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MU-L1-04055
JSC-17119

AgRISTARS

A Joint Program for Agriculture and Resources Inventory Surveys Through Aerospace Remote Sensing

February 1981

INTERIM CATALOG GROUND DATA SUMMARY

DATA ACQUISITION YEAR 1979

NASA CR-161033

H. M. Doyle and V. L. Cook

(E82-10032) AGRISTARS: INTERIM CATALOG GROUND DATA SUMMARY, DATA ACQUISITION YEAR 1979 (Lockheed Engineering and Management) 32 p HC A03/MF A01 CSCL 02C

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Lockheed Engineering and Management Services Co., Inc.
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Houston, Texas 77058

Lyndon B. Johnson Space Center
Houston, Texas 77058

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16. Abstract

Data Management receives numerous requests for information about data holdings. In an effort to answer some of these questions, and to facilitate the requirements specification process, a series of interim catalogs are being developed. The 1979 data acquisition year is covered in this volume of the catalog with subsequent years to follow under different covers. This catalog lists by state those sample segment numbers for which aircraft data has been acquired and/or field inventory products produced.

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JSC-17119
MU-L1-04055

INTERIM CATALOG

GROUND DATA SUMMARY

Data Acquisition Year 1979

J.O. 76-612

Prepared By

H. M. Doyle

V. L. Cook

Approved By

LOCKHEED

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For

Earth Observations Division

Space and Life Sciences Directorate

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LYNDON B. JOHNSON SPACE CENTER
Houston, Texas 77058

February 1981

LEMSCO-16207

LOCKHEED

ENGINEERING AND MANAGEMENT SERVICES COMPANY, INC.

February 9, 1981
Ref: 647-428
Job Order 76-612
NAS 9-15800

Mr. D. H. Hay
National Aeronautics & Space Administration
Lyndon B. Johnson Space Center
Houston, Texas 77058

Dear Mr. Hay:

Subject: Transmittal of 1979 Interim Data Catalog

The attached 1979 data year document is the first in a series of interim catalogs. This catalog was prepared as partial fulfillment of Action Document 63-2457-6612-07, Interim Catalog.

Ground data compilations for subsequent years will be forwarded under separate cover as the data becomes available.

Sincerely,

Vassie L. Cook

V. L. Cook

Approved: D. R. Marquis 2-10-81
D. R. Marquis
Data Management Project Office

Paul C. Swanzy 2-10-81
P. C. Swanzy, Manager
Data Facilities Department

cc: JSC/L. F. Childs w/o attach.
G. E. McKain
R. G. Musgrove w/o attach.

Lockheed/M. L. Bertrand, Jr. w/o attach.
J. J. Vaccaro " "
Job Order File

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II. Specifications

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I. INTRODUCTION

The purpose of this document is to transmit information about the contents of ground and aircraft data holdings. The mechanism for transmitting this information is the completed Ground Data Summary Form (GDSF). The 1979 data acquisition year is covered in this volume of the interim catalog with subsequent years to follow under a different cover.

II. CATALOG SPECIFICATIONS:

Detail specifications, background information, description of the format, sources of information and an explanation of procedures for this catalog can be found in the Appendix of this document.

GROUND DATA SUMMARY FORM

State: Alabama

Year: 1979

Area of Interest 1	County 2	Aircraft 9x9 CT Av. 3	Acq. Date 4	Field Inventory Av. 5	Wall to Wall UGTT 6	Special Fields UGTT 7	418 Dot OL Av. 8	UGTT PFC Registration Date 9	Periodic Observation Av. 10
288	Geneva	N/A	N/A	x 2(B&W)	N/A	N/A	N/A	N/A	N/A
308	Baldwin	X	10-11-79	x 2(B&W)	↓	↓	N/A	N/A	N/A
309	Lawrence	X	11-7-79	x 2(B&W)	↓	↓	N/A	N/A	N/A
310	Madison	X	11-7-79	x 2(B&W)	↓	↓	N/A	N/A	N/A
345	Dallas	X	5-1-79	x 2(B&W)	X	X	N/A	6-13-79	X

GROUND DATA SUMMARY FORM

State: Arizona

Year: 1979

Area of Interest 1	County 2	Aircraft 9x9 CT Av. 3	Acq. Date 4	Field Inventory Av. 5	Wall to Wall UGTT 6	Special Fields UGTT 7	418 Dot OL Av. 8	UGTT PFC Registration Date 9	Periodic Observation Av. 10
264	Maricopa	N/A *	5-1-79	x 2(B&W)	X	X	X	7-27-79	X

* No Aircraft transparency available; however, negative of site is available.

GROUND DATA SUMMARY FORM

State: Arkansas

Year: 1979

Area of Interest 1	County 2	Aircraft 9x9 CT Av. 3	Acq. Date 4	Field Inventory Av. 5	Wall to Wall UGTT 6	Special Fields UGTT 7	418 Dot OL Av. 8	UGTT PFC Registration Date 9	Periodic Observation Av. 10
102	Greene	X	4-30-79	x 2(B&W)	X	X	X	8-18-79	X
103	Jefferson	X	5-15-79	x 2(B&W)	X	X	X	8-19-79	X
104	Lonoke	X	5-15-79	x 2(B&W)	N/A	N/A	N/A	N/A	X
301	Ashley	X	4-30-79	x (B&W)	X	X	N/A	8-18-79	X
302	St. Francis	X	4-30-79	x 2(B&W)	X	X	N/A	8-18-79	X
303	Jackson	X	4-30-79	x 2(B&W)	X	X	X	7-31-79	X
304	Poinsett	X	4-30-79	x 2(B&W)	X	X	N/A	8-18-79	X
305	Arkansas	X	5-15-79	x 2(B&W)	X	X	N/A	8-18-79	X
306	Mississippi	X	4-30-79	x 2(B&W)	X	X	X	8-18-79	X

GROUND DATA SUMMARY FORM

State: California, Colorado, and Delaware

Year: 1979

Area of Interest 1	County 2	Aircraft 9x9 CT Av. 3	Acq. Date 4	Field Inventory Av. 5	Wall to Wall UGTT 6	Special Fields UGTT 7	418 Dot OL Av. 8	UGTT PFC Registration Date 9	Periodic Observation Av. 10
CALIFORNIA									
260	Glenn	X	6-26-79	x (B&W)	X	X	X	6-30-79	X
261	Fresno #2	X	7-6-79	x (B&W)	X	X	N/A	7-24-79	X
263	Kern	X	7-6-79	x (B&W)	X	X	N/A	8-20-79	X
278	Fresno #1	X	7-6-79	N/A	X	X	N/A	N/A	X
COLORADO									
996	Washington	X	6-14-79	N/A	N/A	N/A	N/A	N/A	N/A
DELAWARE									
317	Sussex #1	X	6-25-79	x 2(B&W)	X	X	N/A	6-15-79	X
318	Sussex #2	X	6-25-79	x 2(B&W)	X	X	X	7-3-79	X

JSC Form 378 (Rev Feb 80)

DATA SHEET

NASA-JSC

GROUND DATA SUMMARY FORM

State: Georgia

Year: 1979

Area of Interest 1	County 2	Aircraft 9x9 CT Av. 3	Acq. Date 4	Field Inventory Av. 5	Wall to Wall UGTT 6	Special Fields UGTT 7	418 Dot OL Av. 8	UGTT PFC Registration Date 9	Periodic Observation Av. 10
311	Laurens	X	5-1-79	x 2(B&W)	X	X	X	6-19-79	X
312	Tift	X	6-18-79	x 2(B&W)	N/A	N/A	N/A	N/A	X
330	Screven	X	6-18-79	x 2(B&W)	N/A	N/A	N/A	8-11-79	X
331	Bulloch	X	6-18-79	x 2(B&W)	X	X	X	8-2-79	X
333	Sumter	X	6-18-79	x 2(B&W)	X	X	N/A	7-16-79	X
334	Thomas	N/A	N/A	N/A	N/A	N/A	N/A	N/A	X
335	Brooks	N/A	N/A	N/A	N/A	N/A	N/A	N/A	X

GROUND DATA SUMMARY FORM

State: Illinois

Year: 1979

Area of Interest 1	County 2	Aircraft 9x9 CT Av. 3	Acq. Date 4	Field Inventory Av. 5	Wall to Wall UGTT 6	Special Fields UGTT 7	418 Dot OL Av. 8	UGTT PFC Registration Date 9	Periodic Observation Av. 10
107	Boone	X	6-24-79	x 2(B&W)	X	X	X	9-5-79	X
114	McLean	X	6-24-79	x 2(B&W)	X	X	N/A	N/A	X
805	Fulton	X	6-24-79	x 2 (B&W)	N/A	N/A	N/A	N/A	X
807	Henry	X	6-22-79	x 2(B&W)	N/A	N/A	N/A	N/A	X
824	Iroquosis	X	6-24-79	x 2(B&W)	X	X	X2	9-22-79	X
828	Kankakee	X	6-24-79	x 2(B&W)	X	X	X	8-8-79	X

GROUND DATA SUMMARY FORM

State: Indiana

Year: 1979

Area of Interest 1	County 2	Aircraft 9x9 CT Av. 3	Acq. Date 4	Field Inventory Av. 5	Wall to Wall UGTT 6	Special Fields UGTT 7	418 Dot OL Av. 8	UGTT PFC Registration Date 9	Periodic Observation Av. 10
123	Hamilton	X	6-24-79	x 2(B&W)	X	X	X	8-7-79	X
127	Montgomery	X	6-24-79	x 2(B&W)	X	X	X	9-4-79	X
133	Whitley	X	6-24-79	x 2(B&W)	X	X	X	7-19-79	X
833	Adams	X	6-24-79	x 2(B&W)	N/A	N/A	N/A	N/A	X
837	Benton	X	6-24-79	x 2(B&W)	X	X	X	9-4-79	X
843	Henry	X	6-24-79	x 2(B&W)	X	X	X	5-17-79	X
851	Newton	X	6-24-79	x 2(B&W)	X	X	X	9-4-79	X
854	Tippecanoe	X	6-24-79	x 2(B&W)	X	X	X	9-4-79	X
856	Warren	X	6-24-79	x 2(B&W)	X	X	X	9-4-79	X

GROUND DATA SUMMARY FORM

State: Iowa

Year: 1979

Area of Interest 1	County 2	Aircraft 9x9 CT Av. 3	Acq. Date 4	Field Inventory Av. 5	Wall to Wall UGTT 6	Special Fields UGTT 7	418 Dot OL Av. 8	UGTT PFC Registration Date 9	Periodic Observation Av. 10
135	Chickasaw	N/A	N/A	x 2(B&W)	N/A	N/A	X	N/A	X
144	Wapello	X	6-22-79	x 2(B&W)	X	X	X	8-3-79	X
145	Warren	X	6-14-79	x 2(B&W)	X	X	X	8-12-79	X
801	Delaware	N/A	N/A	x 2(B&W)	N/A	N/A	N/A	N/A	X
804	Marshall	X	6-14-79	x 2(B&W)	X	X	X	8-30-79	X
883	Palo Alto	X	6-14-79	x 2(B&W)	X	X	X	8-4-79	X
886	Pottawattamie	X	6-14-79	x 2(B&W)	X	X	X	8-31-79	X
892	Shelby	X	6-14-79	x 2(B&W)	X	X	X	8-22-79	X
893	Webster	X	6-14-79	x 2(B&W)	X	X	X	8-4-79	X

GROUND DATA [illegible] FORM

State: Kansas

Year: 1979

Area of Interest 1	County 2	Aircraft D/S OT Av. 3	Acq. Date 4	Field Inventory Av. 5	Wall to wall USTT 6	Special Fields USTT 7	418 Dot OL Av. 8	USTT PFC Registration Date 9	Periodic Observation Av. 10
323	Stevens	X	5-15-79	x 2(B&W)	X	X	N/A	8-8-79	X
325	Marion	X	6-11-79	x (B&W)	X	X	N/A	8-5-79	X
997	Greeley	X	6-14-79	N/A	N/A	N/A	N/A	N/A	N/A
998	Jewell	X	6-11-79	N/A	N/A	N/A	N/A	N/A	N/A
1177	Crawford	N/A	N/A	x 2(B&W)	N/A	N/A	N/A	N/A	N/A
1988	Finney	X	6-14-79	N/A	N/A	N/A	N/A	N/A	N/A

State: Kentucky and Louisiana

Year: 1979

Area of Interest 1	County 2	Aircraft 9x9 CT Av. 3	Acq. Date 4	Field Inventory Av. 5	Wall to Wall UGTT 6	Special Fields UGTT 7	418 Dot OL Av. 8	UGTT PFC Registration Date 9	Periodic Observation Av. 10
KENTUCKY									
146	Ballard	N/A	N/A	x 2(B&W)	N/A	N/A	N/A	N/A	X
153	Crittenden	N/A	N/A	x 2(B&W)			X		X
164	Daviess	N/A	N/A	x 2(B&W)			N/A		X
328	Todd	N/A	N/A	x (B&W)					X
LOUISIANA									
174	More House	X	4-30-79	x (B&W)	X	X	N/A	8-18-79	X
266	Evangeline	X	5-14-79	x 2(B&W)	N/A	N/A		N/A	X
267	Acadia	X	10-11-79	N/A	N/A	N/A			X
268	Jeff Davies	X	5-14-79	x (B&W)	X	X		6-25-79	X
269	East Carrol	X	4-30-79	x (B&W)	N/A	N/A		N/A	X
270	Madison	X	4-30-79	x 2(B&W)	N/A	N/A	X	8-18-79	X
271	Catahoula	X	5-15-79	N/A	N/A	N/A	N/A	N/A	X
272	Concordia	X	4-30-79	x (B&W)	N/A	N/A			X
273	Franklin	X	4-30-79	x (B&W)	X	X		8-18-79	X
274	Tensas	X	4-30-79	x (B&W)	X	X		9-22-79	X

GROUND DATA SUMMARY FORM

State: Maryland and Mississippi

Year: 1979

Area of Interest 1	County 2	Aircraft 979 CT Av. 3	Acq. Date 4	Field Inventory Av. 5	Wall to Wall UGTT 6	Special Fields UGTT 7	418 Dot OL Av. 8	UGTT PFC Registration Date 9	Periodic Observation Av. 10
MARYLAND									
313	Queen Annes	X	6-25-79	x 2(B&W)	X	X	X	7-3-79	X
314	Caroline	X	6-25-79	x 2(B&W)	X	X	X	7-3-79	X
MISSISSIPPI									
187	Benton	X	5-10-79	x 2(B&W)	X	X	N/A	6-15-79	X
188	Calhoun	X	4-30-79	x 2(B&W)	N/A	N/A		N/A	X
195	Pontotoc	X	5-8-79	x 2(B&W)	X	X		9-4-79	X
196	Sharkey	X	10-3-79	x 2(B&W)	N/A	N/A		N/A	X
198	Tunica	X	5-15-79	x 2(B&W)	X	X	X	8-9-79	X
200	Yazoo	X	4-30-79	x 2(B&W)	X	X	N/A	10-19-79	X
297	Tallahatchie	X	4-30-79	x 2(B&W)	X	X	X	7-3-79	X
298	Humphreys	X	10-3-79	N/A	N/A	N/A	N/A	N/A	X
299	Monroe	X	4-30-79	x 2(B&W)	X	X		7-2-79	X
812	Bolivar	X	4-30-79	x (B&W)	X	X	X	8-18-79	X

GROUND DATA SUMMARY FORM

State: Minnesota

Year: 1979

Area of Interest 1	County 2	Aircraft 9x9 CT Av. 3	Acq. Date 4	Field Inventory Av. 5	Wall to Wall UGTT 6	Special Fields UGTT 7	418 Dot OL Av. 8	UGTT PFC Registration Date 9	Periodic Observation Av. 10
315	Waseca	N/A	N/A	N/A	N/A	N/A	N/A	N/A	X
1380	Redwood	X a)	6-14-79	x 2(B&W)			X		X
1514	Marshall	N/A	N/A	x 2(B&W)		X	X	8-7-79	X
1518	Roseau	N/A	N/A	x 2(B&W)		X	X	8-7-79	X
1524	Kandivohi	N/A	N/A	x 2(B&W)		N/A	X	N/A	N/A
1566	Grant	N/A	N/A	x 2(B&W)			N/A		X
1825	Norman	N/A	N/A	x 2(B&W)	N/A	N/A	X	8-25-79	X
1835	Otter Tail	N/A	N/A	x 2(B&W)	N/A	N/A	X	N/A	X
1842	Yellow Medicine	N/A	N/A	x 2(B&W)	N/A	N/A	N/A	N/A	X
1843	Benton	N/A	N/A	x 2(B&W)			X		X
1987	Polk	N/A	N/A	x 2(B&W)		X	X	8-7-79	X

a) Rejected cloudy

JSC Form 375 (Rev. Feb 80) DATA SHEET NASA-JSC

GROUND DATA SUMMARY FORM

State: Missouri, Montana, and Nebraska

Year: 1979

Area of Interest 1	County 2	Aircraft 9x9 CT Av. 3	Acq. Date 4	Field Inventory Av. 5	Wall to Wall UGTT 6	Special Fields UGTT 7	418 Dot OL Av. 8	UGTT PFC Registration Date 9	Periodic Observation Av. 10
MISSOURI									
204	Callaway	N/A	N/A	x 2(B&W)	N/A	N/A	N/A	N/A	X
209	Gentry	X	6-14-79	x 2(B&W)	X	X	X	8-3-79	X
211	Grundy	X	6-22-79	x 2(B&W)	N/A	N/A	N/A	N/A	X
217	Platte	X	6-22-79	x 2(B&W)	X	X	X	8-4-79	X
316	Boone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	X
MONTANA									
1540	Richland	X	6-12-79	N/A	N/A	N/A	N/A	N/A	N/A
1725	Flathead	N/A	N/A	x (B&W)			X		X
1943	Roosevelt	X	6-12-79	N/A			N/A		N/A
1948	Fergus	N/A	N/A	x 2(B&W)		X	X	7-20-79	X
NEBRASKA									
326	Harlan	X	6-14-79	x 3(B&W)	N/A	N/A	N/A	N/A	X
327	Saunders	X	6-14-79	x 2(B&W)	X	X	N/A	8-5-79	X
994	Banner	X	6-14-79	N/A	N/A	N/A		N/A	N/A
995	Keith	X	6-14-79	N/A				N/A	N/A
1388	Dixon	N/A	N/A	x 2(B&W)					X
1594	Gage	X	6-14-79	x 2(B&W)	X	X		8-5-79	X
1596	Thayer	X	6-11-79	x 2(B&W)	X	X		6-13-79	X

JSC Form 376 (Rev Feb 80) DATA SHEET NASA-JSC

GROUND DATA SUMMARY FORM

State: North Carolina

Year: 1979

Area of Interest 1	County 2	Aircraft 9x9 CT Av. 3	Acq. Date 4	Field Inventory Av. 5	Wall to Wall UGTT 6	Special Fields UGTT 7	418 Dot OL Av. 8	UGTT PFC Registration Date 9	Periodic Observation Av. 10
332	Pitt	X	5-1-79	x (2 B&W)	N/A	N/A	N/A	N/A	X
340	Halifax	X	5-1-79	x (2 B&W)			N/A		X
341	Duplin	X	5-1-79	x 2(B&W)	X	X		8-17-79	X
342	Johnson	X	5-1-79	x (B&W)	N/A	N/A	N/A	N/A	X
343	Wayne	X	5-1-79	x (2 B&W)	X	X		8-8-79	X
344	Sampson	X	5-1-79	x (2 B&W)	X	X		12-9-79	X

JSC Form 378 (Rev Feb 80) DATA SHEET NASA-JSC

GROUND DATA SUMMARY FORM

State: North Dakota

Year: 1979

Area of Interest 1	County 2	Aircraft 9x9 CT Av. 3	Acq. Date 4	Field Inventory Av. 5	Wall to Wall UGTT 6	Special Fields UGTT 7	418 Dot OL Av. 8	UGTT PFC Registration Date 9	Periodic Observation Av. 10
1387	Ramsey	X	6-12-79	x 2(B&W)	N/A	N/A	X	N/A	N/A
1392	Benson	X	6-12-79	x 2(B&W)	N/A	N/A	X	N/A	X
1394	Burke	X	6-12-79	x 2(B&W)	X	X	X	7-6-79	X
1395	McLean	X	6-12-79	N/A	N/A	N/A	N/A	N/A	N/A
1399	Richland	N/A	N/A	x 2(B&W)	N/A	N/A	N/A	N/A	X
1457	Ward	X	6-12-79	x 2(B&W)	X	X	X	8-11-79	X
1461	Pierce	X	6-12-79	x 2(B&W)	X	X	X	7-23-79	X
1465	Nelson	X	6-12-79	N/A	N/A	N/A	N/A	N/A	N/A
1467	Towner	X	6-12-79	x 2(B&W)	N/A	X	X	7-22-79	X
1471	Wells	X	6-12-79	N/A	N/A	N/A	N/A	N/A	N/A
1472	Barnes	X	6-12-79	x 2(B&W)	X	X	X	8-8-79	X
1473	Cass	N/A	N/A	x 2(B&W)	N/A	X	X	8-8-79	X
1571	Dunn	X	6-12-79	x 2(B&W)	X	X	X	6-28-79	X
1577	Sheridan	X	6-12-79	N/A	N/A	N/A	N/A	N/A	N/A
1584	Pembina	N/A	N/A	x 2(B&W)	N/A	N/A	N/A	N/A	X
1602	Mountrail	X	6-12-79	x 2(B&W)	N/A	N/A	N/A	N/A	X
1611	Bottineau	X	6-12-79	x 2(B&W)	N/A	N/A	N/A	N/A	X
1612	McHenry	X	6-12-79	x 2(B&W)	X	X	X	7-22-79	X
1617	Cavalier	X	6-12-79	x 2(B&W)	N/A	N/A	X	N/A	X
1619	Grand Forks	N/A	N/A	x 2(B&W)		X	X	7-21-79	X
1627	McKenzie	X	6-12-79	x 2(B&W)	X	X	X	7-24-79	X
1630	Mercer	X	6-12-79	x 2(B&W)	X	X	X	8-1-79	X
1636	Stutsman	X	6-12-79	x 2(B&W)	X	X	X	7-21-79	X
1645	Traill	N/A	N/A	x 2(B&W)	N/A	N/A	N/A	N/A	X
1650	Hettinger	X	6-12-79	x 2(B&W)	N/A	N/A	N/A	N/A	X

GROUND DATA SUMMARY FORM

State: North Dakota (cont.) Year: 1979

Area of Interest 1	County 2	Aircraft 9x9 CT Av. 3	Acq. Date 4	Field Inventory Av. 5	Wall to Wall UGTT 6	Special Fields UGTT 7	418 Dot OL Av. 8	UGTT PFC Registration Date 9	Periodic Observation Av. 10
1653	Burleigh	X	6-12-79	x 2(B&W)	X	X	X	7-22-79	X
1656	Morton	X	6-12-79	x 2(B&W)	N/A	N/A	N/A	N/A	X
1658	Dickey	X	6-12-79	x 2(B&W)	X	X	X	7-21-79	X
1661	McIntosh	X	6-12-79	x 2(B&W)	N/A	N/A	N/A	N/A	X
1664	Sargent	N/A	N/A	x 2(B&W)	N/A	N/A	X	N/A	X
1901	McKenzie	X	6-12-79	N/A	N/A	N/A	N/A	N/A	N/A
1909	Kidder	X	6-12-79	x 2(B&W)	X	X	X	8-27-79	X
1917	Emmons	X	6-12-79	x 2(B&W)	N/A	N/A	N/A	N/A	X
1918	Grant	X	6-12-79	x	X	X	X	8-28-79	X
1920	Sioux	X	6-12-79	x 2(B&W)	X	X	X	7-22-79	X
1924	Lamoure	X	6-12-79	x 2(B&W)	X	X	X	8-8-79	X
1974	Ransom	X	6-12-79	x 2 (B&W)	X	X	X	8-8-79	X

GROUND DATA SUMMARY FORM

State: Ohio, Oklahoma, and Oregon

Year: 1979

Area of Interest 1	County 2	Aircraft 9x9 CT Av. 3	Acq. Date 4	Field Inventory Av. 5	Wall to Wall UGTT 6	Special Fields UGTT 7	418 Dot OL Av. 8	UGTT PFC Registration Date 9	Periodic Observation Av. 10
OHIO									
228	Clinton	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
229	Defiance	X	6-22-79	x 2(B&W)	N/A *	N/A	X	7-9-79	X
230	Delaware	X	6-24-79	x 2(B&W)	X	X	X	8-30-79	X
231	Fulton	X	6-22-79	x 2(B&W)	N/A	N/A	X	N/A	X
234	Logan	X	6-24-79	x 2(B&W)	N/A	N/A	N/A	N/A	X
238	Wyandot	X	6-22-79	x 2(B&W)	N/A	N/A	N/A	N/A	X
OKLAHOMA									
999	Grant	X	6-11-79	N/A	N/A	N/A	N/A	N/A	N/A
1219	Tillman	X	5-15-79	x 2(B&W)	X	X	N/A	6-12-79	X
1226	Washita	X	5-15-79	x 2(B&W)	X	X	X	6-13-79	X
1357	Cimarron	X	5-15-79	x 2(B&W)	X	X	N/A	7-21-79	X
1956	Kingfisher	X	6-11-79	x 2(B&W)	N/A	N/A	N/A	N/A	X
OREGON									
946	Morrow	X	6-26-79	N/A	N/A	N/A	N/A	N/A	N/A
947	Sherman	X	6-26-79	N/A	N/A	N/A	N/A	N/A	N/A
948	Umatilla	X	6-26-79	N/A	N/A	N/A	N/A	N/A	N/A

* In work

GROUND DATA SUMMARY FORM

State: Pennsylvania and South Carolina

Year: 1979

Area of Interest 1	County 2	Aircraft 9x9 CT Av. 3	Acq. Date 4	Field Inventory Av. 5	Wall to Wall UGTT 6	Special Fields UGTT 7	418 Dot OL Av. 8	UGTT PFC Registration Date 9	Periodic Observation Av. 10
PENNSYLVANIA									
319	Lancaster	X	6-25-79	x	N/A *	N/A *	N/A	6-25-79	X
320	Berks	X	6-25-79	x 2(B&W)	X	X	N/A	8-9-79	X
321	Chester	X	6-25-79	x 2(B&W)	N/A *	N/A *	N/A	9-23-79	X
322	Lehigh	X	6-25-79	x 2(B&W)	X	X	X	4-26-79	X
SOUTH CAROLINA									
336	Williamsburg	X	5-1-79	x 2(B&W)	X	X	X	7-14-79	X
337	Orangeburg	X	5-1-79	x 2(B&W)	X	X	X	6-27-79	X
338	Marlboro	X	5-1-79	x 2(B&W)	X	X	X	7-5-79	X
339	Lee	X	5-1-79	x 2(B&W)	X	X	X	7-14-79	X

* In work

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GROUND DATA SUMMARY FORM

State: South Dakota and Tennessee

Year: 1979

Area of Interest 1	County 2	Aircraft 9x9 CT Av. 3	Acq. Date 4	Field Inventory Av. 5	Wall to Wall UGTT 6	Special Fields UGTT 7	418 Dot OL Av. 8	UGTT PFC Registration Date 9	Periodic Observation Av. 10
South Dakota									
241	Deuel	N/A	N/A	x (B&W)	N/A	N/A	N/A	N/A	X
1485	Dewey	X	6-12-79	x 2(B&W)	X	X	X	7-22-79	X
1599	Edmonds	X	6-12-79	x (B&W)	N/A	N/A	N/A	N/A	X
1676	Brule	X	6-12-79	x 2(B&W)	X	X	X	7-3-79	X
1687	Hand	X	6-12-79	x 2(B&W)	X	X	X	9-13-79	X
1755	Jerauld	X	6-12-79	x (B&W)	X	X	X	7-3-79	X
1784	Minnehaha	X	6-12-79	x 2(B&W)	X	X	X	8-24-79	X
1960	Roberts	N/A	N/A	x (B&W)	N/A	N/A	N/A	N/A	X
1689	Sully	N/A	N/A	x 2(B&W)	N/A	N/A	N/A	N/A	X
TENNESSEE									
295	Crockett	X	4-30-79	x 2(B&W)	N/A	N/A	N/A	N/A	X

GROUND DATA SUMMARY FORM

State: Texas

Year: 1979

Area of Interest 1	County 2	Aircraft 9x9 CT Av. 3	Acq. Date 4	Field Inventory Av. 5	Wall to Wall UGTT 6	Special Fields UGTT 7	418 Dot OL Av. 8	UGTT PFC Registration Date 9	Periodic Observation Av. 10
275	Wharton #1	X	5-14-79	x 2(B&W) ~~(11 Clear)~~	X	X	N/A	9-7-79	X
276	Wharton #2	X	5-14-79	x 2(B&W)	X	X	X	6-10-79	X
277	Chambers	X	5-14-79	x 2(B&W)	X	X	N/A	9-24-79	X
279	Jefferson	X	5-14-79	x 2(B&W)	X	X	N/A	9-24-79	X
282	Falls	X	5-14-79	x 2(B&W)	X	X	X	6-29-79	X
283	Nueces	X	5-14-79	x 2(B&W)	N/A	N/A	N/A	N/A	X
284	Willacy	X	5-14-79	x 2(B&W)	|	|	|	|	X
285	Sherman	X	5-15-79	x 2(B&W)	X	X	N/A	6-15-79	X
286	Bell	X	5-14-79	x 2(B&W)	X	X	N/A	6-29-79	X
290	Donley	X	5-15-79	x 2(B&W)	X	X	N/A	6-14-79	X
292	Hildago	X	5-14-79	x 2(B&W)	X	X	N/A	9-26-79	X
329	Fort Bend	X	5-14-79	x 2(B&W)	X	X	N/A	9-7-79	X
949	Wilberger	X	5-15-79	N/A	N/A	N/A	N/A	N/A	N/A
950	Randall	X	5-15-79	N/A	N/A	N/A	N/A	N/A	N/A
1377	Lubbock	X	5-14-79	x 2(B&W)	X	X	N/A	8-7-79	X

APPENDIX

GROUND DATA SUMMARY SPECIFICATIONS

Introduction

AgRISTARS/SR and FCPF projects generate complex data requirements to support equally complex task. Presently, a tremendous amount of historical agricultural data is resident within these projects, and new data is constantly being acquired.

Before detailed requirements can be developed, often the results of previous years data acquisition are analyzed to preclude duplication and ensure continuation of coverage. The methods and materials for performing these analyses have been deficient or non-existent resulting in late or inadequately defined requirements.

Data management receives numerous requests for information about data holdings. To provide more accurate information about data, to facilitate a more efficient data handling operation, and to aid in data requirement specifications, a requirement for a data inventory and catalog was developed.

The inventory process has been divided into two implementation phases. The Phase I inventory completed during September 1980 yielded information about master copy products of high utility and priority to the projects. The larger scoped Phase II inventory will encompass those products not inventoried during Phase I as well as information about data resident in electronic data bases.

Initially, a paper cross reference/catalog would be developed containing entries across a broad scope (relative to the Phase I inventory of data). However, because of personnel conflicts, the interim cataloging system will be down-scoped as not to interfere with the higher priority development of an automated cataloging system.

The purpose of this document is to outline the format specifications for a ground data summary compilation which will be developed in lieu of an interim paper catalog.

Scope. This document contains the following sections. (1) A conceptual description of the ground data summary (GDS) and a detailed description of the entry format and forms. (2) A list of the sources of information to be used to fill the ground data summary form and (3) an outline of the procedures that will be used to implement the GDS.

1. Catalog description and format

1.1 General Description

The Ground Data Summary interim catalog shall consist of a series of documents ordered by data acquisition year.Sample segment number will be the principle geographic reference. The catalog will list by state those sample segment numbers which have had aircraft and/or ground inventory data acquired for a given data acquisition year. Indications of other ground data or associated product availability will also be part of an entry for each sample segment number. Data location, size, volume, or format will not be included as entry information except where this information is an integral part of the data "name".

The series of catalog documents will be developed in a stepped sequence by data acquisition year beginning with 1979 and stepping through 1978, 1977, 1980 and 1975 - 1976.

1.2 Format

The Ground Data Summary form (GDSF) contains the principle format for entries to the GDS catalog. (See attachment) Information for all sample segment numbers for a given state will be recorded on a GDSF. A set of these state

forms for any data acquisition year will comprise the GDS catalog for that year.

1.3 GDSF Description.

The following is a description of the data columns contained on the GDSF.

Column 1 - Area of Interest. This column will be used to indicate the number of the geographic area for which data availability information is to be supplied. This number has previously been referred to as a "sample segment number."

Column 2 - County. This column will be used to indicate the county which contains the area of interest.

Column 3 - Aircraft 9 x 9 CT AV. This column will be used to indicate the availability of an aircraft color transparency taken over the area of interest for the subject year.

Column 4 - Acq. Date. The acquisition date of the aircraft image recorded in column 3 will be written in this column.

Column 5 - Field Inventory AV. This column will be used to indicate the availability of field inventory data. The product statused in this column is an overlay or aircraft print with crop code labels for all fields within the area of interest.

Column 6 - Wall to Wall UGTT. This column will be used to indicate the availability of a Universal Ground Truth tape. This tape contains the crop code labels and is geographically registered to a Landsat segment image. The entire area of the area of interest is covered.

Column 7 - Special Fields UGTT. The availability of Universal Ground Truth tape data for "special fields" identified on the area of interest will be indicated in this column.

Column 8 - 418 Dot OL, AV. This column will indicate the availability of of a 20 x 20 inch mylar grided overlay for each area of interest. This overlay is used to determine preliminary ground truth information.

Column 9 - UGTT PFC Registration Date. The date of the PFC image used in the UGTT registration process (Column 6) is to be written in this column.

Column 10 - Periodic Observation AV. The availability of field observations data taken periodically during a crop year will be indicated in this column. This data is taken in conjunction with the field inventory data in Column 5.

2.0 Sources of Information.

The information used to build the Ground Data Summary was captured during the Phase I inventory. Four different inventory log books are to be used to compile the necessary information for each area of interest. The following is a list of the log books, location of the entry data on the log book columns, and the entry column that will be updated on the GDSF.

3.0 Entry Format.

All entries in the data columns of the GDSF will either be an "X" to indicate data availability, "NA" to indicate that products are not available or a "month-day-year"date. If questions or inconsistencies exist then a note symbol, either a letter or special symbol, will direct the user to an explanation page.

Inventory Log Book Title	Inventory Log Column	GDSF Column
1. Aircraft data inventory	1, 2, 3	1, 2, 3
2. Ground data packet inventory	1, 3, 7	1, 5, 8
3. UGTT inventory (by year)	9, 10, 4	6, 7, 9
4. Periodic observation inventory	1	10
5. Other-county name list		2