3	GGG		
2664-16060	00000/0000	2-10025/0681	11/16/76	100	9258	3722N 09442W	27.3	148.6	GGGG		
2664-16063	00000/0000	2-10025/0682	11/16/76	100	9258	3557N 09509W	28.4	147.8	GGGG		
2664-16065	00000/0000	2-10025/0683	11/16/76	100	9258	3431N 09536W	29.5	147.1	GGGG		
2664-16072	00000/0000	2-10025/0684	11/16/76	100	9258	3305N 09601W	30.5	146.3	GGGG		
2664-16074	00000/0000	2-10025/0685	11/16/76	90	9258	3139N 09627W	31.5	145.5	GGGG		
2664-16081	00000/0000	2-10025/0686	11/16/76	90	9258	3013N 09651W	32.6	144.7	GGGG		
2664-16083	00000/0000	2-10025/0687	11/16/76	90	9258	2847N 09715W	33.6	143.9	GGGG		
2664-16090	00000/0000	2-10025/0688	11/16/76	90	9258	2721N 09739W	34.6	143.1	GGGG		
2664-16092	00000/0000	2-10025/0689	11/16/76	100	9258	2555N 09802W	35.6	142.2	GGGG		
2664-17460	00000/0000	2-10025/0394	11/16/76	50	9259	4842N 11615W	18.6	154.2	GGGG		
2664-17462	00000/0000	2-10025/0395	11/16/76	90	9259	4718N 11651W	19.7	153.5	GGGG		
2664-17466	00000/0000	2-10025/0396	11/16/76	80	9259	4552N 11726W	20.8	152.8	GGGG		
2664-17471	00000/0000	2-10025/0397	11/16/76	40	9259	4427N 11759W	21.9	152.1	GGGG		
2664-17474	00000/0000	2-10025/0398	11/16/76	60	9259	4303N 11831W	23.0	151.4	GGGG		
2664-17480	00000/0000	2-10025/0399	11/16/76	40	9259	4138N 11902W	24.1	150.7	GGGG		
2664-17483	00000/0000	2-10025/0400	11/16/76	30	9259	4012N 11932W	25.2	150.0	GGGG		
2664-17485	00000/0000	2-10025/0401	11/16/76	10	9259	3847N 12001W	26.3	149.3	GGGG		
2664-17492	00000/0000	2-10025/0402	11/16/76	20	9259	3721N 12029W	27.3	148.6	GGGG		
2664-17494	00000/0000	2-10025/0403	11/16/76	10	9259	3556N 12056W	28.4	147.8	GGGG		
2664-17501	00000/0000	2-10025/0404	11/16/76	10	9259	3430N 12123W	29.5	147.1	GGGG		
2665-14253	00000/0000	2-10025/0351	11/17/76	60	9271	4718N 06639W	19.5	153.5	GGGG		
2665-14260	00000/0000	2-10025/0352	11/17/76	10	9271	4552N 06714W	20.6	152.8	GG G		
2665-14262	00000/0000	2-10025/0353	11/17/76	10	9271	4427N 06748W	21.7	152.1	GG G		
2665-14265	00000/0000	2-10025/0354	11/17/76	20	9271	4302N 06820W	22.8	151.4	GGGG		
2665-14271	00000/0000	2-10025/0355	11/17/76	10	9271	4137N 06851W	23.9	150.8	GGGG		
2665-14274	00000/0000	2-10025/0356	11/17/76	20	9271	4012N 06921W	25.0	150.1	GGGG		
2665-16082	00000/0000	2-10025/0920	11/17/76	50	9272	4842N 09153W	18.3	154.2	GGGG		
2665-16085	00000/0000	2-10025/0921	11/17/76	60	9272	4717N 09229W	19.4	153.5	GGGF		
2665-16091	00000/0000	2-10025/0922	11/17/76	30	9272	4552N 09304W	20.6	152.8	GGGG		
2665-16094	00000/0000	2-10025/0923	11/17/76	10	9272	4427N 09337W	21.7	152.1	F GGG		
2665-16100	00000/0000	2-10025/0924	11/17/76	10	9272	4302N 09409W	22.8	151.4	F GGG		
2665-16103	00000/0000	2-10025/0915	11/17/76	20	9272	4136N 09440W	23.9	150.8	G GG		
2665-16105	00000/0000	2-10025/0916	11/17/76	10	9272	4012N 09510W	24.9	150.1	F GF		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS-BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
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FROM 12/01/76 TO 12/31/76

PAGE 0029

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2665-16112	00000/0000	2-10025/0917	11/17/76	0	9272	3847N	09539W	26.0	149.4	G GG		
2665-16114	00000/0000	2-10025/0918	11/17/76	40	9272	3722N	09606W	27.1	148.6	F GG		
2665-16121	00000/0000	2-10025/0919	11/17/76	80	9272	3556N	09633W	28.2	147.9	G GG		
2665-16123	00000/0000	2-10025/0925	11/17/76	90	9272	3430N	09700W	29.2	147.2	GGGG		
2665-16130	00000/0000	2-10025/0926	11/17/76	100	9272	3304N	09726W	30.3	146.4	GGGG		
2665-16132	00000/0000	2-10025/0927	11/17/76	100	9272	3139N	09751W	31.3	145.6	GGGG		
2665-16135	00000/0000	2-10025/0928	11/17/76	100	9272	3013N	09816W	32.3	144.8	GGGG		
2665-16141	00000/0000	2-10025/0929	11/17/76	100	9272	2846N	09840W	33.3	144.0	GGGG		
2665-16144	00000/0000	2-10025/0930	11/17/76	100	9272	2720N	09903W	34.3	143.2	GGGG		
2665-16150	00000/0000	2-10025/0931	11/17/76	100	9272	2555N	09927W	35.3	142.3	GGGG		
2665-17521	00000/0000	2-10025/0932	11/17/76	80	9273	4718N	11815W	19.4	153.5	GGGG		
2665-17523	00000/0000	2-10025/0933	11/17/76	70	9273	4553N	11850W	20.5	152.8	GGGG		
2665-17530	00000/0000	2-10025/0934	11/17/76	60	9273	4428N	11923W	21.6	152.1	GGGG		
2665-17532	00000/0000	2-10025/0935	11/17/76	10	9273	4303N	11955W	22.7	151.4	GGGG		
2665-17535	00000/0000	2-10025/0936	11/17/76	10	9273	4138N	12026W	23.8	150.8	GGGG		
2665-17541	00000/0000	2-10025/0937	11/17/76	10	9273	4013N	12056W	24.9	150.1	GGGG		
2665-17544	00000/0000	2-10025/0938	11/17/76	30	9273	3847N	12126W	26.0	149.4	GGGG		
2665-17550	00000/0000	2-10025/0939	11/17/76	40	9273	3721N	12154W	27.1	148.6	GGGG		
2665-17553	00000/0000	2-10025/0940	11/17/76	50	9273	3555N	12222W	28.1	147.9	GGGG		
2665-17555	00000/0000	2-10025/0941	11/17/76	90	9273	3430N	12248W	29.2	147.2	GGGG		
2666-14330	00000/0000	2-10025/0357	11/18/76	70	9285	4137N	07018W	23.6	150.8	GGGG		
2666-14332	00000/0000	2-10025/0358	11/18/76	50	9285	4012N	07047W	24.7	150.1	GGGG		
2666-14335	00000/0000	2-10025/0359	11/18/76	80	9285	3847N	07116W	25.8	149.4	GGGG		
2666-14341	00000/0000	2-10025/0360	11/18/76	80	9285	3722N	07144W	26.9	148.7	GGGG		
2666-14344	00000/0000	2-10025/0361	11/18/76	50	9285	3556N	07211W	27.9	148.0	GGGG		
2666-16141	00000/0000	2-10025/0366	11/18/76	50	9286	4842N	09319W	18.1	154.2	GGGG		
2666-16143	00000/0000	2-10025/0367	11/18/76	10	9286	4717N	09355W	19.2	153.5	GGGG		
2666-16150	00000/0000	2-10025/0368	11/18/76	20	9286	4552N	09430W	20.3	152.8	GGGG		
2666-16152	00000/0000	2-10025/0369	11/18/76	60	9286	4427N	09503W	21.4	152.2	GGGG		
2666-16155	00000/0000	2-10025/0370	11/18/76	30	9286	4302N	09535W	22.5	151.5	GGGG		
2666-16161	00000/0000	2-10025/0371	11/18/76	10	9286	4137N	09606W	23.6	150.8	GGGG		
2666-16164	00000/0000	2-10025/0372	11/18/76	0	9286	4012N	09636W	24.7	150.1	GGGG		
2666-16170	00000/0000	2-10025/0373	11/18/76	0	9286	3847N	09705W	25.8	149.4	GGGG		
2666-16173	00000/0000	2-10025/0374	11/18/76	0	9286	3721N	09733W	26.9	148.7	GGGG		
2666-16175	00000/0000	2-10025/0375	11/18/76	10	9286	3555N	09800W	27.9	148.0	GGGG		
2666-16182	00000/0000	2-10025/0376	11/18/76	30	9286	3429N	09827W	29.0	147.2	GGGG		

KEYS: CLOUD COVER X 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLE MSB	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
										123 45678		
2666-16184	00000/0000	2-10025/0377	11/18/76	70	9286	3304N	09853W	30.0	146.5	GGGG		
2666-16191	00000/0000	2-10025/0378	11/18/76	60	9286	3139N	09918W	31.1	145.7	GGGG		
2666-16193	00000/0000	2-10025/0379	11/18/76	80	9286	3013N	09942W	32.1	144.9	GGGG		
2666-16200	00000/0000	2-10025/0362	11/18/76	100	9286	2847N	10005W	33.1	144.1	G GG		
2666-16202	00000/0000	2-10025/0363	11/18/76	100	9286	2721N	10029W	34.1	143.3	G GG		
2666-16205	00000/0000	2-10025/0380	11/18/76	100	9286	2556N	10052W	35.1	142.4	GGGG		
2666-17572	00000/0000	2-10025/0381	11/18/76	70	9287	4845N	11904W	18.0	154.2	GGGG		
2666-17575	00000/0000	2-10025/0382	11/18/76	10	9287	4721N	11940W	19.1	153.5	GGGG		
2666-17581	00000/0000	2-10025/0383	11/18/76	10	9287	4556N	12015W	20.3	152.9	GGGG		
2666-17584	00000/0000	2-10025/0384	11/18/76	40	9287	4430N	12049W	21.4	152.2	GGGG		
2666-17590	00000/0000	2-10025/0385	11/18/76	20	9287	4305N	12122W	22.5	151.5	GGGG		
2666-17593	00000/0000	2-10025/0386	11/18/76	20	9287	4140N	12153W	23.6	150.8	GGGG		
2666-17595	00000/0000	2-10025/0387	11/18/76	30	9287	4015N	12224W	24.6	150.1	GGGG		
2666-18002	00000/0000	2-10025/0364	11/18/76	50	9287	3850N	12253W	25.7	149.4	G GG		
2666-18004	00000/0000	2-10025/0365	11/18/76	70	9287	3724N	12321W	26.8	148.7	G GG		
2666-18011	00000/0000	2-10025/0388	11/18/76	90	9287	3559N	12348W	27.9	148.0	GGGG		
2667-14370	00000/0000	2-10025/0409	11/19/76	100	9299	4720N	06929W	18.9	153.6	FGGG		
2667-14372	00000/0000	2-10025/0410	11/19/76	90	9299	4555N	07004W	20.0	152.9	GGGG		
2667-14375	00000/0000	2-10025/0411	11/19/76	80	9299	4431N	07037W	21.2	152.2	GGGG		
2667-14381	00000/0000	2-10025/0412	11/19/76	30	9299	4306N	07109W	22.3	151.5	GGGG		
2667-14384	00000/0000	2-10025/0413	11/19/76	0	9299	4141N	07140W	23.4	150.9	FFGG		
2667-14390	00000/0000	2-10025/0414	11/19/76	10	9299	4015N	07210W	24.4	150.2	GGGG		
2667-16195	00000/0000	2-10025/0441	11/19/76	90	9300	4844N	09444W	17.8	154.2	GGGG		
2667-16201	00000/0000	2-10025/0442	11/19/76	50	9300	4719N	09520W	18.9	153.6	GGGG		
2667-16204	00000/0000	2-10025/0443	11/19/76	10	9300	4555N	09555W	20.0	152.9	FGGG		
2667-16210	00000/0000	2-10025/0444	11/19/76	40	9300	4430N	09629W	21.1	152.2	PGGG		
2667-16213	00000/0000	2-10025/0445	11/19/76	70	9300	4305N	09701W	22.2	151.5	GGGG		
2667-16215	00000/0000	2-10025/0446	11/19/76	90	9300	4139N	09732W	23.3	150.9	GGGG		
2667-16222	00000/0000	2-10025/0447	11/19/76	40	9300	4015N	09802W	24.4	150.2	GGGG		
2667-16224	00000/0000	2-10025/0448	11/19/76	0	9300	3850N	09831W	25.5	149.5	GGGG		
2667-16231	00000/0000	2-10025/0449	11/19/76	0	9300	3725N	09859W	26.6	148.8	FGGG		
2667-16233	00000/0000	2-10025/0450	11/19/76	10	9300	3558N	09926W	27.6	148.1	GGFG		
2667-16240	00000/0000	2-10025/0451	11/19/76	50	9300	3432N	09953W	28.7	147.3	GGGG		
2667-16242	00000/0000	2-10025/0452	11/19/76	80	9300	3307N	10018W	29.8	146.6	GGGG		
2667-16245	00000/0000	2-10025/0453	11/19/76	50	9300	3141N	10044W	30.8	145.8	GGGG		
2667-16251	00000/0000	2-10025/0454	11/19/76	40	9300	3016N	10109W	31.8	145.0	GGGG		

KEYS: CLOUD COVER % 0 TO 100 * % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

2113 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

PAGE 0031

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2667-18030	00000/0000	2-10025/0455	11/19/76	10	9301	4845N 12031W	17.8	154.2	GGGG		
2667-18033	00000/0000	2-10025/0456	11/19/76	70	9301	4720N 12107W	18.9	153.6	GGGG		
2667-18035	00000/0000	2-10025/0457	11/19/76	70	9301	4555N 12142W	20.0	152.9	GGGG		
2667-18042	00000/0000	2-10025/0458	11/19/76	50	9301	4430N 12216W	21.1	152.2	GGGG		
2667-18044	00000/0000	2-10025/0459	11/19/76	30	9301	4305N 12248W	22.2	151.5	GGGG		
2667-18051	00000/0000	2-10025/0460	11/19/76	20	9301	4139N 12320W	23.3	150.9	GGGG		
2667-18053	00000/0000	2-10025/0464	11/19/76	10	9301	4014N 12350W	24.4	150.2	GGGG		
2667-18060	00000/0000	2-10025/0461	11/19/76	10	9301	3849N 12419W	25.5	149.5	GGGG		
2667-18062	00000/0000	2-10025/0462	11/19/76	10	9301	3724N 12447W	26.6	148.8	GGGG		
2667-18065	00000/0000	2-10025/0463	11/19/76	20	9301	3559N 12514W	27.6	148.1	GGGG		
2668-14424	00000/0000	2-10025/0423	11/20/76	70	9313	4720N 07058W	18.7	153.6	GGGG		
2668-14430	00000/0000	2-10025/0424	11/20/76	90	9313	4555N 07133W	19.8	152.9	GGGG		
2668-14433	00000/0000	2-10025/0425	11/20/76	90	9313	4430N 07206W	20.9	152.2	GGGG		
2668-14435	00000/0000	2-10025/0426	11/20/76	80	9313	4305N 07237W	22.0	151.6	GGGG		
2668-14442	00000/0000	2-10025/0427	11/20/76	70	9313	4140N 07302W	23.1	150.9	GGGG		
2668-14444	00000/0000	2-10025/0428	11/20/76	60	9313	4015N 07338W	24.2	150.2	GGGG		
2668-14451	00000/0000	2-10025/0429	11/20/76	30	9313	3849N 07407W	25.3	149.5	GGGG		
2668-14453	00000/0000	2-10025/0430	11/20/76	40	9313	3723N 07435W	26.4	148.8	GGGG		
2668-14460	00000/0000	2-10025/0431	11/20/76	50	9313	3558N 07503W	27.4	148.1	GGGG		
2668-14462	00000/0000	2-10025/0432	11/20/76	90	9313	3433N 07529W	28.5	147.4	GGGG		
2668-14465	00000/0000	2-10025/0433	11/20/76	100	9313	3307N 07555W	29.5	146.6	GGGG		
2668-14471	00000/0000	2-10025/0434	11/20/76	100	9313	3141N 07620W	30.6	145.9	GGGG		
2668-14474	00000/0000	2-10025/0435	11/20/76	90	9313	3016N 07645W	31.6	145.1	GGGG		
2668-14480	00000/0000	2-10025/0436	11/20/76	90	9313	2850N 07708W	32.6	144.3	GGGG		
2668-14483	00000/0000	2-10025/0437	11/20/76	70	9313	2724N 07732W	33.6	143.5	GGGG		
2668-16253	00000/0000	2-10025/0465	11/20/76	90	9314	4844N 09611W	17.6	154.2	GGGG		
2668-16255	00000/0000	2-10025/0466	11/20/76	90	9314	4719N 09648W	18.7	153.6	GGGG		
2668-16262	00000/0000	2-10025/0467	11/20/76	50	9314	4554N 09723W	19.8	152.9	GGGG		
2668-16264	00000/0000	2-10025/0468	11/20/76	10	9314	4429N 09757W	20.9	152.2	GGGG		
2668-16271	00000/0000	2-10025/0469	11/20/76	30	9314	4304N 09829W	22.0	151.6	GGGG		
2668-16273	00000/0000	2-10025/0470	11/20/76	90	9314	4139N 09859W	23.1	150.9	GGGG		
2668-16280	00000/0000	2-10025/0471	11/20/76	90	9314	4014N 09929W	24.2	150.2	GGGG		
2668-16282	00000/0000	2-10025/0472	11/20/76	70	9314	3849N 09958W	25.3	149.5	GGGG		
2668-16285	00000/0000	2-10025/0473	11/20/76	20	9314	3723N 10026W	26.4	148.8	GGGG		
2668-16291	00000/0000	2-10025/0474	11/20/76	0	9314	3558N 10053W	27.4	148.1	GGGG		
2668-16294	00000/0000	2-10025/0475	11/20/76	0	9314	3433N 10119W	28.5	147.4	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

21113 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2668-16300	00000/0000	2-10025/0476	11/20/76	0	9314	3307N 10145W	29.5	146.6	GGPG		
2668-16303	00000/0000	2-10025/0477	11/20/76	0	9314	3141N 10210W	30.6	145.9	GGG		
2668-16305	00000/0000	2-10025/0478	11/20/76	0	9314	3015N 10235W	31.6	145.1	GGGG		
2668-16312	00000/0000	2-10025/0479	11/20/76	10	9314	2849N 10259W	32.6	144.3	FGGG		
2668-16314	00000/0000	2-10025/0480	11/20/76	10	9314	2723N 10323W	33.6	143.5	GGGG		
2668-18085	00000/0000	2-10025/0415	11/20/76	20	9315	4844N 12158W	17.6	154.2	GGGG		
2668-18091	00000/0000	2-10025/0416	11/20/76	40	9315	4719N 12234W	18.7	153.6	GGGG		
2668-18094	00000/0000	2-10025/0417	11/20/76	70	9315	4554N 12309W	19.8	152.9	GGGG		
2668-18100	00000/0000	2-10025/0418	11/20/76	40	9315	4430N 12342W	20.9	152.2	GGGG		
2668-18103	00000/0000	2-10025/0419	11/20/76	40	9315	4304N 12415W	22.0	151.6	GGGP		
2668-18105	00000/0000	2-10025/0420	11/20/76	60	9315	4139N 12446W	23.1	150.9	GGGG		
2668-18112	00000/0000	2-10025/0421	11/20/76	70	9315	4014N 12516W	24.2	150.2	GGGG		
2668-18114	00000/0000	2-10025/0422	11/20/76	70	9315	3848N 12545W	25.3	149.5	GGGG		
2669-14491	00000/0000	2-10025/0507	11/21/76	50	9327	4429N 07332W	20.7	152.2	GGGG		
2669-14494	00000/0000	2-10025/0508	11/21/76	40	9327	4304N 07405W	21.8	151.6	GGGG		
2669-14505	00000/0000	2-10025/0509	11/21/76	40	9327	3848N 07534W	25.1	149.5	GGGG		
2669-14512	00000/0000	2-10025/0510	11/21/76	10	9327	3723N 07603W	26.1	148.8	GGGG		
2669-14514	00000/0000	2-10025/0511	11/21/76	10	9327	3558N 07630W	27.2	148.1	GGGG		
2669-14521	00000/0000	2-10025/0512	11/21/76	50	9327	3432N 07656W	28.3	147.4	GGGG		
2669-14523	00000/0000	2-10025/0513	11/21/76	90	9327	3306N 07722W	29.3	146.7	GGGG		
2669-14530	00000/0000	2-10025/0514	11/21/76	100	9327	3141N 07747W	30.4	145.9	GGGG		
2669-14532	00000/0000	2-10025/0515	11/21/76	90	9327	3015N 07812W	31.4	145.2	GGGG		
2669-14535	00000/0000	2-10025/0516	11/21/76	80	9327	2849N 07836W	32.4	144.4	GGGG		
2669-14541	00000/0000	2-10025/0517	11/21/76	70	9327	2723N 07859W	33.4	143.5	GGGG		
2669-14544	00000/0000	2-10025/0518	11/21/76	80	9327	2557N 07923W	34.4	142.7	GGGG		
2669-14550	00000/0000	2-10025/0519	11/21/76	40	9327	2430N 07946W	35.4	141.8	GGGG		
2669-16305	00000/0000	2-10025/0481	11/21/76	100	9328	5008N 09658W	16.2	154.9	FGGG		
2669-16311	00000/0000	2-10025/0482	11/21/76	100	9328	4844N 09736W	17.3	154.2	GGGG		
2669-16314	00000/0000	2-10025/0483	11/21/76	90	9328	4719N 09813W	18.5	153.6	FGGG		
2669-16320	00000/0000	2-10025/0484	11/21/76	90	9328	4554N 09848W	19.6	152.9	FGGG		
2669-16323	00000/0000	2-10025/0485	11/21/76	80	9328	4430N 09921W	20.7	152.2	GGGG		
2669-16325	00000/0000	2-10025/0486	11/21/76	70	9328	4304N 09953W	21.8	151.6	GGGG		
2669-16332	00000/0000	2-10025/0487	11/21/76	50	9328	4139N 10024W	22.9	150.9	FGGG		
2669-16334	00000/0000	2-10025/0488	11/21/76	0	9328	4014N 10054W	24.0	150.2	GGGG		
2669-16341	00000/0000	2-10025/0489	11/21/76	0	9328	3848N 10123W	25.1	149.5	GGGG		
2669-16343	00000/0000	2-10025/0490	11/21/76	40	9328	3722N 10151W	26.1	148.8	GGGG		

KEYS: CLOUD COVER * 0 TO 100 * X CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
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OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2669-16350	00000/0000	2-10025/0491	11/21/76	90	9328	3557N 10218W	27.2	148.1	GGGG		
2669-16352	00000/0000	2-10025/0492	11/21/76	100	9328	3431N 10244W	28.3	147.4	GGGG		
2669-16355	00000/0000	2-10025/0493	11/21/76	100	9328	3306N 10310W	29.3	146.7	GGGG		
2669-16361	00000/0000	2-10025/0494	11/21/76	90	9328	3140N 10335W	30.4	145.9	GGGG		
2669-16364	00000/0000	2-10025/0495	11/21/76	50	9328	3014N 10359W	31.4	145.2	GGGG		
2669-16370	00000/0000	2-10025/0496	11/21/76	10	9328	2848N 10423W	32.4	144.4	GGGG		
2669-16373	00000/0000	2-10025/0497	11/21/76	0	9328	2723N 10446W	33.4	143.5	GGGG		
2669-18140	00000/0000	2-10025/0498	11/21/76	90	9329	5007N 12247W	16.2	154.9	GGGG		
2669-18143	00000/0000	2-10025/0499	11/21/76	90	9329	4842N 12325W	17.3	154.2	GGGG		
2669-18145	00000/0000	2-10025/0500	11/21/76	70	9329	4718N 12402W	18.5	153.6	GGGG		
2670-14540	00000/0000	2-10025/0523	11/22/76	70	9341	4718N 07351W	18.3	153.6	GGGG		
2670-14543	00000/0000	2-10025/0524	11/22/76	80	9341	4553N 07425W	19.4	152.9	GGGG		
2670-14545	00000/0000	2-10025/0525	11/22/76	80	9341	4429N 07458W	20.5	152.2	GGGG		
2670-14552	00000/0000	2-10025/0526	11/22/76	80	9341	4303N 07531W	21.6	151.6	GGGG		
2670-14554	00000/0000	2-10025/0527	11/22/76	50	9341	4138N 07602W	22.7	150.9	GGGG		
2670-14561	00000/0000	2-10025/0528	11/22/76	50	9341	4013N 07631W	23.8	150.2	GGGG		
2670-14563	00000/0000	2-10025/0529	11/22/76	40	9341	3848N 07700W	24.9	149.4	GGGG		
2670-14570	00000/0000	2-10025/0530	11/22/76	30	9341	3723N 07728W	25.9	148.9	GGGG		
2670-14572	00000/0000	2-10025/0531	11/22/76	10	9341	3557N 07756W	27.0	148.2	GGGG		
2670-14575	00000/0000	2-10025/0532	11/22/76	0	9341	3431N 07823W	28.1	147.5	GGGG		
2670-14581	00000/0000	2-10025/0533	11/22/76	10	9341	3305N 07849W	29.1	146.7	GGGG		
2670-14584	00000/0000	2-10025/0534	11/22/76	20	9341	3139N 07915W	30.2	146.0	GGGG		
2670-14590	00000/0000	2-10025/0535	11/22/76	30	9341	3013N 07939W	31.2	145.2	GGGG		
2670-14593	00000/0000	2-10025/0536	11/22/76	30	9341	2847N 08003W	32.2	144.4	GGGG		
2670-14595	00000/0000	2-10025/0537	11/22/76	40	9341	2722N 08026W	33.2	143.6	GGGG		
2670-15002	00000/0000	2-10025/0539	11/22/76	90	9341	2556N 08049W	34.2	142.8	GG		H
2670-15004	00000/0000	2-10025/0538	11/22/76	80	9341	2430N 08112W	35.2	141.9	GGGG		H
2670-16363	00000/0000	2-10025/0545	11/22/76	70	9342	5008N 09824W	16.0	154.9	F		
2670-16365	00000/0000	2-10025/0546	11/22/76	30	9342	4843N 09902W	17.1	154.2	GGGG		
2670-16372	00000/0000	2-10025/0547	11/22/76	40	9342	4719N 09939W	18.2	153.6	GGGG		
2670-16374	00000/0000	2-10025/0548	11/22/76	80	9342	4554N 10014W	19.4	152.9	GGGG		
2670-16381	00000/0000	2-10025/0549	11/22/76	100	9342	4423N 10047W	20.5	152.2	GGGG		
2670-16383	00000/0000	2-10025/0550	11/22/76	90	9342	4304N 10119W	21.6	151.6	GGGG		
2670-16390	00000/0000	2-10025/0551	11/22/76	70	9342	4138N 10150W	22.7	150.9	GGGG		
2670-16392	00000/0000	2-10025/0552	11/22/76	60	9342	4013N 10220W	23.8	150.2	GGGG		
2670-16395	00000/0000	2-10025/0553	11/22/76	70	9342	3848N 10249W	24.8	149.6	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	MSS	DATE ACQUIRED	CLOUD COVER	BRBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	POINT LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	MSS MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2670-16401	00000/0000	2-10025/0554	11/22/76	10	9342	3722N	10316W	25.9	148.9	GGGG			
2670-16404	00000/0000	2-10025/0555	11/22/76	40	9342	3557N	10343W	27.0	148.2	GGGG			
2670-16410	00000/0000	2-10025/0556	11/22/76	10	9342	3431N	10410W	28.0	147.5	GGGG			
2670-16413	00000/0000	2-10025/0557	11/22/76	20	9342	3305N	10436W	29.1	146.7	GGGG			
2670-16415	00000/0000	2-10025/0558	11/22/76	10	9342	3139N	10502W	30.1	146.0	GGGG			
2670-16422	00000/0000	2-10025/0559	11/22/76	10	9342	3013N	10526W	31.2	145.2	GGGG			
2670-16424	00000/0000	2-10025/0560	11/22/76	20	9342	2847N	10550W	32.2	144.4	GGGG			
2671-15001	00000/0000	2-10025/0622	11/23/76	90	9355	4556N	07548W	19.1	152.9	GGGG			
2671-15003	00000/0000	2-10025/0623	11/23/76	70	9355	4431N	07622W	20.2	152.3	GGGG			
2671-15010	00000/0000	2-10025/0624	11/23/76	80	9355	4306N	07654W	21.3	151.6	GGGG			
2671-15012	00000/0000	2-10025/0625	11/23/76	80	9355	4141N	07725W	22.4	150.9	GGGG			
2671-15015	00000/0000	2-10025/0626	11/23/76	40	9355	4015N	07755W	23.5	150.3	GGGG			
2671-15021	00000/0000	2-10025/0627	11/23/76	30	9355	3850N	07824W	24.6	149.6	GGGG			
2671-15024	00000/0000	2-10025/0628	11/23/76	40	9355	3725N	07852W	25.7	148.9	GGGG			
2671-15030	00000/0000	2-10025/0629	11/23/76	10	9355	3559N	07919W	26.8	148.2	GGGG			
2671-15033	00000/0000	2-10025/0630	11/23/76	0	9355	3434N	07946W	27.8	147.5	GGGG			
2671-15035	00000/0000	2-10025/0631	11/23/76	10	9355	3308N	08012W	28.9	146.8	GGGG			
2671-15042	00000/0000	2-10025/0632	11/23/76	10	9355	3142N	08037W	29.9	146.0	GGGG			
2671-15044	00000/0000	2-10025/0633	11/23/76	10	9355	3016N	08102W	30.9	145.3	GGGG			
2671-15051	00000/0000	2-10025/0634	11/23/76	10	9355	2850N	08126W	32.0	144.5	GGGG			
2671-15053	00000/0000	2-10025/0635	11/23/76	10	9355	2724N	08150W	33.0	143.7	GGGG			
2671-15060	00000/0000	2-10025/0636	11/23/76	30	9355	2558N	08213W	34.0	142.9	GGGG			
2671-15062	00000/0000	2-10025/0637	11/23/76	70	9355	2432N	08236W	35.0	142.0	GGGG			
2671-16421	00000/0000	2-10025/0561	11/23/76	90	9356	5010N	09949W	15.7	154.9	GGGG			
2671-16423	00000/0000	2-10025/0562	11/23/76	90	9356	4845N	10027W	16.9	154.2	GGGG			
2671-16430	00000/0000	2-10025/0563	11/23/76	90	9356	4721N	10104W	18.0	153.6	GGGG			
2671-16432	00000/0000	2-10025/0564	11/23/76	70	9356	4556N	10139W	19.1	152.9	GGGG			
2671-16435	00000/0000	2-10025/0565	11/23/76	10	9356	4431N	10212W	20.2	152.3	GGGG			
2671-16441	00000/0000	2-10025/0566	11/23/76	10	9356	4306N	10244W	21.3	151.6	GGGG			
2671-16444	00000/0000	2-10025/0567	11/23/76	10	9356	4140N	10315W	22.4	150.9	GGGG			
2671-16450	00000/0000	2-10025/0568	11/23/76	10	9356	4015N	10345W	23.5	150.3	GGGG			
2671-16453	00000/0000	2-10025/0569	11/23/76	10	9356	3850N	10414W	24.6	149.6	GGGG			
2671-16455	00000/0000	2-10025/0570	11/23/76	0	9356	3724N	10442W	25.7	148.9	GGGG			
2671-16462	00000/0000	2-10025/0571	11/23/76	0	9356	3558N	10509W	26.7	148.2	GGGG			
2671-16464	00000/0000	2-10025/0572	11/23/76	0	9356	3433N	10536W	27.8	147.5	GGGG			
2671-16471	00000/0000	2-10025/0573	11/23/76	0	9356	3307N	10601W	28.9	146.8	GGGG			

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
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OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL R9V MSS DATA 123 45678	MSS MODE	MSS IMAGE GAIN
2671-16473	00000/0000	2-10025/0574	11/23/76	10	9356	3142N	10625W	29.9	146.0	FGGG	
2671-16480	00000/0000	2-10025/0575	11/23/76	40	9356	3016N	10650W	30.9	145.3	GGGG	
2672-15062	00000/0000	2-10025/0578	11/24/76	80	9369	4430N	07748W	20.0	152.3	GGGG	
2672-15064	00000/0000	2-10025/0579	11/24/76	60	9369	4305N	07820W	21.1	151.6	GGGG	
2672-15071	00000/0000	2-10025/0580	11/24/76	60	9369	4140N	07851W	22.2	150.9	GGGG	
2672-15073	00000/0000	2-10025/0581	11/24/76	90	9369	4015N	07921W	23.3	150.3	GGGG	
2672-15080	00000/0000	2-10025/0582	11/24/76	100	9369	3849N	07950W	24.4	149.6	GGGG	
2672-15082	00000/0000	2-10025/0583	11/24/76	90	9369	3724N	08018W	25.5	148.9	GGGG	
2672-15085	00000/0000	2-10025/0584	11/24/76	60	9369	3558N	08046W	26.5	148.2	GGGG	
2672-15091	00000/0000	2-10025/0585	11/24/76	30	9369	3432N	08113W	27.6	147.5	GGGG	
2672-15094	00000/0000	2-10025/0586	11/24/76	10	9369	3306N	08139W	28.7	146.8	GGGG	
2672-15105	00000/0000	2-10025/0587	11/24/76	40	9369	2849N	08253W	31.8	144.5	GGGG	
2672-15112	00000/0000	2-10025/0588	11/24/76	10	9369	2723N	08316W	32.8	143.7	GGGG	
2672-16475	00000/0000	2-10025/0592	11/24/76	50	9370	5009N	10117W	15.5	154.9	GGGG	
2672-16482	00000/0000	2-10025/0593	11/24/76	70	9370	4844N	10155W	16.7	154.2	GGGG	
2672-16484	00000/0000	2-10025/0594	11/24/76	70	9370	4719N	10231W	17.8	153.6	GGGG	
2672-16491	00000/0000	2-10025/0595	11/24/76	60	9370	4554N	10306W	18.9	152.9	GGGG	
2672-16493	00000/0000	2-10025/0596	11/24/76	10	9370	4429N	10340W	20.0	152.3	GGGG	
2672-16500	00000/0000	2-10025/0597	11/24/76	10	9370	4304N	10412W	21.1	151.6	GGGG	
2672-16502	00000/0000	2-10025/0598	11/24/76	10	9370	4139N	10442W	22.2	150.9	GGGG	
2672-16505	00000/0000	2-10025/0599	11/24/76	10	9370	4013N	10512W	23.3	150.3	GGGG	
2672-16511	00000/0000	2-10025/0600	11/24/76	10	9370	3849N	10541W	24.4	149.6	GGGG	
2672-16514	00000/0000	2-10025/0601	11/24/76	0	9370	3724N	10609W	25.5	148.9	GGGG	
2672-16520	00000/0000	2-10025/0602	11/24/76	0	9370	3558N	10636W	26.5	148.2	GGGG	
2672-16523	00000/0000	2-10025/0603	11/24/76	0	9370	3432N	10703W	27.6	147.5	GGGG	
2672-16525	00000/0000	2-10025/0604	11/24/76	10	9370	3307N	10728W	28.7	146.8	GGGG	
2672-16532	00000/0000	2-10025/0605	11/24/76	40	9370	3142N	10753W	29.7	146.1	GGGG	
2672-16534	00000/0000	2-10025/0606	11/24/76	60	9370	3016N	10818W	30.7	145.3	GGGG	
2673-15104	00000/0000	2-10025/0640	11/25/76	30	9383	4844N	07731W	16.5	154.2	GGGG	
2673-15111	00000/0000	2-10025/0641	11/25/76	20	9383	4720N	07806W	17.6	153.5	GGGG	
2673-15113	00000/0000	2-10025/0642	11/25/76	90	9383	4555N	07840W	18.7	152.9	GGGG	
2673-15120	00000/0000	2-10025/0643	11/25/76	90	9383	4430N	07914W	19.8	152.2	GGGG	
2673-15122	00000/0000	2-10025/0644	11/25/76	100	9383	4305N	07946W	20.9	151.6	GGGG	
2673-15125	00000/0000	2-10025/0645	11/25/76	60	9383	4139N	08017W	22.0	150.9	GGGG	
2673-15131	00000/0000	2-10025/0646	11/25/76	90	9383	4014N	08047W	23.1	150.3	GGGG	
2673-15134	00000/0000	2-10025/0647	11/25/76	60	9383	3848N	08117W	24.2	149.6	GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
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OBSERVATION ID	MICROFILM POSITION R3V	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	POINT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL R3V MSS	MSS DATA MODE	MSS IMAGE GAIN
2673-15140	00000/0000	2-10025/0648	11/25/76	30	9383	3723N	08145W	25.3	148.9	GGGG		
2673-15143	00000/0000	2-10025/0649	11/25/76	20	9383	3557N	08213W	26.4	148.2	FFFF		
2673-15145	00000/0000	2-10025/0650	11/25/76	0	9383	3432N	08239W	27.4	147.5	FFFF		
2673-15154	00000/0000	2-10025/0651	11/25/76	20	9383	3140N	08330W	29.5	146.1	GGGG		
2673-15161	00000/0000	2-10025/0652	11/25/76	10	9383	3015N	08354W	30.5	145.3	GGGG		
2673-15163	00000/0000	2-10025/0653	11/25/76	10	9383	2849N	08418W	31.6	144.6	GGGG		
2673-15170	00000/0000	2-10025/0654	11/25/76	30	9383	2723N	08442W	32.6	143.8	GGGG		
2673-16533	00000/0000	2-10025/0607	11/25/76	10	9384	5009N	10243W	15.3	154.9	GGGG		
2673-16540	00000/0000	2-10025/0608	11/25/76	40	9384	4844N	10321W	16.5	154.2	GGGG		
2673-16542	00000/0000	2-10025/0609	11/25/76	90	9384	4719N	10358W	17.6	153.5	GGGG		
2673-16545	00000/0000	2-10025/0610	11/25/76	80	9384	4554N	10432W	18.7	152.9	GGGG		
2673-16551	00000/0000	2-10025/0611	11/25/76	70	9384	4428N	10506W	19.8	152.2	GGGG		
2673-16554	00000/0000	2-10025/0612	11/25/76	50	9384	4303N	10537W	20.9	151.6	GGGG		
2673-16560	00000/0000	2-10025/0613	11/25/76	40	9384	4138N	10609W	22.0	150.9	GGGG		
2673-16563	00000/0000	2-10025/0614	11/25/76	30	9384	4013N	10639W	23.1	150.3	GGGG		
2673-16565	00000/0000	2-10025/0615	11/25/76	10	9384	3848N	10708W	24.2	149.6	GGGG		
2673-16572	00000/0000	2-10025/0616	11/25/76	0	9384	3723N	10736W	25.3	148.9	GGGG		
2673-16574	00000/0000	2-10025/0617	11/25/76	0	9384	3557N	10803W	26.3	148.2	GGGG		
2673-16581	00000/0000	2-10025/0618	11/25/76	0	9384	3432N	10830W	27.4	147.5	GGGG		
2673-16583	00000/0000	2-10025/0619	11/25/76	0	9384	3305N	10856W	28.5	146.8	GGGG		
2673-16590	00000/0000	2-10025/0620	11/25/76	10	9384	3140N	10921W	29.5	146.1	GGGG		
2673-16592	00000/0000	2-10025/0621	11/25/76	10	9384	3015N	10946W	30.5	145.4	GGGG		
2674-15183	00000/0000	2-10025/0638	11/26/76	90	9397	4142N	08143W	21.8	151.0	GGGG		
2674-15185	00000/0000	2-10025/0639	11/26/76	90	9397	4016N	08213W	22.9	150.3	GGGG		
2674-16594	00000/0000	2-10025/0656	11/26/76	40	9398	4846N	10444W	16.2	154.2	GGGG		
2674-17000	00000/0000	2-10025/0657	11/26/76	40	9398	4722N	10521W	17.4	153.5	GGGG		
2674-17003	00000/0000	2-10025/0658	11/26/76	50	9398	4557N	10556W	18.5	152.9	GGGG		
2674-17005	00000/0000	2-10025/0659	11/26/76	80	9398	4432N	10629W	19.6	152.2	GGGG		
2674-17012	00000/0000	2-10025/0655	11/26/76	70	9398	4306N	10701W	20.7	151.6	GGGG		
2674-17014	00000/0000	2-10025/0660	11/26/76	70	9398	4141N	10732W	21.8	150.9	GGGG		
2674-17021	00000/0000	2-10025/0661	11/26/76	70	9398	4015N	10802W	22.9	150.3	GGGG		
2674-17023	00000/0000	2-10025/0662	11/26/76	40	9398	3850N	10831W	24.0	149.6	GGGG		
2674-17030	00000/0000	2-10025/0663	11/26/76	60	9398	3725N	10859W	25.0	149.0	GGGG		
2674-17032	00000/0000	2-10025/0664	11/26/76	20	9398	3559N	10927W	26.1	148.3	GGGG		
2674-17035	00000/0000	2-10025/0665	11/26/76	0	9398	3433N	10953W	27.2	147.6	GGGG		
2674-17041	00000/0000	2-10025/0666	11/26/76	0	9398	3308N	11019W	28.2	146.9	GGGG		

KEYS: CLOUD COVER X 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
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OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN
2674-17044	00000/0000	2-10025/0667	11/26/76	0	9398	3142N	11044W	29.3	146.1	GGGG	
2674-17050	00000/0000	2-10025/0668	11/26/76	10	9398	3016N	11109W	30.3	145.4	GGGG	
2675-15230	00000/0000	2-10025/0690	11/27/76	70	9411	4555N	08134W	18.3	152.9	GGGG	
2675-15232	00000/0000	2-10025/0691	11/27/76	80	9411	4430N	08207W	19.4	152.2	GGGG	
2675-15235	00000/0000	2-10025/0692	11/27/76	90	9411	4305N	08239W	20.8	151.6	GGGG	
2675-15241	00000/0000	2-10025/0693	11/27/76	80	9411	4141N	08310W	21.6	150.9	GGGG	
2675-15244	00000/0000	2-10025/0694	11/27/76	80	9411	4015N	08340W	22.7	150.3	GGGG	
2675-15250	00000/0000	2-10025/0695	11/27/76	60	9411	3850N	08409W	23.8	149.6	GGGG	
2675-15253	00000/0000	2-10025/0696	11/27/76	50	9411	3724N	08437W	24.9	149.0	GGGG	
2675-15255	00000/0000	2-10025/0697	11/27/76	50	9411	3558N	08505W	25.9	148.3	GGGG	
2675-15262	00000/0000	2-10025/0698	11/27/76	70	9411	3432N	08531W	27.0	147.6	GGGG	
2675-15264	00000/0000	2-10025/0699	11/27/76	80	9411	3307N	08557W	28.0	146.9	GGGG	
2675-15271	00000/0000	2-10025/0700	11/27/76	90	9411	3141N	08623W	29.1	146.2	GGGG	
2675-15273	00000/0000	2-10025/0701	11/27/76	90	9411	3015N	08648W	30.1	145.4	GGGG	
2675-15280	00000/0000	2-10025/0702	11/27/76	90	9411	2849N	08712W	31.2	144.7	GGGG	
2675-15282	00000/0000	2-10025/0703	11/27/76	70	9411	2723N	08736W	32.2	143.9	GGGG	
2675-17050	00000/0000	2-10025/0190	11/27/76	40	9412	5010N	10533W	14.9	154.8	GGGG	
2675-17052	00000/0000	2-10025/0191	11/27/76	20	9412	4845N	10611W	16.0	154.2	GGGG	
2675-17055	00000/0000	2-10025/0192	11/27/76	10	9412	4720N	10647W	17.2	153.5	GGGG	
2675-17061	00000/0000	2-10025/0193	11/27/76	10	9412	4555N	10722W	18.3	152.9	GGGG	
2675-17064	00000/0000	2-10025/0194	11/27/76	10	9412	4431N	10756W	19.4	152.2	GGGG	
2675-17070	00000/0000	2-10025/0195	11/27/76	10	9412	4306N	10828W	20.5	151.6	GGGG	
2675-17073	00000/0000	2-10025/0196	11/27/76	10	9412	4140N	10858W	21.6	150.9	GGGG	
2675-17075	00000/0000	2-10025/0197	11/27/76	10	9412	4015N	10928W	22.7	150.3	GGGG	
2675-17082	00000/0000	2-10025/0198	11/27/76	10	9412	3850N	10957W	23.8	149.6	GGGG	
2675-17084	00000/0000	2-10025/0199	11/27/76	10	9412	3724N	11025W	24.8	149.0	GGGG	
2675-17091	00000/0000	2-10025/0200	11/27/76	30	9412	3559N	11052W	25.9	148.3	GGGG	
2675-17093	00000/0000	2-10025/0201	11/27/76	50	9412	3433N	11118W	27.0	147.6	GGGG	
2675-17100	00000/0000	2-10025/0202	11/27/76	70	9412	3307N	11144W	28.0	146.9	GGGG	
2675-17102	00000/0000	2-10025/0203	11/27/76	70	9412	3141N	11209W	29.1	146.2	GGGG	
2675-17105	00000/0000	2-10025/0204	11/27/76	90	9412	3016N	11234W	30.1	145.4	GGGG	
2676-15281	00000/0000	2-10025/0704	11/28/76	40	9425	4723N	08223W	16.9	153.5	GGGG	
2676-15284	00000/0000	2-10025/0705	11/28/76	50	9425	4558N	08259W	18.1	152.9	GGGG	
2676-15290	00000/0000	2-10025/0706	11/28/76	40	9425	4433N	08332W	19.2	152.2	GGGG	
2676-15293	00000/0000	2-10025/0707	11/28/76	40	9425	4308N	08405W	20.3	151.6	GGGG	
2676-15295	00000/0000	2-10025/0708	11/28/76	60	9425	4143N	08435W	21.4	150.9	GGGG	

KEYS: CLOUD COVER % 0 TO 100 * % CLOUD COVER.
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OBSERVATION ID LISTING
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FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN
2676-15302	00000/0000	2-10025/0709	11/28/76	80	9425	4018N 08505W	22.5	150.3	GGGG	
2676-15304	00000/0000	2-10025/0710	11/28/76	90	9425	3853N 08533W	23.5	149.6	GGGG	
2676-15311	00000/0000	2-10025/0711	11/28/76	90	9425	3728N 08601W	24.6	149.0	GGGG	
2676-15313	00000/0000	2-10025/0712	11/28/76	90	9425	3602N 08628W	25.7	148.3	GGGG	
2676-15320	00000/0000	2-10025/0713	11/28/76	90	9425	3436N 08655W	26.8	147.6	GGGG	
2676-15322	00000/0000	2-10025/0714	11/28/76	90	9425	3310N 08721W	27.8	146.9	GGGG	
2676-15325	00000/0000	2-10025/0715	11/28/76	90	9425	3144N 08746W	28.9	146.2	GGGG	
2676-15331	00000/0000	2-10025/0716	11/28/76	90	9425	3018N 08811W	29.9	145.5	GGGG	
2676-15334	00000/0000	2-10025/0717	11/28/76	80	9425	2852N 08835W	30.9	144.7	GGGG	
2676-15340	00000/0000	2-10025/0718	11/28/76	50	9425	2726N 08900W	31.9	143.9	GGGG	
2676-17110	00000/0000	2-10025/0720	11/28/76	70	9426	4847N 10735W	15.8	154.2	GGGG	
2676-17113	00000/0000	2-10025/0721	11/28/76	90	9426	4723N 10812W	16.9	153.5	GGGG	
2676-17116	00000/0000	2-10025/0722	11/28/76	100	9426	4559N 10847W	18.0	152.9	G	
2676-17122	00000/0000	2-10025/0723	11/28/76	80	9426	4434N 10920W	19.2	152.2	GGGG	
2676-17124	00000/0000	2-10025/0724	11/28/76	60	9426	4308N 10953W	20.3	151.6	GGGG	
2676-17131	00000/0000	2-10025/0725	11/28/76	70	9426	4142N 11024W	21.4	150.9	GGGG	
2676-17133	00000/0000	2-10025/0719	11/28/76	30	9426	4016N 11054W	22.4	150.3	G GG	
2676-17140	00000/0000	2-10025/0726	11/28/76	0	9426	3851N 11122W	23.5	149.6	GGG	
2676-17142	00000/0000	2-10025/0727	11/28/76	10	9426	3726N 11150W	24.6	149.0	GGG	
2676-17145	00000/0000	2-10025/0728	11/28/76	10	9426	3601N 11218W	25.7	148.3	GG	
2676-17151	00000/0000	2-10025/0729	11/28/76	0	9426	3436N 11244W	26.7	147.6	GG	
2676-17154	00000/0000	2-10025/0730	11/28/76	0	9426	3310N 11310W	27.8	146.9	G G	
2676-17160	00000/0000	2-10025/0731	11/28/76	10	9426	3144N 11335W	28.9	146.2	GGG	
2676-17163	00000/0000	2-10025/0732	11/28/76	10	9426	3018N 11400W	29.9	145.5	GGFF	
2677-15333	00000/0000	2-10025/0738	11/29/76	20	9439	4847N 08314W	15.6	154.1	GGGG	
2677-15335	00000/0000	2-10025/0739	11/29/76	20	9439	4722N 08350W	16.8	153.5	GGGG	
2677-15342	00000/0000	2-10025/0740	11/29/76	30	9439	4557N 08425W	17.9	152.8	GGGG	
2677-15344	00000/0000	2-10025/0741	11/29/76	20	9439	4432N 08459W	19.0	152.2	GGGG	
2677-15351	00000/0000	2-10025/0742	11/29/76	60	9439	4307N 08531W	20.1	151.6	GGGG	
2677-15353	00000/0000	2-10025/0743	11/29/76	40	9439	4141N 08602W	21.2	150.9	GGGG	
2677-15360	00000/0000	2-10025/0744	11/29/76	40	9439	4016N 08632W	22.3	150.3	GGGG	
2677-15362	00000/0000	2-10025/0745	11/29/76	40	9439	3851N 08702W	23.4	149.6	GGGG	
2677-15365	00000/0000	2-10025/0746	11/29/76	20	9439	3725N 08730W	24.4	149.0	GGGG	
2677-15371	00000/0000	2-10025/0747	11/29/76	10	9439	3559N 08758W	25.5	148.3	GGGG	
2677-15374	00000/0000	2-10025/0748	11/29/76	10	9439	3433N 08824W	26.6	147.6	GGGG	
2677-15380	00000/0000	2-10025/0749	11/29/76	20	9439	3308N 08849W	27.6	146.9	GGGG	

KEYS: CLOUD COVER X 0 TO 100, % CLOUD COVER.
 IMAGE QUALITY (BLANK)=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
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OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	POINT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2677-15383	00000/0000	2-10025/0750	11/29/76	30	9439	3143N	08915W	28.7	146.2	GGGG		
2677-15385	00000/0000	2-10025/0751	11/29/76	50	9439	3017N	08939W	29.7	145.5	GFGG		
2677-15392	00000/0000	2-10025/0752	11/29/76	70	9439	2851N	09004W	30.7	144.7	GFGG		
2677-17164	00000/0000	2-10025/0753	11/29/76	90	9440	4847N	10902W	15.6	155.1	GGGG		
2677-17171	00000/0000	2-10025/0754	11/29/76	90	9440	4722N	10939W	16.8	153.5	GGGG		
2677-17173	00000/0000	2-10025/0755	11/29/76	90	9440	4557N	11014W	17.9	152.8	GGGG		
2677-17180	00000/0000	2-10025/0756	11/29/76	90	9440	4432N	11048W	19.0	152.2	GGGG		
2677-17182	00000/0000	2-10025/0757	11/29/76	40	9440	4308N	11120W	20.1	151.6	GGGG		
2677-17185	00000/0000	2-10025/0758	11/29/76	10	9440	4142N	11150W	21.2	150.9	GGGG		
2677-17191	00000/0000	2-10025/0759	11/29/76	20	9440	4016N	11220W	22.3	150.3	GGGG		
2677-17194	00000/0000	2-10025/0760	11/29/76	0	9440	3850N	11249W	23.4	149.6	GGFG		
2677-17200	00000/0000	2-10025/0761	11/29/76	0	9440	3725N	11317W	24.4	149.0	GGGG		
2677-17203	00000/0000	2-10025/0762	11/29/76	0	9440	3600N	11345W	25.5	148.3	GFGG		
2677-17205	00000/0000	2-10025/0763	11/29/76	0	9440	3434N	11411W	26.6	147.6	GGGG		
2677-17212	00000/0000	2-10025/0764	11/29/76	0	9440	3308N	11437W	27.6	146.9	GGGG		
2677-17214	00000/0000	2-10025/0765	11/29/76	0	9440	3142N	11502W	28.7	146.2	GGFG		
2678-15391	2-10025/1637	2-10025/0790	11/30/76	10	9453	4846N	08439W	15.4	154.1	GGG	GGGG	
2678-15393	2-10025/1638	00000/0000	11/30/76	50	9453	4724N	08511W	16.5	153.5	GGG		
2678-15394	00000/0000	2-10025/0791	11/30/76	50	9453	4721N	08516W	16.6	153.4		GGGG	
2678-15400	00000/0000	2-10025/0792	11/30/76	40	9453	4557N	08551W	17.7	152.8		GGGG	
2678-15403	00000/0000	2-10025/0793	11/30/76	50	9453	4432N	08624W	19.2	151.9		GGGG	
2678-15405	00000/0000	2-10025/0794	11/30/76	60	9453	4307N	08657W	19.9	151.5		GGGG	
2678-15411	2-10025/1639	00000/0000	11/30/76	30	9453	4144N	08723W	21.0	150.9	GGG		
2678-15412	00000/0000	2-10025/0795	11/30/76	20	9453	4141N	08728W	21.0	150.9		GGGG	
2678-15414	2-10025/1640	2-10025/0796	11/30/76	10	9453	4016N	08758W	22.1	150.3	GGG	GGGG	
2678-15420	2-10025/1641	00000/0000	11/30/76	10	9453	3853N	08822W	23.1	149.6	GGG		
2678-15421	00000/0000	2-10025/0797	11/30/76	10	9453	3850N	08826W	23.2	149.6		FGGG	
2678-15423	2-10025/1642	2-10025/0798	11/30/76	0	9453	3725N	08854W	24.2	149.0	GGG	GGGG	
2678-15425	2-10025/1643	00000/0000	11/30/76	10	9453	3603N	08917W	25.3	148.3	GGG		
2678-15430	00000/0000	2-10025/0799	11/30/76	0	9453	3600N	08921W	25.3	148.3		GGGF	
2678-15432	2-10025/1644	2-10025/0800	11/30/76	0	9453	3434N	08947W	26.4	147.6	GGG	GGGG	
2678-15434	2-10025/1645	00000/0000	11/30/76	10	9453	3311N	09008W	27.4	146.9	GGG		
2678-15435	00000/0000	2-10025/0801	11/30/76	0	9453	3309N	09013W	27.5	146.9		GGGG	
2678-17223	00000/0000	2-10025/0777	11/30/76	30	9454	4846N	11029W	15.5	154.1		FGGG	
2678-17225	00000/0000	2-10025/0778	11/30/76	80	9454	4721N	11105W	16.6	153.4		FGGG	
2678-17232	00000/0000	2-10025/0779	11/30/76	80	9454	4556N	11140W	17.7	152.8		FGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

PAGE 0047

OBSERVATION ID	MICROFILM POSITION RBV	ROLI No./ IN ROLI MSS	DATE ACQUIRED	CLOUD COVER	BRBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2678-17234	00000/0000	2-10025/0780	11/30/76	40	9454	4430N 11213W	18.8	152.2	GGGG		
2678-17241	00000/0000	2-10025/0781	11/30/76	50	9454	4305N 11246W	19.9	151.5	GGFG		
2678-17243	00000/0000	2-10025/0782	11/30/76	10	9454	4141N 11317W	21.0	150.9	GGGG		
2678-17250	00000/0000	2-10025/0783	11/30/76	10	9454	4016N 11347W	22.1	150.2	FGFG		
2678-17252	00000/0000	2-10025/0784	11/30/76	0	9454	3850N 11417W	23.2	149.6	GGFG		
2678-17255	00000/0000	2-10025/0785	11/30/76	0	9454	3725N 11445W	24.3	148.9	GGFG		
2678-17261	00000/0000	2-10025/0786	11/30/76	0	9454	3559N 11512W	25.3	148.3	GGFG		
2678-17264	00000/0000	2-10025/0787	11/30/76	0	9454	3433N 11539W	26.4	147.6	GGFG		
2678-17270	00000/0000	2-10025/0788	11/30/76	0	9454	3308N 11605W	27.4	146.9	GGFG		
2678-17273	00000/0000	2-10025/0789	11/30/76	0	9454	3142N 11629W	28.5	146.2	GGGG		
2679-15445	00000/0000	2-10025/0802	12/01/76	20	9467	4845N 08604W	15.3	154.0	GGGG		
2679-15452	00000/0000	2-10025/0803	12/01/76	50	9467	4720N 08640W	16.4	153.4	GGGG		
2679-15454	00000/0000	2-10025/0804	12/01/76	30	9467	4555N 08716W	17.5	152.7	GGGG		
2679-15461	00000/0000	2-10025/0805	12/01/76	50	9467	4431N 08749W	18.6	152.1	GGGG		
2679-15463	00000/0000	2-10025/0806	12/01/76	20	9467	4306N 08822W	19.7	151.5	GGGG		
2679-15470	00000/0000	2-10025/0807	12/01/76	20	9467	4141N 08853W	20.8	150.9	GGGG		
2679-15472	00000/0000	2-10025/0808	12/01/76	50	9467	4015N 08922W	21.9	150.2	GGGG		
2679-15475	00000/0000	2-10025/0809	12/01/76	70	9467	3850N 08951W	23.0	149.6	GGGG		
2679-15481	00000/0000	2-10025/0810	12/01/76	90	9467	3725N 09019W	24.1	148.9	GGGG		
2679-15484	00000/0000	2-10025/0811	12/01/76	60	9467	3600N 09046W	25.2	148.3	GGGG		
2679-15490	00000/0000	2-10025/0812	12/01/76	10	9467	3434N 09113W	26.2	147.6	GGGG		
2679-15493	00000/0000	2-10025/0813	12/01/76	0	9467	3307N 09139W	27.3	146.9	GGGG		
2679-15495	00000/0000	2-10025/0814	12/01/76	10	9467	3141N 09205W	28.3	146.2	GGGG		
2679-15502	00000/0000	2-10025/0815	12/01/76	20	9467	3016N 09229W	29.4	145.5	GGGG		
2679-17281	00000/0000	2-10025/0816	12/01/76	10	9468	4845N 11154W	15.3	154.0	GGFG		
2679-17283	00000/0000	2-10025/0817	12/01/76	10	9468	4720N 11231W	16.4	153.4	GGGG		
2679-17290	00000/0000	2-10025/0818	12/01/76	10	9468	4556N 11306W	17.5	152.7	GGGG		
2679-17292	00000/0000	2-10025/0819	12/01/76	0	9468	4431N 11340W	18.6	152.1	GGGG		
2679-17295	00000/0000	2-10025/0820	12/01/76	10	9468	4306N 11412W	19.7	151.5	GGGG		
2679-17301	00000/0000	2-10025/0821	12/01/76	10	9468	4140N 11443W	20.8	150.8	GGGG		
2679-17304	00000/0000	2-10025/0822	12/01/76	0	9468	4015N 11513W	21.9	150.2	GGFG		
2679-17310	00000/0000	2-10025/0823	12/01/76	0	9468	3849N 11542W	23.0	149.6	GGGG		
2679-17313	00000/0000	2-10025/0824	12/01/76	0	9468	3724N 11610W	24.1	148.9	GGGG		
2679-17315	00000/0000	2-10025/0825	12/01/76	0	9468	3558N 11637W	25.2	148.3	GGGG		
2679-17322	00000/0000	2-10025/0826	12/01/76	0	9468	3433N 11704W	26.2	147.6	GGGG		
2679-17324	00000/0000	2-10025/0827	12/01/76	0	9468	3308N 11729W	27.3	146.9	G G		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

21113 JAN 13, '77

LANDSAT-2
OBSERVATION ID LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2679-17331	00000/0000	2-10025/0828	12/01/76	0	9468	3142N 11753W	28.3	146.2	GGGG		
2680-15524	00000/0000	2-10025/0829	12/02/76	10	9481	4143N 09019W	20.6	150.8	GGGG		
2680-15530	00000/0000	2-10025/0830	12/02/76	80	9481	4018N 09049W	21.7	150.2	GGGG		
2680-15544	00000/0000	2-10025/0831	12/02/76	0	9481	3435N 09240W	26.0	147.6	GGGG		
2680-15551	00000/0000	2-10025/0832	12/02/76	0	9481	3309N 09306W	27.1	146.9	GGGF		
2680-15553	00000/0000	2-10025/0833	12/02/76	0	9481	3144N 09331W	28.1	146.2	GGGG		
2680-15560	00000/0000	2-10025/0834	12/02/76	50	9481	3018N 09356W	29.2	145.5	GGGG		
2680-15562	00000/0000	2-10025/0835	12/02/76	90	9481	2852N 09420W	30.2	144.7	GGGG		
2680-15565	00000/0000	2-10025/0836	12/02/76	90	9481	2725N 09443W	31.2	144.0	GGGG		
2680-15571	00000/0000	2-10025/0837	12/02/76	90	9481	2559N 09506W	32.2	143.2	GGGG		
2680-15574	00000/0000	2-10025/0838	12/02/76	90	9481	2433N 09529W	33.2	142.4	GGGG		
2680-17335	00000/0000	2-10025/0839	12/02/76	30	9482	4848N 11320W	15.1	134.0	GGGG		
2680-17341	00000/0000	2-10025/0840	12/02/76	60	9482	4723N 11356W	16.2	153.4	FGGG		
2680-17344	00000/0000	2-10025/0841	12/02/76	10	9482	4558N 11431W	17.3	152.7	GGGG		
2680-17350	00000/0000	2-10025/0842	12/02/76	0	9482	4433N 11504W	18.4	152.1	GGGG		
2680-17353	00000/0000	2-10025/0843	12/02/76	10	9482	4308N 11537W	19.5	151.5	FFFF		
2680-17355	00000/0000	2-10025/0844	12/02/76	0	9482	4143N 11608W	20.6	150.8	GGGG		
2680-17362	00000/0000	2-10025/0845	12/02/76	0	9482	4018N 11638W	21.7	150.2	GGGG		
2680-17364	00000/0000	2-10025/0846	12/02/76	0	9482	3852N 11707W	22.8	149.6	GGGG		
2680-17371	00000/0000	2-10025/0847	12/02/76	0	9482	3726N 11736W	23.9	148.9	GGGG		
2680-17373	00000/0000	2-10025/0848	12/02/76	0	9482	3601N 11803W	24.9	148.3	GGGG		
2680-17380	00000/0000	2-10025/0849	12/02/76	0	9482	3435N 11829W	26.0	147.6	GGGF		
2680-17382	00000/0000	2-10025/0850	12/02/76	0	9482	3310N 11855W	27.1	146.9	GGGG		
2681-15562	00000/0000	2-10025/0853	12/03/76	50	9495	4848N 08857W	14.9	153.9	GGGG		
2681-15564	00000/0000	2-10025/0854	12/03/76	60	9495	4723N 08934W	16.0	153.3	GGGG		
2681-15571	00000/0000	2-10025/0855	12/03/76	90	9495	4558N 09009W	17.2	152.7	FFGG		
2681-15573	00000/0000	2-10025/0856	12/03/76	90	9495	4433N 09043W	18.3	152.0	GGGG		
2681-15580	00000/0000	2-10025/0857	12/03/76	90	9495	4307N 09115W	19.4	151.4	GGGG		
2681-15582	00000/0000	2-10025/0858	12/03/76	90	9495	4142N 09146W	20.5	150.8	GGGG		
2681-15585	00000/0000	2-10025/0859	12/03/76	40	9495	4017N 09216W	21.6	150.2	GGGG		
2681-15591	00000/0000	2-10025/0860	12/03/76	10	9495	3852N 09244W	22.6	149.5	GGGG		
2681-15594	00000/0000	2-10025/0861	12/03/76	10	9495	3726N 09312W	23.7	148.9	GGGG		
2681-16000	00000/0000	2-10025/0862	12/03/76	0	9495	3601N 09339W	24.8	148.2	GGGG		
2681-16003	00000/0000	2-10025/0863	12/03/76	0	9495	3435N 09405W	25.8	147.6	FFGG		
2681-16005	00000/0000	2-10025/0864	12/03/76	0	9495	3309N 09431W	26.9	146.9	FFGG		
2681-16012	00000/0000	2-10025/0865	12/03/76	0	9495	3144N 09456W	28.0	146.2	FFGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

21113 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

PAGE 0042

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN
2681-16014	00000/0000	2-10025/0866	12/03/76	0	9495	3018N 09521W	29.0	145.5	FGGG	
2681-16021	00000/0000	2-10025/0867	12/03/76	0	9495	2852N 09546W	30.0	144.7	GFGG	
2681-16023	00000/0000	2-10025/0868	12/03/76	10	9495	2726N 09610W	31.0	144.0	GGGG	
2681-16030	00000/0000	2-10025/0869	12/03/76	30	9495	2559N 09633W	32.0	143.2	FFFF	
2681-16032	00000/0000	2-10025/0870	12/03/76	70	9495	2433N 09656W	33.0	142.4	GGGG	
2681-17393	00000/0000	2-10025/0871	12/03/76	80	9496	4848N 11444W	14.9	153.9	FGGG	
2681-17400	00000/0000	2-10025/0872	12/03/76	40	9496	4723N 11520W	16.0	153.3	GGGG	
2681-17402	00000/0000	2-10025/0873	12/03/76	10	9496	4558N 11555W	17.2	152.7	PGGG	
2681-17405	00000/0000	2-10025/0874	12/03/76	0	9496	4433N 11629W	18.3	152.0	GFGG	
2681-17411	00000/0000	2-10025/0875	12/03/76	0	9496	4308N 11702W	19.4	151.4	GGGG	
2681-17414	00000/0000	2-10025/0876	12/03/76	0	9496	4143N 11733W	20.5	150.8	GFGG	
2681-17420	00000/0000	2-10025/0877	12/03/76	0	9496	4018N 11803W	21.5	150.2	GGGG	
2681-17423	00000/0000	2-10025/0878	12/03/76	0	9496	3852N 11832W	22.6	149.5	GGGG	
2681-17425	00000/0000	2-10025/0879	12/03/76	0	9496	3727N 11900W	23.7	148.9	GGGG	
2681-17432	00000/0000	2-10025/0880	12/03/76	10	9496	3602N 11928W	24.8	148.2	FGGG	
2681-17434	00000/0000	2-10025/0881	12/03/76	0	9496	3436N 11955W	25.8	147.6	GGGG	
2681-17441	00000/0000	2-10025/0882	12/03/76	30	9496	3310N 12021W	26.9	146.9	FGGG	
2682-14191	00000/0000	2-10025/0898	12/04/76	10	9508	4722N 06510W	15.9	153.2	GGGG	
2682-14193	00000/0000	2-10025/0899	12/04/76	10	9508	4557N 06545W	17.0	152.6	GGGG	
2682-14200	00000/0000	2-10025/0900	12/04/76	20	9508	4433N 06618W	18.1	152.0	GGGG	
2682-14202	00000/0000	2-10025/0901	12/04/76	60	9508	4308N 06650W	19.2	151.4	GGGG	
2682-16020	00000/0000	2-10025/0902	12/04/76	100	9509	4847N 09024W	14.8	153.9	GGGG	
2682-16022	00000/0000	2-10025/0903	12/04/76	90	9509	4722N 09100W	15.9	153.2	GGGG	
2682-16025	00000/0000	2-10025/0904	12/04/76	50	9509	4557N 09135W	17.0	152.6	GGGG	
2682-16031	00000/0000	2-10025/0905	12/04/76	30	9509	4432N 09209W	18.1	152.0	GGGG	
2682-16034	00000/0000	2-10025/0906	12/04/76	30	9509	4307N 09241W	19.2	151.4	GGGG	
2682-16040	00000/0000	2-10025/0907	12/04/76	70	9509	4142N 09312W	20.3	150.7	GGGG	
2682-16043	00000/0000	2-10025/0908	12/04/76	50	9509	4017N 09341W	21.4	150.1	GGGG	
2682-16045	00000/0000	2-10025/0909	12/04/76	40	9509	3851N 09410W	22.5	149.5	GGGG	
2682-16052	00000/0000	2-10025/0910	12/04/76	50	9509	3726N 09437W	23.6	148.8	GGGG	
2682-16054	00000/0000	2-10025/0911	12/04/76	10	9509	3600N 09504W	24.6	148.2	GGGG	
2682-16061	00000/0000	2-10025/0912	12/04/76	0	9509	3435N 09531W	25.7	147.5	GGGG	
2682-16063	00000/0000	2-10025/0913	12/04/76	10	9509	3309N 09557W	26.7	146.8	GGGG	
2682-16070	00000/0000	2-10025/0914	12/04/76	0	9509	3143N 09623W	27.8	146.2	GGGG	
2682-16072	00000/0000	2-10025/0883	12/04/76	0	9509	3017N 09648W	28.8	145.4	GG	
2682-16075	00000/0000	2-10025/0884	12/04/76	20	9509	2851N 09712W	29.9	144.7	GG G	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

2113 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

PAGE 0043

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN
2682-16081	00000/0000	2-10025/0885	12/04/76	80	9509	2724N 09736W	30.9	144.0	GGGG		
2682-16084	00000/0000	2-10025/0886	12/04/76	90	9509	2558N 09800W	31.9	143.2	GGGG		
2682-17454	00000/0000	2-10025/0887	12/04/76	80	9510	4722N 11647W	15.9	153.2	GGGG		
2682-17460	00000/0000	2-10025/0888	12/04/76	50	9510	4558N 11722W	17.0	152.6	GGGG		
2682-17463	00000/0000	2-10025/0889	12/04/76	40	9510	4433N 11756W	18.1	152.0	GGFG		
2682-17465	00000/0000	2-10025/0890	12/04/76	80	9510	4308N 11828W	19.2	151.4	GGGG		
2682-17472	00000/0000	2-10025/0891	12/04/76	90	9510	4142N 11859W	20.3	150.7	GGGG		
2682-17474	00000/0000	2-10025/0892	12/04/76	60	9510	4016N 11929W	21.4	150.1	GGGG		
2682-17481	00000/0000	2-10025/0893	12/04/76	10	9510	3850N 11958W	22.5	149.5	GGGG		
2682-17483	00000/0000	2-10025/0894	12/04/76	10	9510	3725N 12026W	23.5	148.8	GGGG		
2682-17490	00000/0000	2-10025/0895	12/04/76	10	9510	3600N 12054W	24.6	148.2	GGGG		
2682-17492	00000/0000	2-10025/0896	12/04/76	80	9510	3434N 12121W	25.7	147.5	GGGG		
2682-17495	00000/0000	2-10025/0897	12/04/76	90	9510	3308N 12147W	26.7	146.8	GGGG		
2683-14245	00000/0000	2-10025/0942	12/05/76	10	9522	4722N 06636W	15.8	153.2	GGGG		
2683-14251	00000/0000	2-10025/0943	12/05/76	10	9522	4557N 06710W	16.9	152.6	GGGG		
2683-14254	00000/0000	2-10025/0944	12/05/76	40	9522	4432N 06744W	18.0	151.9	GGGG		
2683-14260	00000/0000	2-10025/0945	12/05/76	80	9522	4307N 06816W	19.1	151.3	FGGG		
2683-14263	00000/0000	2-10025/0946	12/05/76	40	9522	4142N 06848W	20.2	150.7	GGGG		
2683-14265	00000/0000	2-10025/0947	12/05/76	30	9522	4017N 06918W	21.3	150.1	GGGG		
2683-16074	00000/0000	2-10025/0948	12/05/76	10	9523	4847N 09149W	14.6	153.8	GGGG		
2683-16080	00000/0000	2-10025/0949	12/05/76	20	9523	4722N 09226W	15.7	153.2	GGGG		
2683-16083	00000/0000	2-10025/0950	12/05/76	40	9523	4557N 09301W	16.9	152.6	GGGG		
2683-16085	00000/0000	2-10025/0951	12/05/76	50	9523	4433N 09334W	18.0	151.9	GGGG		
2683-16092	00000/0000	2-10025/0952	12/05/76	90	9523	4308N 09405W	19.1	151.3	GGGG		
2683-16094	00000/0000	2-10025/0953	12/05/76	70	9523	4143N 09436W	20.2	150.7	GGGG		
2683-16101	00000/0000	2-10025/0954	12/05/76	80	9523	4017N 09507W	21.2	150.1	GGGG		
2683-16103	00000/0000	2-10025/0955	12/05/76	50	9523	3852N 09536W	22.3	149.4	GGGG		
2683-16110	00000/0000	2-10025/0956	12/05/76	10	9523	3726N 09604W	23.4	148.8	GGGG		
2683-16112	00000/0000	2-10025/0957	12/05/76	40	9523	3600N 09631W	24.5	148.1	GGGG		
2683-16115	00000/0000	2-10025/0958	12/05/76	90	9523	3434N 09658W	25.5	147.5	GGGG		
2683-16121	00000/0000	2-10025/0959	12/05/76	90	9523	3309N 09723W	26.6	146.8	GGGG		
2683-16124	00000/0000	2-10025/0960	12/05/76	90	9523	3143N 09748W	27.6	146.1	GGGG		
2683-16130	00000/0000	2-10025/0961	12/05/76	90	9523	3017N 09813W	28.7	145.4	GGGG		
2683-16133	00000/0000	2-10025/0962	12/05/76	90	9523	2851N 09837W	29.7	144.7	FGGG		
2683-16135	00000/0000	2-10025/0963	12/05/76	90	9523	2725N 09901W	30.7	143.9	GGGG		
2683-16142	00000/0000	2-10025/0964	12/05/76	90	9523	2558N 09924W	31.7	143.2	GGGG		

KEYS: CLOUD COVER % 0 TO 100 * % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

21:13 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

PAGE 0044

OBSERVATION ID	MICROFILM ROLL No./ POSITION IN ROLL RBV	MSS	DATE ACQUIRED	CLOUD COVER	SBRIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2683-17505	00000/0000	2-10025/0965	12/05/76	40	9524	4851N 11736W	14.6	153.8	GGGG		
2683-17512	00000/0000	2-10025/0966	12/05/76	90	9524	4726N 11813W	15.7	153.2	FGGG		
2683-17514	00000/0000	2-10025/0967	12/05/76	70	9524	4601N 11848W	16.8	152.6	GGGG		
2683-17521	00000/0000	2-10025/0968	12/05/76	70	9524	4436N 11922W	17.9	152.0	FGGG		
2683-17523	00000/0000	2-10025/0969	12/05/76	70	9524	4311N 11954W	19.0	151.3	GGGG		
2683-17530	00000/0000	2-10025/0970	12/05/76	10	9524	4145N 12025W	20.1	150.7	GGGG		
2683-17532	00000/0000	2-10025/0971	12/05/76	10	9524	4018N 12054W	21.2	150.1	GGGG		
2683-17535	00000/0000	2-10025/0972	12/05/76	10	9524	3853N 12123W	22.3	149.5	PGGG		
2683-17541	00000/0000	2-10025/0973	12/05/76	10	9524	3728N 12152W	23.4	148.8	GGGG		
2683-17544	00000/0000	2-10025/0974	12/05/76	20	9524	3603N 12219W	24.4	148.2	FGFF		
2684-14303	00000/0000	2-10025/0975	12/06/76	10	9536	4726N 06757W	15.6	153.1	GGGG		
2684-14305	00000/0000	2-10025/0976	12/06/76	10	9536	4601N 06832W	16.7	152.5	GGGG		
2684-14312	00000/0000	2-10025/0977	12/06/76	10	9536	4436N 06906W	17.8	151.9	GGGG		
2684-14314	00000/0000	2-10025/0978	12/06/76	20	9536	4311N 06939W	18.9	151.3	GGFG		
2684-14321	00000/0000	2-10025/0979	12/06/76	40	9536	4145N 07010W	20.0	150.7	GGFG		
2684-14323	00000/0000	2-10025/0980	12/06/76	30	9536	4020N 07040W	21.1	150.0	GGGG		
2684-14330	00000/0000	2-10025/0981	12/06/76	60	9536	3853N 07110W	22.1	149.4	GGGG		
2684-14332	00000/0000	2-10025/0982	12/06/76	50	9536	3729N 07139W	23.2	148.8	GGGG		
2684-14335	00000/0000	2-10025/0983	12/06/76	80	9536	3603N 07207W	24.3	148.1	GGGG		
2684-16132	00000/0000	2-10025/0984	12/06/76	0	9537	4850N 09313W	14.4	153.8	GGGG		
2684-16135	00000/0000	2-10025/0985	12/06/76	0	9537	4725N 09350W	15.6	153.1	GGGG		
2684-16141	00000/0000	2-10025/0986	12/06/76	0	9537	4600N 09425W	16.7	152.5	GGGG		
2684-16144	00000/0000	2-10025/0987	12/06/76	0	9537	4435N 09458W	17.8	151.9	GGGG		
2684-16150	00000/0000	2-10025/0988	12/06/76	0	9537	4310N 09530W	18.9	151.3	GGGG		
2684-16153	00000/0000	2-10025/0989	12/06/76	10	9537	4144N 09601W	20.0	150.7	GGGG		
2684-16155	00000/0000	2-10025/0990	12/06/76	30	9537	4019N 09631W	21.1	150.0	FGFG		
2684-16162	00000/0000	2-10025/0991	12/06/76	50	9537	3854N 09700W	22.1	149.4	FGFF		
2684-16164	00000/0000	2-10025/0992	12/06/76	90	9537	3728N 09727W	23.2	148.8	GGGG		
2684-16171	00000/0000	2-10025/0993	12/06/76	70	9537	3602N 09755W	24.3	148.1	FGGG		
2684-16173	00000/0000	2-10025/0994	12/06/76	100	9537	3436N 09821W	25.3	147.5	GGGG		
2684-16180	00000/0000	2-10025/0995	12/06/76	90	9537	3310N 09848W	26.4	146.8	FGGF		
2684-16182	00000/0000	2-10025/0996	12/06/76	90	9537	3144N 09914W	27.4	146.1	FGGG		
2684-16185	00000/0000	2-10025/0997	12/06/76	90	9537	3017N 09939W	28.5	145.4	GGGG		
2684-16191	00000/0000	2-10025/0998	12/06/76	70	9537	2851N 10004W	29.5	144.7	FGGF		
2684-16194	00000/0000	2-10025/0999	12/06/76	70	9537	2726N 10028W	30.5	143.9	PGFG		
2684-16200	00000/0000	2-10025/1000	12/06/76	50	9537	2600N 10051W	31.5	143.2	FFFF		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2684-17564	00000/0000	2-10025/1001	12/06/76	90	9538	4850N 11902W	14.4	153.8		GFF	
2684-17570	00000/0000	2-10025/1002	12/06/76	80	9538	4725N 11939W	15.6	153.1		FGFF	
2684-17573	00000/0000	2-10025/1003	12/06/76	70	9538	4600N 12013W	16.7	152.5		FFFF	
2684-17575	00000/0000	2-10025/1004	12/06/76	10	9538	4435N 12047W	17.8	151.9		FGFF	
2684-17582	00000/0000	2-10025/1005	12/06/76	0	9538	4309N 12119W	18.9	151.3		GGFF	
2684-17584	00000/0000	2-10025/1006	12/06/76	0	9538	4144N 12150W	20.0	150.7		GGFF	
2684-17591	00000/0000	2-10025/1007	12/06/76	10	9538	4019N 12221W	21.0	150.0		FGGG	
2684-17593	00000/0000	2-10025/1008	12/06/76	10	9538	3854N 12250W	22.1	149.4		FFFF	
2684-18000	00000/0000	2-10025/1009	12/06/76	10	9538	3728N 12318W	23.2	148.8		FGFG	
2684-18002	00000/0000	2-10025/1010	12/06/76	30	9538	3602N 12345W	24.3	148.1		FFGF	
2685-14361	00000/0000	2-10025/1018	12/07/76	100	9550	4725N 06926W	15.4	153.1		GGGG	
2685-14364	00000/0000	2-10025/1019	12/07/76	100	9550	4600N 07000W	16.5	152.5		FGGG	
2685-14370	00000/0000	2-10025/1020	12/07/76	100	9550	4435N 07034W	17.6	151.8		FGGG	
2685-14373	00000/0000	2-10025/1021	12/07/76	100	9550	4310N 07108W	18.7	151.2		GGGG	
2685-14375	00000/0000	2-10025/1022	12/07/76	100	9550	4144N 07139W	19.8	150.6		GGGG	
2685-14382	00000/0000	2-10025/1023	12/07/76	100	9550	4018N 07210W	20.9	150.0		FGGG	
2685-14384	00000/0000	2-10025/1024	12/07/76	100	9550	3853N 07239W	22.0	149.4		GGFG	
2685-14391	00000/0000	2-10025/1025	12/07/76	100	9550	3728N 07307W	23.1	148.7		GGGG	
2685-14393	00000/0000	2-10025/1026	12/07/76	100	9550	3602N 07334W	24.2	148.1		GGGG	
2685-16190	00000/0000	2-10025/1027	12/07/76	0	9551	4850N 09440W	14.3	153.7		GGGG	
2685-16193	00000/0000	2-10025/1028	12/07/76	30	9551	4725N 09517W	15.4	153.1		GFGF	
2685-16195	00000/0000	2-10025/1029	12/07/76	70	9551	4559N 09552W	16.5	152.4		GGGF	
2685-16202	00000/0000	2-10025/1030	12/07/76	80	9551	4434N 09626W	17.6	151.8		GGGG	
2685-16204	00000/0000	2-10025/1031	12/07/76	90	9551	4309N 09657W	18.7	151.2		GGGG	
2685-16211	00000/0000	2-10025/1032	12/07/76	90	9551	4144N 09728W	19.8	150.6		GGGG	
2685-16213	00000/0000	2-10025/1033	12/07/76	60	9551	4019N 09758W	20.9	150.0		FGGG	
2685-16220	00000/0000	2-10025/1034	12/07/76	50	9551	3853N 09828W	22.0	149.3		FGGG	
2685-16222	00000/0000	2-10025/1035	12/07/76	60	9551	3727N 09856W	23.1	148.7		FGG	
2685-16225	00000/0000	2-10025/1036	12/07/76	10	9551	3602N 09922W	24.1	148.1		FGGG	
2685-16231	00000/0000	2-10025/1037	12/07/76	10	9551	3436N 09948W	25.2	147.4		GGGG	
2685-16234	00000/0000	2-10025/1038	12/07/76	10	9551	3310N 10014W	26.3	146.7		GFGG	
2685-16240	00000/0000	2-10025/1039	12/07/76	0	9551	3144N 10040W	27.3	146.1		GGGG	
2685-16243	00000/0000	2-10025/1040	12/07/76	0	9551	3018N 10104W	28.3	145.4		GGFG	
2685-16245	00000/0000	2-10025/1041	12/07/76	0	9551	2852N 10129W	29.4	144.6		GGFG	
2685-16252	00000/0000	2-10025/1042	12/07/76	10	9551	2726N 10153W	30.4	143.9		GGGG	
2685-18022	00000/0000	2-10025/1043	12/07/76	70	9552	4849N 12029W	14.3	153.7		GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2685-18024	00000/0000	2-10025/1044	12/07/76	70	9552	4724N 12106W	15.4	153.1	GGGF		
2685-18031	00000/0000	2-10025/1045	12/07/76	70	9552	4559N 12141W	16.5	152.4	FGGG		
2685-18033	00000/0000	2-10025/1046	12/07/76	40	9552	4434N 12215W	17.6	151.8	GGGF		
2685-18040	00000/0000	2-10025/1047	12/07/76	20	9552	4309N 12247W	18.7	151.2	FGGF		
2685-18042	00000/0000	2-10025/1048	12/07/76	10	9552	4144N 12318W	19.8	150.6	FGGG		
2685-18045	00000/0000	2-10025/1049	12/07/76	10	9552	4018N 12348W	20.9	150.0	GGGG		
2685-18051	00000/0000	2-10025/1050	12/07/76	10	9552	3853N 12417W	22.0	149.3	GGGG		
2686-14422	00000/0000	2-10025/1051	12/08/76	10	9564	4559N 07128W	16.4	152.4	GGGG		
2686-14424	00000/0000	2-10025/1052	12/08/76	10	9564	4434N 07202W	17.5	151.8	GGGG		
2686-14431	00000/0000	2-10025/1053	12/08/76	10	9564	4309N 07235W	18.6	151.1	GGGG		
2686-14433	00000/0000	2-10025/1054	12/08/76	60	9564	4143N 07306W	19.7	150.5	GGGG		
2686-14440	00000/0000	2-10025/1055	12/08/76	90	9564	4018N 07336W	20.8	149.9	GGGG		
2686-14442	00000/0000	2-10025/1056	12/08/76	90	9564	3852N 07406W	21.9	149.3	GGGG		
2686-14445	00000/0000	2-10025/1057	12/08/76	90	9564	3726N 07434W	22.9	148.7	GGGG		
2686-14451	00000/0000	2-10025/1058	12/08/76	70	9564	3600N 07502W	24.0	148.0	GGGG		
2686-14454	00000/0000	2-10025/1059	12/08/76	60	9564	3434N 07528W	25.1	147.4	GGGG		
2686-14460	00000/0000	2-10025/1060	12/08/76	60	9564	3308N 07554W	26.1	146.7	GGGG		
2686-14463	00000/0000	2-10025/1061	12/08/76	70	9564	3143N 07620W	27.2	146.0	GGGG		
2686-14465	00000/0000	2-10025/1062	12/08/76	70	9564	3016N 07645W	28.2	145.3	GGGG		
2686-14472	00000/0000	2-10025/1063	12/08/76	50	9564	2850N 07709W	29.2	144.6	GGGG		
2686-14474	00000/0000	2-10025/1064	12/08/76	70	9564	2724N 07733W	30.2	143.9	GGGG		
2686-16244	00000/0000	2-10025/1096	12/08/76	40	9565	4849N 09607W	14.2	153.6	FGGF		
2686-16251	00000/0000	2-10025/1097	12/08/76	90	9565	4724N 09643W	15.3	153.0	GGGG		
2686-16253	00000/0000	2-10025/1098	12/08/76	90	9565	4559N 09718W	16.4	152.4	GGGG		
2686-16260	00000/0000	2-10025/1099	12/08/76	80	9565	4434N 09751W	17.5	151.8	FGGF		
2686-16262	00000/0000	2-10025/1100	12/08/76	80	9565	4309N 09824W	18.6	151.1	GGGG		
2686-16265	00000/0000	2-10025/1101	12/08/76	60	9565	4143N 09855W	19.7	150.5	GGGG		
2686-16271	00000/0000	2-10025/1102	12/08/76	10	9565	4018N 09925W	20.8	149.9	GGGF		
2686-16274	00000/0000	2-10025/1103	12/08/76	0	9565	3852N 09955W	21.9	149.3	GGGF		
2686-16280	00000/0000	2-10025/1104	12/08/76	0	9565	3727N 10023W	22.9	148.7	FGGF		
2686-16283	00000/0000	2-10025/1105	12/08/76	0	9565	3601N 10049W	24.0	148.0	GGGF		
2686-16285	00000/0000	2-10025/1106	12/08/76	0	9565	3435N 10116W	25.1	147.4	GGGF		
2686-16292	00000/0000	2-10025/1107	12/08/76	0	9565	3309N 10141W	26.1	146.7	GGGF		
2686-16294	00000/0000	2-10025/1108	12/08/76	0	9565	3143N 10207W	27.2	146.0	GGG		
2686-16301	00000/0000	2-10025/1109	12/08/76	0	9565	3017N 10231W	28.2	145.3	GGGF		
2686-16303	00000/0000	2-10025/1110	12/08/76	0	9565	2851N 10256W	29.2	144.6	GGGF		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
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FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN
2686-16310	00000/0000	2-10025/1111	12/08/76	0	9565	2725N 10320W	30.2	143.9	GGGF	
2686-18080	00000/0000	2-10025/1112	12/08/76	80	9566	4848N 12155W	14.2	153.6	GGGG	
2686-18083	00000/0000	2-10025/1113	12/08/76	90	9566	4723N 12232W	15.3	153.0	GGGG	
2686-18085	00000/0000	2-10025/1114	12/08/76	90	9566	4559N 12307W	16.4	152.4	GGGG	
2686-18092	00000/0000	2-10025/1096	12/08/76	90	9566	4433N 12340W	17.5	151.7	GGGG	
2686-18094	00000/0000	2-10025/1115	12/08/76	70	9566	4308N 12413W	18.6	151.1	GGGG	
2687-14482	00000/0000	2-10025/1065	12/09/76	10	9578	4436N 07327W	17.4	151.7	GGGG	
2687-14485	00000/0000	2-10025/1066	12/09/76	10	9578	4311N 07359W	18.4	151.1	GGGG	
2687-14491	00000/0000	2-10025/1067	12/09/76	30	9578	4146N 07430W	19.5	150.5	GGGG	
2687-14494	00000/0000	2-10025/1068	12/09/76	20	9578	4020N 07500W	20.6	149.9	GGGG	
2687-14500	00000/0000	2-10025/1069	12/09/76	10	9578	3855N 07530W	21.7	149.2	GGGG	
2687-14503	00000/0000	2-10025/1070	12/09/76	10	9578	3729N 07559W	22.8	148.6	FF F	
2687-14505	00000/0000	2-10025/1071	12/09/76	10	9578	3603N 07627W	23.8	148.0	GGFG	
2687-14512	00000/0000	2-10025/1072	12/09/76	10	9578	3436N 07653W	24.9	147.3	GGGG	
2687-14514	00000/0000	2-10025/1073	12/09/76	30	9578	3310N 07719W	26.0	146.7	GGGG	
2687-14521	00000/0000	2-10025/1074	12/09/76	70	9578	3145N 07744W	27.0	146.0	GGGG	
2687-14523	00000/0000	2-10025/1078	12/09/76	90	9578	3019N 07809W	28.0	145.3	GG	H
2687-14530	2-10025/1651	2-10025/1075	12/09/76	90	9578	2852N 07833W	29.1	144.5	GGG GGGG	
2687-14532	00000/0000	2-10025/1076	12/09/76	90	9578	2727N 07857W	30.1	143.8	GGGG	H
2687-14533	2-10025/1652	00000/0000	12/09/76	90	9578	2723N 07855W	30.1	143.8	GGG	
2687-14535	2-10025/1653	2-10025/1077	12/09/76	70	9578	2601N 07920W	31.1	143.1	GGG GGGG	
2687-16303	00000/0000	2-10025/1132	12/09/76	90	9579	4851N 09733W	14.0	153.6	GGGG	
2687-16305	00000/0000	2-10025/1133	12/09/76	90	9579	4726N 09810W	15.1	152.9	GGGG	
2687-16312	00000/0000	2-10025/1134	12/09/76	50	9579	4601N 09845W	16.2	152.3	GGGG	
2687-16314	00000/0000	2-10025/1135	12/09/76	20	9579	4436N 09918W	17.3	151.7	GGGG	
2687-16321	00000/0000	2-10025/1136	12/09/76	10	9579	4311N 09950W	18.4	151.1	GGGG	
2687-16323	00000/0000	2-10025/1137	12/09/76	10	9579	4145N 10020W	19.5	150.5	GGGG	
2687-16330	00000/0000	2-10025/1138	12/09/76	10	9579	4020N 10050W	20.6	149.9	GGGG	
2687-16332	00000/0000	2-10025/1139	12/09/76	70	9579	3854N 10120W	21.7	149.2	GGGG	
2687-16335	00000/0000	2-10025/1140	12/09/76	60	9579	3728N 10148W	22.8	148.6	GGGG	
2687-16353	00000/0000	2-10025/1141	12/09/76	50	9579	3145N 10333W	27.0	146.0	GGGG	
2687-16355	00000/0000	2-10025/1142	12/09/76	20	9579	3019N 10358W	28.0	145.3	GGGG	
2687-16362	00000/0000	2-10025/1143	12/09/76	20	9579	2853N 10421W	29.1	144.6	GGGG	
2687-16364	00000/0000	2-10025/1131	12/09/76	70	9579	2727N 10445W	30.1	143.8	G G	
2687-18134	00000/0000	2-10025/1144	12/09/76	70	9580	4851N 12321W	14.0	153.5	GGGF	
2687-18141	00000/0000	2-10025/1145	12/09/76	50	9580	4726N 12358W	15.1	152.9	GGGG	

KEYS: CLOUD COVER % 0 TO 100 * % CLOUD COVER.
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
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FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2687-18143	00000/0000	2-10025/1146	12/09/76	40	9580	4601N 12433W	16.2	152.3	GGGG		
2688-14532	00000/0000	2-10025/1116	12/10/76	90	9592	4725N 07345W	15.0	152.8	FGFG		
2688-14534	00000/0000	2-10025/1117	12/10/76	90	9592	4600N 07419W	16.1	152.2	FGGG		
2688-14541	00000/0000	2-10025/1118	12/10/76	50	9592	4435N 07453W	17.2	151.6	GGGG		
2688-14543	00000/0000	2-10025/1119	12/10/76	10	9592	4310N 07525W	18.3	151.0	GGGG		
2688-14550	2-10025/1646	2-10025/1120	12/10/76	10	9592	4145N 07557W	19.5	150.4	GGF GGGG		
2688-14552	2-10025/1647	2-10025/1121	12/10/76	10	9592	4019N 07627W	20.5	149.8	GGG GGGG		
2688-14555	2-10025/1648	2-10025/1122	12/10/76	10	9592	3853N 07657W	21.6	149.1	FGG GGGG		
2688-14561	2-10025/1649	2-10025/1123	12/10/76	10	9592	3727N 07725W	22.7	148.5	GGG GGGG		
2688-14564	2-10025/1650	2-10025/1124	12/10/76	10	9592	3602N 07753W	23.8	147.9	FGG FGGG		
2688-14570	00000/0000	2-10025/1125	12/10/76	20	9592	3436N 07819W	24.8	147.3	GGFG		
2688-14573	00000/0000	2-10025/1126	12/10/76	60	9592	3310N 07845W	25.8	146.6	GGFG		
2688-14575	00000/0000	2-10025/1127	12/10/76	80	9592	3144N 07911W	26.9	145.9	GGGG		
2688-14582	00000/0000	2-10025/1128	12/10/76	80	9592	3018N 07936W	27.9	145.2	GGGG		
2688-14584	00000/0000	2-10025/1129	12/10/76	80	9592	2852N 08000W	28.9	144.5	GGGG		
2688-14591	00000/0000	2-10025/1130	12/10/76	40	9592	2726N 08024W	30.0	143.8	GGGG		
2688-16361	00000/0000	2-10025/1160	12/10/76	0	9593	4850N 09858W	13.9	153.5	GGG		
2688-16363	00000/0000	2-10025/1161	12/10/76	0	9593	4725N 09935W	15.0	152.8	GGGF		
2688-16370	00000/0000	2-10025/1162	12/10/76	0	9593	4600N 10010W	16.1	152.2	GGGG		
2688-16372	00000/0000	2-10025/1163	12/10/76	0	9593	4434N 10043W	17.2	151.6	GGGG		
2688-16375	00000/0000	2-10025/1164	12/10/76	20	9593	4309N 10115W	18.3	151.0	FGGG		
2688-16381	00000/0000	2-10025/1165	12/10/76	30	9593	4144N 10147W	19.4	150.4	GGGG		
2688-16384	00000/0000	2-10025/1166	12/10/76	70	9593	4018N 10217W	20.5	149.8	GGFG		
2688-16390	00000/0000	2-10025/1167	12/10/76	90	9593	3853N 10246W	21.6	149.2	GGGG		
2688-16393	00000/0000	2-10025/1168	12/10/76	100	9593	3727N 10314W	22.7	148.5	GGGG		
2688-16402	00000/0000	2-10025/1169	12/10/76	90	9593	3436N 10407W	24.8	147.2	GGGG		
2688-16404	00000/0000	2-10025/1170	12/10/76	90	9593	3310N 10432W	25.8	146.6	GGGG		
2688-16411	00000/0000	2-10025/1171	12/10/76	90	9593	3144N 10457W	26.9	145.9	GGGG		
2688-16413	00000/0000	2-10025/1172	12/10/76	100	9593	3018N 10522W	27.9	145.2	GGGG		
2688-16420	00000/0000	2-10025/1173	12/10/76	100	9593	2852N 10547W	28.9	144.5	GGGG		
2688-18192	00000/0000	2-10025/1174	12/10/76	90	9594	4849N 12448W	13.9	153.5	GGGG		
2689-15001	00000/0000	2-10025/1147	12/11/76	40	9606	4309N 07652W	18.2	150.9	GGGG		
2689-15004	00000/0000	2-10025/1148	12/11/76	10	9606	4143N 07724W	19.3	150.3	GGGG		
2689-15010	00000/0000	2-10025/1149	12/11/76	30	9606	4017N 07754W	20.4	149.7	GGGG		
2689-15013	00000/0000	2-10025/1150	12/11/76	90	9606	3852N 07824W	21.5	149.1	GGGG		
2689-15015	00000/0000	2-10025/1151	12/11/76	80	9606	3726N 07852W	22.6	148.5	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
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FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN
2689-15022	00000/0000	2-10025/1152	12/11/76	90	9606	3600N 07920W	23.6	147.8	GGGG	
2689-15024	00000/0000	2-10025/1153	12/11/76	90	9606	3434N 07947W	24.7	147.2	GGGG	
2689-15031	00000/0000	2-10025/1154	12/11/76	90	9606	3308N 08013W	25.7	146.5	GGGG	
2689-15033	00000/0000	2-10025/1155	12/11/76	90	9606	3142N 08038W	26.8	145.8	GGGG	
2689-15040	00000/0000	2-10025/1156	12/11/76	70	9606	3016N 08103W	27.8	145.1	GGGG	
2689-15042	00000/0000	2-10025/1157	12/11/76	70	9606	2830N 08127W	28.8	144.4	GGGG	
2689-15045	00000/0000	2-10025/1159	12/11/76	40	9606	2723N 08150W	29.8	143.7	GG	H
2689-15051	00000/0000	2-10025/1158	12/11/76	30	9606	2557N 08213W	30.8	143.0	GGGG	H
2689-16415	00000/0000	2-10025/1079	12/11/76	70	9607	4848N 10025W	13.8	153.4	GGGG	
2689-16421	00000/0000	2-10025/1080	12/11/76	80	9607	4724N 10102W	14.9	152.7	GGGG	
2689-16424	00000/0000	2-10025/1081	12/11/76	70	9607	4558N 10137W	16.0	152.1	GGGG	
2689-16430	00000/0000	2-10025/1082	12/11/76	70	9607	4433N 10210W	17.1	151.5	GGGG	
2689-16433	00000/0000	2-10025/1083	12/11/76	70	9607	4308N 10242W	18.2	150.9	GGGG	
2689-16435	00000/0000	2-10025/1084	12/11/76	60	9607	4143N 10314W	19.3	150.3	GGGG	
2689-16442	00000/0000	2-10025/1085	12/11/76	60	9607	4017N 10344W	20.4	149.7	GGGG	
2689-16444	00000/0000	2-10025/1086	12/11/76	10	9607	3852N 10413W	21.5	149.1	GGGG	
2689-16451	00000/0000	2-10025/1087	12/11/76	0	9607	3726N 10441W	22.5	148.5	GGGG	
2689-16453	00000/0000	2-10025/1088	12/11/76	0	9607	3600N 10509W	23.6	147.8	GGGG	
2689-16460	00000/0000	2-10025/1089	12/11/76	0	9607	3434N 10535W	24.7	147.2	GGGG	
2689-16462	00000/0000	2-10025/1090	12/11/76	30	9607	3308N 10601W	25.7	146.5	GGGG	
2689-16465	00000/0000	2-10025/1091	12/11/76	80	9607	3142N 10626W	26.8	145.8	GGGG	
2689-16471	00000/0000	2-10025/1092	12/11/76	90	9607	3017N 10651W	27.8	145.1	GGGG	
2690-15041	00000/0000	2-10025/1204	12/12/76	30	9620	4851N 07600W	13.7	153.3	GGGG	
2690-15044	00000/0000	2-10025/1205	12/12/76	90	9620	4726N 07636W	14.8	152.7	GGGG	
2690-15050	00000/0000	2-10025/1206	12/12/76	100	9620	4602N 07711W	15.9	152.1	GGGG	
2690-15053	00000/0000	2-10025/1207	12/12/76	70	9620	4437N 07744W	17.0	151.5	GGGG	
2690-15055	00000/0000	2-10025/1208	12/12/76	60	9620	4311N 07817W	18.1	150.9	GGGG	
2690-15062	00000/0000	2-10025/1209	12/12/76	60	9620	4145N 07848W	19.2	150.2	GGGG	
2690-15064	00000/0000	2-10025/1210	12/12/76	100	9620	4020N 07919W	20.3	149.6	GGGG	
2690-15071	00000/0000	2-10025/1211	12/12/76	90	9620	3854N 07948W	21.3	149.0	GGGG	
2690-15073	00000/0000	2-10025/1212	12/12/76	100	9620	3728N 08017W	22.4	148.4	GGGG	
2690-15080	00000/0000	2-10025/1213	12/12/76	100	9620	3603N 08045W	23.5	147.8	GGGG	
2690-15082	00000/0000	2-10025/1214	12/12/76	100	9620	3437N 08112W	24.5	147.1	GGGG	
2690-15085	00000/0000	2-10025/1215	12/12/76	100	9620	3311N 08138W	25.6	146.5	GGGG	
2690-15091	00000/0000	2-10025/1216	12/12/76	100	9620	3145N 08203W	26.6	145.8	GGGG	
2690-15094	00000/0000	2-10025/1217	12/12/76	90	9620	3019N 08227W	27.7	145.1	GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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OBSERVATION ID LISTING
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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN RSL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2690-15100	00000/0000	2-10025/1221	12/12/76	70	9620	2853N 08251W	28.7	144.4	GG		H
2690-15103	00000/0000	2-10025/1218	12/12/76	90	9620	2727N 08315W	29.7	143.7	GGGG		H
2690-15105	00000/0000	2-10025/1219	12/12/76	40	9620	2600N 08339W	30.7	142.9	FFGG		H
2690-15112	00000/0000	2-10025/1220	12/12/76	20	9620	2434N 08402W	31.7	142.2	GFGG		H
2690-16473	00000/0000	2-10025/1175	12/12/76	40	9621	4851N 10150W	13.7	153.3	GGGG		
2690-16480	00000/0000	2-10025/1176	12/12/76	90	9621	4726N 10227W	14.8	152.7	GGGG		
2690-16482	00000/0000	2-10025/1177	12/12/76	90	9621	4601N 10301W	15.9	152.1	GGGG		
2690-16485	00000/0000	2-10025/1178	12/12/76	30	9621	4436N 10334W	17.0	151.5	GGGG		
2690-16491	00000/0000	2-10025/1179	12/12/76	10	9621	4310N 10406W	18.1	150.8	GGGG		
2690-16494	00000/0000	2-10025/1180	12/12/76	C	9621	4145N 10437W	19.2	150.2	GGGG		
2690-16500	00000/0000	2-10025/1181	12/12/76	0	9621	4019N 10507W	20.3	149.6	GGGG		
2690-16503	00000/0000	2-10025/1182	12/12/76	0	9621	3854N 10536W	21.3	149.0	GGGG		
2690-16505	00000/0000	2-10025/1183	12/12/76	0	9621	3728N 10604W	22.4	148.4	GGGG		
2690-16512	00000/0000	2-10025/1184	12/12/76	0	9621	3602N 10631W	23.5	147.8	GGGG		
2690-16514	00000/0000	2-10025/1185	12/12/76	0	9621	3437N 10658W	24.5	147.1	GGGG		
2690-16521	00000/0000	2-10025/1186	12/12/76	0	9621	3311N 10724W	25.6	146.5	GGGG		
2690-16523	00000/0000	2-10025/1187	12/12/76	60	9621	3145N 10750W	26.6	145.8	GGGG		
2690-16530	00000/0000	2-10025/1188	12/12/76	80	9621	3019N 10815W	27.6	145.1	GGGG		
2690-16532	00000/0000	2-10025/1189	12/12/76	40	9621	2853N 10840W	28.7	144.4	GGGG		
2691-15100	00000/0000	2-10025/1222	12/13/76	0	9634	4849N 07726W	13.6	153.2	GGGG		
2691-15102	00000/0000	2-10025/1223	12/13/76	0	9634	4725N 07803W	14.7	152.6	GGGG		
2691-15105	00000/0000	2-10025/1224	12/13/76	0	9634	4559N 07838W	15.8	152.0	GGGG		
2691-15111	00000/0000	2-10025/1225	12/13/76	10	9634	4434N 07912W	16.9	151.4	GGGG		
2691-15114	00000/0000	2-10025/1226	12/13/76	20	9634	4309N 07945W	18.0	150.8	GGGG		
2691-15120	00000/0000	2-10025/1227	12/13/76	70	9634	4144N 08016W	19.1	150.2	GGGG		
2691-15123	00000/0000	2-10025/1228	12/13/76	40	9634	4018N 08046W	20.2	149.5	GGGG		
2691-15125	00000/0000	2-10025/1229	12/13/76	20	9634	3853N 08115W	21.2	148.9	GGGG		
2691-15132	00000/0000	2-10025/1230	12/13/76	20	9634	3728N 08142W	22.3	148.3	GGGG		
2691-15134	00000/0000	2-10025/1231	12/13/76	40	9634	3602N 08209W	23.4	147.7	GGGG		
2691-15141	00000/0000	2-10025/1232	12/13/76	80	9634	3436N 08236W	24.4	147.0	GGGG		
2691-15143	00000/0000	2-10025/1233	12/13/76	80	9634	3310N 08302W	25.5	146.4	GGGG		
2691-15150	00000/0000	2-10025/1234	12/13/76	90	9634	3144N 08327W	26.5	145.7	GG G		
2691-15152	00000/0000	2-10025/1235	12/13/76	90	9634	3017N 08352W	27.5	145.0	GGGG		
2691-15155	00000/0000	2-10025/1236	12/13/76	90	9634	2851N 08417W	28.6	144.3	GGGG		
2691-15161	00000/0000	2-10025/1237	12/13/76	80	9634	2725N 08441W	29.6	143.6	GGGG		
2691-16531	00000/0000	2-10025/1190	12/13/76	90	9635	4850N 10318W	13.6	153.2	GG G		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
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FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	ROLL NO./ MSB	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	POINT LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2691-16534	00000/0000	2-10025/1191	12/13/76	50	9635	4725N	10355W	14.7	152.6	GGFF		
2691-16540	00000/0000	2-10025/1192	12/13/76	50	9635	4601N	10430W	15.8	152.0	GGGG		
2691-16543	00000/0000	2-10025/1193	12/13/76	80	9635	4435N	10503W	16.9	151.4	GGGG		
2691-16545	00000/0000	2-10025/1194	12/13/76	20	9635	4309N	10535W	18.0	150.8	GGGG		
2691-16552	00000/0000	2-10025/1195	12/13/76	10	9635	4144N	10606W	19.1	150.1	GGGG		
2691-16554	00000/0000	2-10025/1196	12/13/76	10	9635	4019N	10636W	20.2	149.5	GGGG		
2691-16561	00000/0000	2-10025/1197	12/13/76	0	9635	3854N	10705W	21.2	148.9	GGGG		
2691-16563	00000/0000	2-10025/1198	12/13/76	0	9635	3728N	10733W	22.3	148.3	GGGG		
2691-16570	00000/0000	2-10025/1199	12/13/76	0	9635	3602N	10800W	23.4	147.7	GGGG		
2691-16572	00000/0000	2-10025/1200	12/13/76	0	9635	3436N	10826W	24.4	147.0	GGGG		
2691-16575	00000/0000	2-10025/1201	12/13/76	10	9635	3310N	10852W	25.5	146.4	FGGG		
2691-16581	00000/0000	2-10025/1202	12/13/76	20	9635	3144N	10917W	26.5	145.7	GGGG		
2691-16584	00000/0000	2-10025/1203	12/13/76	10	9635	3018N	10942W	27.5	145.0	GGGP		
2692-15154	00000/0000	2-10025/1238	12/14/76	100	9648	4852N	07851W	13.5	153.1	GGGG		
2692-15160	00000/0000	2-10025/1239	12/14/76	100	9648	4727N	07928W	14.6	152.5	GGGG		
2692-15163	00000/0000	2-10025/1240	12/14/76	40	9648	4602N	08003W	15.7	151.9	GGGG		
2692-15165	00000/0000	2-10025/1241	12/14/76	60	9648	4437N	08036W	16.8	151.3	GGGG		
2692-15172	00000/0000	2-10025/1242	12/14/76	40	9648	4312N	08109W	17.9	150.7	GGGG		
2692-15174	00000/0000	2-10025/1243	12/14/76	20	9648	4146N	08140W	19.0	150.1	GGGG		
2692-15181	00000/0000	2-10025/1244	12/14/76	10	9648	4021N	08210W	20.0	149.5	GGGG		
2692-15183	00000/0000	2-10025/1245	12/14/76	0	9648	3856N	08239W	21.1	148.9	GGGG		
2692-15190	00000/0000	2-10025/1246	12/14/76	0	9648	3730N	08307W	22.2	148.2	GGGG		
2692-15192	00000/0000	2-10025/1247	12/14/76	0	9648	3605N	08334W	23.2	147.6	GGGG		
2692-15195	00000/0000	2-10025/1248	12/14/76	10	9648	3438N	08401W	24.3	147.0	GGGG		
2692-15201	00000/0000	2-10025/1249	12/14/76	40	9648	3312N	08427W	25.3	146.3	FGGG		
2692-15204	00000/0000	2-10025/1250	12/14/76	90	9648	3146N	08453W	26.4	145.6	GGGG		
2692-15210	00000/0000	2-10025/1251	12/14/76	100	9648	3020N	08518W	27.4	145.0	GGGG		
2692-15213	00000/0000	2-10025/1252	12/14/76	100	9648	2855N	08542W	28.4	144.3	GGGG		
2692-15215	00000/0000	2-10025/1253	12/14/76	100	9648	2729N	08606W	29.4	143.5	GGGG		
2692-16585	00000/0000	2-10025/1254	12/14/76	70	9649	4852N	10442W	13.5	153.1	GGGG		
2692-16592	00000/0000	2-10025/1255	12/14/76	10	9649	4727N	10518W	14.6	152.5	GGGG		
2692-16594	00000/0000	2-10025/1256	12/14/76	0	9649	4602N	10553W	15.7	151.9	GGGG		
2692-17001	00000/0000	2-10025/1257	12/14/76	0	9649	4437N	10627W	16.8	151.3	FGGG		
2692-17003	00000/0000	2-10025/1258	12/14/76	0	9649	4312N	10659W	17.9	150.7	GGGG		
2692-17010	00000/0000	2-10025/1259	12/14/76	10	9649	4146N	10731W	18.9	150.1	GGGG		
2692-17012	00000/0000	2-10025/1260	12/14/76	10	9649	4021N	10801W	20.0	149.5	FGGG		

KEYS: CLOUD COVER % 0 TO 100 * % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
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FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2692-17015	00000/0000	2-10025/1261	12/14/76	0	9649	3855N 10830W	21.1	148.9	GGGG		
2692-17021	00000/0000	2-10025/1262	12/14/76	0	9649	3730N 10858W	22.2	148.2	GGGG		
2692-17024	00000/0000	2-10025/1263	12/14/76	10	9649	3604N 10925W	23.2	147.6	GGGG		
2692-17030	00000/0000	2-10025/1264	12/14/76	10	9649	3439N 10951W	24.3	147.0	GGGG		
2692-17033	00000/0000	2-10025/1265	12/14/76	10	9649	3313N 11017W	25.3	146.3	GGGG		
2692-17035	00000/0000	2-10025/1266	12/14/76	10	9649	3147N 11042W	26.4	145.6	FGGG		
2692-17042	00000/0000	2-10025/1267	12/14/76	20	9649	3021N 11107W	27.4	145.0	FGGG		
2693-15212	00000/0000	2-10025/1269	12/15/76	10	9662	4851N 08018W	13.4	153.0	GGGG		
2693-15214	00000/0000	2-10025/1270	12/15/76	0	9662	4727N 08054W	14.5	152.4	GGGG		
2693-15221	00000/0000	2-10025/1271	12/15/76	70	9662	4602N 08129W	15.6	151.8	GGGG		
2693-15223	00000/0000	2-10025/1272	12/15/76	40	9662	4436N 08203W	16.7	151.2	GGGG		
2693-15230	00000/0000	2-10025/1273	12/15/76	10	9662	4311N 08235W	17.8	150.6	GGFG		
2693-15232	00000/0000	2-10025/1274	12/15/76	10	9662	4145N 08306W	18.9	150.0	GGGG		
2693-15235	00000/0000	2-10025/1275	12/15/76	10	9662	4020N 08336W	19.9	149.4	GGFG		
2693-15241	00000/0000	2-10025/1276	12/15/76	10	9662	3855N 08405W	21.0	148.8	GGGG		
2693-15244	00000/0000	2-10025/1277	12/15/76	30	9662	3729N 08433W	22.1	148.1	GGGG		
2693-15250	00000/0000	2-10025/1278	12/15/76	40	9662	3604N 08501W	23.1	147.5	GGGG		
2693-15253	00000/0000	2-10025/1279	12/15/76	60	9662	3438N 08528W	24.2	146.9	GGGG		
2693-15255	00000/0000	2-10025/1280	12/15/76	80	9662	3312N 08554W	25.2	146.2	FGGG		
2693-15262	00000/0000	2-10025/1281	12/15/76	90	9662	3146N 08619W	26.3	145.6	GGGG		
2693-15264	00000/0000	2-10025/1282	12/15/76	90	9662	3020N 08644W	27.3	144.9	GGGG		
2693-15271	00000/0000	2-10025/1283	12/15/76	90	9662	2854N 08708W	28.3	144.2	GGGG		
2693-15273	00000/0000	2-10025/1284	12/15/76	80	9662	2728N 08732W	29.3	143.4	GGGG		
2693-17044	00000/0000	2-10025/1285	12/15/76	20	9663	4851N 10608W	13.4	153.0	FGGG		
2693-17050	00000/0000	2-10025/1286	12/15/76	10	9663	4726N 10645W	14.5	152.4	FGGG		
2693-17053	00000/0000	2-10025/1287	12/15/76	10	9663	4601N 10720W	15.6	151.8	GGGG		
2693-17055	00000/0000	2-10025/1288	12/15/76	0	9663	4436N 10754W	16.7	151.2	GGGG		
2693-17062	00000/0000	2-10025/1289	12/15/76	0	9663	4311N 10826W	17.8	150.6	GGGG		
2693-17064	00000/0000	2-10025/1290	12/15/76	0	9663	4145N 10857W	18.9	150.0	GGGG		
2693-17071	00000/0000	2-10025/1291	12/15/76	0	9663	4020N 10927W	19.9	149.4	FGGG		
2693-17073	00000/0000	2-10025/1292	12/15/76	0	9663	3854N 10956W	21.0	148.8	GGFG		
2693-17080	00000/0000	2-10025/1293	12/15/76	0	9663	3729N 11024W	22.1	148.1	GGGG		
2693-17082	00000/0000	2-10025/1294	12/15/76	0	9663	3603N 11052W	23.1	147.5	FGGG		
2693-17085	00000/0000	2-10025/1295	12/15/76	0	9663	3437N 11118W	24.2	146.9	GGGG		
2693-17091	00000/0000	2-10025/1296	12/15/76	0	9663	3310N 11144W	25.2	146.2	GGGG		
2693-17094	00000/0000	2-10025/1297	12/15/76	10	9663	3144N 11209W	26.3	145.5	FGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

PAGE 0053

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2693-17100	00000/0000	2-10025/1298	12/15/76	0	9663	3019N 11234W	27.3	144.9	GFGG		
2694-15270	00000/0000	2-10025/1369	12/16/76	50	9676	4850N 08145W	13.3	152.9	GGGG		
2694-15273	00000/0000	2-10025/1370	12/16/76	90	9676	4726N 08222W	14.4	152.3	GGGG		
2694-15275	00000/0000	2-10025/1371	12/16/76	90	9676	4601N 08256W	15.5	151.7	GGGF		
2694-15282	00000/0000	2-10025/1372	12/16/76	90	9676	4435N 08329W	16.6	151.1	GGGG		
2694-15284	00000/0000	2-10025/1373	12/16/76	90	9676	4310N 08401W	17.7	150.5	GGGG		
2694-15291	00000/0000	2-10025/1374	12/16/76	90	9676	4145N 08432W	18.8	149.9	GGGG		
2694-15293	00000/0000	2-10025/1375	12/16/76	100	9676	4020N 08502W	19.9	149.3	GGGG		
2694-15300	00000/0000	2-10025/1376	12/16/76	80	9676	3854N 08532W	20.9	148.7	GGGG		
2694-15302	00000/0000	2-10025/1377	12/16/76	20	9676	3728N 08600W	22.0	148.0	GGGG		
2694-15305	00000/0000	2-10025/1378	12/16/76	10	9676	3602N 08627W	23.1	147.4	GGGG		
2694-15311	00000/0000	2-10025/1379	12/16/76	10	9676	3436N 08654W	24.1	146.8	GGGG		
2694-15314	00000/0000	2-10025/1380	12/16/76	20	9676	3310N 08720W	25.2	146.1	GGFG		
2694-15320	00000/0000	2-10025/1381	12/16/76	10	9676	3144N 08746W	26.2	145.5	FGGG		
2694-15323	00000/0000	2-10025/1382	12/16/76	20	9676	3018N 08811W	27.2	144.8	GGGG		
2694-15325	00000/0000	2-10025/1383	12/16/76	60	9676	2851N 08836W	28.2	144.1	GGGG		
2694-15332	00000/0000	2-10025/1384	12/16/76	90	9676	2725N 08859W	29.2	143.4	GGG		
2694-17102	00000/0000	2-10025/1299	12/16/76	20	9677	4850N 10735W	13.3	152.9	FGGG		
2694-17104	00000/0000	2-10025/1300	12/16/76	90	9677	4726N 10812W	14.4	152.3	FGGG		
2694-17111	00000/0000	2-10025/1301	12/16/76	70	9677	4601N 10847W	15.5	151.7	GGGG		
2694-17113	00000/0000	2-10025/1302	12/16/76	30	9677	4435N 10921W	16.6	151.1	GGGG		
2694-17120	00000/0000	2-10025/1303	12/16/76	20	9677	4310N 10953W	17.7	150.5	GGGG		
2694-17122	00000/0000	2-10025/1304	12/16/76	30	9677	4144N 11024W	18.8	149.9	GGGG		
2694-17125	00000/0000	2-10025/1305	12/16/76	20	9677	4019N 11054W	19.9	149.3	GGGG		
2694-17131	00000/0000	2-10025/1306	12/16/76	10	9677	3853N 11123W	20.9	148.3	GGGG		
2694-17134	00000/0000	2-10025/1307	12/16/76	0	9677	3727N 11151W	22.0	148.0	GFGG		
2694-17140	00000/0000	2-10025/1308	12/16/76	0	9677	3602N 11218W	23.1	147.4	FFGG		
2694-17143	00000/0000	2-10025/1309	12/16/76	0	9677	3435N 11245W	24.1	146.8	GGGG		
2694-17145	00000/0000	2-10025/1310	12/16/76	0	9677	3310N 11311W	25.2	146.1	GGGG		
2694-17152	00000/0000	2-10025/1311	12/16/76	0	9677	3144N 11336W	26.2	145.4	GGGG		
2694-17154	00000/0000	2-10025/1312	12/16/76	10	9677	3018N 11401W	27.2	144.8	GGGF		
2695-15324	00000/0000	2-10025/1313	12/17/76	40	9690	4853N 08311W	13.2	152.8	GFGG		
2695-15331	00000/0000	2-10025/1314	12/17/76	80	9690	4729N 08347W	14.3	152.2	GGGG		
2695-15333	00000/0000	2-10025/1315	12/17/76	90	9690	4604N 08423W	15.4	151.6	FGGG		
2695-15340	00000/0000	2-10025/1316	12/17/76	90	9690	4439N 08457W	16.5	151.0	GGGG		
2695-15342	00000/0000	2-10025/1317	12/17/76	90	9690	4313N 08520W	17.6	150.4	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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OBSERVATION ID LISTING
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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN
2695-15345	00000/0000	2-10025/1318	12/17/76	40	9690	4147N 08601W	18.7	149.8	GGGG	
2695-15351	00000/0000	2-10025/1319	12/17/76	20	9690	4021N 08631W	19.8	149.2	GFGG	
2695-15354	00000/0000	2-10025/1320	12/17/76	0	9690	3855N 08659W	20.8	148.6	GFGG	
2695-15360	00000/0000	2-10025/1321	12/17/76	0	9690	3729N 08728W	21.9	148.0	GGGG	
2695-15363	00000/0000	2-10025/1322	12/17/76	0	9690	3603N 08755W	22.9	147.3	GGGG	
2695-15365	00000/0000	2-10025/1323	12/17/76	0	9690	3438N 08821W	24.0	146.7	GGGG	
2695-15372	00000/0000	2-10025/1324	12/17/76	10	9690	3312N 08847W	25.0	146.0	GGGG	
2695-15374	00000/0000	2-10025/1325	12/17/76	10	9690	3146N 08912W	26.1	145.4	GGGG	
2695-15381	00000/0000	2-10025/1326	12/17/76	10	9690	3020N 08934W	27.1	144.7	GGGG	
2695-15383	00000/0000	2-10025/1327	12/17/76	10	9690	2854N 09001W	28.1	144.0	GFFF	
2695-17160	00000/0000	2-10025/1343	12/17/76	20	9691	4853N 10936W	13.2	152.8	GFGF	
2695-17162	00000/0000	2-10025/1344	12/17/76	0	9691	4728N 11011W	14.3	152.2	GGGG	
2695-17165	00000/0000	2-10025/1345	12/17/76	10	9691	4603N 11045W	15.4	151.6	GGFG	
2695-17171	00000/0000	2-10025/1346	12/17/76	10	9691	4438N 11117W	16.5	151.0	GGGF	
2695-17174	00000/0000	2-10025/1347	12/17/76	0	9691	4312N 11148W	17.6	150.4	GGG	
2695-17180	00000/0000	2-10025/1348	12/17/76	10	9691	4147N 11218W	18.7	149.8	GFGG	
2695-17183	00000/0000	2-10025/1349	12/17/76	10	9691	4022N 11248W	19.7	149.2	FFGG	
2695-17185	00000/0000	2-10025/1350	12/17/76	0	9691	3856N 11316W	20.8	148.6	GGGG	
2695-17192	00000/0000	2-10025/1351	12/17/76	0	9691	3730N 11343W	21.9	148.0	GGGG	
2695-17194	00000/0000	2-10025/1352	12/17/76	0	9691	3605N 11410W	22.9	147.3	GGGG	
2695-17201	00000/0000	2-10025/1353	12/17/76	10	9691	3439N 11435W	24.0	146.7	FGGF	
2695-17203	00000/0000	2-10025/1354	12/17/76	10	9691	3312N 11501W	25.0	146.0	GGGG	
2695-17210	00000/0000	2-10025/1355	12/17/76	10	9691	3146N 11501W	26.1	145.4	FGGF	
2696-15382	00000/0000	2-10025/1328	12/18/76	100	9704	4852N 08440W	13.2	152.7	GGGG	
2696-15385	2-10025/1654	2-10025/1329	12/18/76	80	9704	4727N 08516W	14.3	152.1	GGG GGGG	
2696-15391	00000/0000	2-10025/1330	12/18/76	70	9704	4603N 08551W	15.4	151.5	GGGG	
2696-15394	00000/0000	2-10025/1331	12/18/76	40	9704	4437N 08624W	16.4	150.9	GGGG	
2696-15400	00000/0000	2-10025/1332	12/18/76	20	9704	4312N 08656W	17.5	150.3	FFGG	
2696-15403	2-10025/1655	2-10025/1333	12/18/76	0	9704	4146N 08727W	18.6	149.7	GGF GGGG	
2696-15405	00000/0000	2-10025/1334	12/18/76	0	9704	4021N 08756W	19.7	149.1	GGGG	
2696-15410	2-10025/1656	00000/0000	12/18/76	0	9704	4018N 08754W	19.7	149.1	GGG	
2696-15412	2-10025/1657	2-10025/1335	12/18/76	0	9704	3855N 08825W	20.8	148.5	FFG GGGG	
2696-15414	00000/0000	2-10025/1336	12/18/76	0	9704	3730N 08853W	21.8	147.9	GGGG	
2696-15415	2-10025/1658	00000/0000	12/18/76	10	9704	3727N 08851W	21.8	147.8	GGG	
2696-15421	2-10025/1659	2-10025/1337	12/18/76	10	9704	3604N 08920W	22.9	147.2	FGG GGGG	
2696-15423	00000/0000	2-10025/1338	12/18/76	10	9704	3438N 08947W	23.9	146.6	GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

21113 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

PAGE 0055

OBSERVATION ID	MICROFILM ROLL No./ POSITION IN ROLL RBV	MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN
										123 45678		
2696-15424	2-10025/1660	00000/0000	12/18/76	10	9704	3435N	08945W	23.9	146.6	GGG		
2696-15430	2-10025/1661	2-10025/1339	12/18/76	20	9704	3312N	09013W	25.0	145.9	GGG	GGGG	
2696-15432	00000/0000	2-10025/1340	12/18/76	20	9704	3146N	09038W	26.0	145.3		GGGG	
2696-15435	00000/0000	2-10025/1341	12/18/76	40	9704	3020N	09103W	27.0	144.6		GGGG	
2696-15441	00000/0000	2-10025/1342	12/18/76	30	9704	2854N	09127W	28.0	143.9		GGGG	
2696-17214	00000/0000	2-10025/1356	12/18/76	60	9705	4852N	11025W	13.2	152.7		GGG	
2696-17221	00000/0000	2-10025/1357	12/18/76	70	9705	4728N	11102W	14.3	152.1		GGGG	
2696-17223	00000/0000	2-10025/1358	12/18/76	40	9705	4603N	11137W	15.4	151.5		GGGG	
2696-17230	00000/0000	2-10025/1359	12/18/76	20	9705	4438N	11211W	16.4	150.9		GGGG	
2696-17232	00000/0000	2-10025/1360	12/18/76	30	9705	4312N	11243W	17.5	150.3		GGGG	
2696-17235	00000/0000	2-10025/1361	12/18/76	40	9705	4147N	11314W	18.6	149.7		GGGG	
2696-17241	00000/0000	2-10025/1362	12/18/76	20	9705	4021N	11344W	19.7	149.1		GGGG	
2696-17244	00000/0000	2-10025/1363	12/18/76	0	9705	3856N	11414W	20.7	148.5		GGGG	
2696-17250	00000/0000	2-10025/1364	12/18/76	0	9705	3730N	11442W	21.8	147.8		GGGG	
2696-17253	00000/0000	2-10025/1365	12/18/76	20	9705	3603N	11509W	22.9	147.2		GGGG	
2696-17255	00000/0000	2-10025/1366	12/18/76	10	9705	3436N	11535W	23.9	146.6		GGGG	
2696-17262	00000/0000	2-10025/1367	12/18/76	20	9705	3312N	11601W	25.0	145.9		GGGG	
2696-17264	00000/0000	2-10025/1368	12/18/76	50	9705	3146N	11626W	26.0	145.3		GGGG	
2697-15441	00000/0000	2-10025/1385	12/19/76	90	9718	4852N	08603W	13.1	152.6		GGGG	
2697-15443	00000/0000	2-10025/1386	12/19/76	90	9718	4727N	08640W	14.2	152.0		GGGG	
2697-15450	00000/0000	2-10025/1387	12/19/76	90	9718	4602N	08715W	15.3	151.4		GGGG	
2697-15452	00000/0000	2-10025/1388	12/19/76	90	9718	4437N	08748W	16.4	150.8		GGGG	
2697-15455	00000/0000	2-10025/1389	12/19/76	40	9718	4312N	08821W	17.5	150.2		GGGG	
2697-15461	00000/0000	2-10025/1390	12/19/76	40	9718	4146N	08852W	18.5	149.6		GGGG	
2697-15464	00000/0000	2-10025/1391	12/19/76	60	9718	4021N	08922W	19.6	149.0		GGGG	
2697-15470	00000/0000	2-10025/1392	12/19/76	40	9718	3855N	08951W	20.7	148.4		GGGG	
2697-15473	00000/0000	2-10025/1393	12/19/76	10	9718	3730N	09019W	21.7	147.7		GGGG	
2697-15475	00000/0000	2-10025/1394	12/19/76	30	9718	3604N	09046W	22.8	147.1		GGGG	
2697-15482	00000/0000	2-10025/1395	12/19/76	70	9718	3438N	09112W	23.8	146.5		GGGG	
2697-15484	00000/0000	2-10025/1396	12/19/76	80	9718	3312N	09139W	24.9	145.8		GGGG	
2697-17272	00000/0000	2-10025/1397	12/19/76	10	9719	4852N	11152W	13.1	152.6		FFFF	
2697-17275	00000/0000	2-10025/1398	12/19/76	10	9719	4727N	11228W	14.2	152.0		GGGG	
2697-17281	00000/0000	2-10025/1399	12/19/76	0	9719	4602N	11303W	15.3	151.4		GGGG	
2697-17284	00000/0000	2-10025/1400	12/19/76	0	9719	4436N	11336W	16.4	150.8		GGGG	
2697-17290	00000/0000	2-10025/1401	12/19/76	0	9719	4311N	11409W	17.5	150.2		GGGG	
2697-17293	00000/0000	2-10025/1402	12/19/76	0	9719	4146N	11440W	18.5	149.6		GGGG	

KEYS: CLOUD COVER % 0 TO 100 * % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

21:13 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

PAGE 0056

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SRBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2697-17295	00000/0000	2-10025/1403	12/19/76	0	9719	4020N	11510W	19.6	149.0	GGGG	
2697-17302	00000/0000	2-10025/1404	12/19/76	0	9719	3854N	11539W	20.7	148.3	GGGG	
2697-17304	00000/0000	2-10025/1405	12/19/76	0	9719	3729N	11608W	21.7	147.7	GGGG	
2697-17311	00000/0000	2-10025/1406	12/19/76	40	9719	3603N	11636W	22.8	147.1	GGGG	
2697-17313	00000/0000	2-10025/1407	12/19/76	20	9719	3436N	11702W	23.8	146.5	GGGG	
2697-17320	00000/0000	2-10025/1408	12/19/76	10	9719	3311N	11728W	24.9	145.8	GGGG	
2698-15495	00000/0000	2-10025/1409	12/20/76	20	9732	4851N	08729W	13.1	152.5	GGGG	
2698-15501	00000/0000	2-10025/1410	12/20/76	80	9732	4726N	08805W	14.2	151.9	GGGG	
2698-15504	00000/0000	2-10025/1411	12/20/76	30	9732	4601N	08840W	15.2	151.3	GGGG	
2698-15510	00000/0000	2-10025/1412	12/20/76	30	9732	4436N	08914W	16.3	150.7	GGGG	
2698-15513	00000/0000	2-10025/1413	12/20/76	50	9732	4311N	08946W	17.4	150.1	GGGF	
2698-15515	00000/0000	2-10025/1414	12/20/76	60	9732	4145N	09017W	18.5	149.5	GGGG	
2698-15522	00000/0000	2-10025/1415	12/20/76	50	9732	4019N	09047W	19.6	148.8	GGGG	
2698-15524	00000/0000	2-10025/1416	12/20/76	10	9732	3854N	09116W	20.6	148.2	GGGG	
2698-15531	00000/0000	2-10025/1417	12/20/76	0	9732	3728N	09145W	21.7	147.6	GGGG	
2698-15533	00000/0000	2-10025/1418	12/20/76	0	9732	3602N	09212W	22.7	147.0	GGGG	
2698-15540	00000/0000	2-10025/1419	12/20/76	0	9732	3436N	09239W	23.8	146.4	GGGG	
2698-15542	00000/0000	2-10025/1420	12/20/76	0	9732	3310N	09305W	24.8	145.7	GGGG	
2698-15545	00000/0000	2-10025/1421	12/20/76	0	9732	3145N	09330W	25.8	145.1	GGGG	
2698-15551	00000/0000	2-10025/1422	12/20/76	30	9732	3019N	09355W	26.9	144.4	GGGG	
2698-15554	00000/0000	2-10025/1423	12/20/76	50	9732	2853N	09419W	27.9	143.7	GGGG	
2698-15560	00000/0000	2-10025/1424	12/20/76	70	9732	2727N	09443W	28.9	143.0	GGGG	
2698-15563	00000/0000	2-10025/1425	12/20/76	90	9732	2600N	09507W	29.9	142.2	GGGG	
2698-15565	00000/0000	2-10025/1426	12/20/76	90	9732	2434N	09530W	30.8	141.5	GGGG	
2698-17330	00000/0000	2-10025/1427	12/20/76	60	9733	4855N	11316W	13.0	152.5	GGGG	
2698-17333	00000/0000	2-10025/1428	12/20/76	20	9733	4729N	11353W	14.1	151.9	GGGG	
2698-17335	00000/0000	2-10025/1429	12/20/76	0	9733	4604N	11429W	15.2	151.3	GGGG	
2698-17342	00000/0000	2-10025/1430	12/20/76	0	9733	4439N	11503W	16.3	150.7	GGGG	
2698-17344	00000/0000	2-10025/1431	12/20/76	0	9733	4314N	11535W	17.4	150.1	GGGG	
2698-17351	00000/0000	2-10025/1432	12/20/76	0	9733	4149N	11606W	18.4	149.5	GGGG	
2698-17353	00000/0000	2-10025/1433	12/20/76	0	9733	4023N	11636W	19.5	148.9	GGGG	
2698-17360	00000/0000	2-10025/1434	12/20/76	0	9733	3858N	11706W	20.6	148.3	GGGG	
2698-17362	00000/0000	2-10025/1435	12/20/76	0	9733	3732N	11734W	21.6	147.6	GGGF	
2698-17365	00000/0000	2-10025/1436	12/20/76	0	9733	3607N	11801W	22.7	147.0	GGGG	
2698-17371	00000/0000	2-10025/1437	12/20/76	0	9733	3440N	11828W	23.7	146.4	GGGF	
2699-15553	00000/0000	2-10025/1438	12/21/76	0	9746	4854N	08855W	13.0	152.4	GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

PAGE 0057

OBSERVATION ID	MICROFILM ROLL No./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2699-15555	00000/0000 2-10025/1439	12/21/76	70	9746	4730N	08932W	14.1 151.8	GGGG		
2699-15562	00000/0000 2-10025/1440	12/21/76	10	9746	4605N	09007W	15.2 151.2	GGGG		
2699-15564	00000/0000 2-10025/1441	12/21/76	0	9746	4439N	09041W	16.2 150.6	GGGG		
2699-15571	00000/0000 2-10025/1442	12/21/76	10	9746	4314N	09113W	17.3 150.0	FGGG		
2699-15573	00000/0000 2-10025/1443	12/21/76	60	9746	4149N	09144W	18.4 149.4	FFFF		
2699-15580	00000/0000 2-10025/1444	12/21/76	40	9746	4024N	09214W	19.5 148.8	FGGG		
2699-15582	00000/0000 2-10025/1445	12/21/76	0	9746	3858N	09243W	20.5 148.1	FGGG		
2699-15585	00000/0000 2-10025/1446	12/21/76	0	9746	3732N	09311W	21.6 147.5	FGGF		
2699-15591	00000/0000 2-10025/1447	12/21/76	0	9746	3606N	09339W	22.6 146.9	FGGG		
2699-15594	00000/0000 2-10025/1448	12/21/76	0	9746	3440N	09405W	23.7 146.3	FGGG		
2699-16000	00000/0000 2-10025/1449	12/21/76	0	9746	3314N	09432W	24.7 145.6	FGGG		
2699-16003	00000/0000 2-10025/1450	12/21/76	20	9746	3148N	09457W	25.7 145.0	FGGG		
2699-16005	00000/0000 2-10025/1451	12/21/76	0	9746	3022N	09522W	26.8 144.3	GGGG		
2699-16012	00000/0000 2-10025/1452	12/21/76	10	9746	2856N	09546W	27.8 143.6	GGGG		
2699-16014	00000/0000 2-10025/1453	12/21/76	80	9746	2730N	09610W	28.8 142.9	GGGG		
2699-16021	00000/0000 2-10025/1454	12/21/76	90	9746	2603N	09633W	29.7 142.1	GGGG		
2699-16023	00000/0000 2-10025/1455	12/21/76	90	9746	2436N	09656W	30.7 141.4	GGGG		
2699-17385	00000/0000 2-10025/1456	12/21/76	20	9747	4855N	11442W	13.0 152.4	GGGG		
2699-17391	00000/0000 2-10025/1457	12/21/76	30	9747	4730N	11518W	14.1 151.8	PGGG		
2699-17394	00000/0000 2-10025/1458	12/21/76	40	9747	4605N	11553W	15.2 151.1	PGGG		
2699-17400	00000/0000 2-10025/1459	12/21/76	30	9747	4440N	11627W	16.2 150.5	GGGG		
2699-17403	00000/0000 2-10025/1460	12/21/76	50	9747	4314N	11700W	17.3 149.9	GGGG		
2699-17405	00000/0000 2-10025/1461	12/21/76	10	9747	4147N	11731W	18.4 149.3	GGGG		
2699-17412	00000/0000 2-10025/1462	12/21/76	0	9747	4022N	11802W	19.5 148.7	GGGG		
2699-17414	00000/0000 2-10025/1463	12/21/76	0	9747	3856N	11831W	20.5 148.1	GGGG		
2699-17421	00000/0000 2-10025/1464	12/21/76	0	9747	3731N	11900W	21.6 147.5	GGGG		
2699-17423	00000/0000 2-10025/1465	12/21/76	10	9747	3605N	11927W	22.6 146.9	GGGG		
2699-17430	00000/0000 2-10025/1466	12/21/76	0	9747	3439N	11954W	23.7 146.3	GGGG		
2700-14182	00000/0000 2-10025/1467	12/22/76	40	9759	4730N	06505W	14.0 151.6	GGGG		
2700-14185	00000/0000 2-10025/1482	12/22/76	10	9759	4605N	06540W	15.1 151.0	GG		
2700-14191	00000/0000 2-10025/1468	12/22/76	70	9759	4440N	06614W	16.2 150.4	GGGG		
2700-14194	00000/0000 2-10025/1469	12/22/76	90	9759	4314N	06647W	17.3 149.8	GGGG		
2700-16011	00000/0000 2-10025/1470	12/22/76	90	9760	4854N	09021W	12.9 152.2	GGGG		
2700-16014	00000/0000 2-10025/1471	12/22/76	90	9760	4728N	09059W	14.0 151.6	GGGG		
2700-16020	00000/0000 2-10025/1472	12/22/76	100	9760	4603N	09133W	15.1 151.0	FGGG		
2700-16023	00000/0000 2-10025/1473	12/22/76	100	9760	4438N	09206W	16.2 150.4	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

21113 JAN 13, 1977

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OBSERVATION ID LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2700-16025	00000/0000	2-10025/1474	12/22/76	70	9760	4313N 09238W	17.3	149.8	GGGG		
2700-16032	00000/0000	2-10025/1475	12/22/76	90	9760	4148N 09309W	18.4	149.2	GGGG		
2700-16034	00000/0000	2-10025/1476	12/22/76	20	9760	4023N 09339W	19.4	148.6	GGGG		
2700-16041	00000/0000	2-10025/1477	12/22/76	10	9760	3857N 09407W	20.5	148.0	GGGG		
2700-16043	00000/0000	2-10025/1478	12/22/76	10	9760	3731N 09436W	21.5	147.4	GGGG		
2700-16050	00000/0000	2-10025/1479	12/22/76	0	9760	3606N 09503W	22.6	146.8	GGG		
2700-16052	00000/0000	2-10025/1480	12/22/76	20	9760	3440N 09530W	23.6	146.1	GGGG		
2700-16055	00000/0000	2-10025/1481	12/22/76	10	9760	3314N 09556W	24.7	145.5	GGGG		
2700-17443	00000/0000	2-10025/1483	12/22/76	70	9761	4854N 11608W	12.9	152.2	GGGG		
2700-17445	00000/0000	2-10025/1484	12/22/76	80	9761	4730N 11645W	14.0	151.6	GGGG		
2700-17452	00000/0000	2-10025/1485	12/22/76	40	9761	4605N 11720W	15.1	151.0	GGGG		
2700-17454	00000/0000	2-10025/1486	12/22/76	10	9761	4440N 11754W	16.2	150.4	GGGG		
2700-17461	00000/0000	2-10025/1487	12/22/76	10	9761	4314N 11826W	17.3	149.8	FGGG		
2700-17463	00000/0000	2-10025/1488	12/22/76	20	9761	4149N 11858W	18.4	149.2	GGGG		
2700-17470	00000/0000	2-10025/1489	12/22/76	40	9761	4023N 11928W	19.4	148.6	FGFG		
2700-17472	00000/0000	2-10025/1490	12/22/76	30	9761	3857N 11957W	20.5	148.0	FGGG		
2700-17475	00000/0000	2-10025/1491	12/22/76	60	9761	3732N 12026W	21.5	147.4	GGGG		
2700-17481	00000/0000	2-10025/1492	12/22/76	40	9761	3606N 12053W	22.6	146.8	GGFG		
2700-17484	00000/0000	2-10025/1493	12/22/76	20	9761	3440N 12120W	23.6	146.1	GGGG		
2701-16065	00000/0000	2-10025/1504	12/23/76	10	9774	4855N 09145W	12.9	152.1	GGFG		
2701-16072	00000/0000	2-10025/1505	12/23/76	10	9774	4730N 09222W	14.0	151.5	GGGG		
2701-16074	00000/0000	2-10025/1506	12/23/76	10	9774	4605N 09258W	15.1	150.9	GGGC		
2701-16081	00000/0000	2-10025/1507	12/23/76	10	9774	4439N 09331W	16.2	150.3	GGGG		
2701-16083	00000/0000	2-10025/1508	12/23/76	10	9774	4314N 09404W	17.2	149.7	GGG		
2701-16090	00000/0000	2-10025/1509	12/23/76	10	9774	4148N 09435W	18.3	149.1	GGGG		
2701-16092	00000/0000	2-10025/1503	12/23/76	10	9774	4022N 09504W	19.4	148.5	G GG		
2701-16095	00000/0000	2-10025/1510	12/23/76	0	9774	3857N 09533W	20.4	147.9	GGGG		
2701-16101	00000/0000	2-10025/1511	12/23/76	0	9774	3731N 09601W	21.5	147.3	GGGG		
2701-16104	00000/0000	2-10025/1512	12/23/76	0	9774	3605N 09629W	22.5	146.7	GGGG		
2701-16110	00000/0000	2-10025/1513	12/23/76	0	9774	3439N 09656W	23.6	146.0	GGGG		
2701-16113	00000/0000	2-10025/1514	12/23/76	0	9774	3313N 09722W	24.6	145.4	GGGG		
2701-16115	00000/0000	2-10025/1515	12/23/76	0	9774	3147N 09748W	25.6	144.7	GGGG		
2701-16122	00000/0000	2-10025/1516	12/23/76	10	9774	3021N 09812W	26.6	144.0	GGGG		
2701-16124	00000/0000	2-10025/1517	12/23/76	20	9774	2854N 09836W	27.6	143.3	GGG		
2701-16131	00000/0000	2-10025/1518	12/23/76	50	9774	2728N 09900W	28.6	142.6	GGGG		
2701-16133	00000/0000	2-10025/1519	12/23/76	90	9774	2602N 09923W	29.6	141.9	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

PAGE 0059

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2701-17501	00000/0000	2-10025/1520	12/23/76	70	9775	4854N 11735W	12.9	152.1	GGGG		
2701-17503	00000/0000	2-10025/1521	12/23/76	70	9775	4729N 11812W	14.0	151.5	GGG		
2701-17510	00000/0000	2-10025/1522	12/23/76	50	9775	4605N 11848W	15.1	150.9	GGGG		
2701-17512	00000/0000	2-10025/1523	12/23/76	40	9775	4440N 11921W	16.2	150.3	GGGG		
2701-17515	00000/0000	2-10025/1524	12/23/76	30	9775	4314N 11954W	17.2	149.7	GGGG		
2701-17521	00000/0000	2-10025/1525	12/23/76	60	9775	4148N 12025W	18.3	149.1	GGGG		
2701-17524	00000/0000	2-10025/1526	12/23/76	60	9775	4022N 12055W	19.4	148.5	GGGG		
2701-17530	00000/0000	2-10025/1527	12/23/76	70	9775	3856N 12124W	20.4	147.9	GGGG		
2701-17533	00000/0000	2-10025/1528	12/23/76	60	9775	3730N 12152W	21.5	147.3	GGGG		
2701-17535	00000/0000	2-10025/1529	12/23/76	30	9775	3604N 12220W	22.5	146.6	GGGG		
2701-17542	00000/0000	2-10025/1530	12/23/76	20	9775	3438N 12246W	23.6	146.0	GGGG		
2702-14294	00000/0000	2-10025/1494	12/24/76	30	9787	4730N 06800W	14.0	151.4	FFFF		
2702-14301	00000/0000	2-10025/1495	12/24/76	30	9787	4604N 06835W	15.1	150.8	GGGG		
2702-14303	00000/0000	2-10025/1496	12/24/76	10	9787	4439N 06909W	16.1	150.2	GGGG		
2702-14310	00000/0000	2-10025/1497	12/24/76	10	9787	4313N 06941W	17.2	149.6	GGGG		
2702-14312	00000/0000	2-10025/1498	12/24/76	10	9787	4148N 07012W	18.3	149.0	GGGG		
2702-14315	00000/0000	2-10025/1499	12/24/76	30	9787	4022N 07041W	19.3	148.4	GGGG		
2702-14321	00000/0000	2-10025/1500	12/24/76	80	9787	3857N 07110W	20.4	147.8	GGGG		
2702-14324	00000/0000	2-10025/1501	12/24/76	90	9787	3731N 07139W	21.5	147.2	GGGG		
2702-14330	00000/0000	2-10025/1502	12/24/76	90	9787	3606N 07207W	22.5	146.5	GGGG		
2702-16124	00000/0000	2-10025/1531	12/24/76	90	9788	4854N 09312W	12.9	152.0	GGGG		
2702-16130	00000/0000	2-10025/1532	12/24/76	90	9788	4729N 09348W	14.0	151.4	PGGG		
2702-16133	00000/0000	2-10025/1533	12/24/76	90	9788	4604N 09424W	15.1	150.8	GGGG		
2702-16135	00000/0000	2-10025/1534	12/24/76	50	9788	4439N 09458W	16.1	150.2	FGGG		
2702-16142	00000/0000	2-10025/1535	12/24/76	10	9788	4313N 09530W	17.2	149.6	GFGG		
2702-16144	00000/0000	2-10025/1536	12/24/76	80	9788	4148N 09601W	18.3	149.0	GGGG		
2702-16151	00000/0000	2-10025/1537	12/24/76	80	9788	4022N 09631W	19.3	148.4	FGG		
2702-16153	00000/0000	2-10025/1538	12/24/76	20	9788	3856N 09700W	20.4	147.8	GFGG		
2702-16160	00000/0000	2-10025/1539	12/24/76	10	9788	3731N 09728W	21.5	147.1	GGFG		
2702-16162	00000/0000	2-10025/1540	12/24/76	10	9788	3605N 09755W	22.5	146.5	GGGG		
2702-16165	00000/0000	2-10025/1541	12/24/76	10	9788	3439N 09822W	23.5	145.9	GGGG		
2702-16171	00000/0000	2-10025/1542	12/24/76	70	9788	3313N 09848W	24.6	145.2	FGG		
2702-16174	00000/0000	2-10025/1543	12/24/76	90	9788	3147N 09913W	25.6	144.6	FFGG		
2702-16180	00000/0000	2-10025/1544	12/24/76	70	9788	3021N 09938W	26.6	143.9	GGGG		
2702-16183	00000/0000	2-10025/1545	12/24/76	100	9788	2855N 10001W	27.6	143.2	GGGG		
2702-16185	00000/0000	2-10025/1546	12/24/76	90	9788	2729N 10025W	28.6	142.5	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

21113 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTIN
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

PAGE 0060

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	POINT LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN
2702-17555	00000/0000	2-10025/1547	12/24/76	50	9789	4854N	11900W	12.9	152.0	GFGG		
2702-17562	00000/0000	2-10025/1548	12/24/76	80	9789	4730N	11936W	14.0	151.4	GGGG		
2702-17564	00000/0000	2-10025/1549	12/24/76	90	9789	4604N	12012W	15.1	150.8	GGGG		
2702-17571	00000/0000	2-10025/1550	12/24/76	90	9789	4439N	12045W	16.1	150.2	FFGG		
2702-17573	00000/0000	2-10025/1551	12/24/76	40	9789	4314N	12118W	17.2	149.6	FFGG		
2702-17580	00000/0000	2-10025/1552	12/24/76	30	9789	4148N	12150W	18.3	149.0	GGGG		
2702-17582	00000/0000	2-10025/1553	12/24/76	10	9789	4023N	12220W	19.3	148.4	FFGG		
2702-17585	00000/0000	2-10025/1554	12/24/76	10	9789	3856N	12250W	20.4	147.8	GGGG		
2702-17591	00000/0000	2-10025/1555	12/24/76	10	9789	3730N	12318W	21.5	147.1	GGFG		
2702-17594	00000/0000	2-10025/1556	12/24/76	20	9789	3605N	12345W	22.5	146.5	GGGG		
2703-14353	00000/0000	2-10025/1603	12/25/76	70	9801	4731N	06922W	14.0	151.3	GGGG		
2703-14355	00000/0000	2-10025/1604	12/25/76	60	9801	4605N	06958W	15.0	150.7	GGGG		
2703-14364	00000/0000	2-10025/1605	12/25/76	50	9801	4314N	07106W	17.2	149.5	GFGG		
2703-14371	00000/0000	2-10025/1606	12/25/76	60	9801	4148N	07137W	18.3	148.9	GGGG		
2703-14373	00000/0000	2-10025/1607	12/25/76	60	9801	4022N	07208W	19.3	148.2	GGGG		
2703-14380	00000/0000	2-10025/1608	12/25/76	30	9801	3856N	07238W	20.4	147.6	GGGG		
2703-14382	00000/0000	2-10025/1609	12/25/76	10	9801	3730N	07306W	21.4	147.0	GGGG		
2703-14385	00000/0000	2-10025/1610	12/25/76	30	9801	3604N	07334W	22.5	146.4	GGGG		
2703-14391	00000/0000	2-10025/1611	12/25/76	70	9801	3438N	07401W	23.5	145.8	GFGG		
2703-14394	00000/0000	2-10025/1612	12/25/76	50	9801	3312N	07427W	24.5	145.1	GGGG		
2703-14400	00000/0000	2-10025/1613	12/25/76	30	9801	3146N	07452W	25.5	144.5	GGGG		
2703-16182	00000/0000	2-10025/1557	12/25/76	40	9802	4854N	09439W	12.9	151.9	GGGF		
2703-16184	00000/0000	2-10025/1558	12/25/76	30	9802	4729N	09516W	14.0	151.2	GGGG		
2703-16191	00000/0000	2-10025/1559	12/25/76	70	9802	4604N	09550W	15.0	150.6	GGGG		
2703-16193	00000/0000	2-10025/1560	12/25/76	80	9802	4439N	09623W	16.1	150.0	GGGG		
2703-16200	00000/0000	2-10025/1561	12/25/76	20	9802	4314N	09655W	17.2	149.4	GGGG		
2703-16202	00000/0000	2-10025/1562	12/25/76	10	9802	4149N	09726W	18.3	148.8	GGGG		
2703-16205	00000/0000	2-10025/1563	12/25/76	0	9802	4023N	09757W	19.3	148.2	GFGG		
2703-16211	00000/0000	2-10025/1564	12/25/76	0	9802	3856N	09826W	20.4	147.6	GGGF		
2703-16214	00000/0000	2-10025/1565	12/25/76	0	9802	3731N	09854W	21.4	147.0	GGFG		
2703-16220	00000/0000	2-10025/1566	12/25/76	0	9802	3605N	09922W	22.5	146.4	GGGG		
2703-16223	00000/0000	2-10025/1567	12/25/76	0	9802	3438N	09948W	23.5	145.8	FFGG		
2703-16225	00000/0000	2-10025/1568	12/25/76	10	9802	3313N	10014W	24.5	145.1	FFGP		
2703-16232	00000/0000	2-10025/1569	12/25/76	10	9802	3147N	10039W	25.5	144.4	FFGP		
2703-16234	00000/0000	2-10025/1570	12/25/76	20	9802	3020N	10104W	26.5	143.8	FFGF		
2703-18013	00000/0000	2-10025/1571	12/25/76	90	9803	4854N	12027W	12.9	151.9	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSG	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2703-18020	00000/0000	2-10025/1572	12/25/76	90	9803	4729N 12104W	14.0	151.2	GGGG		
2703-18022	00000/0000	2-10025/1573	12/25/76	80	9803	4604N 12139W	15.0	150.6	GGGG		
2703-18025	00000/0000	2-10025/1574	12/25/76	80	9803	4439N 12213W	16.1	150.0	GGGG		
2703-18031	00000/0000	2-10025/1575	12/25/76	90	9803	4314N 12245W	17.2	149.4	GGGG		
2703-18034	00000/0000	2-10025/1576	12/25/76	90	9803	4148N 12316W	18.3	148.8	GGGG		
2703-18040	00000/0000	2-10025/1577	12/25/76	90	9803	4022N 12346W	19.3	148.2	GGGG		
2703-18043	00000/0000	2-10025/1578	12/25/76	70	9803	3856N 12415W	20.4	147.6	GGFG		
2704-14411	00000/0000	2-10025/1614	12/26/76	90	9815	4729N 07052W	14.0	151.1	PFGG		
2704-14413	00000/0000	2-10025/1615	12/26/76	90	9815	4604N 07127W	15.0	150.5	FFGG		
2704-14420	00000/0000	2-10025/1616	12/26/76	90	9815	4438N 07201W	16.1	149.9	PFGG		
2704-14422	00000/0000	2-10025/1617	12/26/76	90	9815	4313N 07233W	17.2	149.3	PFGG		
2704-14425	00000/0000	2-10025/1618	12/26/76	90	9815	4148N 07304W	18.2	148.7	FFGG		
2704-14431	00000/0000	2-10025/1619	12/26/76	90	9815	4022N 07334W	19.3	148.1	FFGF		
2704-14434	00000/0000	2-10025/1620	12/26/76	90	9815	3856N 07404W	20.4	147.5	GGGG		
2704-14440	00000/0000	2-10025/1621	12/26/76	90	9815	3730N 07433W	21.4	146.9	GGGG		
2704-14443	00000/0000	2-10025/1622	12/26/76	90	9815	3604N 07501W	22.4	146.3	GGGG		
2704-14445	00000/0000	2-10025/1623	12/26/76	90	9815	3438N 07527W	23.5	145.6	GGGG		
2704-14452	00000/0000	2-10025/1624	12/26/76	90	9815	3312N 07553W	24.5	145.0	GGGF		
2704-14454	00000/0000	2-10025/1625	12/26/76	90	9815	3146N 07618W	25.5	144.3	GGGF		
2704-14461	00000/0000	2-10025/1626	12/26/76	90	9815	3020N 07642W	26.5	143.6	GGGF		
2704-14463	00000/0000	2-10025/1627	12/26/76	90	9815	2854N 07706W	27.5	142.9	GGGF		
2704-14470	00000/0000	2-10025/1628	12/26/76	70	9815	2727N 07730W	28.5	142.2	GGGF		
2704-16242	00000/0000	2-10025/1579	12/26/76	80	9816	4729N 09640W	14.0	151.1	GFGG		
2704-16245	00000/0000	2-10025/1580	12/26/76	50	9816	4604N 09715W	15.0	150.5	GGGF		
2704-16251	00000/0000	2-10025/1581	12/26/76	40	9816	4438N 09749W	16.1	149.9	GGGG		
2704-16254	00000/0000	2-10025/1582	12/26/76	50	9816	4313N 09822W	17.2	149.3	GGGF		
2704-16260	00000/0000	2-10025/1583	12/26/76	80	9816	4147N 09853W	18.2	148.7	FGGG		
2704-16263	00000/0000	2-10025/1584	12/26/76	40	9816	4021N 09923W	19.3	148.1	GGGG		
2704-16265	00000/0000	2-10025/1585	12/26/76	0	9816	3855N 09953W	20.4	147.5	GGGG		
2704-16272	00000/0000	2-10025/1586	12/26/76	0	9816	3729N 10021W	21.4	146.9	GGGG		
2704-16274	00000/0000	2-10025/1587	12/26/76	0	9816	3604N 10049W	22.4	146.3	GGGG		
2704-16281	00000/0000	2-10025/1588	12/26/76	0	9816	3438N 10115W	23.5	145.6	GGGG		
2704-16283	00000/0000	2-10025/1589	12/26/76	0	9816	3312N 10141W	24.5	145.0	GGGG		
2704-16290	00000/0000	2-10025/1590	12/26/76	20	9816	3146N 10206W	25.5	144.3	GGGG		
2704-16292	00000/0000	2-10025/1591	12/26/76	0	9816	3019N 10231W	26.5	143.6	GGGG		
2704-16295	00000/0000	2-10025/1592	12/26/76	10	9816	2853N 10255W	27.5	142.9	GGGG		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

21:13 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

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OBSERVATION ID	MICROFILM ROLL NR./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN
2704-16301	00000/0000 2-10025/1593	12/26/76	40	9816	2727N 10319W	28.5	142.2	GGGG	
2704-18074	00000/0000 2-10025/1594	12/26/76	80	9817	4732N 12227W	13.9	151.1	GGGG	
2704-18080	00000/0000 2-10025/1595	12/26/76	80	9817	4607N 12302W	15.0	150.5	GGGG	
2704-18083	00000/0000 2-10025/1596	12/26/76	80	9817	4442N 12336W	16.1	149.9	GGGG	
2704-18085	00000/0000 2-10025/1597	12/26/76	70	9817	4317N 12409W	17.1	149.3	GGGG	
2704-18092	00000/0000 2-10025/1598	12/26/76	80	9817	4151N 12440W	18.2	148.7	GGGG	
2704-18094	00000/0000 2-10025/1599	12/26/76	80	9817	4025N 12511W	19.3	148.1	GGGG	
2704-18101	00000/0000 2-10025/1600	12/26/76	70	9817	3859N 12540W	20.3	147.5	GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

21120 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR ALASKA
FROM 12/01/76 TO 12/31/76

PAGE 0063

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2653-21490	00000/0000	2-10025/0031	11/05/76	60	9108	6236N 16929W	10.2	162.3	GGG		
2653-21492	00000/0000	2-10025/0032	11/05/76	90	9108	6114N 17036W	11.3	161.3	GGGG		
2653-21495	00000/0000	2-10025/0033	11/05/76	90	9108	5951N 17138W	12.5	160.3	GGGG		
2653-21501	00000/0000	2-10025/0034	11/05/76	90	9108	5829N 17236W	13.6	159.3	GGGG		
2653-21504	00000/0000	2-10025/0035	11/05/76	90	9108	5706N 17330W	14.8	158.4	GGGG		
2653-21510	00000/0000	2-10025/0036	11/05/76	90	9108	5542N 17420W	15.9	157.6	GGGG		
2653-21513	00000/0000	2-10025/0037	11/05/76	100	9108	5419N 17508W	17.0	156.7	GGGG		
2653-21515	00000/0000	2-10025/0038	11/05/76	100	9108	5255N 17553W	18.2	155.9	GGG		
2653-21522	00000/0000	2-10025/0039	11/05/76	100	9108	5131N 17636W	19.3	155.1	FGGG		
2654-21573	00000/0000	2-10025/0040	11/06/76	40	9122	5253N 17721W	17.9	156.0	FFFF		
2654-21580	00000/0000	2-10025/0041	11/06/76	40	9122	5129N 17803W	19.0	155.2	FFFF		
2655-20170	00000/0000	2-10025/0067	11/07/76	100	9135	6236N 14634W	9.6	162.4	FGGG		
2655-20173	00000/0000	2-10025/0068	11/07/76	100	9135	6113N 14742W	10.8	161.3	GGGG		
2655-20175	00000/0000	2-10025/0069	11/07/76	100	9135	5951N 14844W	11.9	160.3	GGGG		
2655-20182	00000/0000	2-10025/0070	11/07/76	100	9135	5828N 14942W	13.1	159.4	FGGG		
2655-20184	00000/0000	2-10025/0071	11/07/76	100	9135	5705N 15036W	14.2	158.5	GGGG		
2655-22034	00000/0000	2-10025/0072	11/07/76	80	9136	5129N 17928W	18.7	155.2	GGGG		
2656-20225	00000/0000	2-10025/0073	11/08/76	50	9149	6234N 14801W	9.4	162.4	GGGG		
2656-20231	00000/0000	2-10025/0074	11/08/76	20	9149	6112N 14908W	10.5	161.3	GGGG		
2656-20234	00000/0000	2-10025/0075	11/08/76	10	9149	5949N 15010W	11.6	160.3	FGGG		
2656-20240	00000/0000	2-10025/0076	11/08/76	20	9149	5827N 15108W	12.8	159.4	FGGG		
2656-20243	00000/0000	2-10025/0077	11/08/76	20	9149	5704N 15202W	13.9	158.5	FGGG		
2656-20245	00000/0000	2-10025/0078	11/08/76	30	9149	5541N 15252W	15.1	157.7	FGGG		
2657-22144	00000/0000	2-10025/0113	11/09/76	90	9164	5255N 17821E	17.0	156.1	GGGG		
2658-20343	00000/0000	2-10025/0079	11/10/76	40	9177	6115N 15157W	9.9	161.4	GGGG		
2658-20350	00000/0000	2-10025/0080	11/10/76	20	9177	5952N 15300W	11.0	160.4	GGGG		
2658-20352	00000/0000	2-10025/0081	11/10/76	40	9177	5829N 15358W	12.2	159.5	GGGG		
2658-20355	00000/0000	2-10025/0082	11/10/76	80	9177	5707N 15452W	13.3	158.6	GGGG		
2658-20361	00000/0000	2-10025/0083	11/10/76	90	9177	5544N 15542W	14.5	157.8	GGGG		
2659-20402	00000/0000	2-10025/0156	11/11/76	80	9191	6115N 15324W	9.6	161.4	GGGG		
2659-20404	00000/0000	2-10025/0157	11/11/76	90	9191	5953N 15426W	10.8	160.4	GGGG		
2659-20411	00000/0000	2-10025/0158	11/11/76	90	9191	5830N 15523W	11.9	159.5	GGGG		
2659-20413	00000/0000	2-10025/0159	11/11/76	90	9191	5706N 15617W	13.1	158.6	GGGG		
2659-20420	00000/0000	2-10025/0160	11/11/76	90	9191	5543N 15707W	14.2	157.8	GGGG		
2659-20422	00000/0000	2-10025/0161	11/11/76	90	9191	5419N 15755W	15.3	157.0	GGGG		
2660-20460	00000/0000	2-10025/0246	11/12/76	90	9205	6115N 15449W	9.4	161.4	GGGG		

KEYS: CLOUD COVER % 0 TO 100 * % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

21120 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR ALASKA
FROM 12/01/76 TO 12/31/76

PAGE 0064

OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SRBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	POINT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2660-20462	00000/0000	2-10025/0247	11/12/76	80	9205	5952N	15552W	10.5	160.4	GGGG			
2660-20465	00000/0000	2-10025/0248	11/12/76	80	9205	5829N	15650W	11.6	159.5	GGGG			
2660-20471	00000/0000	2-10025/0249	11/12/76	80	9205	5707N	15744W	12.8	158.6	GGGG			
2660-20474	00000/0000	2-10025/0250	11/12/76	70	9205	5543N	15834W	13.9	157.8	GGGG			
2660-20477	00000/0000	2-10025/0251	11/12/76	60	9205	5419N	15921W	15.1	157.0	GGGG			
2660-22512	00000/0000	2-10025/0252	11/12/76	70	9206	5416N	17447E	15.1	157.0	GGGG			
2661-20520	00000/0000	2-10025/0281	11/13/76	90	9219	5951N	15719W	10.2	160.4	GGGG			
2661-20523	00000/0000	2-10025/0282	11/13/76	70	9219	5828N	15817W	11.4	159.5	GGGG			
2661-20525	00000/0000	2-10025/0283	11/13/76	70	9219	5705N	15911W	12.5	158.6	GGGG			
2661-20532	00000/0000	2-10025/0284	11/13/76	80	9219	5542N	16001W	13.7	157.8	GGGG			
2661-20534	00000/0000	2-10025/0285	11/13/76	60	9219	5418N	16048W	14.8	157.0	GGGG			
2662-20575	00000/0000	2-10025/0286	11/14/76	90	9233	5950N	15844W	10.0	160.4	GGGG			
2662-20581	00000/0000	2-10025/0287	11/14/76	20	9233	5828N	15942W	11.1	159.5	GGGG			
2662-20584	00000/0000	2-10025/0288	11/14/76	10	9233	5704N	16036W	12.3	158.6	GGGG			
2662-20590	00000/0000	2-10025/0289	11/14/76	30	9233	5541N	16126W	13.4	157.8	GGGG			
2662-20593	00000/0000	2-10025/0290	11/14/76	60	9233	5417N	16213W	14.5	157.0	GGGG			
2663-21033	00000/0000	2-10025/0321	11/15/76	50	9247	5954N	16006W	9.7	160.4	GGGG			
2663-21035	00000/0000	2-10025/0322	11/15/76	50	9247	5831N	16104W	10.8	159.5	GGGG			
2663-21042	00000/0000	2-10025/0323	11/15/76	70	9247	5708N	16158W	12.0	158.7	GGGG			
2663-21044	00000/0000	2-10025/0324	11/15/76	80	9247	5544N	16250W	13.1	157.9	GGGG			
2663-21051	00000/0000	2-10025/0325	11/15/76	40	9247	5421N	16337W	14.2	157.1	GGGG			
2663-21053	00000/0000	2-10025/0326	11/15/76	40	9247	5257N	16423W	15.4	156.3	GGGG			
2664-21091	00000/0000	2-10025/0501	11/16/76	90	9261	5953N	16135W	9.4	160.4	GGGG			
2664-21093	00000/0000	2-10025/0502	11/16/76	90	9261	5830N	16233W	10.6	159.5	GGGG			
2664-21100	00000/0000	2-10025/0503	11/16/76	90	9261	5707N	16327W	11.7	158.7	GGGG			
2664-21102	00000/0000	2-10025/0504	11/16/76	100	9261	5544N	16417W	12.8	157.9	GGGG			
2664-21105	00000/0000	2-10025/0505	11/16/76	90	9261	5421N	16504W	14.0	157.1	GGGG			
2664-21111	00000/0000	2-10025/0506	11/16/76	70	9261	5257N	16549W	15.1	156.3	GGGG			
2665-21152	00000/0000	2-10025/0389	11/17/76	30	9275	5830N	16400W	10.3	159.5	GGGG			
2665-21154	00000/0000	2-10025/0390	11/17/76	20	9275	5707N	16455W	11.5	158.7	GGGG			
2665-21161	00000/0000	2-10025/0391	11/17/76	20	9275	5543N	16545W	12.6	157.9	GGGG			
2665-21163	00000/0000	2-10025/0392	11/17/76	30	9275	5420N	16632W	13.7	157.1	GGGG			
2665-21170	00000/0000	2-10025/0393	11/17/76	40	9275	5256N	16717W	14.9	156.4	GGGG			
2666-21215	00000/0000	2-10025/0405	11/18/76	10	9289	5543N	16707W	12.4	157.9	GGGG			
2666-21221	00000/0000	2-10025/0406	11/18/76	30	9289	5420N	16755W	13.5	157.1	GGGG			
2666-21224	00000/0000	2-10025/0407	11/18/76	40	9289	5256N	16841W	14.6	156.4	GGGG			

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

21120 JAN 13, 1977

LANDSAT-2
OBSERVATION ID LISTING
FOR ALASKA
FROM 12/01/76 TO 12/31/76

PAGE 0065

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSB	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2666-21230	00000/0000	2-10025/0408	11/18/76	40	9289	5132N 16924W	15.8	155.6	FGFG		
2668-21334	00000/0000	2-10025/0439	11/20/76	80	9317	5419N 17051W	13.0	157.1	GGGG		
2668-21340	00000/0000	2-10025/0440	11/20/76	60	9317	5255N 17135W	14.2	156.3	GGG		
2668-21343	00000/0000	2-10025/0438	11/20/76	50	9317	5131N 17218W	15.3	155.6	G GG		
2669-21392	00000/0000	2-10025/0520	11/21/76	70	9331	5422N 17214W	12.8	157.1	GGGG		
2669-21394	00000/0000	2-10025/0521	11/21/76	80	9331	5258N 17259W	13.9	156.3	GGGG		
2669-21401	00000/0000	2-10025/0522	11/21/76	60	9331	5134N 17342W	15.0	155.6	FGFG		
2670-21450	00000/0000	2-10025/0540	11/22/76	80	9345	5421N 17342W	12.5	157.1	GGGG		
2670-21453	00000/0000	2-10025/0541	11/22/76	70	9345	5257N 17427W	13.7	156.3	GGGG		
2670-21455	00000/0000	2-10025/0542	11/22/76	50	9345	5133N 17509W	14.8	155.6	GGGG		
2671-21511	00000/0000	2-10025/0543	11/23/76	50	9359	5257N 17552W	13.5	156.3	FGGG		
2671-21513	00000/0000	2-10025/0544	11/23/76	70	9359	5132N 17635W	14.6	155.6	GGGG		
2672-21565	00000/0000	2-10025/0576	11/24/76	60	9373	5259N 17717W	13.2	156.3	GGGF		
2672-21571	00000/0000	2-10025/0577	11/24/76	70	9373	5134N 17759W	14.4	155.6	GGGF		
2673-22030	00000/0000	2-10025/0569	11/25/76	70	9387	5134N 17924W	14.2	155.6	GGGG		
2677-20411	00000/0000	2-10025/0772	11/29/76	100	9442	5547N 15708W	10.0	157.5	FFFF		
2677-20414	00000/0000	2-10025/0773	11/29/76	100	9442	5422N 15755W	11.1	156.8	GGFG		
2678-20465	00000/0000	2-10025/0774	11/30/76	90	9456	5550N 15829W	9.8	157.5	GGGF		
2678-20472	00000/0000	2-10025/0775	11/30/76	90	9456	5426N 15917W	10.9	156.8	GGGF		
2678-22303	00000/0000	2-10025/0776	11/30/76	100	9457	5423N 17451E	10.9	156.8	FGG		
2680-20582	00000/0000	2-10025/0851	12/02/76	30	9484	5547N 16122W	9.5	157.4	GGGG		
2680-20584	00000/0000	2-10025/0852	12/02/76	40	9484	5423N 16210W	10.6	156.7	GGGG		
2681-21040	00000/0000	2-10025/0766	12/03/76	100	9498	5547N 16247W	9.3	157.3	GGGG		
2681-21042	00000/0000	2-10025/0767	12/03/76	90	9498	5423N 16335W	10.4	156.6	GGGG		
2681-21045	00000/0000	2-10025/0768	12/03/76	90	9498	5259N 16420W	11.6	155.9	GGGG		
2684-21213	00000/0000	2-10025/0589	12/06/76	30	9540	5425N 16753W	10.0	156.4	FGGG		
2684-21215	00000/0000	2-10025/0590	12/06/76	40	9540	5301N 16839W	11.1	155.7	GGGG		
2684-21222	00000/0000	2-10025/0591	12/06/76	50	9540	5137N 16921W	12.2	155.0	FFFF		
2685-21271	00000/0000	2-10025/0769	12/07/76	100	9554	5427N 16917W	9.8	156.3	FGGF		
2685-21273	00000/0000	2-10025/0770	12/07/76	100	9554	5303N 17002W	10.9	155.6	FGFG		
2685-21280	00000/0000	2-10025/0771	12/07/76	100	9554	5138N 17044W	12.0	155.0	GGGG		
2686-21325	00000/0000	2-10025/0733	12/08/76	90	9568	5426N 17046W	9.7	156.2	GGGG		
2686-21332	00000/0000	2-10025/0734	12/08/76	90	9568	5303N 17131W	10.8	155.6	GGFG		
2686-21334	00000/0000	2-10025/0735	12/08/76	80	9568	5138N 17214W	11.9	154.9	GGGG		
2687-21383	00000/0000	2-10025/1015	12/09/76	90	9582	5426N 17213W	9.6	156.2	FGGF		
2687-21390	00000/0000	2-10025/1016	12/09/76	90	9582	5302N 17258W	10.7	155.5	GGGF		

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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OBSERVATION ID LISTING
FOR ALASKA
FROM 12/01/76 TO 12/31/76

PAGE 0066

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV	MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN
2687-21392	00000/0000 2-10025/1017	12/09/76	70	9582	5138N	17341W	11.8	154.8	GGGF			
2688-21441	00000/0000 2-10025/1011	12/10/76	80	9596	5428N	17337W	9.4	156.1	FGGG			
2688-21444	00000/0000 2-10025/1012	12/10/76	90	9596	5304N	17422W	10.5	155.4	FGG			
2688-21450	00000/0000 2-10025/1013	12/10/76	90	9596	5140N	17505W	11.7	154.7	FFGG			
2689-21502	00000/0000 2-10025/0736	12/11/76	50	9610	5303N	17549W	10.4	155.3	GGGG			
2689-21505	00000/0000 2-10025/0737	12/11/76	50	9610	5138N	17631W	11.6	154.6	GGGG			
2690-21560	00000/0000 2-10025/1093	12/12/76	30	9624	5305N	17712W	10.3	155.2	GGGG			
2690-21563	00000/0000 2-10025/1094	12/12/76	30	9624	5141N	17755W	11.4	154.6	GGGG			
2691-22021	00000/0000 2-10025/1014	12/13/76	60	9638	5139N	17921W	11.3	154.5	GGGG			
2693-22131	00000/0000 2-10025/1268	12/15/76	90	9666	5305N	17829E	10.0	154.9	FFGF			
2702-21211	00000/0000 2-10025/1601	12/24/76	30	9791	5309N	16834W	9.6	153.9	GGGG			
2702-21213	00000/0000 2-10025/1602	12/24/76	30	9791	5145N	16917W	10.7	153.2	GGGG			

KEYS: CLOUD COVER % 0 TO 100 * % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

LANDSAT 2
COORDINATE LISTING

21113 JAN 13, 1977

LANDSAT-2
COORDINATE LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

PAGE 0068

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS
LONG LAT			12345678	LONG LAT			12345678	LONG LAT			12345678
06505W 4730N	2700-14182	40	GGGG	07000W 4600N	2685-14364	100	FGGG	07233W 4313N	2704-14422	90	PFGG
06510W 4722N	2682-14191	10	GGGG	07004W 4555N	2667-14372	90	GGGG	07235W 4309N	2686-14431	10	GGGG
06511W 4718N	2664-14195	40	GGGG	07010W 4145N	2584-14321	40	GGFG	07237W 4305N	2668-14435	80	GGGG
06540W 4605N	2700-14185	10	GG	07012W 4148N	2702-14312	10	GGGG	07238W 3856N	2703-14380	30	GGGG
06545W 4557N	2682-14193	10	GGGG	07018W 4137N	2666-14330	70	GGGG	07239W 3853N	2685-14384	100	GGFG
06546W 4553N	2664-14202	20	GGGG	07034W 4435N	2685-14370	100	FGGG	07304W 4148N	2704-14425	90	FFGG
06614W 4440N	2700-14191	70	GGGG	07037W 4431N	2667-14373	80	GGGG	07306W 4143N	2686-14433	60	GGGG
06618W 4433N	2682-14200	20	GGGG	07040W 4020N	2684-14323	30	GGGG	07306W 3730N	2703-14382	10	GGGG
06620W 4428N	2664-14204	10	FGGG	07041W 4022N	2702-14315	30	GGGG	07307W 3728N	2685-14391	100	GGGG
06636W 4722N	2683-14245	10	GGGG	07047W 4012N	2666-14332	50	GGGG	07308W 4140N	2668-14442	70	GGGG
06639W 4718N	2665-14253	90	GGGG	07052W 4729N	2704-14411	90	PFGG	07327W 4436N	2687-14482	10	GGGG
06647W 4314N	2700-14194	60	GGGG	07058W 4720N	2668-14424	70	GGGG	07332W 4429N	2669-14491	50	GGGG
06650W 4308N	2682-14202	60	GGGG	07106W 4314N	2703-14364	50	FGGG	07334W 4022N	2704-14431	90	FFGG
06652W 4303N	2664-14211	70	GGGG	07108W 4310N	2685-14373	100	GGGG	07334W 3604N	2703-14385	30	GGGG
06710W 4557N	2683-14251	10	GGGG	07109W 4306N	2667-14381	30	GGGG	07334W 3602N	2685-14393	100	GGGG
06714W 4552N	2665-14260	10	GG G	07110W 3857N	2702-14321	80	GGGG	07336W 4018N	2686-14440	90	GGGG
06744W 4432N	2683-14254	40	GGGG	07110W 3855N	2684-14330	60	GGGG	07338W 4015N	2668-14444	60	GFGG
06748W 4427N	2665-14262	10	GG G	07116W 3847N	2666-14335	80	GGGG	07345W 4725N	2688-14532	90	FGFG
06757W 4726N	2684-14303	10	GGGG	07127W 4604N	2704-14413	90	FFGG	07351W 4718N	2670-14540	70	GGGG
06800W 4730N	2702-14294	30	FFFF	07128W 4559N	2686-14422	10	GGGG	07359W 4311N	2687-14485	10	GGGG
06816W 4307N	2683-14260	80	FGGG	07133W 4555N	2668-14430	90	GGGG	07401W 3438N	2703-14391	70	GFGG
06820W 4302N	2665-14265	20	GGGG	07137W 4148N	2703-14371	80	GGGG	07404W 3856N	2704-14434	90	GGGG
06832W 4601N	2684-14305	10	GGGG	07139W 4144N	2685-14375	100	GGGG	07405W 4304N	2669-14494	40	GGGG
06835W 4604N	2702-14301	30	GGGG	07139W 3731N	2702-14324	90	GGGG	07406W 3852N	2686-14442	90	GGGG
06848W 4142N	2683-14263	40	GGGG	07139W 3729N	2684-14332	50	GGGG	07407W 3849N	2668-14451	30	GGGG
06851W 4137N	2665-14271	10	GGGG	07140W 4141N	2667-14384	0	FFGG	07419W 4600N	2688-14534	90	FGGG
06906W 4436N	2684-14312	10	GGGG	07144W 3722N	2666-14341	80	GGGG	07425W 4553N	2670-14543	80	GGGF
06909W 4439N	2702-14303	10	GGGG	07201W 4438N	2704-14420	90	PFGG	07427W 3312N	2703-14394	50	GGGG
06918W 4017N	2683-14265	30	GGGG	07202W 4434N	2686-14424	10	GGGG	07430W 4146N	2687-14491	30	GGGG
06921W 4012N	2665-14274	20	GGGG	07206W 4430N	2668-14433	90	GGGG	07433W 3730N	2704-14440	90	GGGG
06922W 4731N	2703-14353	70	GGGG	07207W 3606N	2702-14330	90	GGGG	07434W 3726N	2686-14445	90	GGGG
06926W 4725N	2685-14361	100	GGGG	07207W 3603N	2684-14335	80	GGGG	07435W 3723N	2668-14453	40	GGGG
06929W 4720N	2667-14370	100	FGGG	07208W 4022N	2703-14373	60	GGGG	07452W 3146N	2703-14400	30	GGGG
06939W 4311N	2684-14314	20	GGFG	07210W 4018N	2685-14382	100	FGGG	07453W 4435N	2688-14541	50	GGGG
06941W 4313N	2702-14310	10	GGGG	07210W 4015N	2667-14390	10	GGGG	07458W 4429N	2670-14545	80	GGGG
06958W 4605N	2703-14355	60	GGGG	07211W 3556N	2666-14344	50	GGGG	07500W 4020N	2687-14494	20	GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

21113 JAN 13, '77

LANDSAT-2
COORDINATE LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

PAGE 0069

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS
LONG LAT			12345678	LONG LAT			12345678	LONG LAT			12345678
07501W 3604N	2704-14443	90	GGGG	07700W 3848N	2670-14563	40	GGGG	07838W 4559N	2691-15105	0	GGGG
07502W 3600N	2686-14451	70	GGGG	07706W 2854N	2704-14463	90	GGGF	07840W 4555N	2673-15113	90	GGGG
07503W 3558N	2668-14460	50	FGGG	07708W 2850N	2668-14480	90	GGGG	07845W 3310N	2688-14573	60	GGFG
07525W 4310N	2688-14543	10	GGGG	07709W 2850N	2686-14472	50	GGGG	07848W 4145N	2690-15062	60	GGGG
07527W 3438N	2704-14445	90	GGGG	07711W 4602N	2690-15050	100	GGGG	07849W 3305N	2670-14581	10	GGGG
07528W 3434N	2686-14454	60	GGGG	07719W 3310N	2687-14514	30	GGGG	07851W 4852N	2692-15154	100	GGGG
07529W 3433N	2669-14462	90	GGGG	07722W 3306N	2669-14523	90	GGGG	07851W 4140N	2672-15071	60	GGGG
07530W 3855N	2687-14500	10	GGGG	07724W 4143N	2689-15004	10	GGGG	07852W 3726N	2689-15015	80	GGGG
07531W 4303N	2670-14552	80	GGGG	07725W 4141N	2671-15012	80	GGGG	07852W 3725N	2671-15024	40	GGGG
07534W 3848N	2669-14505	40	GGGG	07725W 3727N	2688-14561	10	GGGGGGGG	07855W 2723N	2687-14533	90	GGGG
07548W 4556N	2671-15001	90	GGGG	07726W 4849N	2691-15100	0	GGGG	07857W 2727N	2687-14532	90	GGGG
07553W 3312N	2704-14452	90	GGGF	07728W 3723N	2670-14570	30	GGGG	07858W 4842N	2656-15171	30	GGGG
07554W 3308N	2686-14460	60	GGGG	07730W 2727N	2704-14470	70	GGGF	07859W 2723N	2669-14541	70	GGGG
07555W 3307N	2668-14465	100	GGGG	07731W 4844N	2673-15104	30	GGGG	07911W 3144N	2688-14575	80	GGGG
07557W 4145N	2688-14550	10	GGFGGGG	07732W 2724N	2668-14483	70	GGGG	07912W 4434N	2691-15111	10	GGGG
07559W 3729N	2687-14503	10	FF F	07733W 2724N	2686-14474	70	GGGG	07914W 4430N	2673-15120	90	GGGG
07600W 4851N	2690-15041	30	GGGG	07744W 4437N	2690-15053	70	FGGG	07915W 3139N	2670-14584	20	GGGG
07602W 4138N	2670-14554	50	GGGG	07744W 3145N	2687-14521	70	GGGG	07919W 4020N	2690-15064	100	GGGG
07603W 3723N	2669-14512	10	GGGG	07747W 3141N	2669-14530	100	GGGG	07919W 3559N	2671-15030	10	GGGG
07618W 3146N	2704-14454	90	GGGF	07748W 4430N	2672-15062	80	GGGG	07920W 3600N	2689-15022	90	GGGG
07620W 3143N	2686-14463	70	GGGG	07753W 3602N	2688-14564	10	FGGGGGGG	07920W 2601N	2687-14535	70	GGGGGGGG
07620W 3141N	2668-14471	100	GGGG	07754W 4017N	2689-15010	30	GGGG	07921W 4015N	2672-15073	90	GGGG
07622W 4431N	2671-15003	70	GGGG	07755W 4015N	2671-15015	40	GGGG	07923W 2557N	2669-14544	80	GGGG
07627W 4019N	2688-14582	10	GGGGGGGG	07756W 3557N	2670-14572	10	GGGG	07928W 4727N	2692-15160	100	GGGG
07627W 3603N	2687-14505	10	GGFG	07803W 4725N	2691-15102	0	GGGG	07934W 4717N	2656-15173	50	GGGG
07630W 3558N	2669-14514	10	GGGG	07806W 4720N	2673-15111	20	GGGG	07936W 3018N	2688-14582	80	GGGG
07631W 4013N	2670-14561	50	GGGG	07809W 3019N	2687-14523	90	GG	07939W 3013N	2670-14590	30	FGGG
07636W 4726W	2690-15044	90	GGGG	07812W 3015N	2669-14532	90	GGGG	07945W 4309N	2691-15114	20	GGGG
07642W 3020N	2704-14461	90	GGGF	07817W 4311N	2690-15055	60	GGGG	07946W 4305N	2673-15122	100	GGGG
07645W 3016N	2688-14474	90	GGGG	07819W 3436N	2688-14570	20	GGFG	07946W 3434N	2671-15033	0	GGGG
07645W 3016N	2686-14465	70	GGGG	07820W 4305N	2672-15064	60	GGGG	07946W 2430N	2669-14550	40	GGGG
07652W 4309N	2689-15001	40	GGGG	07823W 3431N	2670-14575	0	GGGG	07947W 3434N	2689-15024	90	GGGG
07653W 3436N	2687-14512	10	GGGG	07824W 3852N	2689-15013	90	GGGG	07948W 3854N	2690-15071	90	GGGG
07654W 4306N	2671-15010	80	GGGG	07824W 3850N	2671-15021	30	FGGG	07950W 3849N	2672-15080	100	GGGG
07656W 3432N	2669-14521	50	GGGG	07833W 2852N	2687-14530	90	GGGGGGGG	08000W 2852N	2688-14584	80	GGGG
07657W 3853N	2688-14555	10	FGGGGGGG	07836W 2849N	2669-14535	80	GGGG	08003W 4602N	2692-15163	40	GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

21113 JAN 13, 1977

LANDSAT-2
COORDINATE LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

PAGE 0070

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678			
LONG	LAT			LONG	LAT			LONG	LAT					
08003W	2847N	2670-14593	30	GGGG	08134W	4555N	2675-15230	70	GGGG	08251W	2853N	2690-15100	70	GG
08009W	4552N	2656-15130	20	GGGG	08138W	3311N	2690-15085	100	GGGG	08253W	2849N	2672-15105	40	GGGG
08012W	3308N	2671-15035	10	GGGG	08140W	3306N	2677-15094	10	GGGG	08256W	4601N	2694-15275	90	GGGF
08013W	3308N	2689-15031	90	GGGG	08140W	4146N	2692-15174	20	GGGG	08259W	4558N	2676-15284	50	GGGG
08016W	4144N	2691-15120	70	GGGG	08142W	3728N	2691-15132	20	GGGG	08302W	4552N	2658-15292	50	GGGG
08017W	4139N	2673-15125	60	GGGG	08143W	4142N	2674-15183	90	GGGG	08302W	3310N	2691-15143	80	GGGG
08017W	3728W	2690-15073	100	GGGG	08145W	4850N	2694-15270	50	GGGG	08304W	3306N	2655-15160	0	GGGG
08018W	4851N	2693-15212	10	GGGG	08145W	4138N	2656-15191	60	GGGG	08306W	4145N	2693-15232	10	GGGG
08018W	4138N	2655-15133	50	GGGG	08145W	3723N	2673-15140	30	GGGG	08307W	3730N	2692-15190	0	GGGG
08018W	3724N	2672-15082	90	GGGG	08148W	3722N	2655-15145	30	GGGG	08310W	4141N	2675-15241	80	GGGG
08024W	2726N	2688-14591	40	GGGG	08150W	2724N	2671-15053	10	GGGG	08311W	4853N	2695-15324	40	GGGG
08026W	2722N	2670-14595	40	GGGG	08150W	2723N	2689-15045	40	GG	08311W	4137N	2657-15245	30	GGGG
08036W	4437N	2692-15165	60	GGGG	08203W	4436N	2673-15223	40	GGGG	08312W	3722N	2656-15203	40	GGGG
08037W	3142N	2671-15042	10	GGGG	08203W	3145N	2690-15091	100	GGGG	08314W	4847N	2677-15333	20	GGGG
08038W	3142N	2689-15033	90	GGGG	08207W	4430N	2675-15232	80	GGGG	08315W	2727N	2690-15103	90	GGGG
08042W	4428N	2656-15182	60	GGGG	08208W	4428N	2657-15240	100	GGGG	08316W	2723N	2672-15112	10	GGGG
08045W	3603N	2690-15080	100	GGGG	08209W	3602N	2691-15134	40	GGGG	08327W	3144N	2691-15150	90	GG G
08046W	4018N	2691-15123	40	GGGG	08210W	4021N	2692-15181	10	GGGG	08329W	4438N	2694-15282	90	GGGG
08046W	3558N	2672-15085	60	GGGG	08212W	3557N	2655-15151	20	GGGG	08329W	3140N	2655-15163	10	GGGG
08047W	4014N	2673-15131	90	GGGG	08213W	4016N	2674-15185	90	GGGG	08330W	3140N	2673-15154	20	GGGG
08048W	4013N	2655-15140	10	GGGG	08213W	3557N	2673-15143	20	FFFF	08332W	4433N	2676-15290	40	GGGG
08049W	2556N	2670-15002	90	GG	08213W	2558N	2671-15060	30	GGGG	08334W	3605N	2692-15192	0	GGGG
08054W	4727N	2693-15214	0	GGGG	08213W	2557N	2689-15051	30	GGGF	08335W	4427N	2658-15295	90	GGGG
08102W	3016N	2671-15044	10	GGGG	08214W	4013N	2656-15194	50	GGGG	08336W	4020N	2693-15235	10	GGFG
08103W	3016N	2689-15040	70	GGGG	08222W	4726N	2694-15273	90	GGGG	08339W	3556N	2656-15205	0	GGGG
08109W	4312N	2692-15172	40	GGGG	08223W	4723N	2676-15281	40	GGGG	08339W	2600N	2690-15105	40	GGGG
08112W	3437N	2690-15082	100	GGGG	08227W	3019N	2690-15094	90	GGGG	08340W	4015N	2675-15244	80	GGGG
08112W	2430N	2670-15004	80	GGGG	08235W	4311N	2693-15230	10	GGFG	08341W	4011N	2657-15252	10	GGGG
08113W	3432N	2672-15091	30	GGGG	08236W	3436N	2691-15141	80	GGGG	08347W	4729N	2695-15331	80	GGGG
08114W	4303N	2656-15185	60	GGGG	08236W	2432N	2671-15062	70	GGGG	08350W	4722N	2677-15335	20	GGGG
08115W	3853N	2691-15125	20	GGGG	08238W	3432N	2655-15154	10	GGGG	08352W	3017N	2691-15152	90	GGGG
08117W	3848N	2655-15142	30	GGGG	08239W	4305N	2675-15235	90	GGGG	08354W	3015N	2655-15165	10	GGGG
08117W	3848N	2673-15134	60	GGGG	08239W	3856N	2692-15183	0	GGGG	08354W	3015N	2673-15161	10	GGGG
08126W	2850N	2671-15051	10	GGGG	08239W	3432N	2673-15145	0	FFFF	08401W	4310N	2694-15284	90	GGGG
08127W	2850N	2689-15042	70	GGGG	08241W	4303N	2657-15243	90	GGGG	08401W	3438N	2692-15195	10	GGGG
08129W	4602N	2693-15221	70	GGGG	08244W	3847N	2656-15200	50	GGGG	08402W	2434N	2690-15112	20	GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

21113 JAN 13, 177

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FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

PAGE 0071

PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC X	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC X	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC X	QUALITY RBV MSS 12345678
LONG LAT				LONG LAT				LONG LAT			
08405W 4308N	2676-15293	40	GGGG	08511W 4724N	2678-15393	50	GGG	08624W 4432N	2678-15403	50	GGGG
08405W 3855N	2693-15241	10	GGGG	08516W 4727N	2696-15385	80	GGGGGGGG	08624W 3139N	2657-15275	0	GGGG
08406W 3431N	2656-15212	0	GGGG	08516W 4721N	2678-15394	50	GGGG	08626W 4429N	2660-15411	70	GGGG
08407W 4301N	2658-15301	90	GGGG	08518W 4719N	2660-15402	80	GGG GGG	08627W 3602N	2694-15305	10	GGGG
08409W 3850N	2675-15250	60	GGGG	08518W 3020N	2692-15210	100	GGGG	08628W 3602N	2676-15313	90	GGGG
08410W 3846N	2657-15254	0	GGGG	08523W 3013N	2656-15223	0	GGGG	08631W 4021N	2695-15351	20	GGGG
08417W 2851N	2691-15155	90	GGGG	08528W 3438N	2693-15253	60	GGGG	08632W 4016N	2677-15360	40	GGGG
08418W 2849N	2673-15163	10	GGGG	08530W 4313N	2695-15342	90	GGGG	08632W 4015N	2659-15364	30	GGGG
08419W 2849N	2653-15172	20	GGGG	08531W 4307N	2677-15351	60	GGGG	08632W 3556N	2658-15322	10	GGGG
08423W 4604N	2695-15333	90	GGGG	08531W 4305N	2659-15355	40	GGGG	08640W 4727N	2697-15443	90	GGGG
08425W 4557N	2677-15342	30	GGGG	08531W 3432N	2675-15262	70	GGGG	08640W 4720N	2679-15452	50	GGGG
08426W 4555N	2659-15350	80	GGGG	08532W 3854N	2694-15300	80	GGGG	08642W 4718N	2661-15460	70	GGGG
08427W 3312N	2692-15201	40	GGGG	08532W 3430N	2657-15270	20	GGGG	08644W 3020N	2693-15264	90	GGGG
08432W 4145N	2694-15291	90	GGGG	08533W 3853N	2676-15304	90	GGGG	08648W 3015N	2675-15273	90	GGGG
08432W 3305N	2656-15214	0	GGGG	08537W 3846N	2658-15313	10	GGGG	08649W 3014N	2657-15281	10	GGGG
08433W 3729N	2693-15244	30	GGGG	08542W 2855N	2692-15213	100	GGGG	08654W 3436N	2694-15311	10	GGGG
08435W 4143N	2676-15295	60	GGGG	08547W 2847N	2656-15230	0	GGGG	08655W 3436N	2676-15320	90	GGGG
08437W 3724N	2675-15253	50	GGGG	08551W 4603N	2696-15391	70	GGGG	08656W 4312N	2696-15400	20	GGGG
08438W 4137N	2658-15304	70	GGGG	08551W 4557N	2678-15400	40	GGGG	08657W 4307N	2678-15405	60	GGGG
08438W 3721N	2657-15261	40	GGGG	08553W 4554N	2660-15404	80	GGGG	08658W 4304N	2660-15413	60	GGGG
08439W 4846N	2678-15391	10	GGGGGGGG	08554W 3312N	2693-15255	80	GGGG	08659W 3855N	2695-15354	0	GGGG
08440W 4852N	2696-15382	100	GGGG	08557W 3307N	2675-15264	80	GGGG	08659W 3430N	2658-15324	10	GGGG
08441W 2725N	2691-15161	80	GGGG	08559W 3304N	2657-15272	10	GGGG	08701W 3850N	2659-15371	70	GGGG
08442W 2723N	2673-15170	30	GGGG	08600W 3728N	2694-15302	20	GGGG	08702W 3851N	2677-15362	40	GGGG
08443W 2723N	2655-15174	30	GGGG	08601W 4147N	2695-15345	40	GGGG	08708W 2854N	2693-15271	90	GGGG
08453W 3146N	2692-15204	90	GGGG	08601W 3728N	2676-15311	90	GGGG	08712W 2849N	2675-15280	90	GGGG
08457W 4439N	2695-15340	90	GGGG	08602W 4141N	2677-15353	40	GGGG	08712W 2848N	2657-15284	10	GGGG
08458W 3139N	2656-15221	0	GGGG	08602W 4140N	2659-15362	70	GGGG	08715W 4602N	2697-15450	90	GGGG
08459W 4432N	2677-15344	20	GGGG	08603W 4852N	2697-15441	90	GGGG	08716W 4555N	2679-15454	30	GGGG
08459W 4430N	2659-15353	50	GGGG	08604W 4845N	2679-15445	20	GGGG	08717W 4554N	2661-15463	10	GGGG
08501W 3604N	2693-15250	40	GGGG	08605W 3721N	2658-15315	0	GGGG	08720W 3310N	2694-15314	20	GGGG
08502W 4020N	2694-15293	100	GGGG	08606W 2729N	2692-15215	100	GGGG	08721W 3310N	2676-15322	90	GGGG
08505W 4018N	2676-15302	80	GGGG	08610W 2721N	2656-15232	10	GGGG	08723W 4144N	2678-15411	30	GGGG
08505W 3558N	2675-15255	50	GGGG	08619W 3146N	2693-15262	90	GGGG	08725W 3305N	2658-15331	40	GGGG
08505W 3556N	2657-15263	40	GGGG	08623W 3141N	2675-15271	90	GGGG	08727W 4146N	2696-15403	0	GGGGGGGG
08508W 4011N	2658-15310	50	GGGG	08624W 4437N	2696-15394	40	GGGG	08728W 4141N	2678-15412	20	GGGG

KEYS: CLOUD COVER X 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G = GOOD, P = POOR, F = FAIR.

21:13 JAN 13, 1977

LANDSAT-2
COORDINATE LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

PAGE 0072

PRINCIPAL PT. OF IMAGE		OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE		OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE		OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
LONG	LAT				LONG	LAT				LONG	LAT			
08728W	3729N	2695-15360	0	GGGG	08826W	3850N	2678-15421	10	FGGG	08934W	4723N	2681-15564	60	GGGG
08729W	4851N	2698-15495	20	GGGG	08828W	3849N	2660-15425	0	GGGGGGGG	08936W	3020N	2695-15381	10	GGGG
08730W	4139N	2660-15420	20	GGGGGGGG	08835W	2852N	2676-15334	80	GGGG	08937W	4718N	2663-15573	30	GGGG
08730W	3725N	2659-15373	90	GGGG	08836W	2851N	2694-15325	60	GGGG	08939W	3017N	2677-15385	50	GGGG
08730W	3725N	2677-15365	20	GGGG	08839W	2848N	2658-15342	90	GGGG	08940W	3017N	2659-15394	70	GGGG
08732W	2728N	2693-15273	80	GGGG	08840W	4601N	2698-15504	30	GGGG	08945W	3435N	2696-15424	10	GGG
08733W	4843N	2662-15512	60	GGGG	08845W	4553N	2662-15521	0	GGGG	08946W	4311N	2698-15513	50	GGGF
08736W	2723N	2675-15282	70	GGGG	08847W	3312N	2695-15372	10	GGGG	08947W	3438N	2696-15423	10	GGGG
08736W	2722N	2657-15290	10	GGGG	08849W	3308N	2677-15380	20	GGGG	08947W	3434N	2678-15432	0	GGGGGGGG
08746W	3144N	2676-15325	90	GGGG	08850W	3308N	2659-15385	90	GGGG	08949W	3429N	2660-15441	10	GGG
08746W	3144N	2694-15320	10	FGGG	08851W	3727N	2696-15415	10	GGG	08951W	4303N	2662-15530	10	GGGG
08748W	4437N	2697-15452	90	GGGG	08852W	4146N	2697-15461	40	GGGG	08951W	3855N	2697-15470	40	GGGG
08749W	4431N	2679-15461	50	GGGG	08853W	4141N	2679-15470	20	GGGG	08951W	3850N	2679-15475	70	GGGG
08750W	3139N	2658-15333	50	GGGG	08853W	3730N	2696-15414	0	GGGG	08951W	3434N	2660-15440	0	GGGG
08751W	4428N	2661-15465	0	GGGG	08854W	3725N	2678-15423	0	GGGGGGGG	08955W	3848N	2661-15483	60	GGGF
08754W	4018N	2696-15410	0	GGG	08855W	4654N	2699-15553	0	GGGG	09000W	2854N	2695-15383	10	GGFF
08755W	3603N	2695-15363	0	GGGG	08855W	4130N	2661-15474	0	GGG	09003W	2850N	2659-15400	30	GGGG
08756W	4021N	2696-15405	0	GGGG	08855W	3719N	2660-15432	0	GGG	09004W	2851N	2677-15392	70	GGGG
08757W	3559N	2659-15380	90	GGGG	08857W	4848N	2681-15562	50	GGGG	09007W	4605N	2699-15562	10	GGGG
08758W	4013N	2678-15414	10	GGGGGGGG	08857W	3724N	2660-15431	0	GGGG	09008W	3311N	2678-15434	10	GGG
08758W	4009N	2660-15423	10	GGG	08859W	2725N	2694-15332	90	GGG	09009W	4558N	2681-15571	90	GGGG
08758W	3559N	2677-15371	10	GGGG	08900W	2726N	2676-15340	50	GGGG	09012W	4553N	2663-15575	10	GGG
08800W	4014N	2660-15422	0	GGGG	08902W	2721N	2658-15345	70	GGGG	09013W	3312N	2696-15430	20	GGGGGGGG
08805W	4726N	2698-15501	80	GGGG	08912W	3146N	2695-15374	10	GGGG	09013W	3309N	2678-15435	0	GGGG
08810W	4718N	2662-15514	10	GGGF	08914W	4436N	2698-15510	30	GGGG	09017W	4145N	2698-15515	60	GGGG
08811W	3018N	2676-15331	90	GGGG	08915W	3143N	2677-15383	30	GGGG	09017W	3308N	2660-15443	10	GGGGGGGG
08811W	3018N	2694-15323	20	GGGG	08915W	3142N	2659-15391	90	GGGG	09019W	4143N	2680-15524	10	GGGG
08815W	3013N	2658-15340	70	GGGG	08917W	3603N	2678-15425	10	GGG	09019W	3730N	2697-15473	10	GGGG
08821W	4312N	2697-15455	40	GGGG	08919W	4428N	2662-15523	0	GGGG	09019W	3725N	2679-15481	90	GGGG
08821W	3438N	2695-15365	0	GGGG	08920W	3604N	2696-15421	10	FGGGGGGG	09021W	4854N	2700-16011	90	GGGG
08822W	4306N	2679-15463	20	GGGG	08921W	3600N	2678-15430	0	GGGF	09022W	4138N	2662-15532	0	GGGG
08822W	3853N	2678-15420	10	GGG	08922W	4021N	2697-15464	60	GGGG	09023W	3723N	2661-15490	90	GGGF
08824W	4304N	2661-15472	0	GGGG	08922W	4015N	2679-15472	50	GGGG	09024W	4847N	2682-16020	100	GGGG
08824W	3433N	2659-15382	90	GGGG	08924W	3559N	2660-15434	0	GGGGGGGG	09038W	3146N	2696-15432	20	GGGG
08824W	3433N	2677-15374	10	GGGG	08924W	4013N	2661-15481	0	GGGG	09041W	4439N	2699-15564	0	GGGG
08825W	3855N	2696-15412	0	FGGGGGGG	08932W	4730N	2699-15555	70	GGGG	09042W	3142N	2660-15445	30	GGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

21113 JAN 13, 1977

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COORDINATE LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

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PRINCIPAL PT. OBSERVATION CC QUALITY				PRINCIPAL PT. OBSERVATION CC QUALITY				PRINCIPAL PT. OBSERVATION CC QUALITY						
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09045W	4428N	2663-15582	50	FGGG	09207W	3140N	2661-15504	90	GGGG	09331W	4439N	2701-16081	10	GGGG
09046W	3604N	2697-15475	30	GGGG	09209W	4432N	2682-16031	30	GGGG	09331W	3144N	2680-15553	0	GGGG
09046W	3600N	2679-15484	60	GGGG	09212W	4428N	2664-16040	0	GGG	09333W	3140N	2662-15562	100	GGGG
09047W	4019N	2698-15522	50	GGGG	09212W	3602N	2698-15533	0	GGGG	09334W	4433N	2683-16085	50	GGGG
09049W	4018N	2680-15530	80	GGGG	09214W	4024N	2699-15530	40	FGGG	09337W	4427N	2665-16094	10	FGGG
09050W	3557N	2661-15492	80	GGGF	09216W	4017N	2681-15585	40	GGGG	09339W	4023N	2700-16034	20	GGGG
09052W	4013N	2662-15535	10	GGGG	09216W	3557N	2662-15550	100	GGGG	09339W	3606N	2699-15591	0	FGGG
09059W	4728N	2700-16014	90	GGGG	09222W	4730N	2701-16072	10	GGGG	09339W	3601N	2681-16000	0	GGGG
09100W	4722N	2682-16022	90	GGGG	09226W	4722N	2683-16080	20	GGGG	09341W	4017N	2682-16043	50	GGGG
09103W	4717N	2664-16031	0	FFFF	09229W	4717N	2665-16085	60	GGGF	09343W	3557N	2663-16005	90	GGGG
09103W	3020N	2696-15435	40	GGGG	09229W	3016N	2679-15502	20	GGGG	09345W	4012N	2664-16051	0	GGGG
09106W	3016N	2660-15452	50	GGGG	09231W	3014N	2661-15510	90	GGGG	09348W	4729N	2702-16130	90	PGGG
09112W	3438N	2697-15482	70	GGGF	09238W	4313N	2700-16025	70	GGGG	09350W	4725N	2684-16135	0	GGGG
09113W	4314N	2699-15571	10	FGGG	09239W	3436N	2698-15540	0	GGGG	09355W	4717N	2666-16143	10	GGGG
09113W	3434N	2679-15490	10	GGGG	09240W	3435N	2680-15544	0	GGGG	09355W	3019N	2698-15551	30	FGGG
09115W	4307N	2681-15580	90	GGGG	09241W	4307N	2682-16034	30	GGGG	09356W	3018N	2680-15560	50	GGGG
09116W	3854N	2698-15524	10	GGGG	09242W	3431N	2662-15553	100	GGGG	09358W	3014N	2662-15564	100	GGGG
09116W	3431N	2661-15495	90	GGGG	09243W	3858N	2699-15582	0	FGGG	09404W	4314N	2701-16083	10	GGG
09121W	3848N	2662-15541	10	GGGG	09244W	4303N	2664-16042	0	GGGG	09405W	4308N	2683-16092	90	GGGG
09127W	2854N	2696-15441	30	GGGG	09244W	3852N	2681-15591	10	GGGG	09405W	3440N	2699-15594	0	FGGG
09129W	2850N	2660-15454	90	GGGG	09254W	2849N	2661-15513	100	GGGG	09405W	3435N	2681-16003	0	FGGG
09133W	4603N	2700-16020	100	FGGG	09258W	4605N	2701-16074	10	GGGG	09407W	3857N	2700-16041	10	GGGG
09135W	4557N	2682-16025	50	GGGG	09301W	4557N	2683-16083	40	GGGG	09409W	4302N	2665-16100	10	FGGG
09138W	4553N	2664-16033	0	GGGG	09304W	4552N	2665-16091	30	GGGG	09409W	3431N	2663-16011	100	GGGG
09139W	3312N	2697-15484	80	GGGG	09305W	3310N	2698-15542	0	GGGF	09410W	3851N	2682-16045	40	GGGG
09139W	3307N	2679-15493	0	GGGG	09306W	3309N	2680-15551	0	GGGF	09414W	3847N	2664-16054	60	GGG
09142W	3306N	2661-15501	90	GGGG	09308W	3306N	2662-15555	100	GGGG	09419W	2853N	2698-15554	50	PGFF
09144W	4149N	2699-15573	60	FFFF	09309W	4148N	2700-16032	90	GGGG	09420W	2852N	2680-15562	90	GGGG
09145W	4855N	2701-16065	10	GGGF	09311W	3732N	2699-15585	0	FGGF	09422W	2848N	2662-15571	100	GGGG
09145W	3728N	2698-15531	0	GGGG	09312W	4854N	2702-16124	90	GGGG	09424W	4604N	2702-16133	90	GGGG
09146W	4142N	2681-15582	90	GGGG	09312W	4142N	2682-16040	70	GGGG	09425W	4600N	2684-16141	0	GGGG
09149W	4847N	2683-16074	10	GGGG	09312W	3726N	2681-15594	10	GGGG	09430W	4552N	2666-16150	20	GGGG
09149W	3722N	2662-15544	70	GGGG	09313W	4850N	2684-16132	0	GGGG	09431W	3309N	2681-16005	0	FGGG
09153W	4842N	2665-16082	50	GGGG	09315W	4138N	2664-16045	0	GGGG	09432W	3314N	2699-16000	0	FGGG
09205W	3141N	2679-15495	10	GGGG	09319W	4842N	2666-16141	50	GGGG	09435W	4148N	2701-16090	10	GGGG

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

21113 JAN 13, 1977

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COORDINATE LISTING
FOR CONTIGUOUS US
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PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678			
LONG	LAT			LONG	LAT			LONG	LAT					
09435W	3305N	2663-16014	100	GGGG	09530W	3440N	2700-16052	20	GGGG	09631W	4019N	2684-16155	30	F3FG
09436W	4143N	2683-16094	70	GGGG	09530W	2434N	2698-15565	90	FGGG	09631W	3600N	2683-16112	40	GGGG
09436W	3731N	2700-16043	10	GGGG	09531W	3435N	2682-16061	0	GGGG	09633W	3556N	2665-16121	80	G GG
09437W	3726N	2682-16052	50	GGGG	09531W	2431N	2662-15582	100	GGGG	09633W	2603N	2699-16021	90	GGGG
09439W	4854N	2703-16182	40	GGGF	09533W	3857N	2701-16095	0	GGGG	09633W	2559N	2681-16030	30	FFFF
09440W	4850N	2685-16190	0	GGGG	09535W	4302N	2666-16155	30	GGGG	09635W	2556N	2663-16034	50	GGGG
09440W	4136N	2665-16103	20	G GG	09536W	3852N	2683-16103	50	GGGG	09636W	4012N	2666-16164	0	GGGG
09442W	3722N	2664-16060	100	GGGG	09536W	3431N	2664-16065	100	GGGG	09640W	4729N	2704-16242	80	GF GG
09443W	2727N	2698-15560	70	FGGG	09539W	3847N	2665-16112	0	G GG	09643W	4724N	2686-16251	90	GGGG
09443W	2725N	2680-15565	90	GGGG	09546W	2856N	2699-16012	10	GGGG	09648W	4719N	2668-16255	90	GGGG
09444W	4844N	2667-16195	90	GGGG	09546W	2852N	2681-16021	0	FGGG	09648W	3017N	2682-16072	0	GG
09445W	2723N	2662-15573	100	GGGG	09549W	2848N	2663-16025	50	GGGG	09651W	3013N	2664-16081	90	GGGG
09456W	3144N	2681-16012	0	FGGG	09550W	4604N	2703-16191	70	GGGG	09655W	4314N	2703-16200	20	GGGG
09457W	3148N	2699-16003	20	FGGG	09552W	4559N	2685-16195	70	GGGF	09656W	3439N	2701-16110	0	GGGG
09458W	4439N	2702-16135	50	FGGG	09555W	4555N	2667-16204	10	FGGG	09656W	2436N	2699-16023	90	GGGG
09458W	4435N	2684-16144	0	GGGG	09555W	3314N	2700-16055	10	GGGG	09656W	2433N	2681-16032	70	GGGG
09500W	3139N	2663-16020	100	GGGG	09557W	3309N	2682-16063	10	GGFG	09657W	4309N	2685-16204	90	GGGG
09503W	4427N	2666-16152	60	GGGG	09601W	4148N	2702-16144	80	GGGG	09658W	5008N	2669-16305	100	FGGG
09503W	3606N	2700-16050	0	GGG	09601W	4144N	2684-16153	10	GGGG	09658W	3434N	2683-16115	90	GGGG
09504W	4022N	2701-16092	10	G GG	09601W	3731N	2701-16101	0	GGGG	09659W	2429N	2663-16041	70	GGGG
09504W	3600N	2682-16054	10	GGGG	09601W	3305N	2664-16072	100	GGGG	09700W	3956N	2702-16153	20	GF GG
09506W	2559N	2680-15571	90	GGGG	09604W	3726N	2683-16110	10	GGGG	09700W	3854N	2684-16162	50	FGFF
09507W	4017N	2683-16101	80	GGGG	09606W	4137N	2666-16161	10	GGGG	09700W	3430N	2665-16123	90	GGGG
09507W	2600N	2698-15563	90	GGGG	09606W	3722N	2665-16114	40	F GG	09701W	4305N	2667-16213	70	GGGG
09509W	3557N	2664-16063	100	GGGG	09607W	4849N	2686-16244	40	FGGP	09705W	3847N	2666-16170	0	GGGG
09509W	2557N	2662-15580	100	GGGG	09610W	2730N	2699-16014	80	GGGG	09712W	2851N	2682-16075	20	GG G
09510W	4012N	2665-16105	10	F GF	09610W	2726N	2681-16023	10	GGGG	09715W	4604N	2704-16245	50	GGGF
09516W	4729N	2703-16184	30	GGGG	09611W	4844N	2668-16253	90	FGGG	09715W	2847N	2664-16083	90	GGGG
09517W	4725N	2685-16193	30	FGGF	09613W	2722N	2663-16032	70	GGGG	09718W	4559N	2686-16253	90	GGGG
09520W	4719N	2667-16201	50	GGGG	09623W	4439N	2703-16193	80	GGGG	09722W	3313N	2701-16113	0	GGGG
09521W	3018N	2681-16014	0	FGGG	09623W	3143N	2682-16070	0	GGGG	09723W	4554N	2668-16262	50	GGGG
09522W	3022N	2699-16005	0	GGGG	09626W	4434N	2685-16202	80	GGGG	09723W	3309N	2683-16121	90	GGGG
09525W	3013N	2663-16023	90	GGGG	09627W	3139N	2664-16074	90	GGGG	09726W	4149N	2703-16202	10	GGGG
09529W	2433N	2680-15574	90	GGGG	09629W	4430N	2667-16210	40	PGGG	09726W	3304N	2665-16130	100	GGGG
09530W	4313N	2702-16142	10	FGGG	09629W	3605N	2701-16104	0	GGGG	09727W	3728N	2684-16164	90	GGGG
09530W	4310N	2684-16150	0	GGGG	09631W	4022N	2702-16151	80	FGG	09728W	4144N	2685-16211	90	GGGG

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COORDINATE LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

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PRINCIPAL PT. OF IMAGE	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
09728W	3731N	2702-16160	10	GGFG	09836W	2854N	2701-16124	20	GGG	09939W	3017N	2684-16185	90	G G G G
09732W	4139N	2667-16215	90	GGGG	09837W	2851N	2683-16133	90	F G G G	09942W	3013N	2666-16193	80	GGGG
09733W	4851N	2687-16303	90	GGGG	09840W	2846N	2665-16141	100	GGGG	09948W	3438N	2703-16223	0	F G G G
09733W	3721N	2666-16173	0	GGGG	09845W	4601N	2687-16312	50	GGGG	09948W	3436N	2685-16231	10	GGGG
09736W	4844N	2669-16311	100	GGGG	09848W	4594N	2669-16320	90	P G G G	09949W	5010N	2671-16421	90	GGGG
09736W	2724N	2682-16081	80	GGGG	09848W	3313N	2702-16171	70	F G G	09950W	4311N	2687-16321	10	GGGG
09739W	2721N	2664-16090	90	GGGG	09848W	3310N	2684-16180	90	F G G F	09952W	5005N	2653-16425	10	GGGG
09748W	3147N	2701-16115	0	GGGG	09853W	4147N	2704-16260	80	F G G G	09953W	4304N	2669-16325	70	GGGG
09748W	3143N	2683-16124	90	GGGG	09853W	3304N	2666-16184	70	GGGG	09953W	3855N	2704-16265	0	GGGG
09749W	4438N	2704-16251	40	GGGG	09854W	3731N	2703-16214	0	G G F G	09953W	3432N	2667-16240	50	GGGG
09751W	4434N	2686-16260	80	G F G F	09855W	4143N	2686-16265	60	GGGG	09955W	3852N	2686-16274	0	G G G F
09751W	3139N	2665-16132	100	GGGG	09856W	3727N	2685-16222	60	F G G	09958W	3849N	2668-16282	70	GGGG
09755W	3605N	2702-16162	10	GGGG	09858W	4850N	2688-16361	0	GGG	10001W	2855N	2702-16183	100	GGGG
09755W	3602N	2684-16171	70	F G G G	09859W	4139N	2668-16273	90	GGGG	10004W	2851N	2684-16191	70	F G G F
09757W	4429N	2668-16264	10	G G G F	09859W	3725N	2667-16231	0	F G G G	10005W	2847N	2666-16200	100	G G G
09757W	4023N	2703-16205	0	G F G G	09900W	2728N	2701-16131	50	GGGG	10010W	4600N	2688-16370	0	GGGG
09758W	4019N	2685-16213	60	F G G G	09901W	2725N	2683-16135	90	GGGG	10014W	4554N	2670-16374	80	GGGG
09800W	3555N	2666-16175	10	GGGG	09902W	4843N	2670-16365	30	GGGG	10014W	3313N	2703-16225	10	F F G P
09800W	2558N	2682-16084	90	GGGG	09903W	2720N	2665-16144	100	GGGG	10014W	3310N	2685-16234	10	G F G G
09802W	4015N	2667-16222	40	GGGG	09913W	3147N	2702-16174	90	F F G G	10018W	3307N	2667-16242	80	GGGG
09802W	2555N	2664-16092	100	GGGG	09914W	3144N	2684-16182	90	F G G G	10020W	4145N	2687-16323	10	GGGG
09810W	4726N	2687-16305	90	GGGG	09918W	4436N	2687-16314	20	GGGG	10021W	3729N	2704-16272	0	GGGG
09812W	3021N	2701-16122	10	GGGG	09918W	3139N	2666-16191	60	GGGG	10023W	3727N	2686-16280	0	G F G F
09813W	4712N	2669-16314	90	F G G G	09921W	4430N	2669-16323	80	GGGG	10024W	4139N	2669-16332	50	F G G G
09813W	3017N	2683-16130	90	GGGG	09922W	3605N	2703-16220	0	GGGG	10025W	4848N	2689-16415	70	GGGG
09816W	3013N	2665-16135	100	GGGG	09922W	3602N	2685-16225	10	F G G G	10025W	2729N	2702-16185	90	GGGG
09821W	3436N	2684-16173	100	GGGG	09923W	4021N	2704-16263	40	GGGG	10026W	3723N	2668-16285	20	P P
09822W	4313N	2704-16254	50	G G G F	09923W	2602N	2701-16133	90	GGGG	10027W	4845N	2671-16423	90	GGGG
09822W	3439N	2702-16165	10	G F G G	09924W	2558N	2683-16142	90	GGGG	10028W	2726N	2684-16194	70	P G F G
09824W	5008N	2670-16363	70	F	09925W	4018N	2686-16271	10	G G G F	10029W	2721N	2666-16202	100	G G G
09824W	4309N	2686-16262	80	GGGG	09926W	3558N	2667-16233	10	G G F G	10030W	4840N	2653-16432	20	GGGG
09826W	3856N	2703-16211	0	G G G F	09927W	2555N	2665-16150	100	GGGG	10039W	3147N	2703-16232	10	F G G P
09827W	3429N	2666-16182	30	GGGG	09929W	4014N	2668-16280	90	GGGG	10040W	3144N	2685-16240	0	GGGG
09828W	3853N	2685-16220	50	F G G G	09935W	4725N	2688-16363	0	G G G F	10043W	4434N	2688-16372	0	GGGG
09829W	4304N	2668-16271	30	GGGG	09938W	3021N	2702-16180	70	GGGG	10044W	3141N	2667-16245	50	GGGG
09831W	3850N	2667-16224	0	G G G F	09939W	4719N	2670-16372	40	GGGG	10047W	4429N	2670-16381	100	GGGG

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21:13 JAN 13, '77

LANDSAT-2
COORDINATE LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

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PRINCIPAL PY. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS
LONG LAT			12345678	LONG LAT			12345678	LONG LAT			12345678
10049W 3604N	2704-16274	0	GGGG	10155W 4843N	2654-16490	40	GFGG	10319W 2727N	2704-16301	40	GGGG
10049W 3601N	2686-16283	0	GGGF	10206W 3146N	2704-16290	20	GGGG	10320W 2725N	2686-16310	0	GGGF
10050W 4020N	2687-16330	10	GGGG	10207W 3143N	2686-16294	0	GGG	10321W 4844N	2673-16540	40	GGGG
10051W 2600N	2684-16200	50	FFFF	10210W 4433N	2689-16430	70	GGGG	10322W 4842N	2655-16544	20	FGGG
10052W 2556N	2666-16205	100	GGGG	10210W 3141N	2668-16303	0	GGG	10323W 2723N	2668-16314	10	GGGG
10053W 3558N	2668-16291	0	GGGG	10212W 4431N	2671-16435	10	GGGG	10333W 3145N	2687-16353	50	GGGG
10054W 4014N	2669-16334	0	GGGG	10214W 4426N	2653-16443	10	GGGG	10334W 4436N	2690-16485	30	GGGG
10102W 4724N	2689-16421	80	GGGG	10217W 4018N	2688-16384	70	GFGG	10335W 3140N	2669-16361	90	GGGG
10104W 4721N	2671-16430	90	GGGG	10218W 3557N	2669-16350	90	GGGG	10340W 4429N	2672-16493	10	GGGG
10104W 3020N	2703-16234	20	FGGF	10220W 4013N	2670-16392	60	GFGG	10342W 4430N	2654-16501	10	GGGG
10104W 3018N	2685-16243	0	GGFG	10227W 4726N	2690-16480	90	GGGG	10343W 3557N	2670-16404	40	GGGG
10106W 4716N	2653-16434	10	GGGG	10231W 4719N	2672-16484	70	GGGG	10344W 4017N	2689-16442	60	GGGG
10109W 3016N	2667-16251	40	GGGF	10231W 3019N	2704-16292	0	GGGG	10345W 4015N	2671-16450	10	GGGG
10115W 4309N	2688-16375	20	FGGG	10231W 3017N	2686-16301	0	GGFG	10347W 4011N	2653-16455	10	GGGG
10115W 3438N	2704-16281	0	GGGG	10232W 4719N	2654-16492	20	GGGG	10355W 4725N	2691-16534	50	GGGG
10116W 3435N	2686-16285	0	GGGF	10235W 3015N	2668-16305	0	GGGG	10358W 4719N	2673-16542	90	GGGG
10117W 5009N	2672-16475	50	GGGG	10242W 4308N	2689-16433	70	GGGG	10358W 3019N	2687-16355	20	GGGG
10117W 5008N	2654-16483	20	FGGG	10243W 5009N	2673-16533	10	GGGG	10359W 4717N	2655-16551	10	GGGG
10119W 4304N	2670-16383	90	GFGG	10244W 4306N	2671-16441	10	FGGG	10359W 3014N	2669-16364	50	GFGG
10119W 3433N	2668-16294	0	GGGG	10244W 3431N	2669-16352	100	GGGG	10406W 5008N	2656-17000	10	GGGG
10120W 3854N	2687-16332	70	GGGG	10246W 4301N	2653-16450	40	GGGG	10406W 4310N	2690-16491	10	GGGG
10123W 3848N	2669-16341	0	GGGG	10246W 3853N	2688-16390	90	GGGG	10407W 3436N	2688-16402	90	GGGG
10129W 2852N	2685-16245	0	GGFG	10249W 3848N	2670-16395	70	GGGG	10410W 3431N	2670-16410	10	GGGG
10137W 4558N	2689-16424	70	GGGG	10255W 2853N	2704-16295	10	GGGG	10412W 4304N	2672-16500	10	GGGG
10139W 4556N	2671-16432	70	GGGF	10256W 2851N	2686-16303	0	GGGF	10413W 4304N	2654-16504	20	GGGG
10141W 4551N	2653-16441	10	GGGG	10259W 2849N	2668-16312	10	FGGG	10413W 3852N	2689-16444	10	GGGG
10141W 3312N	2704-16283	0	GGGG	10301W 4601N	2690-16482	90	GGGG	10414W 3850N	2671-16453	10	GGGG
10141W 3309N	2686-16292	0	GGGF	10306W 4554N	2672-16491	60	GGGG	10416W 3845N	2653-16461	10	GGGG
10145W 3307N	2668-16300	0	GGPG	10307W 4554N	2654-16495	60	GGGG	10421W 2853N	2687-16362	20	GGGG
10147W 4144N	2688-16381	30	GGGG	10310W 3306N	2669-16355	100	GGGG	10423W 2848N	2669-16370	10	GGGG
10148W 3728N	2687-16335	60	GGGG	10314W 4143N	2689-16435	60	GGGG	10430W 4601N	2691-16540	50	GGGG
10150W 4851N	2690-16473	40	GGGG	10314W 3727N	2688-16393	100	GGGG	10432W 4554N	2673-16545	80	GGGG
10150W 4138N	2670-16390	70	FGGG	10315W 4140N	2671-16444	10	GG G	10432W 3310N	2688-16404	90	GGGG
10151W 3722N	2669-16343	40	GGGG	10316W 3722N	2670-16401	10	GGGG	10434W 4553N	2655-16553	0	GGGG
10153W 2726N	2685-16252	10	GGGG	10317W 4136N	2653-16452	10	GGGG	10436W 3305N	2670-16413	20	GGGG
10155W 4844N	2672-16482	70	GGGG	10318W 4850N	2691-16531	90	GG G	10437W 4145N	2690-16494	0	GGGG

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21113 JAN 13, 1977

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COORDINATE LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

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PRINCIPAL PT. OF IMAGE		OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE		OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE		OBSERVATION ID	CC %	QUALITY RBV MSS
LONG	LAT			12345678	LONG	LAT			12345678	LONG	LAT			12345678
10441W	3726N	2689-16451	0	GGGG	10542W	3848N	2654-16515	30	GGGG	10688W	3437N	2690-16514	0	GGGG
10442W	4852N	2692-16585	70	GGGG	10547W	2852N	2688-16420	100	GGGG	10659W	4312N	2692-17003	0	GGGG
10442W	4139N	2672-16502	10	GGGG	10550W	2847N	2670-16424	20	GGGG	10701W	5005N	2658-17112	70	GGGG
10442W	3724N	2671-16455	0	GGGG	10553W	4602N	2692-16594	0	GGGG	10701W	4306N	2674-17012	70	GGGG
10443W	4137N	2654-16510	30	GGGG	10556W	4557N	2674-17003	50	GGGG	10702W	4302N	2656-17020	20	GGGG
10444W	4846N	2674-16594	40	GGGG	10556W	4553N	2656-17011	90	GGGG	10703W	3432N	2672-16523	0	GGGG
10444W	4843N	2656-17002	10	GGGG	10601W	3308N	2689-16462	30	GGGG	10703W	3431N	2654-16531	0	GGGG
10444W	3719N	2653-16464	10	GGGG	10601W	3307N	2671-16471	0	GGGG	10705W	3854N	2691-16561	0	GGGG
10445W	2727N	2687-16364	70	GGGG	10604W	3728N	2690-16505	0	GGGG	10708W	3848N	2655-16574	0	GGGG
10446W	2723N	2669-16373	0	GGGG	10604W	3304N	2653-16475	0	GGGG	10708W	3848N	2673-16565	10	GGGG
10457W	3144N	2688-16411	90	GGGG	10606W	4144N	2691-16552	10	GGGG	10720W	4601N	2693-17053	10	GGGG
10502W	3139N	2670-16415	10	GGGG	10608W	4851N	2693-17044	20	GGGG	10722W	4555N	2675-17061	10	GGGG
10503W	4435N	2691-16543	80	GGGG	10609W	4138N	2655-16565	0	GGGG	10724W	3311N	2690-16521	0	GGGG
10506W	4428N	2673-16511	70	GGGG	10609W	4138N	2673-16560	40	GGGG	10725W	4552N	2657-17070	10	GGGG
10507W	4428N	2655-16560	0	GGGG	10609W	3724N	2672-16514	0	GGGG	10728W	3307N	2672-16525	10	GGGG
10507W	4019N	2690-16500	0	GGGG	10610W	3722N	2654-16522	0	GGGG	10729W	3305N	2654-16533	0	GGGG
10509W	3600N	2689-16453	0	GGGG	10611W	4845N	2675-17052	20	GGGG	10731W	4146N	2692-17010	10	GGGG
10509W	3558N	2671-16462	0	GGGG	10613W	4841N	2657-17061	10	GGGG	10732W	4141N	2674-17014	70	GGGG
10511W	3554N	2653-16470	10	GGGG	10625W	3142N	2671-16473	10	GGGG	10733W	4138N	2656-17023	70	GGGG
10512W	4013N	2672-16505	10	GGGG	10626W	3142N	2689-16465	80	GGGG	10733W	3728N	2691-16563	0	GGGG
10513W	4012N	2654-16513	60	GGGG	10627W	4437N	2692-17001	0	GGGG	10735W	4850N	2694-17102	20	GGGG
10518W	4727N	2692-16592	10	GGGG	10629W	4432N	2674-17005	80	GGGG	10735W	4847N	2676-17110	70	GGGG
10521W	4722N	2674-17000	40	GGGG	10629W	3138N	2653-16482	0	GGGG	10736W	3723N	2673-16572	0	GGGG
10521W	4718N	2656-17005	90	GGGG	10630W	4428N	2656-17014	60	GGGG	10736W	3722N	2655-16580	10	GGGG
10522W	3018N	2688-16413	100	GGGG	10631W	3602N	2690-16512	0	GGGG	10740W	4840N	2658-17115	60	GGGG
10526W	3013N	2670-16422	10	GGGG	10636W	4019N	2691-16554	10	GGGG	10750W	3145N	2690-16523	60	GGGG
10533W	5010N	2675-17050	40	GGGG	10636W	3558N	2672-16520	0	GGGG	10753W	3142N	2672-16532	40	GGGG
10535W	5006N	2657-17054	10	GGGG	10637W	3556N	2654-16524	0	GGGG	10754W	4436N	2693-17055	0	GGGG
10535W	4309N	2691-16545	20	GGGG	10639W	4013N	2655-16571	0	GGGG	10754W	3139N	2654-16540	0	GGGG
10535W	3434N	2689-16460	0	GGGG	10639W	4013N	2673-16563	30	GGGG	10756W	4431N	2675-17064	10	GGGG
10536W	3854N	2690-16503	0	GGGG	10645W	4726N	2693-17050	10	GGGG	10758W	4427N	2657-17072	30	GGGG
10536W	3433N	2671-16464	0	GGGG	10647W	4720N	2675-17055	10	GGGG	10800W	3602N	2691-16570	0	GGGG
10537W	4303N	2673-16554	50	GGGG	10650W	4717N	2657-17063	0	GGGG	10801W	4021N	2692-17012	10	GGGG
10538W	4303N	2655-16562	0	GGGG	10650W	3016N	2671-16480	40	GGGG	10802W	4015N	2674-17021	70	GGGG
10538W	3429N	2653-16473	0	GGGG	10651W	3017N	2689-16471	90	GGGG	10803W	4012N	2656-17025	40	GGGG
10541W	3849N	2672-16511	10	GGGG	10654W	3012N	2653-16484	0	GGGG	10803W	3557N	2673-16574	0	GGGG

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PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
LONG LAT				LONG LAT				LONG LAT			
10804W 3556N	2655-16583	0	GGGG	10921W 4435N	2694-17113	30	GGGG	11029W 4846N	2678-17223	30	FGGG
10812W 4726N	2694-17104	90	FGGG	10921W 3140N	2673-16590	10	GGGG	11030W 4843N	2660-17231	10	GGGG
10812W 4723N	2676-17113	90	GF GG	10924W 4426N	2658-17130	90	GGGG	11042W 3147N	2692-17035	10	FGGG
10815W 3019N	2690-16530	80	GGGG	10925W 3604N	2692-17024	10	GGGG	11044W 3142N	2674-17044	0	GGGG
10816W 4715N	2658-17121	10	GGGG	10927W 4020N	2693-17071	0	FGGG	11045W 4438N	2695-17171	10	GGGF
10818W 3016N	2672-16534	60	GGGG	10927W 3559N	2674-17032	20	GGGG	11046W 3139N	2656-17052	0	GGGG
10818W 3014N	2654-16542	0	GGGG	10928W 4015N	2675-17075	10	GGGG	11048W 4432N	2677-17180	90	GGGG
10826W 5008N	2659-17170	10	GGGG	10930W 4012N	2657-17084	10	GGGG	11049W 4429N	2659-17184	10	GGGG
10826W 4311N	2693-17062	0	GGGG	10936W 4728N	2695-17162	0	GGGG	11052W 3603N	2693-17082	0	FGGG
10826W 3436N	2691-16572	0	GGGG	10939W 4722N	2677-17171	90	GGGG	11052W 3559N	2675-17091	30	GGGG
10828W 4306N	2675-17070	10	GGGG	10941W 4719N	2659-17175	30	GGGF	11054W 4019N	2694-17125	20	GGGG
10830W 4302N	2657-17075	40	GGGG	10942W 3018N	2691-16584	10	GGGF	11054W 4016N	2676-17133	30	G GG
10830W 3855N	2692-17015	0	GGGG	10944W 3013N	2655-17001	0	GGGG	11056W 3556N	2657-17095	0	GGGG
10830W 3432N	2673-16581	0	GGGG	10946W 3015N	2673-16592	10	GGGG	11058W 4011N	2658-17142	90	GGGG
10830W 3431N	2655-16585	0	FGGG	10951W 5008N	2660-17225	0	GGGG	11102W 4728N	2696-17221	70	GGGG
10831W 3850N	2674-17023	40	GGFG	10951W 3439N	2692-17030	10	GGGG	11105W 4721N	2678-17225	80	FGGG
10832W 3847N	2656-17032	10	GGGG	10953W 4310N	2694-17120	20	GGGG	11106W 4718N	2660-17234	10	GGGG
10840W 2853N	2690-16532	40	GGGG	10953W 4308N	2676-17124	60	GGGG	11107W 3021N	2692-17042	20	FGGG
10847W 4601N	2694-17111	70	GGGG	10953W 3433N	2674-17035	0	GGGG	11109W 3016N	2674-17050	10	GGGG
10847W 4559N	2676-17115	100	G	10956W 3854N	2693-17073	0	GGFG	11111W 3013N	2656-17055	0	GGGG
10851W 4551N	2658-17124	40	GGGG	10957W 4302N	2658-17133	80	GGGG	11117W 5006N	2661-17283	10	G GG
10852W 3310N	2691-16575	10	FGGG	10957W 3850N	2675-17082	10	GGGG	11117W 4312N	2695-17174	0	GGG
10855W 3305N	2655-16592	0	GGG	10959W 3847N	2657-17090	10	GGGG	11118W 3437N	2693-17085	0	GGGF
10856W 3305N	2673-16583	0	GGGG	11011W 4603N	2695-17165	10	GGFG	11118W 3433N	2675-17093	50	GGGG
10857W 4145N	2693-17064	0	GGGG	11014W 4557N	2677-17173	90	GGGG	11120W 4308N	2677-17182	40	GGGG
10858W 4140N	2675-17073	10	GGGG	11016W 4554N	2659-17182	30	GGGG	11122W 4304N	2659-17191	0	GGFG
10858W 3730N	2692-17021	0	GGGG	11017W 3313N	2692-17033	10	GGGG	11122W 3851N	2676-17140	0	GGG
10859W 3725N	2674-17030	60	GF GG	11019W 3308N	2674-17041	0	GGGG	11123W 3853N	2694-17131	10	GGGG
10900W 4853N	2695-17160	20	GF GF	11021W 3305N	2656-17050	0	GGGG	11123W 3430N	2657-17102	0	GGGG
10900W 4138N	2657-17081	30	GGGG	11024W 4144N	2694-17122	30	GGGG	11127W 3846N	2658-17144	80	GGGG
10900W 3721N	2656-17034	0	GGGG	11024W 4142N	2676-17131	70	GGGG	11137W 4603N	2696-17223	40	GGGG
10902W 4847N	2677-17164	90	GGGG	11024W 3729N	2693-17080	0	GGGG	11140W 4556N	2678-17232	80	FGGG
10904W 4844N	2659-17173	10	GGGG	11025W 4852N	2696-17214	60	GGG	11141W 4553N	2660-17240	10	GGGG
10917W 3144N	2691-16581	20	GGGG	11025W 3724N	2675-17084	10	GGGG	11144W 3310N	2693-17091	0	GGGG
10920W 4434N	2676-17122	80	GGGG	11028W 4137N	2658-17135	70	GGGG	11144W 3307N	2675-17100	70	GGGG
10920W 3139N	2655-16594	0	GGGG	11028W 3721N	2657-17093	0	GGGG	11148W 4147N	2695-17180	10	GF GG

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PRINCIPAL PT. OF IMAGE LONG LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE LONG LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE LONG LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
11149W 3305N	2657-17104	0	GGGG	11303W 4602N	2697-17281	0	GGGG	11412W 4306N	2679-17295	10	GGGG
11150W 4142N	2677-17185	10	GGGG	11306W 4556N	2679-17290	10	GGGG	11412W 3433N	2659-17214	10	GGGG
11150W 3726N	2676-17142	10	GGG	11306W 4553N	2661-17294	0	GGGG	11414W 4304N	2661-17303	0	GGGG
11151W 3727N	2694-17134	0	GFGG	11310W 3310N	2676-17154	0	G G	11414W 3856N	2696-17244	0	GGGG
11152W 4852N	2697-17272	10	FFFF	11311W 3310N	2694-17145	0	GGGG	11417W 3850N	2678-17252	0	GGFG
11153W 4138N	2659-17193	0	GGFG	11314W 4147N	2696-17235	40	GGGG	11417W 3848N	2660-17261	50	GGGG
11154W 4845N	2679-17281	10	GGFG	11314W 3304N	2658-17162	0	GGGG	11429W 4604N	2698-17335	0	GGGG
11154W 4841N	2661-17285	10	GGGG	11316W 4853N	269A-17330	60	GGGG	11431W 4558N	2680-17344	10	GGGG
11155W 3720N	2658-17151	30	GGGG	11316W 3730N	2695-17192	0	GGGG	11434W 4552N	2662-17352	10	GGGG
11209W 3144N	2693-17094	10	FGGG	11317W 4141N	2678-17243	10	GGGG	11435W 3312N	2695-17203	10	GGGG
11209W 3141N	2675-17102	70	GGGG	11317W 3725N	2677-17200	0	GGGG	11437W 3308N	2677-17212	0	GGGG
11211W 4438N	2696-17230	20	GGGG	11318W 4139N	2660-17252	10	GGGG	11438W 3308N	2659-17220	0	GGGG
11213W 4430N	2678-17234	40	GGGG	11319W 3724N	2659-17205	10	GGGG	11440W 4146N	2697-17293	0	GGGG
11214W 4428N	2660-17243	10	FFFG	11320W 4848N	2680-17335	30	GGGG	11442W 4855N	2699-17385	20	GGGG
11214W 3139N	2657-17111	0	GGGG	11323W 4842N	2662-17343	10	GGGG	11442W 3730N	2696-17250	0	GGGG
11218W 4022N	2695-17183	10	FFGG	11335W 3144N	2676-17160	10	GGG	11443W 4140N	2679-17301	10	GGGG
11218W 3602N	2694-17140	0	FFGG	11336W 4436N	2697-17284	0	GGGG	11444W 4848N	2681-17393	80	FGGG
11218W 3601N	2676-17145	10	GG	11336W 3144N	2694-17152	0	GGGG	11445W 4139N	2661-17310	0	GGGG
11220W 4016N	2677-17191	20	GGGG	11340W 4431N	2679-17292	0	GGGG	11445W 3725N	2678-17255	0	GGFG
11222W 3555N	2658-17153	10	GGGG	11340W 3139N	2658-17165	10	GGGG	11445W 3723N	2660-17263	70	GGGG
11223W 4013N	2659-17200	0	GGGG	11341W 4428N	2661-17301	0	GGGG	11450W 4842N	2663-17402	60	GGGG
11228W 4727N	2697-17275	10	GGGG	11343W 3605N	2695-17194	0	GGGG	11501W 3146N	2695-17210	10	FGGF
11231W 4720N	2679-17283	10	GGGG	11344W 4021N	2696-17241	20	GGGG	11502W 3142N	2677-17214	0	GGFG
11231W 4717N	2661-17292	0	GGGG	11345W 3600N	2677-17203	0	FGGG	11503W 4439N	2698-17342	0	GGGG
11234W 3019N	2693-17100	0	GFGG	11346W 3558N	2659-17211	0	GGGG	11504W 4433N	2680-17350	0	GGGG
11234W 3016N	2673-17105	90	GGGG	11347W 4016N	2678-17250	10	FGFG	11504W 3142N	2659-17223	10	GGGG
11239W 3014N	2657-17113	0	GFGG	11348W 4014N	2660-17254	60	FGGG	11508W 4428N	2662-17355	40	GGGG
11243W 4312N	2696-17232	30	GGGG	11353W 4729N	2698-17333	20	GGGG	11509W 3603N	2696-17253	20	GGGG
11244W 3436N	2676-17151	0	GG	11356W 4723N	2680-17341	60	FGGG	11510W 4020N	2697-17295	0	GGGG
11245W 3435N	2694-17143	0	GGGG	11359W 4717N	2662-17350	20	GGGG	11512W 3559N	2678-17261	0	GGFG
11246W 4305N	2678-17241	50	GGFG	11400W 3018N	2676-17163	10	GGFF	11513W 4015N	2679-17304	0	GGFG
11247W 4304N	2660-17245	0	GGGG	11401W 3018N	2694-17154	10	GGGG	11513W 3557N	2660-17270	90	GGGG
11248W 3856N	2695-17185	0	GGGG	11409W 4311N	2697-17290	0	GGGG	11515W 4014N	2661-17312	10	GGGG
11248W 3430N	2658-17160	0	GGGG	11410W 3439N	2695-17201	10	FGGG	11518W 4730N	2699-17391	30	PGGG
11249W 3830N	2677-17194	0	GGFG	11411W 3434N	2677-17205	0	GGGG	11520W 4723N	2681-17400	40	GGGG
11251W 3848N	2659-17202	10	GGGG	11412W 5006N	2663-17395	60	GGGG	11526W 4717N	2663-17404	90	GGGG

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PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
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11535W 4314N	2698-17344	0	GGGF	11647W 4722N	2682-17454	80	GGGG	11812W 4729N	2701-17503	70	GGG
11535W 3438N	2696-17255	10	GGGG	11651W 4718N	2664-17462	90	GGGG	11813W 4726N	2683-17512	90	FGGG
11537W 4308N	2680-17353	10	FFFF	11700W 4314N	2699-17403	50	GGGG	11815W 4718N	2665-17521	80	GGGG
11539W 3854N	2697-17302	0	GGGG	11702W 4308N	2681-17411	0	GGGG	11826W 4314N	2700-17461	10	FGGG
11539W 3433N	2678-17264	0	GFFG	11702W 3436N	2697-17313	20	GGGG	11828W 4308N	2682-17465	80	GGGG
11539W 3432N	2660-17272	90	GGGG	11704W 3433N	2679-17322	0	GGGG	11828W 3440N	2698-17371	0	GGFG
11540W 4303N	2662-17361	100	GGGG	11706W 3858N	2698-17360	0	GGGG	11829W 3435N	2680-17380	0	GGGF
11542W 3849N	2679-17310	0	GGGG	11706W 3432N	2661-17330	10	GGGG	11831W 4303N	2664-17474	60	GGGG
11544W 3849N	2661-17315	20	GGGG	11707W 4303N	2663-17420	90	GGGG	11831W 3856N	2699-17414	0	GGGG
11553W 4605N	2699-17394	40	PGGG	11707W 3852N	2680-17364	0	GGGG	11831W 3431N	2662-17384	80	GGGG
11555W 4558N	2681-17402	10	PGGG	11710W 3848N	2662-17373	90	GGGG	11832W 3852N	2681-17423	0	GGGG
11601W 4552N	2663-17411	70	GGGG	11720W 4605N	2700-17452	40	GGGG	11837W 3846N	2663-17431	10	GGGG
11601W 3312N	2696-17262	20	GGGG	11722W 4558N	2682-17460	50	GGGG	11848W 4605N	2701-17510	50	GGGG
11605W 3308N	2678-17270	0	GGFG	11726W 4552N	2664-17465	80	GGGG	11848W 4601N	2683-17514	70	GGGG
11605W 3306N	2660-17275	90	GGGG	11728W 3311N	2697-17320	10	GGGG	11850W 4553N	2665-17523	70	GGGG
11606W 4149N	2698-17351	0	FGGG	11729W 3308N	2679-17324	0	GG	11855W 3310N	2680-17382	0	GGGG
11608W 4854N	2700-17443	70	GGGG	11731W 4147N	2699-17405	10	GGGG	11857W 3305N	2662-17391	60	GGGG
11608W 4143N	2680-17355	0	GGGG	11732W 3307N	2661-17333	10	GGGG	11858W 4149N	2700-17463	20	GGGG
11608W 3729N	2697-17304	0	GGGG	11733W 4143N	2681-17414	0	GGFG	11859W 4142N	2682-17472	90	GGGG
11610W 3724N	2679-17313	0	GGGG	11734W 3732N	2698-17362	0	GGGF	11900W 4854N	2702-17555	50	GGFG
11611W 4138N	2662-17364	90	GGGG	11735W 4854N	2701-17501	70	GGGG	11900W 3731N	2699-17421	0	GGGG
11612W 3723N	2661-17321	10	GGGG	11736W 4831N	2683-17505	40	GGGG	11900W 3727N	2681-17425	0	GGGG
11615W 4842N	2664-17460	90	GGGG	11736W 3726N	2680-17371	0	GGGG	11902W 4850N	2684-17564	90	GGFG
11626W 3146N	2696-17264	50	GGGG	11737W 4138N	2663-17422	80	GGGG	11902W 4132N	2664-17480	40	GGGG
11627W 4440N	2699-17400	30	GGGG	11738W 3723N	2662-17375	60	GGGG	11904W 4845N	2666-17572	70	GGGG
11629W 4433N	2681-17405	0	GGFG	11753W 3142N	2679-17331	0	GGGG	11905W 3721N	2663-17434	40	GGGG
11629W 3142N	2678-17273	0	GGGG	11754W 4440N	2700-17454	10	GGGG	11921W 4440N	2701-17512	40	GGGG
11630W 3141N	2660-17281	90	GGGG	11756W 4433N	2682-17463	40	GGFG	11922W 4436N	2683-17521	70	FGGG
11635W 4428N	2663-17413	90	GG	11757W 3140N	2661-17335	20	FGGG	11923W 4428N	2665-17530	60	GGGG
11636W 4023N	2698-17353	0	GGGG	11759W 4427N	2664-17471	40	GGGG	11927W 3605N	2699-17423	10	GGGG
11636W 3603N	2697-17311	40	GGGG	11801W 3607N	2698-17365	0	GGGG	11928W 4023N	2700-17470	40	GGFG
11637W 3558N	2679-17315	0	GGGG	11802W 4022N	2699-17412	0	GGGG	11928W 3602N	2681-17432	10	GGGG
11638W 4018N	2680-17362	0	GGGG	11803W 4018N	2681-17420	0	GGGG	11929W 4016N	2682-17474	60	GGGG
11639W 3557N	2661-17324	10	GGGG	11803W 3601N	2680-17373	0	GGGG	11932W 4012N	2664-17483	30	GGGG
11641W 4013N	2662-17370	80	GGGG	11805W 3557N	2662-17382	60	GGGG	11932W 3556N	2663-17440	70	GGGG
11645W 4730N	2700-17445	80	GGGG	11808W 4012N	2663-17425	40	GGGG	11936W 4730N	2702-17562	80	GGGG

KEYS: CLOUD COVER % 0 TO 100 * % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

21113 JAN 13, 1977

LANDSAT-2
COORDINATE LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

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PRINCIPAL PT. OF IMAGE	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS
11939W	4725N	2684-17570	80	FGFF	12118W	4314N	2702-17573	40	FFGG	12247W	4309N	2685-18040	20	FGGF
11940W	4721N	2666-17575	10	GGGG	12119W	4309N	2684-17582	0	GGFF	12248W	4305N	2667-18044	30	FGGG
11954W	4314N	2701-17515	30	GGGG	12120W	3440N	2700-17484	20	GGGG	12248W	3430N	2665-17555	90	GGGG
11954W	4311N	2683-17523	70	GGGG	12121W	3434N	2682-17492	80	GGGG	12250W	3856N	2702-17585	10	GGGG
11954W	3439N	2699-17430	0	GGGG	12122W	4305N	2666-17590	20	GGGG	12250W	3854N	2684-17593	10	FFFF
11955W	4303N	2665-17532	10	GGGG	12123W	3853N	2683-17535	10	PGGG	12253W	3850N	2666-18002	50	G GG
11955W	3436N	2681-17434	0	GGGG	12123W	3430N	2664-17501	10	GGGG	12302W	4607N	2704-18080	80	GGGG
11957W	3857N	2700-17472	30	FGGG	12124W	3856N	2701-17530	70	GGGG	12307W	4559N	2686-18085	90	GGGG
11958W	3850N	2682-17481	10	GGGG	12126W	3847N	2665-17544	30	GGGG	12309W	4554N	2668-18094	70	GGGG
11958W	3430N	2663-17443	40	GGGG	12139W	4604N	2703-18022	80	GGGG	12316W	4148N	2703-18034	90	GGGG
12001W	3847N	2664-17485	10	GGGG	12141W	4559N	2685-18031	70	FGGG	12318W	4144N	2685-18042	10	FGGG
12012W	4604N	2702-17564	90	GGGG	12142W	4555N	2667-18035	70	GGGG	12318W	3730N	2702-17591	10	GGFG
12013W	4600N	2684-17573	70	FFFG	12147W	3308N	2682-17495	90	GGGG	12318W	3728N	2684-18000	10	FGFG
12015W	4556N	2666-17581	10	GGGG	12150W	4148N	2702-17580	30	GGGG	12320W	4139N	2667-18051	20	GGF
12021W	3310N	2681-17441	30	FGGG	12150W	4144N	2684-17584	0	GGFF	12321W	4851N	2687-18134	70	GGGF
12025W	4148N	2701-17521	60	GGGG	12152W	3730N	2701-17533	60	GGGG	12321W	3724N	2666-18004	70	G GG
12025W	4145N	2683-17530	10	GGGG	12152W	3728N	2683-17541	10	GGGG	12325W	4842N	2669-18143	90	GGGG
12026W	4138N	2665-17535	10	FGGG	12153W	4140N	2666-17593	20	GGGG	12336W	4442N	2704-18083	80	GGGG
12026W	3732N	2700-17475	60	GGGG	12154W	3721N	2665-17550	40	GGGG	12340W	4433N	2686-18092	90	G GG
12026W	3725N	2682-17483	10	GGGG	12155W	4848N	2686-18080	80	GGGG	12342W	4430N	2668-18100	40	GGGG
12027W	4854N	2703-18013	90	GGGG	12158W	4844N	2668-18085	20	GGGG	12345W	3605N	2702-17594	20	GGGG
12029W	4849N	2685-18022	70	GGGG	12213W	4439N	2703-18025	80	GGGG	12345W	3602N	2684-18002	30	FFGF
12029W	3721N	2664-17492	20	GGGG	12215W	4434N	2685-18033	40	GGFG	12346W	4022N	2703-18040	90	GGGG
12031W	4845N	2667-18030	10	GGGG	12216W	4430N	2667-18042	50	GGGG	12348W	4018N	2685-18045	10	GGGG
12045W	4439N	2702-17571	90	FFGG	12219W	3603N	2683-17544	20	FGFF	12348W	3559N	2666-18011	90	GGGG
12047W	4435N	2684-17575	10	FGFF	12220W	4023N	2702-17582	10	FGGG	12350W	4014N	2667-18053	10	FG
12049W	4430N	2666-17584	40	GGGG	12220W	3604N	2701-17535	30	GGGG	12358W	4726N	2687-18141	50	GGGG
12053W	3606N	2700-17481	40	GGFG	12221W	4019N	2684-17591	10	FGGG	12402W	4718N	2669-18145	70	GGGG
12054W	4018N	2683-17532	10	GGGG	12222W	3555N	2665-17553	50	GGGG	12409W	4317N	2704-18085	70	GGGG
12054W	3600N	2682-17490	10	GGGG	12224W	4015N	2666-17595	30	GGGG	12413W	4308N	2686-18094	70	GGGG
12055W	4022N	2701-17524	60	GGGG	12227W	4732N	2704-18074	80	GGGG	12415W	4304N	2668-18103	40	GGGP
12056W	4013N	2665-17541	10	GGGG	12232W	4723N	2686-18083	90	GGGG	12415W	3856N	2703-18043	70	GGFG
12056W	3556N	2664-17494	10	GGGG	12234W	4719N	2668-18091	40	GGGG	12417W	3853N	2685-18051	10	GGGG
12104W	4729N	2703-18020	90	GGGG	12245W	4314N	2703-18031	90	GGGG	12419W	3849N	2667-18060	10	FFFG
12106W	4724N	2685-18024	70	GGGG	12246W	3438N	2701-17542	20	GGGG	12433W	4601N	2687-18143	40	GGGG
12107W	4720N	2667-18033	70	GGGG	12247W	5007N	2669-18140	90	GGGG	12440W	4151N	2704-18092	80	GGGG

KEYS: CLOUD COVER % 0 TO 100 % CLOUD COVER.
IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

21113 JAN 13, 1977

LANDSAT-2
COORDINATE LISTING
FOR CONTIGUOUS US
FROM 12/01/76 TO 12/31/76

PAGE 0082

PRINCIPAL PT. OF IMAGE		OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE		OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE		OBSERVATION ID	CC %	QUALITY RBV MSS
LONG	LAT			12345678	LONG	LAT			12345678	LONG	LAT			12345678
12446W	4139N	2668-18105	60	GGGG	12511W	4025N	2704-18094	80	GGGG	12540W	3859N	2704-18101	70	GGGG
12447W	3724N	2667-18062	10	FFFF	12514W	3559N	2667-18065	20	FFFF	12545W	3848N	2668-18114	70	GGGG
12448W	4849N	2688-18192	90	GGGG	12516W	4014N	2668-18112	70	GGGG					

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

21120 JAN 13, 1977

LANDSAT-2
COORDINATE LISTING
FOR ALASKA
FROM 12/01/76 TO 12/31/76

PAGE 0083

PRINCIPAL PT. OF IMAGE	LAT	LONG	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LAT	LONG	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE	LAT	LONG	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
17829E	5305N	2693-22131	90	GGGF		15844W	5950N	2662-20575	90	GGGG		16839W	5301N	2684-21215	40	GGGG	
17821E	5255N	2657-22144	90	GGGG		15911W	5705N	2661-20525	70	GGGG		16841W	5256N	2666-21224	40	GGGG	
17451E	5423N	2678-22303	100	FGG		15917W	5426N	2678-20472	90	GGGF		16917W	5427N	2685-21271	100	FGGF	
17447E	5416N	2660-22312	70	GGGG		15921W	5419N	2660-20480	60	GGGG		16917W	5145N	2702-21213	30	GGGG	
14634W	6236N	2655-20170	100	FGGG		15942W	5828N	2662-20581	20	GGFG		16921W	5137N	2684-21222	50	FFFF	
14742W	6113N	2655-20172	100	GGGG		16001W	5542N	2661-20532	80	FGGG		16924W	5132N	2666-21230	40	FGFG	
14801W	6234N	2656-20225	50	GGGG		16006W	5954N	2663-21033	50	GGGG		16929W	6236N	2653-21490	60	GGG	
14844W	5951N	2655-20175	100	GGGG		16035W	5704N	2662-20584	10	GGGG		17002W	5303N	2685-21273	100	FGFG	
14908W	6112N	2656-20231	20	GGGG		16048W	5418N	2661-20534	60	GGGG		17036W	6114N	2653-21492	90	GGGG	
14942W	5828N	2655-20182	100	FGGG		16104W	5831N	2663-21035	50	GPFG		17044W	5138N	2685-21280	100	GGGG	
15010W	5949N	2656-20234	10	FGGG		16122W	5547N	2680-20582	30	GGGG		17046W	5426N	2686-21325	90	GGGG	
15036W	5705N	2655-20184	100	GGGG		16126W	5541N	2662-20590	30	GGGG		17051W	5419N	2668-21334	80	GGGG	
15108W	5627N	2656-20240	20	FGGG		16135W	5953N	2664-21091	90	GGGG		17131W	5303N	2686-21332	90	GGFG	
15157W	6115N	2658-20343	40	GGFG		16158W	5708N	2663-21042	70	GGFG		17135W	5255N	2668-21340	60	GGG	
15202W	5704N	2656-20243	10	FGGG		16210W	5423N	2680-20584	40	GGGG		17138W	5951N	2653-21495	90	GGGG	
15252W	5511N	2656-20245	30	FGGG		16213W	5417N	2662-20593	60	GGGG		17213W	5426N	2687-21383	90	FGFG	
15300W	5952N	2658-20350	20	GGGG		16233W	5630N	2664-21093	90	GGGG		17214W	5422N	2669-21392	70	GGGG	
15324W	6115N	2659-20402	80	GGGG		16247W	5547N	2681-21040	100	GGGG		17214W	5138N	2686-21334	80	GGGG	
15358W	5829N	2658-20352	40	GGGG		16250W	5544N	2663-21044	80	GGGG		17215W	5131N	2658-21343	50	GGG	
15426W	5953N	2659-20404	90	GGGG		16327W	5707N	2664-21100	90	GGGG		17236W	5829N	2653-21501	90	GGGG	
15449W	6115N	2660-20460	90	GGGG		16335W	5423N	2681-21042	90	GGGG		17258W	5302N	2687-21390	90	GGGF	
15452W	5707N	2658-20355	80	GGGG		16337W	5421N	2663-21051	40	GGGG		17259W	5258N	2669-21394	80	GGGG	
15523W	5830N	2659-20411	90	GGGG		16400W	5830N	2665-21152	30	GGGG		17330W	5706N	2653-21504	90	GGGG	
15542W	5544N	2658-20361	90	GGGG		16417W	5544N	2664-21102	100	GGGG		17337W	5428N	2688-21441	80	FGGG	
15552W	5952N	2660-20462	80	GGGG		16420W	5259N	2681-21045	90	GGGG		17341W	5138N	2687-21392	70	GGGF	
15617W	5706N	2659-20413	90	GGGG		16423W	5257N	2663-21053	40	GGGG		17342W	5421N	2670-21450	80	GGGG	
15650W	5829N	2660-20465	80	GGGG		16455W	5707N	2665-21154	20	GGGG		17342W	5134N	2669-21401	60	FGFG	
15707W	5543N	2659-20420	90	GGGG		16504W	5421N	2664-21105	90	GGGG		17420W	5542N	2653-21510	90	GPFG	
15708W	5547N	2677-20411	100	FFFF		16545W	5543N	2665-21161	20	GGGG		17422W	5304N	2688-21444	90	FGG	
15719W	5951N	2661-20520	90	FGGG		16549W	5257N	2664-21111	70	GGGG		17427W	5257N	2670-21453	70	GGGG	
15744W	5707N	2660-20471	80	GGGG		16632W	5420N	2665-21163	30	GGGG		17505W	5140N	2688-21450	90	FGFG	
15755W	5422N	2677-20414	100	GGFG		16707W	5543N	2666-21215	10	GGGG		17508W	5419N	2653-21513	100	GGGG	
15755W	5419N	2659-20422	90	GGGG		16717W	5256N	2663-21170	40	GGGG		17509W	5133N	2670-21455	50	GGGG	
15817W	5828N	2661-20523	70	GGGG		16753W	5425N	2684-21213	30	FGGG		17549W	5303N	2689-21502	50	GGGG	
15829W	5550N	2678-20465	90	GGGF		16755W	5420N	2666-21221	30	GGGG		17552W	5257N	2671-21511	50	FGGG	
15834W	5543N	2660-20474	70	GGGG		16834W	5309N	2702-21211	30	GGGG		17553W	5255N	2653-21515	100	GGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

21:20 JAN 13, 1977

LANDSAT-2
COORDINATE LISTING
FOR ALASKA
FROM 12/01/76 TO 12/31/76

PAGE 0084

PRINCIPAL PT. OF IMAGE					OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE					OBSERVATION ID	CC %	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE					OBSERVATION ID	CC %	QUALITY RBV MSS		
LONG	LAT						12345678	LONG	LAT						12345678	LONG	LAT							12345678	
17631W	5138N	2689	21505		50	GGGG		17717W	5259N	2672	21565		60	GGGF		17803W	5129N	2654	21580		40	FFFF			
17635W	5132N	2671	21513		70	GGGG		17721W	5253N	265	21573		40	FFFF		17921W	5139N	2691	22021		60	GGGG			
17636W	5131N	2653	21522		100	FGGG		17755W	5141N	2690	21563		30	GGGG		17924W	5134N	2673	22030		70	GGGG			
17712W	5305N	2690	21560		30	GGGG		17759W	5134N	2672	21571		70	GGGF		17928W	5129N	2655	22034		80	GGGG			

KEYS: CLOUD COVER % 0 TO 100 % CLOUD COVER.
IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

APPENDIX

EXPLANATION OF OBSERVATION ID

PAGE 0085

The day after the 999th day of operation of LANDSAT 1, the first digit of the observation ID becomes a 5, signifying that the 1000th day of operation has been reached. The next three digits, which correspond to the count of days since launch, return to 000. On each day thereafter the count, as before, increases by one. The ID format for LANDSAT 1 is illustrated below:

1000 - hhmms

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1998 - hhmms

1999 - hhmms April 18, 1975

5000 - hhmms April 19, 1975

5001 - hhmms (Days since launch equal 1001)

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The same general identification procedure will be used for LANDSAT 2 imagery. The day after the 999th day of operation of LANDSAT 2, the first digit of the observation ID becomes a 6, and the next three digits return to 000 as explained above. An illustration follows:

2000 - hhmms

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2999 - hhmms

6000 - hhmms

6001 - hhmms (Days since launch equal 1001)

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Key: hh = hours
 mm = minutes
 s = tens of seconds