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(U.S.) Geological Survey, Reston, VA

1978

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U.S. GEOLOGICAL SURVEY

SOURCES OF PHOTOGRAPHS AND IMAGES OF BIOSPHERE RESERVES TAKEN FROM SPACECRAFT AND AIRCRAFT

11 - GLACIER NATIONAL PARK

COMPILED BY JANET BONNER

Project No. 8 - Conservation of natural areas and of the genetic material they contain

Prepared for the

Man and the Biosphere Program

by

U.S. Geological Survey

1978

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Photographs and images of biosphere reserves taken from spacecraft and aircraft provide a significant data base showing broad views and details of the landscape and are invaluable in searching for changes and trends in forest cover, water area, and other diagnostic landscape features.

Each data report in this series lists remotely sensed data gathered from spacecraft and aircraft available for a single biosphere reserve. Computer listings of data are provided by the EROS Data Center of the U.S. Geological Survey, which contains in its archives all of the listed material in photographic form and, in the case of Landsat images, can make available computer-compatible magnetic tapes of any Landsat scene.

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17c. COSATI Field/Group

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U.S. Geological Survey Sources of Photographs and Images of Biosphere Reserves from Spacecraft and Aircraft

INTRODUCTION

Maintenance of a data base on the historic, present, and future conditions of biosphere reserves is one way in which original material may be made available to all interested researchers for a given area, such as a biosphere reserve.

Photographs and images of biosphere reserves taken from spacecraft and aircraft provide a significant data base showing both broad views and details of the landscape and are invaluable in searching for changes and trends in forest cover, water area, and other diagnostic landscape features.

Each data report in this series lists remotely sensed data gathered from spacecraft and aircraft available for a single biosphere reserve. Computer listings of data are provided by the EROS Data Center of the U.S. Geological Survey (USGS), which contains in its archives all of the listed material in photographic form and, in the case of Landsat images, can make available computer-compatible magnetic tapes of any Landsat scene.

Aerial photographs that may have been taken by agencies other than the USGS and The National Aeronautics and Space Administration (NASA), such as project-oriented photographs taken by the National Park Service or Forest Service, are not included in the lists because such photographs are not available from the Geological Survey and are not included in the computer data base. Inquiries about additional photographs should be made of the agency managing each Biosphere Reserve.

As of the time of preparation of this report, there are 28 designated Biosphere Reserves in the United States. Figure 1 (Franklin, 1977) shows the location of the Reserves and the biotic provinces in which they are located. Reports similar to this one are available from each of the Reserves. Figure 1 shows 27 reserves. Since the preparation of

---

Figure 1 near here.

Franklin's article the Pawnee National Grassland (20) has been deleted as a biosphere reserve. There are three reserves which are not shown on the map in Figure 1. They are the Luquillo Experimental Forest, Puerto Rico; the Virgin Islands National Park, Virgin Islands; and Beaver Creek Watershed, Arizona.

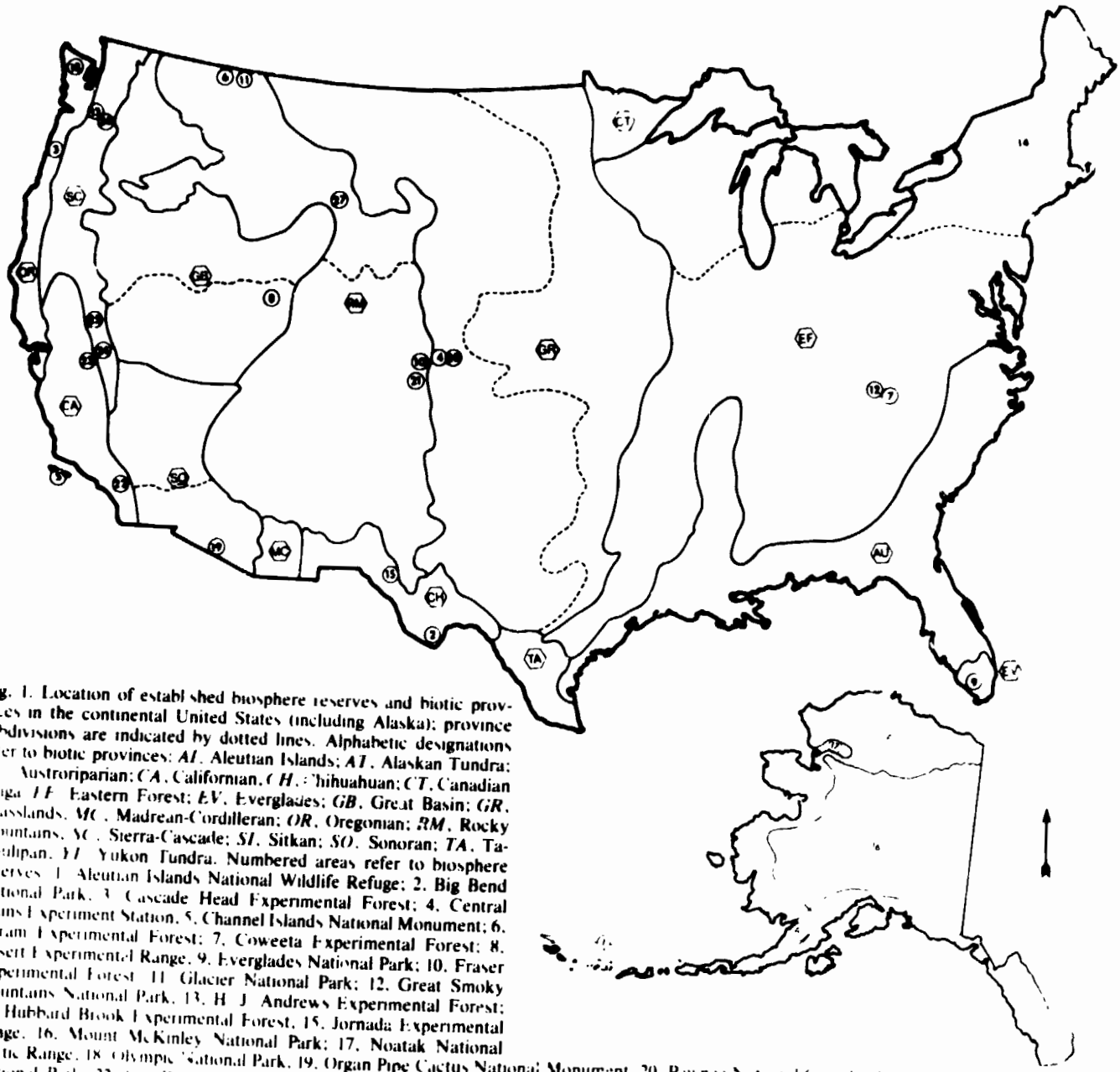

Fig. 1. Location of established biosphere reserves and biotic provinces in the continental United States (including Alaska); province subdivisions are indicated by dotted lines. Alphabetic designations refer to biotic provinces: *AI*, Aleutian Islands; *AT*, Alaskan Tundra; *AU*, Austroriparian; *CA*, Californian; *CH*, Chihuahuan; *CT*, Canadian Taiga; *EF*, Eastern Forest; *EV*, Everglades; *GB*, Great Basin; *GR*, Grasslands; *MC*, Madrean-Cordilleran; *OR*, Oregonian; *RM*, Rocky Mountains; *SC*, Sierra-Cascade; *SI*, Sitkan; *SO*, Sonoran; *TA*, Tamaulipan; *YT*, Yukon Tundra. Numbered areas refer to biosphere reserves: 1, Aleutian Islands National Wildlife Refuge; 2, Big Bend National Park; 3, Cascade Head Experimental Forest; 4, Central Plains Experiment Station; 5, Channel Islands National Monument; 6, Coram Experimental Forest; 7, Coweeta Experimental Forest; 8, Desert Experimental Range; 9, Everglades National Park; 10, Fraser Experimental Forest; 11, Glacier National Park; 12, Great Smoky Mountains National Park; 13, H. J. Andrews Experimental Forest; 14, Hubbard Brook Experimental Forest; 15, Jornada Experimental Range; 16, Mount McKinley National Park; 17, Noatak National Arctic Range; 18, Olympic National Park; 19, Organ Pipe Cactus National Monument; 20, Pawnee National Grassland; 21, Rocky Mountain National Park; 22, San Dimas Experimental Forest; 23, San Joaquin Experimental Range; 24, Sequoia-Kings Canyon National Park; 25, Stanislaus Experimental Forest; 26, Three Sisters Wilderness; 27, Yellowstone National Park.

Figure 1. -- Location of established biosphere reserves and biotic provinces in the continental United States (including Alaska)

from Franklin, J. F., "The Biosphere Reserve Program in the United States", Science, Vol. 195, page 253

GLACIER NATIONAL PARK

This report lists the available photographs and images of the Glacier National Park and adjacent areas (figure 2) available from the USGS. The list includes.

Figure 2 near here.

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1. Landsat 1 and 2 (formerly ERTS)
2. Skylab
3. NASA aircraft photography
4. USGS mapping photography

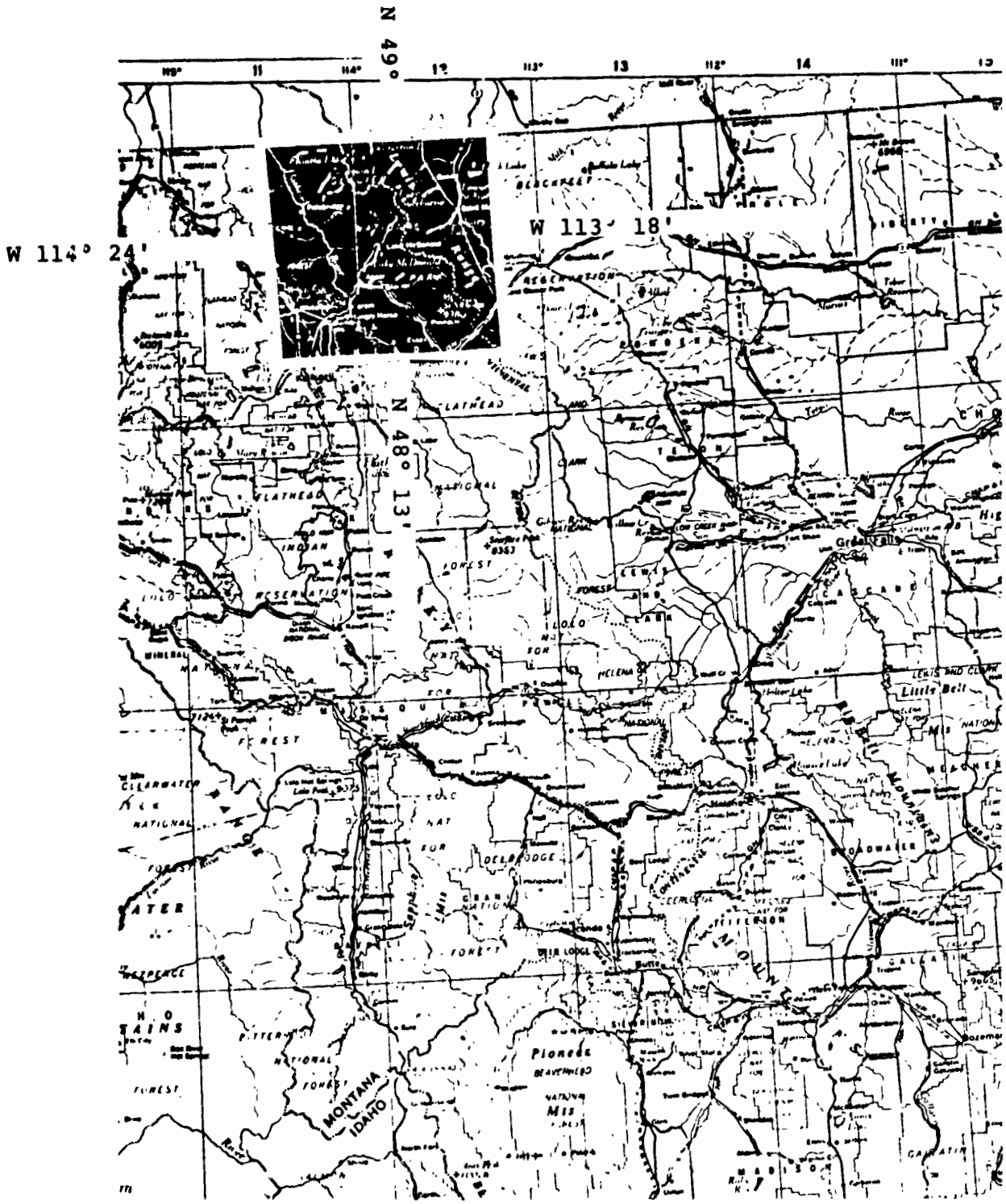

Figure 2. -- Location of Glacier National Park and adjacent areas

Computer Listing Key

This key is used to determine the characteristics of imagery listed on computer printouts. Individual photographic accessions can be evaluated and selected for ordering. Each computer listing has three parts:

1. Source Heading: Indicates origin of listing.
2. Search Summary: Indicates technical specifications of listing.
3. Body of Data: The format has two-line accessions (entries of data items). The first line contains entries identified by headings; the second line contains the corner coordinates.

Each data item is described in detail. Data type is listed at the top of each page and describes all accessions on the page.

Image type indicates whether the image is from Landsat ("ERTS" or "Landsat"), manned spacecraft ("Skylab" or "Manned-Sat-Skylab"), or from aircraft ("NASA Aircraft" or "Aerial Mapping").

1. For Landsat imagery - The satellite number and (when applicable) the sensors are indicated.
2. For Manned Spacecraft - The project, project number, and (when applicable) the sensors are indicated.
3. For Aircraft Data - The acquisition technique (i.e., "Standard," "Oblique," etc.) is indicated.

Other information

1. Identification number of the photo/scene - This 13 digit number is used to order the images. If listed, frame numbers are also required for ordering.

2. Frame numbers - Some aircraft accessions list frame numbers. If the accession represents only one frame, a single number is listed. If more than one frame is represented, two numbers are listed--a beginning frame, and an ending frame.

3. Path and Row - (Landsat Imagery only), Path and Row designations key the location of each image to the Worldwide Reference System. Path and Row cannot be used for ordering, except for the "Selected Landsat Coverage" system. However, they can be used to identify areas for geographic inquiries (Landsat only).

4. Film Source - dictates the type and sizes of products available. The products available are identified in product code tables on the order forms. Based on the Imagery Type and Film Source the proper order form and table or portion of a table must be identified. Only the products indicated are available. The codes used on the listing are: B/W - Black-and-white; COL - Color; CIR - Color-Infrared; FCC - Landsat False Color Composites.

5. Index type - is equivalent to Film Source except that it refers only to Photo Indexes.

6. Quality of the Imagery - is rated 0-9 with 9 being the best. Quality rating is subjective and based on many characteristics of the imagery and therefore does not directly indicate image usability for any given purpose.

7. Cloud Cover - indicates the percentage, in increments of 10, of the image obscured by clouds and their shadows. Classification of percent of cloud cover is subjective and is relative to the types and amount of clouds appearing on the image and not to their location.

8. Date of Image Exposure - indicates the month, day, and year that the image was taken.

9. Center Point - For single photo and multispectral data types: the latitude and longitude in degrees, minutes, and seconds for the geographic center of the image is listed. For photo series data type, the geographic center of the first frame of the series is listed.

10. Scale - For photo indexes the scale listed is that of the images from which the index is made, not that of the index itself. For all other data the scale is that of the original imagery.

11. Microfilm Location - Defines the cassette and frame number of the microfilm copy of the image. Microfilm is maintained by the NCIC facilities (see EDC booklet pp 5-7 or listing on order forms).

12. CCT - For Landsat only, this indicates the availability of Computer Compatible Tapes. An "N" indicates that a scene cannot be processed and is not available. A "Y" indicates that a scene has not yet been processed. Such scenes can be ordered from the Data Center. (Processing converts the raw video data to the Computer Compatible format and takes from 3 to 5 weeks).

13. CCP - For black-and-white Landsat only, this indicates the availability of a False Color Composite. An "N" indicates that a color composite is not available. A "Y" indicates that a color composite has been processed and can be ordered. A "P" indicates that a composite has not yet been processed. Such composites can be processed at the requester's expense (See the Landsat order form "Color Composite Generation"). The price of products desired is not included in the color composite generation charge.

14. Corner Point Coordinates - For single photo and multispectral data types, the latitude and longitude coordinates in degress, minutes, and seconds of the image corners are listed. For photo series data types, the corners of the series are listed. For photo index data types, the coordinates of the corners of the index itself, not the component imagery, are listed.

(REFER TO "DATA TYPE")

Some Aircraft imagery is available by a strip of photographic coverage which describes two or more overlapping images along a single straight flight line segment

To determine the strip coverage and the actual frame number to order, it is necessary to complete the following steps:

1. Obtain a map containing latitude/longitude coordinates of the area covered by the photo series. The map selected must provide sufficient resolution to allow plotting and interpreting photo coverage.

2. Plot the latitude/longitude point of the four CORNER POINT COORDINATES given on the computer listing, and connect by lines to form a rectangle of the total area covered by the photo series. (see figure 1)

3. Plot the FIRST FRAME CENTER COORDINATE, also given on the computer listing.

4. To determine the last frame center point, measure the distance from the edge of photo series to the first frame center point (distance A, figure 1), and plot an equal distance from the opposite end of the photo strip.

5. Using a ruler (or divider), determine all intermediate center points. Note that this distance will be less than the distance (A) due to forward overlap.

6. Number the center points, beginning with the FIRST FRAME number given on the computer listing. The last center point number should agree with the LAST FRAME number on the listing.

7. Make a square paper template to indicate individual photo coverage. The square should have sides equal to rectangle height (two times distance A).

8. Center the template over individual center points to determine the actual area covered by each photograph.

9. Select the frame numbers you wish to order, and complete the order form in accordance with instructions on the reverse side.

Plotting Photo Series Coverage
60% overlap
First Frame=37 Last Frame=48

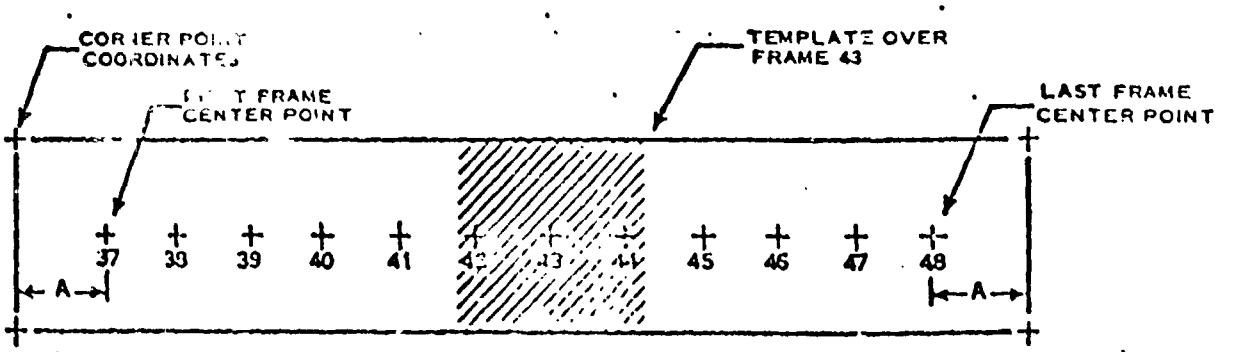

Figure 4.--How to identify individual frames within a photo series

PHOTOGRAPHS AND MULTISPECTRAL IMAGERY TAKEN FROM AIRCRAFT AND SPACECRAFT

Landsat Data

The first Earth Resources Technology Satellite, ERTS 1 (later renamed Landsat 1) was launched July 23, 1972. Landsat 2 was launched on January 22, 1975. Each Landsat orbits 570 miles (920 km) above the Earth's surface and circles the Earth every 103 minutes. Each Landsat covers the entire globe, except for the poles, every 18 days. A unique feature of each satellite, because of the orbit, is that it views the Earth at the same local time, approximately 9:30 am at the Equator, on each pass.

The Landsat satellites have two imagery sensors, the RBV (return beam vidicon) and the MSS (multispectral scanner). The MSS is the primary sensor system and acquires images of 115 miles (185 km) per side in four spectral bands in the visible and near infrared portions of the electromagnetic spectrum. These four bands are:

Band 4, the green band, 0.5 to 0.6 micrometers, emphasizes movement of sediment-laden water and delineates areas of shallow water, such as shoals, reefs, etc;

Band 5, the red band, 0.6 to 0.7 micrometers, emphasizes cultural features, such as metropolitan areas;

Band 6, the near-infrared band, 0.7 to 0.8 micrometers, emphasizes vegetation, the boundaries between land and water, and landforms; and

Band 7, the second near-infrared band, 0.8 to 1.1 micrometers, provides the best penetration of atmospheric haze and also emphasizes vegetation, the boundaries between land and water, and landforms.

An analysis of the four individual black-and-white images or the false-color composite images permits users to identify and inventory different environmental phenomena, such as distribution and general type of vegetation, regional geologic structures, and areal extent of surface water. The repetitive (9 or 18 days) and seasonal coverage provided by Landsat imagery is an important tool for the interpretation of dynamic phenomena.

Landsat data in digital form are available as Computer Compatible Tapes (CCT). The tapes are standard 1/2-inch wide (12.7mm) magnetic tapes and may be requested in either seven- or nine-track format at 800 or 1,600 bpi. The number of CCT's required (one to four) for the digital data corresponding to one Landsat scene is dependent on the format requested. The data for the four MSS bands are interleaved among the tape(s), therefore all tapes are necessary to complete a set.

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TIME 08:27
PAGE 1

CONTACT NUMBER 0804531002 TERMINAL T83A32
OWNER/LAS

631 ACCESSIONS RECTANGLE RETRIEVAL

LATITUDE RANGE		LONGITUDE RANGE		AGENCY	QUALITY	CLOUD-COVER	RECORDING-TECH
N493113N	N498	W113318W	W114024W	GS	1	90%	VERTICAL

DATA TYPE LANDSAT

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PATH= 43 ROW= 26 LANDSAT											
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CORNER POINT COORDINATES=#1:N49D13M43S W110D29M31S,#2:N49D36M36S W112D56M33S,#3:N48D05M04S W113D36M25S,#4:N47D43M00S W111D13M33S											
LANDSAT-1 (MSS)	3592216200503	B&W-02.1"	M558*	10%		10/27/77	N48D51M00S W112D56M00S	1:3,369,000	8110064183	P	N
CORNER POINT COORDINATES=#1:N49D25M24S W110D32M37S,#2:N49D46M41S W112D59M40S,#3:N48D15M24S W113D37M18S,#4:N47D54M54S W111D14M24S											
LANDSAT-1 (MSS)	8586816255500	B&W-02.1"	M885*	60%		09/03/77	N48D53M00S W112D06M00S	1:3,369,000	8110062039B	P	N
CORNER POINT COORDINATES=#1:N49D27M00S W110D32M53S,#2:N49D48M29S W112D59M04S,#3:N48D17M49S W113D37M04S,#4:N47D57M06S W111D14M59S											
LANDSAT-1 (MSS)	5585316274500	B&W-02.1"	M888*	10%		08/16/77	N48D53M00S W112D07M00S	1:3,369,000	8110061071J	P	N
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LANDSAT-1 (MSS)	8583216294500	B&W-02.1"	MM88*	30%		07/29/77	N48D53M00S W112D09M00S	1:3,369,000	8110061021O	P	N
CORNER POINT COORDINATES=#1:N49D27M23S W110D35M00S,#2:N49D49M00S W113D02M41S,#3:N48D17M24S W113D40M53S,#4:N47D56M36S W111D17M23S											
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LANDSAT-2 (MSS)	9278717234500	B&W-02.1"	5888*	80%		03/19/77	N48D42M00S W112D01M00S	1:3,369,000	8210028116S	P	N
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LANDSAT-2 (MSS)	8276917243503	B&W-02.1"	8888*	60%		03/01/77	N48D42M00S W112D03M00S	1:3,369,000	8210028034S	P	N
CORNER POINT COORDINATES=#1:N49D15M52S W110D28M50S,#2:N49D38M23S W112D55M46S,#3:N48D06M55S W113D35M07S,#4:N47D45M13S W111D12M17S											
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REPORT NO. IL001-1
DATE 09/01/78
TIME 08:27
PAGE 2

CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	BIPZ CCT
PATH= 41 ROW= 26 LANDSAT											
LANDSAT-1 (MSS)	355111658550	B&W-02.1"	8888*	90%		09/11/76	N48D52M00S W112D04M00S	1:3,369,000	B1100530418	P	N
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LANDSAT-1 (MSS)	354931709250	B&W-02.1"	8888*	10%		08/24/76	N48D51M00S W112D04M00S	1:3,369,000	B1100520736	P	N
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LANDSAT-1 (MSS)	354031707350	B&W-02.1"	8888*	10%		05/26/76	N48D46M00S W112D11M00S	1:3,369,000	B1100500067	P	N
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LANDSAT-1 (MSS)	353851709450	B&W-02.1"	8888*	00%		05/08/76	N48D49M00S W112D08M00S	1:3,369,000	B1100490445	P	N
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LANDSAT-1 (MSS)	350251731150	B&W-02.1"	8888*	10%		05/14/75	N48D46M00S W112D04M00S	1:3,369,000	B1100380424	P	N
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LANDSAT-1 (MSS)	317551742050	B&W-02.1"	8888*	10%		08/17/74	N48D40M00S W112D00M00S	1:3,369,000	B1100280002	P	N
CORNER POINT COORDINATES=#1:N49D14M13S W110D26M37S,#2:N49D36M14S W112D53M33S,#3:N48D04M36S W113D31M19S,#4:N47D43M20S W111D04M33S											
LANDSAT-1 (MSS)	317191743250	B&W-02.1"	8888*	10%		07/12/74	N48D51M00S W112D01M00S	1:3,369,000	B1100270789	7	N
CORNER POINT COORDINATES=#1:N49D25M02S W110D28M18S,#2:N49D46M22S W112D56M09S,#3:N48D15M48S W113D31M40S,#4:N47D55M13S W111D09M53S											
LANDSAT-1 (MSS)	316471743350	B&W-02.1"	5022*	90%		05/01/74	N48D47M33S W112D00M23S	1:3,369,000	B1100240869	P	N
CORNER POINT COORDINATES=#1:N49D21M13S W110D26M04S,#2:N49D43M24S W112D53M41S,#3:N48D11M40S W113D32M36S,#4:N47D50M18S W111D09M09S											
LANDSAT-1 (MSS)	313771751050	B&W-02.1"	2888*	60%		08/04/73	N48D47M09S W112D02M41S	1:3,369,000	B1100131048	1	N
CORNER POINT COORDINATES=#1:N49D21M25S W110D28M27S,#2:N49D43M28S W112D56M08S,#3:N48D11M39S W113D34M49S,#4:N47D50M26S W111D11M10S											
LANDSAT-1 (MSS)	313591751250	B&W-02.1"	8888*	60%		07/17/73	N48D46M59S W112D01M51S	1:3,369,000	B1100130267	3	N
CORNER POINT COORDINATES=#1:N49D21M01S W110D27M48S,#2:N49D43M10S W112D54M55S,#3:N48D11M44S W113D33M51S,#4:N47D50M22S W111D10M51S											
LANDSAT-1 (MSS)	313411751350	B&W-02.1"	8888*	30%		06/29/73	N48D50M29S W112D03M11S	1:3,369,000	B1100121028	4	N
CORNER POINT COORDINATES=#1:N49D24M26S W110D29M52S,#2:N49D46M10S W112D56M08S,#3:N48D15M21S W113D34M28S,#4:N47D54M24S W111D12M18S											
LANDSAT-1 (MSS)	313231751450	B&W-02.1"	8888*	10%		06/11/73	N48D56M20S W112D00M35S	1:3,369,000	B1100111396	7	N
CORNER POINT COORDINATES=#1:N49D30M01S W110D27M20S,#2:N49D51M52S W112D53M16S,#3:N48D21M27S W113D31M46S,#4:N48D00M23S W111D09M55S											
LANDSAT-1 (MSS)	313051751550	B&W-02.1"	8888*	40%		05/24/73	N48D57M02S W112D00M54S	1:3,369,000	B1100110529	4	N
CORNER POINT COORDINATES=#1:N49D30M40S W110D27M37S,#2:N49D52M35S W112D53M31S,#3:N48D22M13S W113D32M08S,#4:N48D01M05S W111D10M19S											
PATH= 43 ROW= 27 LANDSAT											
LANDSAT-2 (MSS)	360731713050	B&W-02.1"	8888*	00%		01/01/78	N47D22M00S W112D25M00S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N47D55M36S W110D53M06S,#2:N48D18M24S W113D15M43S,#3:N46D47M14S W113D55M00S,#4:N46D25M14S W111D36M05S											
LANDSAT-2 (MSS)	360571713150	B&W-02.1"	8888*	70%		12/14/77	N47D20M00S W112D28M00S	1:3,369,000	B2100370834	P	N
CORNER POINT COORDINATES=#1:N47D53M49S W110D55M51S,#2:N48D16M36S W113D19M07S,#3:N46D45M01S W113D58M14S,#4:N46D23M01S W111D38M48S											

CONTACT NUMBER 0004531002 TERMINAL T03A32
BONNER/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	BIP2 CCT
PATH= 43 ROW= 27 LANDSAT											
LANDSAT-1 (MSS)	9594316183500	B&W-02.1"	N555*	80%		11/14/77	N47D22M00S W112D43M00S	1:3,369,000	B1100650065	P	N
CORNER POINT COORDINATES=#1:N47D56M53S W111D12M02S,#2:N48D17M43S W113D35M34S,#3:N46D45M59S W114D12M01S,#4:N46D25M53S W111D52M22S											
LANDSAT-2 (MSS)	9602117114500	B&W-02.1"	8888*	40%		11/08/77	N47D21M00S W112D33M00S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N47D54M43S W111D01M40S,#2:N48D17M02S W113D26M02S,#3:N46D46M03S W114D02M26S,#4:N46D24M55S W111D43M51S											
LANDSAT-1 (MSS)	8592216232500	B&W-02.1"	N858*	10%		10/27/77	N47D26M00S W112D43M00S	1:3,369,000	B1100640186	P	N
CORNER POINT COORDINATES=#1:N48D00M52S W111D12M26S,#2:N48D21M23S W113D35M36S,#3:N46D50M01S W114D11M37S,#4:N46D30M12S W111D52M20S											
LANDSAT-2 (MSS)	9603117124500	B&W-02.1"	5888*	10%		10/21/77	N47D24M00S W112D30M00S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N47D57M27S W110D59M18S,#2:N48D19M37S W113D20M34S,#3:N46D49M25S W113D58M50S,#4:N46D28M00S W111D41M18S											
LANDSAT-2 (MSS)	9298517134500	B&W-02.1"	8888*	70%		10/03/77	N47D31M00S W112D27M00S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N48D04M22S W110D56M26S,#2:N48D26M25S W113D17M32S,#3:N46D56M31S W113D35M43S,#4:N46D35M12S W111D38M20S											
LANDSAT-2 (MSS)	9296717164500	B&W-02.1"	8888*	90%		09/15/77	N47D32M00S W112D26M00S	1:3,369,000	B2100341123	P	N
CORNER POINT COORDINATES=#1:N48D05M23S W110D55M00S,#2:N48D27M40S W113D16M37S,#3:N46D57M28S W113D55M08S,#4:N46D35M57S W111D37M15S											
LANDSAT-1 (MSS)	8586316261500	B&W-02.1"	N888*	70%		09/03/77	N47D28M00S W112D42M00S	1:3,369,000	B1100520399	P	N
CORNER POINT COORDINATES=#1:N48D02M28S W111D11M45S,#2:N48D23M18S W113D34M02S,#3:N46D52M25S W114D10M20S,#4:N46D32M25S W111D51M51S											
LANDSAT-2 (MSS)	9294917154500	B&W-02.1"	8888*	60%		08/28/77	N47D26M00S W112D31M00S	1:3,369,000	B2100340378	P	N
CORNER POINT COORDINATES=#1:N47D59M52S W110D59M33S,#2:N48D22M02S W113D22M16S,#3:N46D50M59S W114D10M33S,#4:N46D29M35S W111D41M40S											
LANDSAT-1 (MSS)	8585316231500	B&W-02.1"	N888*	10%		08/16/77	N47D28M00S W112D43M00S	1:3,369,000	B1100610723	P	N
CORNER POINT COORDINATES=#1:N48D02M34S W111D12M12S,#2:N48D23M31S W113D35M12S,#3:N46D52M13S W114D11M52S,#4:N46D32M05S W111D52M42S											
LANDSAT-2 (MSS)	9293117164500	B&W-02.1"	5888*	10%		08/10/77	N47D20M00S W112D30M00S	1:3,369,000	B2100331048	P	N
CORNER POINT COORDINATES=#1:N47D53M49S W110D57M31S,#2:N48D16M36S W113D21M07S,#3:N46D45M01S W114D10M14S,#4:N46D23M01S W111D40M40S											
LANDSAT-1 (MSS)	8583216350500	B&W-02.1"	N888*	30%		07/29/77	N47D27M00S W112D44M00S	1:3,369,000	B1100510199	P	N
CORNER POINT COORDINATES=#1:N48D01M44S W111D12M49S,#2:N48D22M45S W113D36M26S,#3:N46D51M08S W114D13M13S,#4:N46D30M50S W111D53M29S											
LANDSAT-2 (MSS)	9291317174500	B&W-02.1"	8888*	50%		07/23/77	N47D18M00S W112D32M00S	1:3,369,000	B2100330451	P	N
CORNER POINT COORDINATES=#1:N47D51M58S W110D59M54S,#2:N48D14M34S W113D23M17S,#3:N46D42M52S W114D12M11S,#4:N46D21M02S W111D42M37S											
LANDSAT-1 (MSS)	8581416320500	B&W-02.1"	N888*	20%		07/11/77	N47D21M00S W112D48M00S	1:3,369,000	B1100600663	P	N
CORNER POINT COORDINATES=#1:N47D55M46S W111D16M54S,#2:N48D16M48S W113D40M23S,#3:N46D45M06S W114D17M09S,#4:N46D24M47S W111D57M32S											
LANDSAT-2 (MSS)	9289517134500	B&W-02.1"	8888*	20%		07/05/77	N47D19M00S W112D30M00S	1:3,369,000	B2100320585	P	N
CORNER POINT COORDINATES=#1:N47D52M33S W110D58M17S,#2:N48D15M21S W113D20M44S,#3:N46D44M16S W113D59M50S,#4:N46D22M16S W111D41M09S											
LANDSAT-1 (MSS)	8579616335500	B&W-02.1"	N888*	10%		06/23/77	N47D21M00S W112D49M00S	1:3,369,000	B1100600100	P	N
CORNER POINT COORDINATES=#1:N47D55M39S W111D18M14S,#2:N48D16M37S W113D41M13S,#3:N46D45M13S W114D17M50S,#4:N46D24M58S W111D58M42S											
LANDSAT-2 (MSS)	8287717193500	B&W-02.1"	8888*	10%		06/17/77	N47D24M00S W112D29M00S	1:3,369,000	B2100311565	P	N
CORNER POINT COORDINATES=#1:N47D57M21S W110D57M59S,#2:N48D19M50S W113D19M29S,#3:N46D49M28S W113D58M09S,#4:N46D27M48S W111D40M22S											

CONTACT NUMBER 0006531002 TERMINAL T83A32
BONNER/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	BIP2 CCT
PATH= 43 ROW= 27 LANDSAT											
LANDSAT-1 (MSS)	3577916354500	B&W-02.1"	8888*	00%		06/05/77	N47D24M00S W112D47M00S	1:3,369,000	8110059038	P	N
CORNER POINT COORDINATES=#1:N47D58M23S W111D16M31S,#2:N48D19M24S W113D38M47S,#3:N46D44M33S W114D15M34S,#4:N46D28M12S W111D57M07S											
LANDSAT-2 (MSS)	5285917202500	B&W-02.1"	8888*	10%		05/30/77	N47D29M00S W112D27M00S	1:3,369,000	8210031060	P	N
CORNER POINT COORDINATES=#1:N48D02M13S W110D56M22S,#2:N48D24M30S W113D17M20S,#3:N46D54M38S W113D55M47S,#4:N46D38M00S W111D38M31S											
LANDSAT-2 (MSS)	5284117212500	B&W-02.1"	8888*	20%		05/12/77	N47D30M00S W112D28M00S	1:3,369,000	8210030070	P	N
CORNER POINT COORDINATES=#1:N48D03M19S W110D57M12S,#2:N48D25M35S W113D18M28S,#3:N46D55M33S W113D56M56S,#4:N46D34M03S W111D39M24S											
LANDSAT-2 (MSS)	8287 17222500	B&W-02.1"	8888*	00%		04/24/77	N47D26M00S W112D31M00S	1:3,369,000	8210029145	P	N
CORNER POINT COORDINATES=#1:N47D59M37S W110D59M39S,#2:N48D21M58S W113D21M51S,#3:N46D51M14S W114D30M28S,#4:N46D29M39S W111D42M02S											
LANDSAT-1 (MSS)	8572416430500	B&W-02.1"	8888*	10%		04/12/77	N47D29M00S W112D44M00S	1:3,369,000	8110057010	P	N
CORNER POINT COORDINATES=#1:N46D03M36S W111D13M23S,#2:N48D24M23S W113D36M15S,#3:N46D53M16S W114D12M41S,#4:N46D33M13S W111D53M39S											
LANDSAT-2 (MSS)	8278917261500	B&W-02.1"	8888*	90%		03/19/77	N47D17M00S W112D37M00S	1:3,369,000	8210028146	P	N
CORNER POINT COORDINATES=#1:N47D51M13S W111D05M02S,#2:N48D13M29S W113D28M32S,#3:N46D41M46S W114D07M02S,#4:N46D20M07S W111D47M23S											
LANDSAT-2 (MSS)	8276917250500	B&W-02.1"	8888*	70%		03/01/77	N47D18M00S W112D40M00S	1:3,369,000	8210028034	P	N
CORNER POINT COORDINATES=#1:N47D52M16S W111D08M55S,#2:N48D14M08S W113D31M41S,#3:N46D42M35S W114D09M30S,#4:N46D21M28S W111D50M14S											
LANDSAT-2 (MSS)	8275817254500	B&W-02.1"	8888*	40%		02/11/77	N47D23M00S W112D35M00S	1:3,369,000	8210027047	P	N
CORNER POINT COORDINATES=#1:N47D56M16S W111D04M01S,#2:N48D18M47S W113D26M03S,#3:N46D48M06S W114D34M06S,#4:N46D26M50S W111D45M53S											
LANDSAT-2 (MSS)	8273317262500	B&W-02.1"	8888*	50%		01/24/77	N47D28M00S W112D27M00S	1:3,369,000	8210026083	P	N
CORNER POINT COORDINATES=#1:N48D01M37S W110D56M10S,#2:N48D23M39S W113D17M09S,#3:N46D53M45S W113D55M58S,#4:N46D31M59S W111D38M42S											
LANDSAT-2 (MSS)	8269717275500	B&W-02.1"	8888*	10%		12/19/76	N47D27M00S W112D28M00S	1:3,369,000	8210025139	P	N
CORNER POINT COORDINATES=#1:N48D03M31S W110D56M50S,#2:N48D22M51S W113D18M44S,#3:N46D52M20S W113D57M17S,#4:N46D30M16S W111D39M03S											
LANDSAT-2 (MSS)	8267917233500	B&W-02.1"	8888*	10%		12/01/76	N47D20M00S W112D31M00S	1:3,369,000	8210025081	P	N
CORNER POINT COORDINATES=#1:N47D53M47S W110D59M14S,#2:N48D16M20S W113D22M02S,#3:N46D45M04S W114D00M52S,#4:N46D23M17S W111D41M52S											
LANDSAT-2 (MSS)	8266117292500	B&W-02.1"	8888*	00%		11/13/76	N47D17M00S W112D31M00S	1:3,369,000	8210025025	P	N
CORNER POINT COORDINATES=#1:N47D50M47S W110D58M44S,#2:N48D[illegible]S W113D22M01S,#3:N46D42M03S W114D31M21S,#4:N46D19M54S W111D41M53S											
LANDSAT-1 (MSS)	3554716562500	B&W-02.1"	8858*	90%		10/17/76	N47D21M00S W112D42M00S	1:3,369,000	8110054042	P	N
CORNER POINT COORDINATES=#1:N47D55M44S W111D10M50S,#2:N48D16M52S W113D34M21S,#3:N46D45M08S W114D11M13S,#4:N46D24M44S W111D51M34S											
LANDSAT-2 (MSS)	8262517334500	B&W-02.1"	8888*	00%		10/08/76	N47D19M00S W112D35M00S	1:3,369,000	8210023057	P	N
CORNER POINT COORDINATES=#1:N47D52M52S W111D03M54S,#2:N48D14M55S W113D26M09S,#3:N46D43M59S W114D04M12S,#4:N46D22M42S W111D45M48S											
LANDSAT-1 (MSS)	8552916575500	B&W-02.1"	8888*	00%		09/29/76	N47D24M00S W112D43M00S	1:3,369,000	8110054008	P	N
CORNER POINT COORDINATES=#1:N47D58M46S W111D12M26S,#2:N48D19M26S W113D35M20S,#3:N46D48M06S W114D11M38S,#4:N46D28M10S W111D52M30S											
LANDSAT-2 (MSS)	8260717311500	B&W-02.1"	8888*	00%		09/20/76	N47D22M00S W112D29M00S	1:3,369,000	8210022124	P	Y
CORNER POINT COORDINATES=#1:N47D55M13S W110D58M17S,#2:N48D17M40S W113D19M13S,#3:N46D47M34S W113D57M51S,#4:N46D25M57S W111D40M33S											

EROS DATA CENTER
SIOUX FALLS, SOUTH DAKOTA 57198
PHONE 605-594-6511 FEDERAL TELECOMMUNICATIONS SYSTEM PHONES USE 784-7151

REPORT NO. DL001-1
DATE 09/01/78
TIME 08:28
PAGE 5

CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/LAS

DATA TYPE LANDSAT

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IMAGERY-TYPE          SCENE ID          FILM-SOURCE QUALITY CLOUD EXPO DATE   SCENE-CENTER-POINT    SCENE-SCALE   MICROFORM  COL BIPZ CCT

PATH= 43  ROW= 27  LANDSAT
 LANDSAT-1 (MSS)      855111659250J     B&W-02.1"    8888*   90%  09/11/76  N47D27M00S W112D41M00S  1:3,369,000  81100530419  P   N
  CORNER POINT COORDINATES=#1:N48D01M26S W111D10M49S,#2:N48D22M10S W113D32M56S,#3:N46D51M29S W114D39M16S,#4:N46D31M26S W111D50M58S

 LANDSAT-2 (MSS)      825891731450J     B&W-02.1"    5888*   20%  09/02/76  N47D31M00S W112D26M00S  1:3,369,000  82100220389  P   N
  CORNER POINT COORDINATES=#1:N48D04M18S W110D55M20S,#2:N48D26M20S W113D16M26S,#3:N46D56M35S W113D54M48S,#4:N46D35M10S W111D37M26S

 LANDSAT-1 (MSS)      854931703550J     B&W-02.1"    8888*   10%  08/24/76  N47D26M00S W112D33M00S  1:3,369,000  81100520737  P   N
  CORNER POINT COORDINATES=#1:N48D00M16S W111D03M04S,#2:N48D21M03S W113D24M43S,#3:N46D50M37S W114D31M03S,#4:N46D30M34S W111D43M10S

 LANDSAT-2 (MSS)      825711732150J     B&W-02.1"    8888*   90%  08/15/76  N47D30M00S W112D26M00S  1:3,369,000  82100211023  P   N
  CORNER POINT COORDINATES=#1:N48D03M29S W110D55M00S,#2:N48D25M42S W113D16M43S,#3:N46D55M23S W113D55M07S,#4:N46D33M55S W111D37M10S

 LANDSAT-2 (MSS)      825531732450J     B&W-02.1"    8888*   00%  07/28/76  N47D23M00S W112D26M00S  1:3,369,000  82100210276  Y   Y
  CORNER POINT COORDINATES=#1:N47D54M39S W110D54M19S,#2:N48D19M14S W113D16M51S,#3:N46D48M13S W113D55M48S,#4:N46D26M23S W111D37M02S

 LANDSAT-2 (MSS)      825331733250J     B&W-02.1"    8888*   40%  07/10/76  N47D17M00S W112D32M00S  1:3,369,000  82100200616  P   N
  CORNER POINT COORDINATES=#1:N47D51M09S W110D00M07S,#2:N48D13M26S W113D23M31S,#3:N46D41M41S W114D01M57S,#4:N46D20M10S W111D42M26S

 LANDSAT-2 (MSS)      824931734150J     B&W-02.1"    8888*   60%  06/04/76  N47D20M00S W112D29M00S  1:3,369,000  82100190579  P   N
  CORNER POINT COORDINATES=#1:N47D53M52S W110D57M33S,#2:N48D16M09S W113D20M08S,#3:N46D44M59S W113D58M33S,#4:N46D23M28S W111D39M46S

 LANDSAT-1 (MSS)      854031708050J     B&W-02.1"    8888*   10%  05/26/76  N47D21M00S W112D47M00S  1:3,369,000  81100500068  P   N
  CORNER POINT COORDINATES=#1:N47D55M43S W111D16M17S,#2:N48D16M33S W113D39M21S,#3:N46D45M07S W114D13M47S,#4:N46D25M01S W111D56M34S

 LANDSAT-2 (MSS)      824811734450J     B&W-02.1"    5858*   20%  05/17/76  N47D23M00S W112D26M00S  1:3,369,000  82100181185  P   N
  CORNER POINT COORDINATES=#1:N47D56M33S W110D55M12S,#2:N48D18M42S W113D16M33S,#3:N46D48M22S W113D54M56S,#4:N46D26M55S W111D37M14S

 LANDSAT-1 (MSS)      853851709150J     B&W-02.1"    8888*   00%  05/08/76  N47D24M00S W112D44M00S  1:3,369,000  81100490446  P   N
  CORNER POINT COORDINATES=#1:N47D58M32S W111D13M49S,#2:N48D19M12S W113D51M06S,#3:N46D48M21S W114D12M16S,#4:N46D28M24S W111D53M50S

 LANDSAT-2 (MSS)      824611735150J     B&W-02.1"    8888*   30%  04/29/76  N47D31M00S W112D22M00S  1:3,369,000  82100180326  P   N
  CORNER POINT COORDINATES=#1:N48D04M16S W110D51M19S,#2:N48D26M29S W113D12M24S,#3:N46D56M37S W113D50M49S,#4:N46D35M08S W111D33M28S

 LANDSAT-2 (MSS)      824611733450J     B&W-02.1"    8888*   10%  04/11/76  N47D32M00S W112D23M00S  1:3,369,000  82100171051  P   N
  CORNER POINT COORDINATES=#1:N48D05M23S W110D52M08S,#2:N48D27M55S W113D13M33S,#3:N46D57M27S W113D52M00S,#4:N46D36M02S W111D34M14S

 LANDSAT-2 (MSS)      824271736150J     B&W-02.1"    5888*   90%  03/24/76  N47D24M00S W112D28M00S  1:3,369,000  82100170451  P   N
  CORNER POINT COORDINATES=#1:N47D57M45S W110D56M42S,#2:N48D19M59S W113D19M01S,#3:N46D49M07S W113D57M24S,#4:N46D27M38S W111D58M52S

 LANDSAT-1 (MSS)      853311712550J     B&W-02.1"    8888*   00%  03/15/76  N47D31M00S W112D33M00S  1:3,369,000  81100480015  P   N
  CORNER POINT COORDINATES=#1:N48D03M13S W111D01M55S,#2:N48D26M41S W113D24M43S,#3:N46D55M42S W114D02M10S,#4:N46D34M55S W111D43M12S

 LANDSAT-1 (MSS)      852771716250J     B&W-02.1"    8888*   00%  01/22/76  N47D23M00S W112D31M00S  1:3,369,000  81100460052  P   N
  CORNER POINT COORDINATES=#1:N47D57M13S W110D59M36S,#2:N48D19M01S W113D22M40S,#3:N46D47M38S W114D00M29S,#4:N46D26M35S W111D41M14S

 LANDSAT-1 (MSS)      851511726150J     B&W-02.1"    5852*   90%  09/17/75  N47D21M00S W112D32M00S  1:3,369,000  81100420064  P   N
  CORNER POINT COORDINATES=#1:N47D55M22S W111D00M36S,#2:N48D17M03S W113D23M52S,#3:N46D45M28S W114D01M20S,#4:N46D24M33S W111D42M03S
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DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	BIP2 CCT
PATH= 43 ROW= 27 LANDSAT											
LANDSAT-1 (MSS)	851331725250	B&W-02.1"	3588*	30%		08/30/75	N47D23M00S W112D32M00S	1:3,369,000	81100410312	P	N
CORNER POINT COORDINATES=#1:N47D57M10S W111D01M04S,#2:N48D18M43S W113D23M35S,#3:N46D47M42S W114D01M01S,#4:N46D26M53S W111D42M21S											
LANDSAT-1 (MSS)	851131726250	B&W-02.1"	5558*	30%		08/12/75	N47D28M00S W112D30M00S	1:3,369,000	81100400516	P	N
CORNER POINT COORDINATES=#1:N48D31M53S W110D59M25S,#2:N48D23M25S W113D21M13S,#3:N46D52M59S W113D58M41S,#4:N46D32M11S W111D40M40S											
LANDSAT-1 (MSS)	850971727250	B&W-02.1"	3855*	40%		07/25/75	N47D31M00S W112D30M00S	1:3,369,000	81100400283	P	N
CORNER POINT COORDINATES=#1:N48D34M47S W110D59M29S,#2:N48D26M21S W113D21M09S,#3:N46D56M05S W113D58M37S,#4:N46D35M10S W111D40M44S											
LANDSAT-2 (MSS)	821731731500	B&W-02.1"	8885*	60%		07/16/75	N47D32M00S W112D22M00S	1:3,369,000	82103080453	P	N
CORNER POINT COORDINATES=#1:N48D35M18S W110D50M44S,#2:N48D27M51S W113D21M34S,#3:N46D57M33S W113D51M23S,#4:N46D35M47S W111D33M22S											
LANDSAT-1 (MSS)	850791729350	B&W-02.1"	8085*	80%		07/07/75	N47D29M00S W112D35M00S	1:3,369,000	81100390449	P	N
CORNER POINT COORDINATES=#1:N48D33M13S W111D04M25S,#2:N48D24M23S W113D26M39S,#3:N46D53M42S W114D03M41S,#4:N46D33M13S W111D45M15S											
LANDSAT-1 (MSS)	850431733350	B&W-02.1"	8888*	00%		06/01/75	N47D18M00S W112D43M00S	1:3,369,000	81100380009	P	N
CORNER POINT COORDINATES=#1:N47D52M40S W111D11M44S,#2:N48D13M58S W113D35M13S,#3:N46D42M11S W114D12M20S,#4:N46D21M37S W111D52M42S											
LANDSAT-1 (MSS)	850231731350	B&W-02.1"	8888*	20%		05/14/75	N47D22M00S W112D40M00S	1:3,369,000	81100380425	P	N
CORNER POINT COORDINATES=#1:N47D56M31S W111D08M41S,#2:N48D18M06S W113D32M14S,#3:N46D44M20S W114D09M22S,#4:N46D25M29S W111D49M42S											
LANDSAT-1 (MSS)	819711734150	B&W-02.1"	8858*	20%		03/21/75	N47D31M00S W112D36M00S	1:3,369,000	81100360175	P	N
CORNER POINT COORDINATES=#1:N48D06M23S W111D04M55S,#2:N48D26M29S W113D26M18S,#3:N46D56M29S W114D05M22S,#4:N46D35M08S W111D47M15S											
LANDSAT-1 (MSS)	819531735050	B&W-02.1"	2025*	90%		03/03/75	N47D28M00S W112D33M00S	1:3,369,000	81100350585	P	N
CORNER POINT COORDINATES=#1:N48D03M16S W111D01M43S,#2:N48D23M48S W113D23M16S,#3:N46D53M35S W114D02M25S,#4:N46D31M50S W111D44M35S											
LANDSAT-1 (MSS)	819331735500	B&W-02.1"	8888*	60%		02/13/75	N47D27M00S W112D35M00S	1:3,369,000	81100340364	P	N
CORNER POINT COORDINATES=#1:N48D00M39S W111D03M08S,#2:N48D23M01S W113D25M37S,#3:N46D52M15S W114D04M58S,#4:N46D30M36S W111D46M19S											
LANDSAT-1 (MSS)	818991737250	B&W-02.1"	8885*	50%		01/08/75	N47D18M00S W112D36M00S	1:3,369,000	81100330803	P	N
CORNER POINT COORDINATES=#1:N47D51M57S W111D03M41S,#2:N48D14M18S W113D26M53S,#3:N46D42M53S W114D06M23S,#4:N46D21M18S W111D47M00S											
LANDSAT-1 (MSS)	818811739150	B&W-02.1"	5828*	70%		12/21/74	N47D22M00S W112D35M00S	1:3,369,000	81100330210	P	N
CORNER POINT COORDINATES=#1:N47D55M48S W111D02M55S,#2:N48D18M06S W113D25M45S,#3:N46D47M01S W114D09M05S,#4:N46D25M31S W111D48M00S											
LANDSAT-1 (MSS)	818631733550	B&W-02.1"	3558*	90%		12/03/74	N47D23M00S W112D31M00S	1:3,369,000	81100320755	P	N
CORNER POINT COORDINATES=#1:N47D56M21S W110D59M36S,#2:N48D18M58S W113D21M20S,#3:N46D48M30S W114D00M32S,#4:N46D26M39S W111D42M32S											
LANDSAT-1 (MSS)	816271732250	B&W-02.1"	8288*	30%		10/28/74	N47D28M00S W112D32M00S	1:3,369,000	81100310262	P	N
CORNER POINT COORDINATES=#1:N48D01M26S W111D00M44S,#2:N48D23M31S W113D22M17S,#3:N46D53M25S W114D01M23S,#4:N46D32M06S W111D43M36S											
LANDSAT-1 (MSS)	817911741050	B&W-02.1"	8888*	00%		09/22/74	N47D19M00S W112D32M00S	1:3,369,000	81100300476	P	N
CORNER POINT COORDINATES=#1:N47D53M34S W111D00M54S,#2:N48D14M54S W113D24M07S,#3:N46D43M18S W114D01M10S,#4:N46D22M42S W111D41M48S											
LANDSAT-1 (MSS)	817731741450	B&W-02.1"	8888*	50%		09/04/74	N47D20M00S W112D33M00S	1:3,369,000	81100290782	P	N
CORNER POINT COORDINATES=#1:N47D54M39S W111D01M38S,#2:N48D16M03S W113D25M17S,#3:N46D44M12S W114D02M46S,#4:N46D23M32S W111D42M39S											

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	BIP2 CCT
PATH= 43 ROW= 27 LANDSAT											
LANDSAT-1 (MSS)	317317431503	B&W-02.1"	8888*	70%		07/30/74	N47020M00S W112035M00S	1:3,369,000	B11002 8923	P	N
CORNER POINT COORDINATES=#1:N47054M19S W111004M27S,#2:N48015M35S W113026M47S,#3:N46044M33S W114003M38S,#4:N46024M01S W111045M07S											
LANDSAT-1 (MSS)	317191743450	B&W-02.1"	8888*	20%		07/12/74	N47025M58S W112037M38S	1:3,369,000	B11002707 89	P	N
CORNER POINT COORDINATES=#1:N46053M39S W113056M21S,#2:N46031M04S W111050M33S,#3:N47057M18S W111017M35S,#4:N48020M32S W113027M45S											
LANDSAT-1 (MSS)	317011746250	B&W-02.1"	8888*	20%		06/24/74	N47029M43S W112035M24S	1:3,369,000	B11002609 12	P	N
CORNER POINT COORDINATES=#1:N48003M54S W111005M09S,#2:N48024M53S W113027M04S,#3:N46054M25S W114003M45S,#4:N46036M09S W111045M38S											
LANDSAT-1 (MSS)	316831744550	B&W-02.1"	8888*	90%		06/06/74	N47029M19S W112036M24S	1:3,369,000	B11002513 56	P	N
CORNER POINT COORDINATES=#1:N48003M40S W111005M47S,#2:N48024M43S W113028M17S,#3:N46053M05S W114035M06S,#4:N46033M31S W111046M23S											
LANDSAT-1 (MSS)	316651745350	B&W-02.1"	8888*	70%		05/19/74	N47026M18S W112033M21S	1:3,369,000	B11002504 53	P	N
CORNER POINT COORDINATES=#1:N48000M29S W111001M54S,#2:N48022M18S W113025M02S,#3:N46050M59S W114002M53S,#4:N46029M55S W111043M36S											
LANDSAT-1 (MSS)	316471746050	B&W-02.1"	8828*	90%		05/01/74	N47022M37S W112037M09S	1:3,369,000	B11002408 70	P	N
CORNER POINT COORDINATES=#1:N47057M14S W111005M40S,#2:N48018M40S W113029M22S,#3:N46046M52S W114036M41S,#4:N46026M10S W111046M51S											
LANDSAT-1 (MSS)	316291746250	B&W-02.1"	8828*	90%		04/13/74	N47019M46S W112033M27S	1:3,369,000	B11002305 25	P	N
CORNER POINT COORDINATES=#1:N47050M03S W111001M52S,#2:N48015M57S W113025M06S,#3:N46044M23S W114033M07S,#4:N46023M11S W111043M43S											
LANDSAT-1 (MSS)	316111746550	B&W-02.1"	2222*	50%		03/26/74	N47023M15S W112030M54S	1:3,369,000	B11002212 13	P	N
CORNER POINT COORDINATES=#1:N47057M18S W110059M44S,#2:N48019M07S W113022M20S,#3:N46048M02S W114008M10S,#4:N46026M59S W111041M22S											
LANDSAT-1 (MSS)	315931747150	B&W-02.1"	8888*	60%		03/08/74	N47031M28S W112026M18S	1:3,369,000	B11002204 81	P	N
CORNER POINT COORDINATES=#1:N48005M21S W110055M29S,#2:N48026M59S W113017M35S,#3:N46056M27S W113055M12S,#4:N46037M34S W111036M54S											
LANDSAT-1 (MSS)	315731747350	B&W-02.1"	2888*	60%		02/18/74	N47029M53S W112022M53S	1:3,369,000	B11002200 7	P	N
CORNER POINT COORDINATES=#1:N48003M32S W110052M14S,#2:N48025M20S W113013M49S,#3:N46055M06S W113051M40S,#4:N46034M02S W111033M50S											
LANDSAT-1 (MSS)	315571747550	B&W-02.1"	8882*	90%		01/31/74	N47029M38S W112021M59S	1:3,369,000	B11002008 3	P	N
CORNER POINT COORDINATES=#1:N48003M26S W110051M05S,#2:N48025M15S W113013M07S,#3:N46054M43S W113050M59S,#4:N46033M38S W111032M44S											
LANDSAT-1 (MSS)	315391748350	B&W-02.1"	2082*	90%		01/13/74	N47021M51S W112027M17S	1:3,369,000	B11002002 7	P	N
CORNER POINT COORDINATES=#1:N47055M33S W110056M27S,#2:N48017M34S W113018M05S,#3:N46047M04S W113056M15S,#4:N46025M45S W111038M21S											
LANDSAT-1 (MSS)	315211749050	B&W-02.1"	3828*	80%		12/26/73	N47021M16S W112029M09S	1:3,369,000	B11001905 9	P	N
CORNER POINT COORDINATES=#1:N47055M16S W110057M18S,#2:N48017M37S W113020M31S,#3:N46046M06S W113059M05S,#4:N46024M32S W111039M42S											
LANDSAT-1 (MSS)	315031749250	B&W-02.1"	2828*	70%		12/08/73	N47017M39S W112029M41S	1:3,369,000	B11001809 1	P	N
CORNER POINT COORDINATES=#1:N47050M34S W110057M49S,#2:N48013M05S W113020M[illegible]	[illegible]46041M34S W113039M38S,#4:N46019M49S W111040M24S										
LANDSAT-1 (MSS)	314831749350	B&W-02.1"	2222*	90%		11/20/73	N47017M57S W112028M[illegible]S	1:3,369,000	B11001702 6	P	N
CORNER POINT COORDINATES=#1:N47051M48S W110056M39S,#2:N48014M05S W113019M03S,#3:N46042M57S W1[illegible]D57M36S,#4:N46021M25S W111038M54S											
LANDSAT-1 (MSS)	314311753250	B&W-02.1"	8008*	10%		09/27/73	N47026M03S W112028M14S	1:3,369,000	B11001512 9	P	N
CORNER POINT COORDINATES=#1:N47059M52S W110057M38S,#2:N48021M32S W113019M23S,#3:N46053M07S W113056M57S,#4:N46030M11S W111039M03S											

CONTRACT NUMBER 0004531002 TERMINAL T0SA32
BONNER/LAS

DATA TYPE LANDSAT

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                                                                                                                                  BIP2
   IMAGERY-TYPE          SCENE ID        FILM-SOURCE QUALITY CLOUD EXPO DATE   SCENE-CENTER-POINT     SCENE-SCALE    MICROFORM  COL CCT

PAT4= 43  ROW= 27  LANDSAT
 LANDSAT-1 (MSS)      8141317555503    B&W-02.1"    8288*    90%  09/09/73  N47D  M41S W112D30M55S  1:3,369,000  81100141240  P   N
  CORNER POINT COORDINATES=#1:N47D59M42S W110D59M40S,#2:N48D21M29S W113D22M18S,#3:N46D50M33S W114D00M08S,#4:N46D29M30S W111D41M26S

 LANDSAT-1 (MSS)      8137717513503    B&W-02.1"    2828*    70%  08/04/73  N47D22M39S W112D39M12S  1:3,369,000  81100[illegible]049  P   N
  CORNER POINT COORDINATES=#1:N47D57M21S W111D07M66S,#2:N48D18M[illegible]S W113D31M33S,#3:N46D46M48S W114D38M41S,#4:N46D26M14S W111D48M47S

 LANDSAT-1 (MSS)      8135917514500    B&W-02.1"    8888*    50%  07/17/73  N47D22M26S W112D38M05S  1:3,369,000  81100[illegible]273  P   N
  CORNER POINT COORDINATES=#1:N47D56M50S W111D06M47S,#2:N48D18M23S W113D30M01S,#3:N46D46M52S W114D37M27S,#4:N46D26M05S W111D48M04S

 LANDSAT-1 (MSS)      8134117515500    B&W-02.1"    8888*    60%  06/29/73  N47D24M27S W112D39M52S  1:3,369,000  81100121029  5   N
  CORNER POINT COORDINATES=#1:N47D58M48S W111D09M13S,#2:N48D19M57S W113D31M43S,#3:N46D48M57S W114D38M36S,#4:N46D28M33S W111D49M35S

 LANDSAT-1 (MSS)      8132317521500    B&W-02.1"    8888*    20%  06/11/73  N47D31M17[illegible] W112D36M50S  1:3,369,000  81100111397  6   N
  CORNER POINT COORDINATES=#1:N48D05M19S W111D06M20S,#2:N48D26M35S W113D28M23S,#3:N[illegible]D56M06S W114D05M26S,#4:N46D35M35S W111D47M13S

 LANDSAT-1 (MSS)      8130517522500    B&W-02.1"    8888*    70%  05/24/73  N47D31M15S W112D37M23S  1:3,369,000  81100110530  P   N
  CORNER POINT COORDINATES=#1:N48D05M13S W111D06M53S,#2:N48D26M34S W113D28M47S,#3:N46D56M09S W114D06M00S,#4:N46D35M32S W111D47M53S

 LANDSAT-1 (MSS)      8128717523500    B&W-02.1"    8888*    40%  05/06/73  N47D34M34S W112D37M10S  1:3,369,000  81100101368  P   N
  CORNER POINT COORDINATES=#1:N48D08M45S W111D06M10S,#2:N48D30M07S W113D28M56S,#3:N46D59M16S W114D06M14S,#4:N46D38M57S W111D47M18S

 LANDSAT-1 (MSS)      8126917524500    B&W-02.1     8888*    20%  04/18/73  N47D29M34S W112D36M20S  1:3,369,000  81100100406  P   N
  CORNER POINT COORDINATES=#1:N48D03M43S W111D0[illegible]M[illegible]S,#2:N48D25M37S W113D28M33S,#3:N46D54M16S W114D06M01S,#4:N46D33M08S W111D46M33S

 LANDSAT-1 (MSS)      8125117524500    B&W-02.1"    8888*    80%  03/31/73  N47D25M21S W112D36M16S  1:3,369,000  81100091119  7   N
  CORNER POINT COORDINATES=#1:N47D59M36S W111D04M24S,#2:N48D21M36S W113D28M04S,#3:N46D49M56S W114D06M12S,#4:N46D28M41S W111D46M24S

 LANDSAT-1 (MSS)      8123317524500    B&W-02.1"    8888*    90%  03/13/73  N47D22M53S W112D33M52S  1:3,369,000  81100090314  P   N
  CORNER POINT COORDINATES=#1:N47D56M59S W111D02M07S,#2:N48D19M08S W113D25M23S,#3:N46D47M39S W114D03M42S,#4:N46D26M14S W111D44M15S

 LANDSAT-1 (MSS)      8121517523500    B&W-02.1"    8888*    70%  02/23/73  N47D27M07S W112D30M14S  1:3,369,000  81100090047  P   N
  CORNER POINT COORDINATES=#1:N48D01M05S W110D58M56S,#2:N48D23M00S W113D21M37S,#3:N46D51M59S W113D59M37S,#4:N46D30M49S W111D40M44S

 LANDSAT-1 (MSS)      8119717522500    B&W-02.1"    5588*    30%  02/05/73  N47D28M09S W112D23M24S  1:3,369,000  81100070630  P   N
  CORNER POINT COORDINATES=#1:N48D01M43S W110D52M26S,#2:N48D23M51S W113D14M11S,#3:N46D53M27S W113D52M30S,#4:N46D32M04S W111D34M30S

 LANDSAT-1 (MSS)      8118217522500    B&W-02.1"    8888*    40%  11/25/72  N47D19M23S W112D27M39S  1:3,369,000  81100050417  P   N
  CORNER POINT COORDINATES=#1:N47D53M24S W110D55M51S,#2:N48D15M43S W113D19M00S,#3:N46D44M12S W113D57M31S,#4:N46D22M38S W111D38M11S

PAT4= 44  ROW= 26  LANDSAT
 LANDSAT-3 (RBV) SJB  8301227176454X0    B&W-02.3"    ****8*   60%  07/10/78  N48D12M36S W112D46M23S  1:1,684,000  +0000000000  N   N
  CORNER POINT COORDINATES=#1:N48D30M06S W112D02M52S,#2:N48D41M26S W113D12M53S,#3:N47D55M06S W113D29M24S,#4:N47D43M46S W112D20M22S

 LANDSAT-3 (RBV) SJB  8301227176454XA    B&W-02.3"    5****    80%  07/10/78  N49D05M17S W113D35M46S  1:1,684,000  +0000000000  N   N
  CORNER POINT COORDINATES=#1:N49D22M39S W112D51M21S,#2:N49D34M11S W114D02M33S,#3:N48D47M54S W114D19M39S,#4:N48D36M22S W112D09M29S

 LANDSAT-3 (MSS)      8301227176454X0    B&W-02.1"    8885*    60%  07/10/78  N48D40M35S W113D09M22S  1:3,369,000  +0000000000  P   N
  CORNER POINT COORDINATES=#1:N49D14M43S W111D43M25S,#2:N49D33M19S W113D57M32S,#3:N48D10M07S W114D23M35S,#4:N47D48M31S W112D22M51S
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CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO-DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	BIP2 CCT
PATH= 44 ROW= 26 LANDSAT										
LANDSAT-3 (RBV) SUB	83012717654XC	B&W-02.3"	**8**	70%	07/10/78	N48D22M55S W113D54M04S	1:1,684,000	*0000000000	N	N
CORNER POINT COORDINATES=#1:N48D40M24S W113D10M22S,#2:N48D51M46S W114D20M37S,#3:N48D05M27S W114D37M15S,#4:N47D54M04S W113D28M00S										
LANDSAT-2 (MSS)	82125817240X0	B&W-02.1"	8888*	20%	07/01/78	N48D39M00S W113D05M06S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D39M49S W111D39M13S,#2:N49D31M24S W113D53M13S,#3:N48D08M11S W114D29M15S,#4:N47D46M36S W112D18M37S										
LANDSAT-2 (MSS)	82125817231X0	B&W-02.1"	5555*	30%	06/13/78	N48D39M32S W113D06M18S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D10M21S W111D40M24S,#2:N49D31M56S W113D54M26S,#3:N48D08M44S W114D30M28S,#4:N47D47M09S W112D19M49S										
LANDSAT-3 (RBV) SUB	83009117452X0	B&W-02.3"	***8*	20%	06/04/78	N48D11M24S W112D43M48S	1:1,684,000	*0000000000	N	N
CORNER POINT COORDINATES=#1:N48D28M54S W112D00M18S,#2:N48D40M16S W113D10M19S,#3:N47D53M54S W113D26M48S,#4:N47D42M34S W112D17M48S										
LANDSAT-3 (RBV) SUB	83009117452XC	B&W-02.3"	**8**	10%	06/04/78	N48D21M50S W113D50M38S	1:1,684,000	*0000000	N	N
CORNER POINT COORDINATES=#1:N48D39M19S W113D06M58S,#2:N49D50M41S W114D17M12S,#3:N48D04M22S W114D33M49S,#4:N47D52M59S W112D24M35S										
LANDSAT-3 (MSS)	83009117451X0	B&W-02.1"	8888*	10%	06/04/78	N48D39M29S W113D06M18S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D10M17S W111D40M24S,#2:N49D31M53S W113D54M26S,#3:N48D08M40S W114D30M28S,#4:N47D47M05S W112D19M49S										
LANDSAT-3 (RBV) SUB	83009117452XA	B&W-02.3"	8****	10%	06/04/78	N49D04M19S W113D31M59S	1:1,684,000	*0000000000	N	N
CORNER POINT COORDINATES=#1:N49D21M42S W112D47M35S,#2:N49D33M14S W113D58M46S,#3:N48D46M57S W114D15M51S,#4:N48D35M25S W113D05M43S										
LANDSAT-2 (MSS)	82122017222X0	B&W-02.1"	8888*	50%	05/26/78	N48D40M41S W113D08M49S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D11M29S W111D42M53S,#2:N49D33M05S W113D56M58S,#3:N48D09M53S W114D33M02S,#4:N47D48M17S W112D22M19S										
LANDSAT-3 (MSS)	83007317451X0	B&W-02.1"	8888*	90%	05/17/78	N48D41M02S W113D09M36S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D11M53S W111D43M33S,#2:N49D33M26S W113D57M45S,#3:N48D10M14S W114D33M42S,#4:N47D48M38S W112D23M06S										
LANDSAT-2 (MSS)	82120217213X0	B&W-02.1"	8858*	10%	05/08/78	N48D41M24S W113D10M24S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D12M12S W111D44M29S,#2:N49D33M48S W113D58M35S,#3:N48D10M36S W114D14M40S,#4:N47D49M00S W112D23M50S										
LANDSAT-3 (MSS)	83005517451X0	B&W-02.1"	8888*	90%	04/29/78	N48D41M56S W113D11M38S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D12M46S W111D45M39S,#2:N49D34M21S W113D59M48S,#3:N48D11M09S W114D35M53S,#4:N47D49M32S W112D25M08S										
LANDSAT-3 (MSS)	83003717450X0	B&W-02.1"	8800*	80%	04/11/78	N48D41M56S W113D11M42S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D12M46S W111D45M43S,#2:N49D34M21S W113D59M51S,#3:N48D11M09S W114D35M57S,#4:N47D49M32S W112D25M11S										
LANDSAT-3 (MSS)	83001917644X0	B&W-02.1"	8888*	70%	03/24/78	N48D42M47S W113D13M34S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D13M34S W110D47M33S,#2:N49D35M11S W114D01M43S,#3:N48D11M59S W114D37M50S,#4:N47D50M22S W112D27M02S										
LANDSAT-2 (MSS)	82114817183X0	B&W-02.1"	8888*	10%	03/15/78	N48D41M24S W113D10M26S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D12M12S W111D44M29S,#2:N49D33M48S W113D58M35S,#3:N48D10M36S W114D14M40S,#4:N47D49M00S W112D23M50S										
LANDSAT-2 (MSS)	82111217163X0	B&W-02.1"	8888*	30%	02/07/78	N48D40M48S W113D09M07S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D11M36S W111D43M10S,#2:N49D33M12S W113D57M16S,#3:N48D10M00S W114D33M20S,#4:N47D48M24S W112D22M37S										
LANDSAT-2 (MSS)	82075171525X0	B&W-02.1"	8888*	10%	01/02/78	N48D46M00S W113D15M00S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D19M16S W111D40M24S,#2:N49D42M36S W114D08M38S,#3:N48D11M31S W114D47M34S,#4:N47D49M00S W112D25M04S										

CONTACT NUMBER 0004531002 TERMINAL T03A32
BONNER/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	BIPZ CCT
PATH= 44 ROW= 26 LANDSAT											
LANDSAT-2 (MSS)	860581715350 0	B&W-02.1"	8858*	80%		12/15/77	N48D48M00S W113D18M00S	1:3,369,000	82100370676	P	N
CORNER POINT COORDINATES=#1:N49D21M30S W111D43M02S,#2:N49D44M47S W114D10M23S,#3:N48D13M16S W114D50M55S,#4:N47D50M49S W112D27M40S											
LANDSAT-2 (MSS)	860431716250 0	B&W-02.1"	8888*	90%		11/27/77	N48D42M00S W113D28M00S	1:3,369,000	82100370125	P	N
CORNER POINT COORDINATES=#1:N49D15M34S W111D53M20S,#2:N49D38M42S W114D20M24S,#3:N48D07M12S W115D10M37S,#4:N47D44M50S W112D37M42S											
LANDSAT-2 (MSS)	860221717050 0	B&W-02.1"	8888*	70%		11/09/77	N48D46M00S W113D22M00S	1:3,369,000	*000000000	P	N
CORNER POINT COORDINATES=#1:N49D19M16S W111D47M44S,#2:N49D42M23S W114D13M57S,#3:N48D11M31S W114D54M14S,#4:N47D49M13S W112D32M05S											
LANDSAT-2 (MSS)	860061717550 0	B&W-02.1"	8588*	10%		10/22/77	N48D49M00S W113D19M00S	1:3,369,000	*000000000	P	N
CORNER POINT COORDINATES=#1:N49D22M31S W111D45M27S,#2:N49D44M55S W114D10M36S,#3:N48D14M47S W114D50M33S,#4:N47D52M42S W112D28M24S											
LANDSAT-2 (MSS)	829861718550 0	B&W-02.1"	8888*	60%		10/04/77	N48D55M00S W113D17M00S	1:3,369,000	*000000000	P	N
CORNER POINT COORDINATES=#1:N49D28M00S W111D43M42S,#2:N49D50M40S W114D08M43S,#3:N48D20M49S W114D48M14S,#4:N47D58M57S W112D27M20S											
LANDSAT-2 (MSS)	829681723050 3	B&W-02.1"	8888*	90%		09/16/77	N48D55M00S W113D17M00S	1:3,369,000	82100341215	P	N
CORNER POINT COORDINATES=#1:N49D28M01S W111D43M18S,#2:N49D50M56S W114D08M43S,#3:N48D20M47S W114D48M41S,#4:N47D58M42S W112D27M17S											
LANDSAT-2 (MSS)	829531722050 3	B&W-02.1"	8858*	40%		08/29/77	N48D50M00S W113D21M00S	1:3,369,000	82100340307	P	N
CORNER POINT COORDINATES=#1:N49D23M30S W111D46M50S,#2:N49D46M15S W114D13M22S,#3:N48D15M17S W114D53M07S,#4:N47D53M22S W112D30M41S											
LANDSAT-1 (MSS)	958511633250 3	B&W-02.1"	8888*	80%		08/17/77	N48D51M00S W113D33M00S	1:3,369,000	81100628107	P	N
CORNER POINT COORDINATES=#1:N49D25M09S W111D59M30S,#2:N49D46M46S W114D26M18S,#3:N48D15M39S W115D04M28S,#4:N47D54M49S W112D41M46S											
LANDSAT-2 (MSS)	829321722050 3	B&W-02.1"	8888*	10%		08/11/77	N48D46M00S W113D22M00S	1:3,369,000	82100331074	P	N
CORNER POINT COORDINATES=#1:N49D17M36S W111D47M14S,#2:N49D40M44S W114D14M20S,#3:N48D09M11S W114D54M43S,#4:N47D46M52S W112D31M37S											
LANDSAT-2 (MSS)	829141723050 3	B&W-02.1"	8888*	40%		07/24/77	N48D43M00S W113D23M00S	1:3,369,000	82100330183	P	N
CORNER POINT COORDINATES=#1:N49D16M37S W111D48M08S,#2:N49D39M48S W114D15M26S,#3:N48D08M10S W114D55M49S,#4:N47D45M48S W112D32M37S											
LANDSAT-2 (MSS)	828961723550 3	B&W-02.1"	8888*	50%		07/06/77	N48D45M00S W113D20M00S	1:3,369,000	82100320784	P	N
CORNER POINT COORDINATES=#1:N49D18M16S W111D45M29S,#2:N49D41M34S W114D11M57S,#3:N48D10M31S W114D52M29S,#4:N47D48M02S W112D30M05S											
LANDSAT-1 (MSS)	857971639050 3	B&W-02.1"	8888*	40%		06/24/77	N48D47M00S W113D39M00S	1:3,369,000	81100600410	P	N
CORNER POINT COORDINATES=#1:N49D21M17S W112D05M25S,#2:N49D42M52S W114D32M26S,#3:N48D11M31S W115D10M30S,#4:N47D50M43S W112D47M39S											
LANDSAT-2 (MSS)	828731724550 9	B&W-02.1"	8848*	10%		06/19/77	N48D49M00S W113D18M00S	1:3,369,000	82100311573	P	Y
CORNER POINT COORDINATES=#1:N49D21M57S W111D44M09S,#2:N49D45M06S W114D09M30S,#3:N48D14M51S W114D49M51S,#4:N47D52M30S W112D28M30S											
LANDSAT-1 (MSS)	957721643550 3	B&W-02.1"	8588*	20%		06/06/77	N48D49M00S W113D38M00S	1:3,369,000	81100590422	P	N
CORNER POINT COORDINATES=#1:N49D23M01S W112D04M48S,#2:N49D44M36S W114D31M02S,#3:N48D13M47S W115D09M08S,#4:N47D52M59S W112D47M00S											
LANDSAT-2 (MSS)	828631725450 3	B&W-02.1"	8888*	60%		05/31/77	N48D55M00S W113D17M00S	1:3,369,000	82100310770	P	N
CORNER POINT COORDINATES=#1:N49D27M56S W111D43M36S,#2:N49D50M43S W114D08M33S,#3:N48D20M53S W114D48M26S,#4:N47D58M54S W112D27M27S											
LANDSAT-2 (MSS)	828421726450 3	B&W-02.1"	8888*	30%		05/13/77	N48D56M00S W113D18M00S	1:3,369,000	82100300752	P	N
CORNER POINT COORDINATES=#1:N49D29M00S W111D44M28S,#2:N49D51M46S W114D09M42S,#3:N48D21M48S W114D49M31S,#4:N47D59M51S W112D28M19S											

CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	BIP2 CCT
PATH= 44 ROW= 26 LANDSAT											
LANDSAT-2 (MSS)	8280417273503	B&W-02.1"	8888*	00%		04/25/77	N48D51M00S W113D20M00S	1:3,369,000	8210029149E	P	N
CORNER POINT COORDINATES=#1:N49D24M11S W111D45M52S,#2:N49D47M14S W114D11M55S,#3:N48D14M36S W114D52M07S,#4:N47D54M23S W112D30M07S											
LANDSAT-1 (MSS)	8572516455500	B&W-02.1"	8888*	80%		04/13/77	N48D53M00S W113D33M00S	1:3,369,000	8110057/043	P	N
CORNER POINT COORDINATES=#1:N49D27M07S W111D59M35S,#2:N49D48M41S W114D26M13S,#3:N48D17M41S W115D04M21S,#4:N47D56M54S W112D41M47S											
LANDSAT-2 (MSS)	8280617253503	B&W-02.1"	8888*	00%		04/07/77	N48D49M00S W113D23M00S	1:3,369,000	8210029072F	P	N
CORNER POINT COORDINATES=#1:N49D22M35S W111D48M15S,#2:N49D45M37S W114D15M30S,#3:N48D14M12S W114D55M41S,#4:N47D51M59S W112D32M33S											
LANDSAT-2 (MSS)	8281817293503	B&W-02.1"	8888*	50%		03/20/77	N48D43M00S W113D28M00S	1:3,369,000	8210028119F	P	N
CORNER POINT COORDINATES=#1:N49D16M53S W111D53M20S,#2:N49D39M40S W114D20M53S,#3:N48D07M51S W115D00M36S,#4:N47D45M56S W112D37M11S											
LANDSAT-2 (MSS)	8277017302503	B&W-02.1"	5855*	90%		03/02/77	N48D44M00S W113D26M00S	1:3,369,000	8210028040F	P	N
CORNER POINT COORDINATES=#1:N49D17M37S W111D51M31S,#2:N49D40M33S W114D18M27S,#3:N48D09M10S W114D58M26S,#4:N47D47M03S W112D35M36S											
LANDSAT-1 (MSS)	8567116534503	B&W-02.1"	5888*	10%		02/18/77	N48D48M00S W113D27M00S	1:3,369,000	*0000000003	P	N
CORNER POINT COORDINATES=#1:N49D21M57S W111D52M57S,#2:N49D44M11S W114D19M53S,#3:N48D12M51S W114D58M59S,#4:N47D51M24S W112D36M09S											
LANDSAT-2 (MSS)	8275217310503	B&W-02.1"	5805*	70%		02/12/77	N48D48M00S W113D22M00S	1:3,369,000	8210027034F	P	N
CORNER POINT COORDINATES=#1:N49D21M12S W111D48M03S,#2:N49D44M09S W114D13M52S,#3:N48D13M35S W114D53M55S,#4:N47D51M28S W112D32M09S											
LANDSAT-2 (MSS)	8273417314503	B&W-02.1"	8888*	30%		01/25/77	N48D53M00S W113D18M00S	1:3,369,000	8210026085F	P	N
CORNER POINT COORDINATES=#1:N49D25M52S W111D44M30S,#2:N49D48M50S W114D09M26S,#3:N48D18M57S W114D49M30S,#4:N47D56M47S W112D28M33S											
LANDSAT-2 (MSS)	8271617322503	B&W-02.1"	8888*	70%		01/07/77	N48D54M00S W113D17M00S	1:3,369,000	8210026028F	P	N
CORNER POINT COORDINATES=#1:N49D26M54S W111D43M34S,#2:N49D49M45S W114D08M33S,#3:N48D19M54S W114D48M26S,#4:N47D57M52S W112D27M30S											
LANDSAT-2 (MSS)	8269817330503	B&W-02.1"	5888*	60%		12/20/76	N48D55M00S W113D16M00S	1:3,369,000	8210025142F	P	N
CORNER POINT COORDINATES=#1:N49D28M36S W111D41M58S,#2:N49D51M06S W114D07M51S,#3:N48D20M41S W114D48M01S,#4:N47D58M31S W112D26M10S											
LANDSAT-2 (MSS)	8268317335503	B&W-02.1"	8888*	30%		12/02/76	N48D48M00S W113D20M00S	1:3,369,000	8210025083F	P	N
CORNER POINT COORDINATES=#1:N49D21M25S W111D45M24S,#2:N49D44M34S W114D12M13S,#3:N48D13M21S W114D52M33S,#4:N47D51M03S W112D29M48S											
LANDSAT-2 (MSS)	8266217343503	B&W-02.1"	8888*	10%		11/14/76	N48D42M00S W113D23M00S	1:3,369,000	8210025030F	P	N
CORNER POINT COORDINATES=#1:N49D15M38S W111D48M07S,#2:N49D38M50S W114D15M23S,#3:N48D07M08S W114D55M49S,#4:N47D44M46S W112D32M33S											
LANDSAT-2 (MSS)	8264417352503	B&W-02.1"	8888*	70%		10/27/76	N48D41M00S W113D23M00S	1:3,369,000	8210074004F	P	N
CORNER POINT COORDINATES=#1:N49D14M33S W111D48M17S,#2:N49D37M46S W114D15M14S,#3:N48D06M17S W114D55M40S,#4:N47D43M50S W112D32M48S											
LANDSAT-1 (MSS)	9556817014503	B&W-02.1"	8888*	10%		10/18/76	N48D45M00S W113D32M00S	1:3,369,000	8110054045F	P	N
CORNER POINT COORDINATES=#1:N49D19M21S W111D58M05S,#2:N49D41M07S W114D25M33S,#3:N48D09M26S W115D03M50S,#4:N47D47M22S W112D40M34S											
LANDSAT-2 (MSS)	8262617355503	B&W-02.1"	8888*	30%		10/09/76	N48D44M00S W113D23M00S	1:3,369,000	8210023064F	P	N
CORNER POINT COORDINATES=#1:N49D17M23S W111D49M00S,#2:N49D40M15S W114D15M03S,#3:N48D09M25S W114D54M58S,#4:N47D47M22S W112D32M58S											
LANDSAT-1 (MSS)	8553017031500	B&W-02.1"	8888*	30%		09/30/76	N48D50M00S W113D32M00S	1:3,369,000	8110054047F	P	N
CORNER POINT COORDINATES=#1:N49D24M23S W111D58M35S,#2:N49D45M43S W114D23M33S,#3:N48D14M28S W115D03M20S,#4:N47D53M52S W112D40M31S											

CONTACT NUMBER 0004531002 TERMINAL T03A32
BONNER/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	BIP2 CCT
PATH= 44 ROW= 26 LANDSAT											
LANDSAT-2 (MSS)	8260817363503	B&W-02.1"	8888*	00%		09/21/76	N48D49M00S W113D19M00S	1:3,369,000	8210022177	P	Y
CORNER POINT COORDINATES=#1:N49D21M55S W111D45M28S,#2:N49D44M54S W114D01M27S,#3:N48D14M52S W114D30M32S,#4:N47D52M25S W112D29M32S											
LANDSAT-1 (MSS)	8551217043503	B&W-02.1"	8888*	50%		09/12/76	N48D49M00S W113D31M00S	1:3,369,000	8110053037 9		N
CORNER POINT COORDINATES=#1:N49D22M58S W111D58M03S,#2:N49D44M28S W114D23M56S,#3:N48D13M51S W115D01M55S,#4:N47D53M08S W112D40M06S											
LANDSAT-2 (MSS)	8259317370503	B&W-02.1"	8888*	10%		09/03/76	N48D55M00S W113D15M00S	1:3,369,000	8210022040 1	P	N
CORNER POINT COORDINATES=#1:N49D27M48S W111D41M31S,#2:N49D50M46S W114D06M22S,#3:N48D21M01S W114D46M29S,#4:N47D58M51S W112D25M38S											
LANDSAT-2 (MSS)	8257217373503	B&W-02.1"	8888*	50%		08/16/76	N48D54M00S W113D14M00S	1:3,369,000	8210021106 7	P	N
CORNER POINT COORDINATES=#1:N49D26M32S W111D40M07S,#2:N49D50M03S W114D05M35S,#3:N48D19M56S W114D45M35S,#4:N47D57M34S W112D24M31S											
LANDSAT-1 (MSS)	8547617073500	B&W-02.1"	8888*	20%		08/07/76	N48D52M00S W113D30M00S	1:3,369,000	8110052033 5	P	N
CORNER POINT COORDINATES=#1:N49D25M52S W111D56M33S,#2:N49D47M32S W114D22M52S,#3:N48D16M57S W115D01M04S,#4:N47D56M04S W112D39M11S											
LANDSAT-2 (MSS)	8255617330503	B&W-02.1"	8888*	60%		07/29/76	N48D50M00S W113D16M00S	1:3,369,000	8210021035 9	P	N
CORNER POINT COORDINATES=#1:N49D23M17S W111D41M31S,#2:N49D46M27S W114D08M04S,#3:N48D15M29S W114D58M26S,#4:N47D53M09S W112D25M58S											
LANDSAT-1 (MSS)	8545817090503	B&W-02.1"	8888*	10%		07/20/76	N48D52M00S W113D35M00S	1:3,369,000	8110051055 7	P	N
CORNER POINT COORDINATES=#1:N49D26M15S W112D01M30S,#2:N49D47M44S W114D23M32S,#3:N48D16M30S W115D06M25S,#4:N47D55M51S W112D43M32S											
LANDSAT-2 (MSS)	9253617333503	B&W-02.1"	5855*	10%		07/11/76	N48D45M00S W113D19M00S	1:3,369,000	8210020068 4	P	N
CORNER POINT COORDINATES=#1:N49D18M40S W111D44M11S,#2:N49D41M44S W114D11M36S,#3:N48D10M06S W114D51M45S,#4:N47D47M52S W112D28M24S											
LANDSAT-2 (MSS)	9251817390503	B&W-02.1"	8888*	90%		06/23/76	N48D40M00S W113D20M00S	1:3,369,000	8210019139 9	P	N
CORNER POINT COORDINATES=#1:N49D13M38S W111D45M14S,#2:N49D36M47S W114D12M26S,#3:N48D05M09S W114D52M45S,#4:N47D42M49S W112D29M39S											
LANDSAT-1 (MSS)	9542217120500	B&W-02.1"	8888*	30%		06/14/76	N48D37M00S W113D43M00S	1:3,369,000	8100500593		N
CORNER POINT COORDINATES=#1:N49D11M33S W112D04M25S,#2:N49D33M03S W114D36M43S,#3:N48D01M13S W115D14M30S,#4:N47D40M32S W112D51M24S											
LANDSAT-2 (MSS)	8255317393503	B&W-02.1"	8888*	20%		06/05/76	N48D46M00S W113D19M00S	1:3,369,000	8210019065 9	P	N
CORNER POINT COORDINATES=#1:N49D17M29S W111D44M48S,#2:N49D40M23S W114D11M15S,#3:N48D09M18S W114D51M10S,#4:N47D47M13S W112D23M47S											
LANDSAT-1 (MSS)	8540617131503	B&W-02.1"	8888*	10%		05/27/76	N48D46M00S W113D36M00S	1:3,369,000	8110050013 2	P	N
CORNER POINT COORDINATES=#1:N49D20M15S W112D02M26S,#2:N49D41M54S W114D29M22S,#3:N48D10M33S W115D07M30S,#4:N47D49M41S W112D46M42S											
LANDSAT-2 (MSS)	8248217430503	B&W-02.1"	8888*	20%		05/18/76	N48D47M00S W113D15M00S	1:3,369,000	8210018121 3	P	N
CORNER POINT COORDINATES=#1:N49D20M04S W111D41M23S,#2:N49D43M00S W114D06M38S,#3:N48D12M44S W114D46M37S,#4:N47D50M37S W112D25M22S											
LANDSAT-1 (MSS)	8538617142503	B&W-02.1"	8888*	10%		05/09/76	N48D49M00S W113D34M00S	1:3,369,000	8110049045 3	P	N
CORNER POINT COORDINATES=#1:N49D22M04S W112D01M01S,#2:N49D43M31S W114D27M03S,#3:N48D12M45S W115D04M56S,#4:N47D52M05S W112D42M57S											
LANDSAT-2 (MSS)	8246617432503	B&W-02.1"	8888*	00%		04/30/76	N48D55M00S W113D12M00S	1:3,369,000	8210013054 0	P	N
CORNER POINT COORDINATES=#1:N49D27M53S W111D38M36S,#2:N49D50M43S W114D03M29S,#3:N48D20M55S W114D43M25S,#4:N47D58M54S W112D22M35S											
LANDSAT-2 (MSS)	8246617435500	B&W-02.1"	5585*	10%		04/12/76	N48D59M00S W113D11M00S	1:3,369,000	8210017125 6	P	N
CORNER POINT COORDINATES=#1:N49D31M57S W111D37M14S,#2:N49D54M52S W114D02M43S,#3:N48D24M31S W114D42M48S,#4:N48D02M49S W112D21M20S											

CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORK	COL	BIPZ CCT
PAT#= 44 ROW= 26 LANDSAT											
LANDSAT-1 (MSS)	8535317165500	B&W-02.1"	8888*	10%		04/03/76	N48D56M00S W113D25M00S	1:3,369,000	81100480345	P	N
CORNER POINT COORDINATES=#1:N49D29M41S W111D51M46S,#2:N49D51M33S W114D17M40S,#3:N48D21M08S W114D5M12S,#4:N48D00M03S W112D54M22S											
LANDSAT-2 (MSS)	8242917413500	B&W-02.1"	5888*	70%		03/25/76	N48D51M00S W113D16M00S	1:3,369,000	82100170335	P	N
CORNER POINT COORDINATES=#1:N49D24M17S W111D41M50S,#2:N49D47M15S W114D08M45S,#3:N48D16M30S W114D48M08S,#4:N47D54M22S W112D25M58S											
LANDSAT-2 (MSS)	8241017420500	B&W-02.1"	8888*	20%		03/07/76	N48D42M00S W113D23M00S	1:3,369,000	82100160868	P	N
CORNER POINT COORDINATES=#1:N49D15M43S W111D48M29S,#2:N49D38M36S W114D15M34S,#3:N48D07M04S W114D55M28S,#4:N47D45M00S W112D22M29S											
LANDSAT-2 (MSS)	8239217423500	B&W-02.1"	5555*	70%		02/18/76	N48D42M00S W113D22M00S	1:3,369,000	82100151077	P	N
CORNER POINT COORDINATES=#1:N49D15M36S W111D47M03S,#2:N49D38M52S W114D16M26S,#3:N48D07M10S W114D54M53S,#4:N47D44M44S W112D31M39S											
LANDSAT-2 (MSS)	8237417430500	B&W-02.1"	8888*	90%		01/31/76	N48D40M00S W113D23M00S	1:3,369,000	82100150363	P	N
CORNER POINT COORDINATES=#1:N49D13M26S W111D48M32S,#2:N49D36M37S W114D15M05S,#3:N48D05M21S W114D55M26S,#4:N47D43M00S W112D32M56S											
LANDSAT-1 (MSS)	8527817214500	B&W-02.1"	8858*	60%		01/22/76	N48D45M00S W113D20M00S	1:3,369,000	81100460082	P	N
CORNER POINT COORDINATES=#1:N49D18M39S W111D45M43S,#2:N49D41M24S W114D12M32S,#3:N48D10M09S W114D52M14S,#4:N47D48M12S W112D29M33S											
LANDSAT-2 (MSS)	8235617432500	B&W-02.1"	5555*	40%		01/13/76	N48D40M00S W113D20M00S	1:3,369,000	82100140797	P	N
CORNER POINT COORDINATES=#1:N49D13M04S W111D46M17S,#2:N49D36M11S W114D11M33S,#3:N48D05M44S W114D51M44S,#4:N47D43M26S W112D30M30S											
LANDSAT-1 (MSS)	8526317225500	B&W-02.1"	8825*	80%		01/04/76	N48D45M00S W113D20M00S	1:3,369,000	81100450456	P	N
CORNER POINT COORDINATES=#1:N49D18M28S W111D46M21S,#2:N49D41M01S W114D12M15S,#3:N48D10M20S W114D51M37S,#4:N47D48M35S W112D26M50S											
LANDSAT-2 (MSS)	8232317433500	B&W-02.1"	8888*	70%		12/08/75	N48D56M00S W113D09M00S	1:3,369,000	82100130769	P	N
CORNER POINT COORDINATES=#1:N49D28M44S W111D35M19S,#2:N49D51M53S W114D00M19S,#3:N48D22M04S W114D40M41S,#4:N47D59M44S W112D19M41S											
LANDSAT-2 (MSS)	8230217435500	B&W-02.1"	5555*	70%		11/20/75	N48D53M00S W113D10M00S	1:3,369,000	82100130200	P	N
CORNER POINT COORDINATES=#1:N49D26M04S W111D35M54S,#2:N49D49M11S W114D01M45S,#3:N48D19M46S W114D42M05S,#4:N47D56M26S W112D20M18S											
LANDSAT-2 (MSS)	8228417440500	B&W-02.1"	5555*	90%		10/02/75	N48D45M00S W113D12M00S	1:3,369,000	82100120543	P	N
CORNER POINT COORDINATES=#1:N49D18M26S W111D37M23S,#2:N49D41M37S W114D04M11S,#3:N48D10M21S W114D44M34S,#4:N47D47M59S W112D21M51S											
LANDSAT-2 (MSS)	8226617441500	B&W-02.1"	5555*	50%		10/15/75	N48D42M00S W113D12M00S	1:3,369,000	82100111033	P	N
CORNER POINT COORDINATES=#1:N49D15M33S W111D37M01S,#2:N49D38M53S W114D04M23S,#3:N48D07M13S W114D44M56S,#4:N47D44M42S W112D21M43S											
LANDSAT-2 (MSS)	8224817442500	B&W-02.1"	5555*	00%		09/27/75	N48D47M00S W113D09M00S	1:3,369,000	82100110262	P	N
CORNER POINT COORDINATES=#1:N49D20M33S W111D34M37S,#2:N49D43M46S W114D01M23S,#3:N48D12M16S W114D41M50S,#4:N47D49M52S W112D18M42S											
LANDSAT-2 (MSS)	8221217443500	B&W-02.1"	5888*	70%		08/22/75	N48D52M00S W113D02M00S	1:3,369,000	82100100457	P	N
CORNER POINT COORDINATES=#1:N49D24M47S W111D28M20S,#2:N49D47M56S W113D53M13S,#3:N48D18M01S W114D33M40S,#4:N47D55M40S W112D12M41S											
LANDSAT-1 (MSS)	8511617313500	B&W-02.1"	8858*	70%		08/13/75	N48D55M00S W113D19M00S	1:3,369,000	81100480626	P	N
CORNER POINT COORDINATES=#1:N49D28M28S W111D45M33S,#2:N49D50M42S W114D11M21S,#3:N48D20M20S W114D50M26S,#4:N47D58M53S W112D28M40S											
LANDSAT-2 (MSS)	8219417450500	B&W-02.1"	5555*	10%		08/04/75	N48D56M00S W113D07M00S	1:3,369,000	82100081599	P	N
CORNER POINT COORDINATES=#1:N49D28M39S W111D33M23S,#2:N49D51M51S W113D58M11S,#3:N48D22M09S W114D38M38S,#4:N47D59M46S W112D17M48S											

EROS DATA CENTER
SIOUX FALLS, SOUTH DAKOTA 57198
PHONE 605-594-6511 FEDERAL TELECOMMUNICATIONS SYSTEM PHONES USE 784-7151

REPORT NO. GL001-1
DATE 09/01/78
TIME 08:20
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CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	BIPZ CCT
PATH= 44 ROW= 26 LANDSAT											
LANDSAT-2 (MSS)	9 7617453500	B&W-02.1"	5885*	50%		07/17/75	N48D54M00S W113D13M00S	1:3,369,000	82100080014	P	N
CORNER POINT COORDINATES=#1:N49D26M59S W111D39M06S,#2:N49D50M02S W114D04M39S,#3:N48D19M49S W114D44M54S,#4:N47D57M34S W112D23M22S											
LANDSAT-1 (MSS)	9508317334500	B&W-02.1"	8888*	60%		07/08/75	N48D52M00S W113D24M00S	1:3,369,000	81100400063	P	N
CORNER POINT COORDINATES=#1:N49D25M37S W111D50M36S,#2:N49D47M45S W114D16M32S,#3:N48D17M12S W114D55M22S,#4:N47D55M51S W112D33M30S											
LANDSAT-2 (MSS)	8215817454500	B&W-02.1"	5888*	10%		06/29/75	N48D43M00S W113D18M00S	1:3,369,000	82100070566	P	N
CORNER POINT COORDINATES=#1:N49D16M13S W111D43M34S,#2:N49D39M33S W114D09M50S,#3:N48D08M33S W114D,0M24S,#4:N47D44M04S W112D28M11S											
LANDSAT-2 (MSS)	9214317454500	B&W-02.1"	5888*	10%		06/11/75	N48D41M00S W113D18M00S	1:3,369,000	82100061303	P	N
CORNER POINT COORDINATES=#1:N49D14M36S W111D43M08S,#2:N49D37M50S W114D10M24S,#3:N48D06M09S W114D50M49S,#4:N47D43M46S W112D27M39S											
LANDSAT-1 (MSS)	9504417355500	B&W-02.1"	5588*	40%		06/02/75	N48D45M00S W113D31M00S	1:3,369,000	81100380533	P	N
CORNER POINT COORDINATES=#1:N49D19M19S W111D57M16S,#2:N49D41M19S W114D24M45S,#3:N48D09M29S W115D32M40S,#4:N47D48M15S W112D39M21S											
LANDSAT-2 (MSS)	8212217452500	B&W-02.1"	5558*	70%		05/24/75	N48D40M00S W113D11M00S	1:3,369,000	82100060416	P	N
CORNER POINT COORDINATES=#1:N49D13M32S W111D36M12S,#2:N49D36M53S W114D03M20S,#3:N48D05M14S W114D43M45S,#4:N47D42M43S W112D20M42S											
LANDSAT-1 (MSS)	8502617365500	B&W-02.1"	8855*	30%		05/15/75	N48D43M00S W113D33M00S	1:3,369,000	81100370640	P	N
CORNER POINT COORDINATES=#1:N49D17M18S W111D59M20S,#2:N49D39M20S W114D26M42S,#3:N48D07M30S W115D34M35S,#4:N47D46M14S W112D41M23S											
LANDSAT-2 (MSS)	8210417454500	B&W-02.1"	5855*	90%		05/06/75	N48D17M00S W113D22M00S	1:3,369,000	82100051043	P	N
CORNER POINT COORDINATES=#1:N48D50M28S W111D48M29S,#2:N49D13M22S W114D13M35S,#3:N47D42M20S W114D53M31S,#4:N47D20M15S W112D3[illegible]M23S											
LANDSAT-2 (MSS)	9206917[illegible]500	B&W-02.1"	8885*	80%		03/31/75	N48D56M00S W113D01M00S	1:3,369,000	82100030303	P	N
CORNER POINT COORDINATES #1:N49D28M54S W111D27M35S,#2:N49D51M44S W113D52M34S,#3:N48D21M54S W114D32M25S,#4:N47D59M52S W112D14M26S											
LANDSAT-1 (MSS)	8197217393500	B&W-02.1"	5552*	90%		03/22/75	N48D53M00S W113D27M00S	1:3,369,000	81100360756	P	N
CORNER POINT COORDINATES=#1:N49D26M08S W111D53M23S,#2:N49D48M44S W114D18M42S,#3:N48D18M40S W114D38M37S,#4:N47D56M53S W112D37M10S											
LANDSAT-2 (MSS)	8205017455500	B&W-02.1"	5828*	70%		03/13/75	N48D55M00S W113D03M00S	1:3,369,000	82100020423	P	N
CORNER POINT COORDINATES=#1:N49D27M59S W111D29M21S,#2:N49D50M54S W113D54M41S,#3:N48D20M49S W114D34M38S,#4:N47D58M43S W112D13M19S											
LANDSAT-1 (MSS)	8195417432500	B&W-02.1"	8858*	10%		03/04/75	N48D52M00S W113D25M00S	1:3,369,000	81100350780	P	N
CORNER POINT COORDINATES=#1:N49D25M01S W111D51M17S,#2:N49D48M01S W114D16M43S,#3:N48D17M46S W114D56M42S,#4:N47D55M35S W112D35M17S											
LANDSAT-1 (MSS)	8193617411500	B&W-02.1"	5885*	70%		02/14/75	N48D54M00S W113D23M00S	1:3,369,000	81100340376	P	N
CORNER POINT COORDINATES=#1:N49D27M13S W111D48M39S,#2:N49D50M23S W114D15M05S,#3:N48D19M34S W114D55M18S,#4:N47D57M14S W112D32M57S											
LANDSAT-2 (MSS)	8201617430500	B&W-02.1"	5888*	00%		02/05/75	N49D18M00S W112D40M00S	1:3,369,000	82100010210	P	N
CORNER POINT COORDINATES=#1:N49D51M23S W111D03M58S,#2:N50D15M12S W113D33M04S,#3:N48D43M24S W114D13M55S,#4:N48D20M23S W111D49M04S											
LANDSAT-1 (MSS)	8190317424500	B&W-02.1"	5855*	80%		01/09/75	N48D43M00S W113D22M00S	1:3,369,000	81100330813	P	N
CORNER POINT COORDINATES=#1:N49D21M27S W111D47M08S,#2:N49D44M48S W114D14M23S,#3:N48D13M19S W114D54M48S,#4:N47D50M48S W112D31M40S											
LANDSAT-1 (MSS)	8188217433500	B&W-02.1"	8555*	90%		12/22/74	N48D46M00S W113D24M00S	1:3,369,000	81100330020	P	N
CORNER POINT COORDINATES=#1:N49D19M33S W111D49M30S,#2:N49D42M25S W114D16M12S,#3:N48D11M17S W114D56M20S,#4:N47D49M11S W112D33M50S											

CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/LAS

DATA TYPE LANDSAT

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                                                                                                                                                                  BIP2
  IMAGERY-TYPE          SCENE ID          FILM-SOURCE QUALITY CLOUD EXPO DATE   SCENE-CENTER-POINT     SCENE-SCALE    MICROFORM  COL CCT

PATH= 44  ROW= 26  LANDSAT
 LANDSAT-1 (MSS)      8186417461500     B&W-02.1"    5555*   90%  12/04/74  N48D47M00S W113D25M00S  1:3,369,000  81100320788  P   N
  CORNER POINT COORDINATES=#1:N49D20M21S W111D51M02S,#2:N49D42M58S W114D16M51S,#3:N48D12M26S W114D56M55S,#4:N47D50M38S W112D35M07S

 LANDSAT-1 (MSS)      8184617465500     B&W-02.1"    8855*   60%  11/16/74  N49D52M00S W113D20M00S  1:3,369,000  81100320168  P   N
  CORNER POINT COORDINATES=#1:N49D24M59S W111D46M26S,#2:N49D47M56S W114D11M33S,#3:N48D17M50S W114D51M34S,#4:N47D55M40S W112D30M22S

 LANDSAT-1 (MSS)      8182917454500     B&W-02.1"    3888*   10%  10/29/74  N48D52M00S W113D19M00S  1:3,369,000  81100310293  P   N
  CORNER POINT COORDINATES=#1:N49D24M56S W111D45M25S,#2:N49D48M01S W114D10M39S,#3:N48D17M52S W114D50M35S,#4:N47D55M36S W112D29M22S

 LANDSAT-1 (MSS)      8181017460500     B&W-02.1"    5888*   60%  10/11/74  N48D52M00S W113D17M00S  1:3,369,000  81100301273  P   N
  CORNER POINT COORDINATES=#1:N49D25M13S W111D42M49S,#2:N49D48M07S W114D09M01S,#3:N48D17M29S W114D49M09S,#4:N47D55M29S W112D27M01S

 LANDSAT-1 (MSS)      8179217461500     B&W-02.1"    8888*   00%  09/23/74  N48D45M00S W113D19M00S  1:3,369,000  81100300489  P   N
  CORNER POINT COORDINATES=#1:N49D18M51S W111D44M18S,#2:N49D41M09S W114D11M21S,#3:N48D09M55S W114D51M37S,#4:N47D48M27S W112D28M41S

 LANDSAT-1 (MSS)      8177617470500     B&W-02.1"    8888*   70%  09/05/74  N48D44M00S W113D21M00S  1:3,369,000  81100290853  P   N
  CORNER POINT COORDINATES=#1:N49D17M55S W111D46M05S,#2:N49D40M20S W114D13M25S,#3:N48D08M51S W114D53M50S,#4:N47D47M15S W112D30M34S

 LANDSAT-1 (MSS)      8175617474500     B&W-02.1"    8888*   20%  08/18/74  N48D41M00S W113D27M00S  1:3,369,000  81100280017  P   N
  CORNER POINT COORDINATES=#1:N49D15M19S W111D53M32S,#2:N49D37M09S W114D20M35S,#3:N48D05M29S W114D58M24S,#4:N47D44M26S W112D35M29S

 LANDSAT-1 (MSS)      8173517432500     B&W-02.1"    8888*   00%  07/31/74  N48D47M00S W113D24M00S  1:3,369,000  81100270982  P   N
  CORNER POINT COORDINATES=#1:N49D20M57S W111D50M59S,#2:N49D42M57S W114D17M18S,#3:N48D11M51S W114D54M58S,#4:N47D50M35S W112D32M49S

 LANDSAT-1 (MSS)      8172317470500     B&W-02.1"    8888*   10%  07/13/74  N48D51M46S W113D24M54S  1:3,369,000  81100270049  6   N
  CORNER POINT COORDINATES=#1:N49D25M34S W111D51M52S,#2:N49D47M16S W114D17M39S,#3:N48D16M43S W114D55M54S,#4:N47D55M53S W112D34M11S

 LANDSAT-1 (MSS)      8170217494500     B&W-02.1"    8888*   10%  06/25/74  N48D55M12S W113D26M09S  1:3,369,000  81100260953  P   N
  CORNER POINT COORDINATES=#1:N49D29M07S W111D53M13S,#2:N49D50M33S W114D19M08S,#3:N48D20M07S W114D57M02S,#4:N47D59M26S W112D35M12S

 LANDSAT-1 (MSS)      8168417531500     B&W-02.1"    8888*   90%  06/07/74  N48D55M09S W113D24M17S  1:3,369,000  81100251376  P   N
  CORNER POINT COORDINATES=#1:N49D28M59S W111D50M45S,#2:N49D50M53S W114D17M13S,#3:N48D20M09S W114D55M45S,#4:N47D59M01S W112D33M26S

 LANDSAT-1 (MSS)      8166617534500     B&W-02.1"    3288*   90%  05/20/74  N48D52M41S W113D22M31S  1:3,369,000  81100250491  P   N
  CORNER POINT COORDINATES=#1:N49D26M28S W111D48M16S,#2:N49D48M59S W114D15M22S,#3:N48D17M40S W114D54M43S,#4:N47D56M02S W112D31M43S

 LANDSAT-1 (MSS)      8164517511500     B&W-02.1     8888*   70%  05/02/74  N48D48M54S W113D24M33S  1:3,369,000  81100240923  P   N
  CORNER POINT COORDINATES=#1:N49D22M57S W111D[illegible]06S,#2:N49D45M18S W114D17M43S,#3:N48D13M38S W114D56M56S,#4:N47D52M05S W112D33M28S

 LANDSAT-1 (MSS)      8163317514500     B&W-02.[illegible]  2822*   20%  04/14/74  N48D45M09S W113D24M58S  1:3,369,000  81100240092  P   N
  CORNER POINT COORDINATES=#1:N49D19M03S W111D5[illegible]07S,#2:N49D41M23S W114D17M24S,#3:N48D1[illegible]M01S W114D37M43S,#4:N47D48M30S W112D34M34S

 LANDSAT-1 (MSS)      8161217521500     B&W-02.1"    2322*   10%  03/27/74  N48D49M04S W113D19M22S  1:3,369,000  81100221459  P   N
  CORNER POINT COORDINATES=#1:N49D22M43S W111D45M19S,#2:N49D45M15S W114D11M53S,#3:N48D14M16S W114D51M22S,#4:N47D52M29S W112D28M56S

 LANDSAT-1 (MSS)      8159417523500     B&W-02.1"    8828*   70%  03/09/74  N48D52M39S W113D15M41S  1:3,369,000  100220399  P   N
  CORNER POINT COORDINATES=#1:N49D25M59S W111D42M04S,#2:N49D48M30S W114D07M49S,#3:N48D18M06S W114D47M[illegible]S,#4:N47D[illegible]M23S W112D25M33S
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CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	BIP2 CCT
PATH= 44 ROW= 26 LANDSAT											
LANDSAT-1 (MSS)	8157617524500	B&W-02.1"	2222	90%		02/19/74	N48D55M43S W113D11M44S	1:3,369,000	B1100220041	P	N
CORNER POINT COORDINATES=#1:N49D28M57S W111D38M14S,#2:N49D51M27S W114D03M43S,#3:N48D21M18S W114D63M13S,#4:N47D59M35S W112D21M44S											
LANDSAT-1 (MSS)	8155817530500	B&W-02.1"	8022	90%		02/01/74	N48D54M24S W113D10M12S	1:3,369,000	B1100200929	P	N
CORNER POINT COORDINATES=#1:N49D27M21S W111D36M27S,#2:N49D49M59S W114D02M17S,#3:N48D19M35S W114D41M55S,#4:N47D57M45S W112D20M08S											
LANDSAT-1 (MSS)	8154017533500	B&W-02.1"	2022	90%		01/14/74	N48D46M26S W113D16M03S	1:3,369,000	B1100200273	P	N
CORNER POINT COORDINATES=#1:N49D17M44S W111D41M52S,#2:N49D40M48S W114D08M02S,#3:N48D09M54S W114D48M12S,#4:N47D47M40S W112D26M05S											
LANDSAT-1 (MSS)	8152217542500	B&W-02.1"	8828	90%		12/27/73	N48D44M26S W113D17M22S	1:3,369,000	B1100190612	P	N
CORNER POINT COORDINATES=#1:N49D17M52S W111D42M38S,#2:N49D41M08S W114D09M34S,#3:N48D09M47S W114D08M03S,#4:N47D47M21S W112D27M13S											
LANDSAT-1 (MSS)	8150417544500	B&W-02.1"	8888	40%		12/09/73	N48D39M15S W113D21M01S	1:3,369,000	B1100180976	P	N
CORNER POINT COORDINATES=#1:N49D12M52S W111D46M30S,#2:N49D35M54S W114D13M22S,#3:N48D04M25S W114D53M29S,#4:N47D42M13S W112D30M43S											
LANDSAT-1 (MSS)	8148617545500	B&W-02.1"	8888	60%		11/21/73	N48D39M14S W113D19M06S	1:3,369,000	B1100180269	P	N
CORNER POINT COORDINATES=#1:N49D12M42S W111D45M00S,#2:N49D35M39S W114D13M12S,#3:N48D04M34S W114D51M11S,#4:N47D42M26S W112D29M02S											
LANDSAT-1 (MSS)	8146817550500	B&W-02.1"	8225	80%		11/03/73	N48D49M05S W113D12M06S	1:3,369,000	B1100161652	P	N
CORNER POINT COORDINATES=#1:N49D22M20S W111D38M18S,#2:N49D45M08S W114D06M02S,#3:N48D14M38S W114D43M53S,#4:N47D52M38S W112D22M10S											
LANDSAT-1 (MSS)	8145317551500	B&W-02.1"	2022	80%		10/16/73	N48D55M04S W113D09M43S	1:3,369,000	B1100160663	P	N
CORNER POINT COORDINATES=#1:N49D28M12S W111D36M09S,#2:N49D50M53S W114D01M36S,#3:N48D20M44S W114D41M17S,#4:N47D58M52S W112D19M52S											
LANDSAT-1 (MSS)	8143217554500	B&W-02.1"	2202	30%		09/28/73	N48D53M12S W113D15M02S	1:3,369,000	B1100151143	P	N
CORNER POINT COORDINATES=#1:N49D26M29S W111D41M29S,#2:N49D49M01S W114D07M05S,#3:N48D18M44S W114D46M34S,#4:N47D57M00S W112D25M00S											
LANDSAT-1 (MSS)	8141417561500	B&W-02.1"	8228	00%		09/10/73	N48D51M13S W113D20M20S	1:3,369,000	B1100180017	P	N
CORNER POINT COORDINATES=#1:N49D24M51S W111D46M28S,#2:N49D47M14S W114D12M53S,#3:N48D16M23S W114D32M10S,#4:N47D54M47S W112D29M49S											
LANDSAT-1 (MSS)	8139617563500	B&W-02.1"	8888	40%		08/23/73	N48D46M57S W113D25M58S	1:3,369,000	B1100140665	2	N
CORNER POINT COORDINATES=#1:N49D20M59S W111D51M50S,#2:N49D43M12S W114D19M04S,#3:N48D11M42S W114D58M02S,#4:N47D50M18S W112D34M56S											
LANDSAT-1 (MSS)	8137817564500	B&W-02.1"	8222	60%		08/05/73	N48D49M29S W113D27M42S	1:3,369,000	B1100160603	P	N
CORNER POINT COORDINATES=#1:N49D23M43S W111D53M24S,#2:N49D45M46S W114D21M12S,#3:N48D14M00S W114D39M56S,#4:N47D52M46S W112D36M18S											
LANDSAT-1 (MSS)	8136317570500	B&W-02.1"	8888	10%		07/18/73	N48D46M18S W113D27M06S	1:3,369,000	B1100130288	P	N
CORNER POINT COORDINATES=#1:N49D20M14S W111D52M57S,#2:N49D42M34S W114D20M01S,#3:N48D11M09S W114D59M11S,#4:N47D49M39S W112D36M14S											
LANDSAT-1 (MSS)	8134217571500	B&W-02.1"	8888	50%		06/30/73	N48D51M58S W113D30M54S	1:3,369,000	B1100121083	4	N
CORNER POINT COORDINATES=#1:N49D26M10S W111D57M34S,#2:N49D47M37S W114D24M17S,#3:N48D16M35S W115D02M10S,#4:N47D55M55S W112D39M36S											
LANDSAT-1 (MSS)	8132617573500	B&W-02.1"	8828	70%		06/12/73	N48D50M58S W113D28M23S	1:3,369,000	B1100111421	P	N
CORNER POINT COORDINATES=#1:N49D24M43S W111D55M03S,#2:N49D46M40S W114D21M05S,#3:N48D16M02S W114D59M41S,#4:N47D54M53S W112D37M44S											
LANDSAT-1 (MSS)	8130617574500	B&W-02.1"	8888	90%		05/25/73	N48D57M08S W113D24M51S	1:3,369,000	B1100110578	P	N
CORNER POINT COORDINATES=#1:N49D30M35S W111D51M25S,#2:N49D52M46S W114D17M12S,#3:N48D22M29S W114D36M10S,#4:N48D01M05S W112D34M30S											

CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/LAS

DATA TYPE LANDSAT

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IMAGERY-TYPE          SCENE  ID      FILM-SOURCE QUALITY CLOUD EXPO-DATE   SCENE-CENTER-POINT     SCENE-SCALE    MICROFORM  CQL  CCT
PATH= 44  ROW= 26  LANDSAT
LANDSAT-1 (MSS)       812881757550D    B&W-02.1"    8888*   50%  05/07/73  N49D00M57S W113D22M59S  1:3,369,000  81100110056  6    N
CORNER POINT COORDINATES=#1:N49D34M28S W111D48M57S,#2:N49D56M54S W114D15M32S,#3:N48D26M15S W114D54M58S,#4:N48D04M36S W112D32M28S

LANDSAT-1 (MSS)       812781759050D    B&W-02.1"    8888*   80%  04/19/73  N48D53M17S W113D28M01S  1:3,369,000  81100100451  6    N
CORNER POINT COORDINATES=#1:N49D27M12S W111D53M67S,#2:N49D49M29S W114D21M05S,#3:N48D18M09S W113D00M11S,#4:N47D56M41S W112D37M03S

LANDSAT-1 (MSS)       812521759050D    B&W-02.1"    8888*   70%  04/01/73  N48D51M13S W113D25M42S  1:3,369,000  81100091266  4    N
CORNER POINT COORDINATES=#1:N49D25M06S W111D51M01S,#2:N49D47M44S W114D18M41S,#3:N48D16M07S W114D58M18S,#4:N47D54M18S W112D34M48S

LANDSAT-1 (MSS)       812361759050D    B&W-02.1"    8888*   30%  03/14/73  N48D45M43S W113D24M34S  1:3,369,000  81100090345  P    N
CORNER POINT COORDINATES=#1:N49D19M27S W111D50M05S,#2:N49D42M13S W114D17M12S,#3:N48D16M46S W114D57M00S,#4:N47D48M49S W112D33M59S

LANDSAT-1 (MSS)       812161757550D    B&W-02.1"    8088*   70%  02/24/73  N48D50M56S W113D18M54S  1:3,369,000  81100090068  P    N
CORNER POINT COORDINATES=#1:N49D24M24S W111D44M43S,#2:N49D47M10S W114D11M14S,#3:N48D16M14S W114D51M02S,#4:N47D54M18S W112D28M36S

LANDSAT-1 (MSS)       811981757450D    B&W-02.1"    8888*   00%  02/06/73  N48D53M50S W113D12M51S  1:3,369,000  81100070660  P    N
CORNER POINT COORDINATES=#1:N49D27M01S W111D39M04S,#2:N49D49M47S W114D04M47S,#3:N48D19M27S W114D44M36S,#4:N47D57M29S W112D22M56S

LANDSAT-1 (MSS)       811801757250D    B&W-02.1"    8888*   30%  01/19/73  N48D57M29S W113D06M05S  1:3,369,000  81100070064  P    N
CORNER POINT COORDINATES=#1:N49D30M35S W111D32M24S,#2:N49D53M18S W113D57M57S,#3:N48D23M18S W114D37M45S,#4:N48D01M15S W112D16M14S

LANDSAT-1 (MSS)       811621757250D    B&W-02.1"    8888*   90%  01/01/73  N48D46M38S W113D10M37S  1:3,369,000  81100062794  P    N
CORNER POINT COORDINATES=#1:N49D19M49S W111D36M58S,#2:N49D42M38S W114D02M25S,#3:N48D12M15S W114D42M15S,#4:N47D50M14S W112D20M50S

LANDSAT-1 (MSS)       811461757450D    B&W-02.1"    8888*   40%  12/14/72  N48D41M05S W113D13M24S  1:3,369,000  81100060229  P    N
CORNER POINT COORDINATES=#1:N49D14M11S W111D39M07S,#2:N49D37M35S W114D05M02S,#3:N48D06M45S W114D45M41S,#4:N47D44M11S W112D23M47S

LANDSAT-1 (MSS)       811081757350D    B&W-02.1"    8888*   20%  11/08/72  N48D40M27S W113D14M39S  1:3,369,000  81100041491  P    N
CORNER POINT COORDINATES=#1:N49D13M53S W111D39M57S,#2:N49D37M12S W114D06M43S,#3:N48D05M49S W114D47M19S,#4:N47D43M17S W112D24M37S

LANDSAT-1 (MSS)       810930757150D    B&W-02.1"    8888*   60%  10/21/72  N48D44M51S W113D11M36S  1:3,369,000  81100040882  P    N
CORNER POINT COORDINATES=#1:N49D18M14S W111D37M16S,#2:N49D41M17S W114D03M42S,#3:N48D10M15S W114D43M54S,#4:N47D48M01S W112D21M32S

LANDSAT-1 (MSS)       810721756550D    B&W-02.1"    8888*   10%  10/03/72  N48D50M58S W113D06M19S  1:3,369,000  81100040089  P    N
CORNER POINT COORDINATES=#1:N49D24M13S W111D32M27S,#2:N49D47M01S W113D58M13S,#3:N48D16M31S W114D38M08S,#4:N47D54M32S W112D16M21S

LANDSAT-1 (MSS)       810541756550D    B&W-02.1"    8828*   90%  09/15/72  N48D44M40S W113D09M51S  1:3,369,000  81100020495  P    N
CORNER POINT COORDINATES=#1:N49D17M47S W111D36M30S,#2:N49D40M31S W114D01M30S,#3:N48D10M20S W114D41M12S,#4:N47D48M25S W112D20M12S

LANDSAT-1 (MSS)       810361755550D    B&W-02.1"    8888*   30%  08/28/72  N48D43M16S W113D13M56S  1:3,369,000  81100011677  P    N
CORNER POINT COORDINATES=#1:N49D16M31S W111D40M37S,#2:N49D39M07S W114D05M45S,#3:N48D08M49S W114D45M15S,#4:N47D47M01S W112D24M07S

LANDSAT-1 (MSS)       810181756550D    B&W-02.1"    8888*   00%  08/10/72  N48D32M28S W113D16M18S  1:3,369,000  81100011093  P    N
CORNER POINT COORDINATES=#1:N49D05M36S W111D42M33S,#2:N49D28M48S W114D07M46S,#3:N47D58M08S W114D48M04S,#4:N47D35M45S W112D26M49S

PATH= 44  ROW= 27  LANDSAT
LANDSAT-2 (MSS)       360761715550D    B&W-02.1"    8888*   10%  01/02/78  N47D21M00S W113D32M00S  1:3,369,000  =0000000003  P    N
CORNER POINT COORDINATES=#1:N47D54M39S W112D20M13S,#2:N48D17M20S W114D42M51S,#3:N46D46M12S W115D21M54S,#4:N46D24M17S W113D03M03S
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CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/LAS

DATA TYPE LANDSAT

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IMAGERY-TYPE          SCENE ID        FILM-SOURCE QUALITY CLOUD EXPO DATE   SCENE-CENTER-POINT     SCENE-SCALE    MICROFORM  COL  BIPZ CCT

PATH= 44  ROW= 27  LANDSAT
LANDSAT-2 (MSS)       9605817160500   B&W-02.1"   8888*   90%  12/15/77  N47023M00S W113D54M00S  1:3,369,000  82100370677  P   N
CORNER POINT COORDINATES=#1:N47D56M54S W112D21M52S,#2:N48D19M32S W114D45M17S,#3:N46D47M56S W115D24M13S,#4:N46D26M05S W113D04M38S

LANDSAT-2 (MSS)       8602217172500   B&W-02.1"   8888*   70%  11/09/77  N47021M00S W113D58M00S  1:3,369,000  0000000000   P   N
CORNER POINT COORDINATES=#1:N47D56M39S W112D26M28S,#2:N48D17M10S W114D44M49S,#3:N46D46M12S W115D27M38S,#4:N46D24M27S W113D09M04S

LANDSAT-2 (MSS)       8600417182500   B&W-02.1"   8588*   10%  10/22/77  N47D24M00S W113D56M00S  1:3,369,000  0000000000   P   N
CORNER POINT COORDINATES=#1:N47D57M23S W112D25M14S,#2:N48D19M38S W114D46M36S,#3:N46D49M24S W115D24M54S,#4:N46D27M59S W113D07M18S

LANDSAT-2 (MSS)       8299617192500   B&W-02.1"   8888*   10%  10/04/77  N47D30M00S W113D54M00S  1:3,369,000  0000000000   P   N
CORNER POINT COORDINATES=#1:N48D03M24S W112D23M29S,#2:N48D25M23S W114D44M36S,#3:N46D55M28S W115D22M40S,#4:N46D34M14S W113D05M18S

LANDSAT-2 (MSS)       8296817232500   B&W-02.1"   888M*   80%  09/16/77  N47D30M00S W113D53M00S  1:3,369,000  82100341216  P   N
CORNER POINT COORDINATES=#1:N48D03M23S W112D22M06S,#2:N48D25M37S W114D43M36S,#3:N46D55M27S W115D22M02S,#4:N46D34M00S W113D04M16S

LANDSAT-2 (MSS)       8295317212500   B&W-02.1"   8888*   80%  08/29/77  N47D26M00S W113D57M00S  1:3,369,000  82100340308  P   N
CORNER POINT COORDINATES=#1:N47D59M54S W112D25M36S,#2:N48D21M58S W114D46M15S,#3:N46D50M57S W115D26M28S,#4:N46D29M39S W113D07M38S

LANDSAT-1 (MSS)       8585116335500   B&W-02.1"   *888*   00%  08/17/77  N47D27M00S W114D09M00S  1:3,369,000  81100620105  P   N
CORNER POINT COORDINATES=#1:N48D01M32S W112D38M16S,#2:N48D22M31S W115D01M10S,#3:N46D51M20S W115D37M48S,#4:N46D31M05S W113D18M45S

LANDSAT-1 (MSS)       8583316354500   B&W-02.1"   M888*   10%  07/30/77  N47D27M00S W114D11M00S  1:3,369,000  81100610234  P   N
CORNER POINT COORDINATES=#1:N48D01M45S W112D39M54S,#2:N48D22M44S W115D03M29S,#3:N46D51M07S W115D40M09S,#4:N46D30M51S W113D20M27S

LANDSAT-2 (MSS)       8287817251500   B&W-02.1"   8888*   10%  06/18/77  N47D24M00S W113D55M00S  1:3,369,000  82100311576  P   N
CORNER POINT COORDINATES=#1:N47D57M23S W112D23M55S,#2:N48D19M51S W114D45M28S,#3:N46D49M29S W115D24M13S,#4:N46D27M46S W113D06M24S

LANDSAT-1 (MSS)       8577916411500   B&W-02.1"   M888*   10%  06/06/77  N47D25M00S W114D14M00S  1:3,369,000  81100590423  P   N
CORNER POINT COORDINATES=#1:N47D59M23S W112D43M31S,#2:N48D20M23S W115D05M53S,#3:N46D49M29S W115D42M34S,#4:N46D29M13S W113D24M01S

LANDSAT-2 (MSS)       8286017260500   B&W-02.1"   5588*   50%  05/31/77  N47D30M00S W113D54M00S  1:3,369,000  82100310771  P   N
CORNER POINT COORDINATES=#1:N48D03M20S W112D23M23S,#2:N48D25M28S W114D44M29S,#3:N46D55M32S W115D22M45S,#4:N46D34M10S W113D05M22S

LANDSAT-2 (MSS)       8284217270500   B&W-02.1"   8888*   40%  05/13/77  N47D31M00S W113D54M00S  1:3,369,000  82100300753  P   N
CORNER POINT COORDINATES=#1:N48D04M23S W112D23M17S,#2:N48D26M30S W114D46M37S,#3:N46D56M28S W115D22M51S,#4:N46D35M07S W113D05M19S

LANDSAT-1 (MSS)       3574316443500   B&W-02.1"   M885*   10%  05/01/77  N47D31M00S W114D07M00S  1:3,369,000  81100580071  P   N
CORNER POINT COORDINATES=#1:N48D05M07S W112D36M31S,#2:N48D26M18S W114D58M37S,#3:N46D55M45S W115D35M34S,#4:N46D35M18S W113D17M16S

LANDSAT-2 (MSS)       8282417290500   B&W-02.1"   5888*   00%  04/25/77  N47D27M00S W113D57M00S  1:3,369,000  82100291492  P   N
CORNER POINT COORDINATES=#1:N48D00M33S W112D25M40S,#2:N48D22M57S W114D47M50S,#3:N46D52M16S W115D26M26S,#4:N46D30M40S W113D08M03S

LANDSAT-1 (MSS)       3572316461500   B&W-02.1"   M888*   90%  04/13/77  N47D28M00S W114D10M00S  1:3,369,000  81100570046  P   N
CORNER POINT COORDINATES=#1:N48D02M34S W112D39M25S,#2:N48D23M23S W115D02M12S,#3:N46D52M18S W115D38M39S,#4:N46D32M13S W113D19M42S

LANDSAT-2 (MSS)       8280617290500   B&W-02.1"   8888*   00%  04/07/77  N47D24M00S W114D00M00S  1:3,369,000  82100290728  P   N
CORNER POINT COORDINATES=#1:N47D57M59S W112D28M05S,#2:N48D20M20S W114D51M23S,#3:N46D48M52S W115D30M00S,#4:N46D27M16S W113D10M32S
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CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	BIP2 CCT
PATH= 44 ROW= 27 LANDSAT											
LANDSAT-1 (MSS)	9567116510500	B&W-02.1"	8888*	20%		02/18/77	N47D23M00S W114D04M00S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N47D57M21S W112D32M44S,#2:N48D16M55S W114D55M54S,#3:N46D47M30S W115D33M20S,#4:N46D26M41S W113D14M03S											
LANDSAT-2 (MSS)	9275217313500	B&W-02.1"	5008*	90%		02/12/77	N47D23M00S W113D59M00S	1:3,369,000	8210027054	P	N
CORNER POINT COORDINATES=#1:N47D56M39S W112D27M51S,#2:N48D18M54S W114D49M53S,#3:N48D48M13S W115D28M16S,#4:N46D26M45S W113D10M03S											
LANDSAT-2 (MSS)	8273417321500	B&W-02.1"	8588*	30%		01/25/77	N47D28M00S W113D55M00S	1:3,369,000	8210026085	P	N
CORNER POINT COORDINATES=#1:N48D31M17S W112D24M17S,#2:N48D23M34S W114D45M23S,#3:N46D53M35S W115D23M51S,#4:N46D32M04S W113D06M28S											
LANDSAT-2 (MSS)	9271617325500	B&W-02.1"	8888*	80%		01/07/77	N47D29M00S W113D53M00S	1:3,369,000	8210026029	P	N
CORNER POINT COORDINATES=#1:N48D02M35S W112D22M20S,#2:N48D24M31S W114D43M22S,#3:N46D54M37S W115D21M49S,#4:N46D33M06S W113D04M30S											
LANDSAT-2 (MSS)	8269817333500	B&W-02.1"	8888*	20%		12/20/76	N47D29M00S W113D53M00S	1:3,369,000	8210025142	P	N
CORNER POINT COORDINATES=#1:N48D02M31S W112D21M50S,#2:N48D24M48S W114D43M45S,#3:N46D54M21S W115D22M17S,#4:N46D32M49S W113D04M00S											
LANDSAT-2 (MSS)	9268017341500	B&W-02.1"	5888*	60%		12/02/76	N47D23M00S W113D56M00S	1:3,369,000	8210025040	P	N
CORNER POINT COORDINATES=#1:N47D54M38S W112D24M13S,#2:N48D19M18S W114D47M03S,#3:N46D48M03S W115D23M53S,#4:N46D26M19S W113D06M48S											
LANDSAT-2 (MSS)	35[illegible]17033500	B&W-02.1"	0888*	20%		09/30/76	N47D25M00S W114D00M00S	1:3,369,000	8110054007	P	N
CORNER POINT COORDINATES=#1:N47D59M49S W112D38M24S,#2:N48D20M26S W115D01M31S,#3:N46D49M03S W115D07M39S,#4:N46D29M10S W113D18M25S											
LANDSAT-2 (MSS)	9260817365500	B&W-02.1"	8888*	00%		09/21/76	N47D24M00S W113D56M00S	1:3,369,000	8210022127	6	V
CORNER POINT COORDINATES=#1:N47D57M23S W112D25M16S,#2:N48D19M37S W114D46M27S,#3:N46D49M29S W115D26M52S,#4:N46D28M00S W113D07M26S											
LANDSAT-1 (MSS)	3551217050500	B&W-02.1"	8888*	80%		09/12/76	N47D24M00S W114D07M00S	1:3,369,000	8110053038	P	N
CORNER POINT COORDINATES=#1:N47D58M19S W112D36M47S,#2:N48D19M16S W114D58M45S,#3:N46D48M34S W115D35M19S,#4:N46D28M22S W113D17M08S											
LANDSAT-2 (MSS)	8259017372500	B&W-02.1"	9888*	10%		09/03/76	N47D31M00S W113D51M00S	1:3,369,000	8210022040	P	N
CORNER POINT COORDINATES=#1:N48D04M12S W112D20M17S,#2:N48D26M30S W114D41M13S,#3:N46D56M40S W115D19M52S,#4:N46D35M07S W113D02M34S											
LANDSAT-2 (MSS)	9257217375500	B&W-02.1"	8888*	70%		08/16/76	N47D28M00S W113D51M00S	1:3,369,000	8210021163	P	N
CORNER POINT COORDINATES=#1:N48D01M16S W112D19M56S,#2:N48D23M47S W114D41M23S,#3:N46D53M35S W115D20M12S,#4:N46D31M50S W115D02M29S											
LANDSAT-1 (MSS)	9547617050500	B&W-02.1"	8088*	40%		08/07/76	N47D27M00S W114D07M00S	1:3,369,000	8110052033	P	N
CORNER POINT COORDINATES=#1:N48D01M13S W112D36M41S,#2:N48D22M16S W114D58M41S,#3:N46D51M40S W115D35M25S,#4:N46D31M20S W113D17M12S											
LANDSAT-2 (MSS)	8255617393500	B&W-02.1"	8888*	10%		07/29/76	N47D25M00S W113D53M00S	1:3,369,000	8210021036	P	N
CORNER POINT COORDINATES=#1:N47D58M40S W112D21M20S,#2:N48D21M11S W114D43M56S,#3:N46D50M11S W115D22M46S,#4:N46D28M26S W113D03M57S											
LANDSAT-1 (MSS)	3545817093500	B&W-02.1"	9888*	30%		07/20/76	N47D27M00S W114D11M00S	1:3,369,000	8110051055	P	N
CORNER POINT COORDINATES=#1:N48D01M43S W112D40M21S,#2:N48D22M27S W115D03M25S,#3:N46D51M10S W115D39M43S,#4:N46D31M09S W113D20M30S											
LANDSAT-1 (MSS)	8544017110500	B&W-02.1"	8888*	10%		07/02/76	N47D25M00S W114D13M00S	1:3,369,000	8110051019	P	N
CORNER POINT COORDINATES=#1:N47D59M56S W112D41M53S,#2:N48D20M44S W115D05M42S,#3:N46D48M56S W115D42M09S,#4:N46D28M51S W113D22M15S											
LANDSAT-2 (MSS)	8248217432500	B&W-02.1"	8888*	20%		05/18/76	N47D22M00S W113D52M00S	1:3,369,000	8210018121	P	N
CORNER POINT COORDINATES=#1:N47D55M33S W112D21M09S,#2:N48D17M44S W114D42M35S,#3:N46D47M22S W115D22M39S,#4:N46D25M54S W113D03M17S											

CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	BIP2 CCT
PATH= 44 ROW= 27 LANDSAT											
LANDSAT-2 (MSS)	9246617435500	B&W-02.1"	8888*	00%		04/30/76	N47D30M00S W113D49M00S	1:3,369,000	82100180441	P	N
CORNER POINT COORDINATES=#1:N48D03M17S W112D18M22S,#2:N48D25M29S W114D39M24S,#3:N46D55M36S W115D17M47S,#4:N46D34M09S W113D00M27S											
LANDSAT-2 (MSS)	8246617412500	B&W-02.1"	3855*	10%		04/12/76	N47D34M00S W113D48M00S	1:3,369,000	82100171263	P	N
CORNER POINT COORDINATES #1:N48D07M22S W112D17M05S,#2:N48D29M35S W114D38M36S,#3:N46D59M30S W115D17M03S,#4:N46D38M03S W112D59M16S											
LANDSAT-1 (MSS)	9535317172500	B&W-02.1"	8888*	10%		04/03/76	N47D32M00S W114D02M00S	1:3,369,000	81100480345	P	N
CORNER POINT COORDINATES=#1:N48D06M06S W112D31M34S,#2:N48D27M15S W114D53M36S,#3:N46D56M46S W115D30M32S,#4:N46D36M22S W113D12M18S											
LANDSAT-2 (MSS)	8242817415500	B&W-02.1"	5855*	90%		03/25/76	N47D27M00S W113D53M00S	1:3,369,000	82100170336	P	N
CORNER POINT COORDINATES=#1:N48D00M42S W112D26M39S,#2:N48D22M58S W114D46M01S,#3:N46D52M09S W115D22M27S,#4:N46D30M39S W113D03M33S											
LANDSAT-2 (MSS)	8232317440500	B&W-02.1"	8888*	90%		12/08/75	N47D31M00S W113D46M00S	1:3,369,000	82100130773	P	N
CORNER POINT COORDINATES=#1:N48D04M09S W112D15M10S,#2:N48D26M35S W114D36M16S,#3:N46D56M43S W115D14M58S,#4:N46D35M02S W112D57M36S											
LANDSAT-2 (MSS)	8230217441500	B&W-02.1"	5555*	70%		11/20/75	N47D28M00S W113D47M00S	1:3,369,000	82100130201	P	N
CORNER POINT COORDINATES=#1:N48D01M26S W112D15M42S,#2:N48D23M55S W114D37M33S,#3:N46D53M25S W115D16M25S,#4:N46D31M43S W112D58M15S											
LANDSAT-2 (MSS)	8224817444500	B&W-02.1"	5585*	00%		09/27/75	N47D22M00S W113D46M00S	1:3,369,000	82100110253	P	N
CORNER POINT COORDINATES=#1:N47D55M53S W112D13M54S,#2:N48D18M30S W114D37M13S,#3:N46D46M57S W115D16M11S,#4:N46D25M06S W112D56M41S											
LANDSAT-2 (MSS)	8223317445500	B&W-02.1"	5585*	00%		09/09/75	N47D19M00S W113D46M00S	1:3,369,000	82100101203	P	N
CORNER POINT COORDINATES=#1:N47D52M40S W112D14M44S,#2:N48D15M02S W114D36M48S,#3:N46D44M12S W115D15M23S,#4:N46D22M34S W112D57M05S											
LANDSAT-2 (MSS)	8221217445500	B&W-02.1"	5888*	90%		08/22/75	N47D28M00S W113D39M00S	1:3,369,000	82100100453	P	N
CORNER POINT COORDINATES=#1:N48D01M12S W112D08M05S,#2:N48D23M42S W114D29M16S,#3:N46D53M40S W115D08M03S,#4:N46D31M56S W112D50M35S											
LANDSAT-1 (MSS)	9511617120500	B&W-02.1"	5555*	40%		08/13/75	N47D30M00S W113D55M00S	1:3,369,000	81100400627	P	N
CORNER POINT COORDINATES=#1:N48D03M53S W112D24M20S,#2:N48D25M28S W114D46M16S,#3:N46D54M59S W115D23M46S,#4:N46D34M09S W113D05M37S											
LANDSAT-2 (MSS)	8219417453500	B&W-02.1"	5585*	10%		08/04/75	N47D31M00S W113D44M00S	1:3,369,000	82 0008[60]	P	N
CORNER POINT COORDINATES=#1:N48D00M04S W112D13M11S,#2:N48D26M35S W114D34M07S,#3:N46D56M49S W115D12M58S,#4:N46 M02S W112D55M44S											
LANDSAT-2 (MSS)	8217617455500	B&W-02.1"	5888*	70%		07/17/75	N47D29M00S W113D50M00S	1:3,369,000	82100080015	P	N
CORNER POINT COORDINATES=#1:N48D02M21S W112D18M54S,#2:N48D24M47S W114D40M31S,#3:N46D54M30S W115D19M14S,#4:N46D32M51S W113D01M21S											
LANDSAT-1 (MSS)	3508317341500	B&W-02.1"	8888*	20%		07/08/75	N47D27M00S W114D00M00S	1:3,369,000	81100400061	P	N
CORNER POINT COORDINATES=#1:N48D00M58S W112D29M21S,#2:N48D22M30S W114D51M21S,#3:N46D51M54S W115D28M45S,#4:N46D31M07S W113D10M32S											
LANDSAT-2 (MSS)	8206817460500	B&W-02.1"	5888*	50%		03/31/75	N47D31M00S W113D38M00S	1:3,369,000	82100030306	P	N
CORNER POINT COORDINATES=#1:N48D04M15S W112D07M00S,#2:N48D26M24S W114D28M07S,#3:N46D56M37S W115D07M08S,#4:N46D35M14S W112D49M43S											
LANDSAT-1 (MSS)	3197217430500	B&W-02.1"	5555*	90%		03/22/75	N47D27M00S W114D05M00S	1:3,369,000	81100360157	P	N
CORNER POINT COORDINATES=#1:N48D00M44S W112D34M59S,#2:N48D22M35S W114D56M26S,#3:N46D52M09S W115D33M09S,#4:N46D31M02S W113D15M28S											
LANDSAT-2 (MSS)	8205317461500	B&W-02.1"	5528*	90%		03/13/75	N47D30M00S W113D40M00S	1:3,369,000	82100020424	P	N
CORNER POINT COORDINATES=#1:N48D03M18S W112D08M49S,#2:N48D25M34S W114D30M13S,#3:N46D55M34S W115D09M18S,#4:N46D34M03S W112D51M38S											

CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	BIP2 CCT
PATH= 44 ROW= 27 LANDSAT											
LANDSAT-1 (MSS)	1195617435500	B&W-02.1"	5255*	20%		03/04/75	N47027M00S W114001M00S	1:3,369,000	81100350381	P	N
CORNER POINT COORDINATES=#1:N48000M22S W112029M44S,#2:N48022M41S W114051M16S,#3:N46052M30S W115030M24S,#4:N46030M57S W113012M35S											
LANDSAT-1 (MSS)	1193617413500	B&W-02.1"	8888*	40%		02/14/75	N47029M00S W113359M00S	1:3,369,000	81100340377	P	N
CORNER POINT COORDINATES=#1:N48002M31S W112027M58S,#2:N48025M03S W114049M37S,#3:N46054M19S W115028M58S,#4:N46032M34S W113010M16S											
LANDSAT-2	[illegible]1745320[illegible]	B&W-02.2"	858**	00%		02/05/75	N47053M00S W113318M00S	1:3,369,000	82100010537	P	N
CORNER POINT COORDINATES=#1:N48029M31S W113048M27S,#2:N48052M08S W114013M37S,#3:N47015M51S W114045M28S,#4:N46053M26S W112026M28S											
LANDSAT-2 (MSS)	1201417453500	B&W-02.1"	8888*	00%		02/05/75	N47053M00S W113318M00S	1:3,369,000	82100010211	P	N
CORNER POINT COORDINATES=#1:N48026M41S W113044M30S,#2:N48049M51S W114009M36S,#3:N47018M07S W114049M31S,#4:N46055M43S W112028M24S											
LANDSAT-1 (MSS)	1190317431500	B&W-02.1"	5885*	80%		01/09/75	N47023M00S W113359M00S	1:3,369,000	81100330816	P	N
CORNER POINT COORDINATES=#1:N47056M48S W112026M35S,#2:N48019M27S W114049M56S,#3:N46048M01S W115029M29S,#4:N46026M10S W113009M58S											
LANDSAT-1 (MSS)	1188217435500	B&W-02.1"	5555*	90%		12/22/74	N47022M00S W114001M00S	1:3,369,000	81100330021	P	N
CORNER POINT COORDINATES=#1:N47055M53S W112028M53S,#2:N48018M03S W114051M47S,#3:N46046M57S W115031M12S,#4:N46025M34S W113012M06S											
LANDSAT-1 (MSS)	1185617463500	B&W-02.1"	5550*	90%		12/04/74	N47022M00S W114002M00S	1:3,369,000	81100320789	P	N
CORNER POINT COORDINATES=#1:N47055M58S W112031M37S,#2:N48017M50S W114053M39S,#3:N46046M55S W115030M30S,#4:N46025M46S W113012M15S											
LANDSAT-1 (MSS)	1184617452500	B&W-02.1"	8888*	10%		11/16/74	N47027M00S W113357M00S	1:3,369,000	81100320169	P	N
CORNER POINT COORDINATES=#1:N49030M19S W112025M51S,#2:N48022M37S W114047M12S,#3:N46052M33S W115026M17S,#4:N46031M01S W113008M39S											
LANDSAT-1 (MSS)	1182817460500	B&W-02.1"	8880*	10%		10/29/74	N47027M00S W113357M00S	1:3,369,000	81100310291	P	N
CORNER POINT COORDINATES=#1:N49030M19S W112025M50S,#2:N48022M39S W114047M12S,#3:N46052M34S W115026M17S,#4:N46030M59S W113008M39S											
LANDSAT-1 (MSS)	1181317462500	B&W-02.1"	8888*	50%		10/11/74	N47028M00S W113354M00S	1:3,369,000	81100301274	P	N
CORNER POINT COORDINATES=#1:N48031M41S W112022M15S,#2:N48023M45S W114046M35S,#3:N46053M10S W115023M51S,#4:N46031M53S W113005M18S											
LANDSAT-1 (MSS)	1172317493500	B&W-02.1"	8888*	00%		07/11/74	N47027M20S W114001M52S	1:3,369,000	81100270053	P	N
CORNER POINT COORDINATES=#1:N48001M35S W112031M39S,#2:N48022M32S W114053M36S,#3:N46051M58S W115030M12S,#4:N46031M44S W113012M02S											
LANDSAT-1 (MSS)	1170217530500	B&W-02.1"	8885*	00%		06/25/74	N47030M14S W114002M39S	1:3,369,000	81100260954	P	N
CORNER POINT COORDINATES=#1:N48054M33S W112033M31S,#2:N48025M19S W114054M33S,#3:N46054M47S W115030M54S,#4:N46034M45S W113012M43S											
LANDSAT-1 (MSS)	1168617534500	B&W-02.1"	8888*	90%		06/07/74	N47030M15S W114030M31S	1:3,369,000	81100251377	P	N
CORNER POINT COORDINATES=#1:N48034M26S W112029M47S,#2:N48025M44S W114052M13S,#3:N46054M56S W115029M20S,#4:N46034M23S W113012M42S											
LANDSAT-1 (MSS)	1166617511500	B&W-02.1"	8888*	80%		05/20/74	N47028M14S W113059M13S	1:3,369,000	81100250492	P	N
CORNER POINT COORDINATES=#1:N48032M26S W112027M48S,#2:N48024M11S W114050M39S,#3:N46052M52S W115028M46S,#4:N46030M53S W113009M23S											
LANDSAT-1 (MSS)	1164817514500	B&W-02.1"	8888*	90%		05/02/74	N47023M39S W114004M14S	1:3,369,000	81100240929	P	N
CORNER POINT COORDINATES=#1:N47054M[illegible]S W112029M36S,#2:N48020M07S W114053M17S,#3:N46048M22S W115030M55S,#4:N46027M28S W113011M06S											
LANDSAT-1 (MSS)	1161217523500	B&W-02.1"	2022*	40%		03/27/74	N47024M08S W113056M38S	1:3,369,000	81100221460	P	N
CORNER POINT COORDINATES=#1:N47058M12S W112025M25S,#2:N48020M02S W114048M08S,#3:N46048M58S W115025M37S,#4:N46027M51S W113007M03S											

CONTACT NUMBER 0004531002 TERMINAL TB3A32
BUNNER/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL.	BIP2 CCT
PATH= 44 ROW= 27 LANDSAT											
LANDSAT-1 (MSS)	815961752550	B&W-02.1"	8888*	20%		03/09/74	N47D27M28S W113D53M20S	1:3,369,000	B1100220403	P	N
CORNER POINT COORDINATES=#1:N48D31M18S W112D22M35S,#2:N48D23M02S W114D44M29S,#3:N46D52M31S W115D22M13S,#4:N46D31M31S W113D04M04S											
LANDSAT-1 (MSS)	815761753150	B&W-02.1"	8888*	90%		02/19/74	N47D30M38S W113D48M45S	1:3,369,000	B1100220042	P	N
CORNER POINT COORDINATES=#1:N48D04M17S W112D18M04S,#2:N48D26M06S W114D39M41S,#3:N46D55M52S W115D13M33S,#4:N46D34M47S W112D59M42S											
LANDSAT-1 (MSS)	815581753500	B&W-02.1"	8088*	90%		02/01/74	N47D29M24S W113D46M50S	1:3,369,000	B1100200933	P	N
CORNER POINT COORDINATES=#1:N48D02M54S W112D16M22S,#2:N48D24M45S W114D37M32S,#3:N46D54M46S W115D15M26S,#4:N46D33M40S W112D58M01S											
LANDSAT-1 (MSS)	814681755250	B&W-02.1"	8558*	40%		11/03/73	N47D24M11S W113D49M12S	1:3,369,000	B1100161653	P	N
CORNER POINT COORDINATES=#1:N47D57M52S W112D18M12S,#2:N48D19M57S W114D40M06S,#3:N46D49M21S W115D18M20S,#4:N46D28M01S W113D00M11S											
LANDSAT-1 (MSS)	814501753450	B&W-02.1"	2228*	40%		10/16/73	N47D30M41S W113D47M02S	1:3,369,000	B1100160655	P	N
CORNER POINT COORDINATES=#1:N48D04M17S W112D16M16S,#2:N48D26M12S W114D37M54S,#3:N46D55M57S W115D15M56S,#4:N46D34M47S W112D58M02S											
LANDSAT-1 (MSS)	814321755150	B&W-02.1"	8202*	00%		09/28/73	N47D28M29S W113D51M53S	1:3,369,000	B1100151144	P	Y
CORNER POINT COORDINATES=#1:N48D02M13S W112D21M08S,#2:N48D24M01S W114D42M51S,#3:N46D53M40S W115D20M46S,#4:N46D32M33S W113D02M48S											
LANDSAT-1 (MSS)	814161756350	B&W-02.1"	2828*	10%		09/10/73	N47D25M48S W113D57M04S	1:3,369,000	B1100180015	P	N
CORNER POINT COORDINATES=#1:N47D59M49S W112D26M01S,#2:N48D21M34S W114D48M23S,#3:N46D50M39S W115D26M13S,#4:N46D29M39S W113D07M33S											
LANDSAT-1 (MSS)	813961756550	B&W-02.1"	8888*	30%		08/23/73	N47D21M55S W114D02M09S	1:3,369,000	B1100140067	P	N
CORNER POINT COORDINATES=#1:N47D56M19S W112D30M48S,#2:N48D17M54S W114D56M04S,#3:N46D46M22S W115D51M35S,#4:N46D25M31S W113D12M10S											
LANDSAT-1 (MSS)	813781757150	B&W-02.1"	2828*	00%		08/05/73	N47D25M30S W114D04M42S	1:3,369,000	B1100160006	P	N
CORNER POINT COORDINATES=#1:N48D00M14S W112D33M13S,#2:N48D21M29S W114D57M09S,#3:N46D49M37S W115D34M13S,#4:N46D29M06S W113D14M11S											
LANDSAT-1 (MSS)	813421757450	B&W-02.1"	8888*	70%		06/30/73	N47D27M14S W114D07M00S	1:3,369,000	B1100121081	P	N
CORNER POINT COORDINATES=#1:N48D01M49S W112D36M24S,#2:N48D22M39S W114D59M12S,#3:N46D51M33S W115D35M41S,#4:N46D31M26S W113D16M44S											
LANDSAT-1 (MSS)	813241757550	B&W-02.1"	8828*	70%		06/12/73	N47D25M55S W114D05M00S	1:3,369,000	B1100111422	P	N
CORNER POINT COORDINATES=#1:N47D59M59S W112D34M39S,#2:N48D21M13S W114D56M26S,#3:N46D50M44S W115D33M20S,#4:N46D30M13S W113D15M28S											
LANDSAT-1 (MSS)	813061758050	B&W-02.1"	8888*	90%		05/25/73	N47D32M53S W114D01M14S	1:3,369,000	B1100110579	P	N
CORNER POINT COORDINATES=#1:N48D06M43S W112D30M34S,#2:N48D28M17S W114D52M23S,#3:N46D57M56S W115D30M00S,#4:N46D37M06S W113D11M53S											
LANDSAT-1 (MSS)	812881751500	B&W-02.1"	8088*	70%		05/07/73	N47D36M09S W113D59M38S	1:3,369,000	B1100110053	P	N
CORNER POINT COORDINATES=#1:N48D10M01S W112D28M24S,#2:N48D31M50S W114D51M01S,#3:N47D01M07S W115D28M56S,#4:N46D40M04S W113D10M08S											
LANDSAT-1 (MSS)	812731759250	B&W-02.1"	8888*	40%		04/19/73	N47D28M38S W114D04M54S	1:3,369,000	B1100100452	7	N
CORNER POINT COORDINATES=#1:N48D02M59S W112D33M30S,#2:N48D24M33S W114D58M53S,#3:N46D53M09S W115D34M21S,#4:N46D32M20S W113D14M52S											
LANDSAT-1 (MSS)	812581758250	B&W-02.1"	8888*	50%		04/01/73	N47D26M40S W114D02M25S	1:3,369,000	B1100091167	3	N
CORNER POINT COORDINATES=#1:N48D00M58S W112D30M33S,#2:N48D22M55S W114D54M17S,#3:N46D51M13S W115D32M11S,#4:N46D30M02S W113D12M28S											
LANDSAT-1 (MSS)	812341758250	B&W-02.1"	8888*	40%		03/14/73	N47D21M14S W114D01M22S	1:3,369,000	B1100090345	P	N
CORNER POINT COORDINATES=#1:N47D55M23S W112D29M00S,#2:N48D17M28S W114D52M36S,#3:N46D45M55S W115D31M08S,#4:N46D24M36S W113D11M42S											

CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	BIPZ CCT
PATH= 44 ROW= 27 LANDSAT											
LANDSAT-1 (MSS)	31216175915D0	B&W-0 .1"	8888*	20%		02/24/73	N47026M06S W113055M48S	1:3,369,000	B1100090069	P	N
CORNER POINT COORDINATES=#1:N48000M03S W1 024M25S,#2:N48022M05S W114047M03S,#3:N46051M04S W115025M17S,#4:N46029M49S W113006M27S											
LANDSAT-1 (MSS)	31198175905D0	B&W-02.1"	8888*	10%		02/06/73	N47028M35S W113049M51S	1:3,369,000	B1100070061	P	N
CORNER POINT COORDINATES=#1:N48002M13S W112018M52S,#2:N48024M17S W114040M42S,#3:N46053M31S W115018M58S,#4:N46052M30S W113000M54S											
LANDSAT-1 (MSS)	31190175745D0	B&W-02.1"	8888*	40%		01/19/73	N47032M29S W113043M13S	1:3,369,000	B1100070065	P	N
CORNER POINT COORDINATES=#1:N46003M59S W112012M20S,#2:N48028M02S W114034M03S,#3:N46057M50S W115012M13S,#4:N46036M32S W112054M19S											
LANDSAT-1 (MSS)	31162175755D0	B&W-02.1"	8888*	90%		01/01/73	N47021M42S W113047M43S	1:3,369,000	B1100060795	P	N
CORNER POINT COORDINATES=#1:N47055M19S W112016M53S,#2:N48017M29S W114038M27S,#3:N46046M57S W115016M41S,#4:N46025M36S W112058M51S											
LANDSAT-1 (MSS)	31126175905D0	B&W-02.1"	8888*	90%		11/26/72	N47020M31S W113051M21S	1:3,369,000	B1100060043	P	N
CORNER POINT COORDINATES=#1:N47054M21S W112019M23S,#2:N48016M57S W114042M28S,#3:N46045M31S W115021M23S,#4:N46023M41S W113002M08S											
LANDSAT-1 (MSS)	31090175745D0	B&W-02.1"	8888*	70%		10/21/72	N47019M58S W113047M55S	1:3,369,000	B1100040083	P	N
CORNER POINT COORDINATES=#1:N47053M42S W112016M20S,#2:N48016M10S W114038M57S,#3:N46035M06S W115017M30S,#4:N46023M21S W112058M52S											
LANDSAT-1 (MSS)	31072175715D0	B&W-02.1"	8888*	10%		10/03/72	N47025M40S W113043M08S	1:3,369,000	B1100040093	P	N
CORNER POINT COORDINATES=#1:N47059M18S W112012M03S,#2:N48021M28S W114034M03S,#3:N46050M53S W115012M21S,#4:N46029M28S W112054M09S											
LANDSAT-1 (MSS)	31056175715D0	B&W-02.1"	8888*	60%		09/15/72	N47019M52S W113046M28S	1:3,369,000	B1100020496	P	N
CORNER POINT COORDINATES=#1:N47053M22S W112015M54S,#2:N48015M27S W114037M03S,#3:N46045M15S W115015M11S,#4:N46023M55S W112057M47S											
PATH= 45 ROW= 25 LANDSAT											
LANDSAT-1 (MSS)	31451180345D0	B&W-02.1"	8505*	10%		10/17/73	N49050M35S W114011M01S	1:3,369,000	B1100160775	P	N
CORNER POINT COORDINATES=#1:N50023M29S W112035M30S,#2:N50046M33S W115009M41S,#3:N49016M27S W115044M25S,#4:N48054M13S W113020M27S											
PATH= 45 ROW= 26 LANDSAT											
LANDSAT-3 (MSS)	33012817513X0	B&W-02.1"	8888*	70%		07/11/78	N48041M13S W114036M04S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49012M01S W113010M06S,#2:N49033M37S W115024M12S,#3:N48010M25S W116030M17S,#4:N47048M49S W113049M33S											
LANDSAT-3 (MSS)	33011317317X0	B&W-02.1"	8888*	40%		06/23/78	N48040M05S W114033M36S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49010M33S W113007M41S,#2:N49032M29S W115021M44S,#3:N48009M16S W115057M47S,#4:N47047M41S W113047M06S											
LANDSAT-2 (MSS)	32123917290X0	B&W-02.1"	8858*	50%		06/14/78	N48039M43S W114032M42S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49010M32S W113006M47S,#2:N49032M07S W115020M50S,#3:N48008M55S W115056M53S,#4:N47047M19S W113046M12S											
LANDSAT-3 (MSS)	33009217510X0	B&W-02.1"	5588*	20%		06/05/78	N48039M47S W114032M56S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49010M33S W113007M02S,#2:N49032M11S W115021M06S,#3:N48008M58S W115057M07S,#4:N47047M23S W113046M27S											
LANDSAT-2 (MSS)	32122117281X0	B&W-02.1"	8888*	70%		05/27/78	N48040M08S W114033M43S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49010M57S W113007M48S,#2:N49032M32S W115021M51S,#3:N48009M20S W115057M55S,#4:N47047M44S W113047M13S											
LANDSAT-3 (RBV) 538	33007617505X0	B&W-02.3"	*8**	90%		05/18/78	N49003M00S W113050M17S	1:1,684,000	*0000000000	N	N
CORNER POINT COORDINATES=#1:N49020M23S W113005M55S,#2:N49031M54S W114017M03S,#3:N48045M39S W114034M08S,#4:N48034M06S W113024M01S											

CONTACT NUMBER 0004531002 TERMINAL TB3A32
BONNER/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	BIP2 CCT
PATH= 45 ROW= 26 LANDSAT											
LANDSAT-3 (MSS)	83007417505X0	B&W-02.1"	8888*	60%		05/18/78	N48D41M36S W114D35M46S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D11M54S W113D09M48S,#2:N49D33M30S W115D23M54S,#3:N48D10M18S W115D59M59S,#4:N47D48M42S W113D49M15S											
LANDSAT-3 (RBV) SUB	83007417505X0	B&W-02.3"	***8*	70%		05/18/78	N48D20M56S W114D09M50S	1:1,684,000	*0000000000	N	N
CORNER POINT COORDINATES=#1:N48D38M25S W113D26M11S,#2:N48D49M47S W114D36M23S,#3:N48D03M28S W114D53M00S,#4:N47D52M06S W113D43M47S											
LANDSAT-2 (MSS)	52123317272X0	B&W-02.1"	8888*	80%		05/09/78	N48D41M24S W114D36M32S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D12M12S W113D10M35S,#2:N49D33M48S W115D24M41S,#3:N48D10M36S W116D03M46S,#4:N47D49M00S W113D50M02S											
LANDSAT-3 (MSS)	83005517505X0	B&W-02.1"	5888*	60%		04/30/78	N48D41M49S W114D37M26S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D12M37S W113D11M28S,#2:N49D34M13S W115D23M36S,#3:N48D11M01S W116D01M41S,#4:N47D49M25S W113D50M56S											
LANDSAT-3 (MSS)	83005517504X0	B&W-02.1"	9225*	20%		04/12/78	N48D42M11S W114D38M06S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D12M59S W113D12M07S,#2:N49D34M39S W115D26M16S,#3:N48D11M23S W116D02M21S,#4:N47D49M47S W113D51M35S											
LANDSAT-3 (MSS)	83002617503X0	B&W-02.1"	8885*	70%		03/25/78	N48D42M54S W114D39M47S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D13M25S W113D13M46S,#2:N49D35M18S W115D27M57S,#3:N48D12M06S W116D04M03S,#4:N47D50M30S W113D53M19S											
LANDSAT-2 (MSS)	82116917242X0	B&W-02.1"	8000*	70%		03/16/78	N48D40M41S W114D34M59S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D11M29S W113D09M02S,#2:N49D33M05S W115D23M17S,#3:N48D09M53S W115D59M11S,#4:N47D48M17S W113D48M29S											
LANDSAT-2 (MSS)	82113117232X0	B&W-02.1"	8888*	80%		02/26/78	N48D40M41S W114D34M52S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D11M28S W113D08M55S,#2:N49D33M05S W115D23M00S,#3:N48D09M53S W115D59M04S,#4:N47D48M17S W113D48M22S											
LANDSAT-2 (MSS)	82111317222X0	B&W-02.1"	8885*	80%		02/08/78	N48D40M37S W114D34M41S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D11M25S W113D08M44S,#2:N49D33M01S W115D22M49S,#3:N48D09M49S W115D58M53S,#4:N47D48M13S W113D48M11S											
LANDSAT-2 (MSS)	92139517212X0	B&W-02.1"	8888*	70%		01/21/78	N48D43M26S W114D40M59S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D14M14S W113D14M57S,#2:N49D35M51S W115D29M09S,#3:N48D12M39S W116D05M16S,#4:N47D51M02S W113D54M27S											
LANDSAT-2 (MSS)	86077172115X0	B&W-02.1"	5585*	90%		01/03/78	N48D45M00S W114D40M00S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D16M37S W113D05M22S,#2:N49D41M39S W115D31M45S,#3:N48D10M39S W116D12M36S,#4:N47D47M57S W113D50M16S											
LANDSAT-2 (MSS)	86059172125X0	B&W-02.1"	9858*	90%		12/16/77	N48D41M00S W114D46M00S	1:3,369,000	82100370689	P	N
CORNER POINT COORDINATES=#1:N49D14M27S W113D11M12S,#2:N49D37M49S W115D38M11S,#3:N48D06M19S W116D18M45S,#4:N47D43M47S W113D55M52S											
LANDSAT-2 (MSS)	86041172205X0	B&W-02.1"	8888*	80%		11/28/77	N48D41M00S W114D56M00S	1:3,369,000	82100370100	P	N
CORNER POINT COORDINATES=#1:N49D14M43S W113D21M28S,#2:N49D37M38S W115D48M32S,#3:N48D06M04S W116D28M29S,#4:N47D43M58S W114D05M31S											
LANDSAT-2 (MSS)	84023172245X0	B&W-02.1"	5688*	80%		11/10/77	N48D45M00S W114D50M00S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D16M25S W113D15M51S,#2:N49D41M23S W115D42M09S,#3:N48D10M22S W116D22M07S,#4:N47D48M16S W113D59M53S											
LANDSAT-2 (MSS)	86035172335X0	B&W-02.1"	8588*	70%		10/23/77	N48D48M00S W114D47M00S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D21M14S W113D13M36S,#2:N49D43M49S W115D38M53S,#3:N48D13M35S W116D18M23S,#4:N47D51M47S W113D57M08S											
LANDSAT-2 (MSS)	82987172435X0	B&W-02.1"	8855*	60%		10/05/77	N48D55M00S W114D42M00S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D27M53S W113D08M37S,#2:N49D50M42S W115D33M29S,#3:N48D20M55S W116D13M24S,#4:N47D58M34S W113D52M31S											

CONTACT NUMBER 0004531002 TERMINAL T03A32
BONNER/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	BIP2 CCT
PATH= 45 ROW= 26 LANDSAT											
LANDSAT-2 (MSS)	829691725450D	B&W-02.1"	8888*	90%		09/17/77	N48D55M00S W114D42M00S	1:3,369,000	82100341237	P	N
CORNER POINT COORDINATES=#1:N49D29M03S W113D08M19S,#2:N49D51M53S W115D33M43S,#3:N48D21M48S W116D13M41S,#4:N47D59M44S W113D52M18S											
LANDSAT-1 (MSS)	958721637050D	B&W-02.1"	M588*	60%		09/05/77	N48D56M00S W114D57M00S	1:3,369,000	81100520097	B	N
CORNER POINT COORDINATES=#1:N49D29M59S W113D23M51S,#2:N49D51M28S W115D50M07S,#3:N48D20M30S W113D28M06S,#4:N48D00M07S W116D05M55S											
LANDSAT-2 (MSS)	829511726450D	B&W-02.1"	8888*	70%		08/30/77	N48D53M00S W114D44M00S	1:3,369,000	82100340406	P	N
CORNER POINT COORDINATES=#1:N49D26M71S W113D09M40S,#2:N49D49M18S W115D36M12S,#3:N48D18M26S W116D16M17S,#4:N47D56M18S W113D53M51S											
LANDSAT-1 (MSS)	958521639050D	B&W-02.1"	M588*	10%		08/18/77	N48D53M00S W115D00M00S	1:3,369,000	81100620531	P	N
CORNER POIN COORDINATES=#1:N49D27M16S W113D26M34S,#2:N49D48M41S W115D53M29S,#3:N48D17M32S W116D11M21S,#4:N47D56M54S W114D08M34S											
LANDSAT-2 (MSS)	829311727450D	B&W-02.1"	8888*	20%		09/12/77	N48D44M00S W114D48M00S	1:3,369,000	82100331100	P	N
CORNER POINT COORDINATES=#1:N49D17M34S W113D13M15S,#2:N49D40M43S W115D40M24S,#3:N48D09M12S W116D20M42S,#4:N47D46M53S W113D57M39S											
LANDSAT-1 (MSS)	958341 [illegible]5D50D	B&W-02.1"	M888*	30%		07/31/77	N48D50M00S W115D00M00S	1:3,369,000	81100610222	P	N
CORNER POINT COORDINATES=#1:N49D24M13S W113D26M01S,#2:N49D46M05S W115D53M26S,#3:N48D14M34S W116D31M53S,#4:N47D53M30S W114D08M40S											
LANDSAT-2 (MSS)	829151725450D	B&W-02.1"	8888*	90%		07/25/77	N48D44M00S W114D47M00S	1:3,369,000	82100321467	P	N
CORNER POINT COORDINATES=#1:N49D17M30S W113D12M00S,#2:N49D40M53S W115D39M13S,#3:N48D09M16S W116D19M57S,#4:N47D46M43S W113D56M45S											
LANDSAT-2 (MSS)	828971723450D	B&W-02.1"	8888*	30%		07/07/77	N48D45M00S W114D46M00S	1:3,369,000	82100320455	P	N
CORNER POINT COORDINATES=#1:N49D1[illegible]M19S W113D11M27S,#2:N49D41M34S W115D38M03S,#3:N48D10M28S W116D18M31S,#4:N47D48M02S W113D54M02S											
LANDSAT-1 (MSS)	857916444450D	B&W-02.1"	M888*	50%		06/25/77	N48D47M00S W115D35M00S	1:3,369,000	81100600191	P	N
CORNER POINT COORDINATES=#1:N49D21M17S W113D31M25S,#2:N49D42M53S W115D58M26S,#3:N48D11M30S W116D36M30S,#4:N47D50M42S W114D13M38S											
LANDSAT-2 (MSS)	828791733350D	B&W-02.1"	8888*	10%		06/19/77	N48D50M00S W114D46M00S	1:3,369,000	82100311603	P	Y
CORNER POINT COORDINATES=#1:N49D23M02S W113D10M08S,#2:N49D46M05S W115D35M39S,#3:N48D15M48S W116D13M51S,#4:N47D53M31S W113D54M21S											
LANDSAT-2 (MSS)	828611731250D	B&W-02.1"	8888*	10%		06/01/77	N48D53M00S W114D43M00S	1:3,369,000	82100310781	P	N
CORNER POINT COORDINATES=#1:N49D25M49S W113D09M33S,#2:N49D48M48S W115D34M21S,#3:N48D19M00S W116D14M28S,#4:N47D56M49S W113D53M38S											
LANDSAT-2 (MSS)	828431732250D	B&W-02.1"	8888*	80%		05/14/77	N48D56M00S W114D44M00S	1:3,369,000	82100300843	P	N
CORNER POINT COORDINATES=#1:N49D29M03S W113D10M29S,#2:N49D51M45S W115D35M41S,#3:N48D21M48S W116D15M30S,#4:N47D59M51S W113D54M19S											
LANDSAT-1 (MSS)	857441649550D	B&W-02.1	M855*	90%		05/02/77	N48D55M00S W114D59M00S	1:3,369,000	81100580061	P	N
CORNER POINT COORDINATES=#1:N49D28M53S W113D25M55S,#2:N49D50M27S W115D51M57S,#3:N48D19M56S W116D50M02S,#4:N47D59M09S W114D08M05S											
LANDSAT-2 (MSS)	828251733250D	B&W-02.1"	8888*	30%		04/26/77	N48D51M00S W114D46M00S	1:3,369,000	82100300692	P	N
CORNER POINT COORDINATES=#1:N49D24M13S W113D11M57S,#2:N49D47M10S W115D37M59S,#3:N48D16M34S W116D18M02S,#4:N47D54M28S W113D56M04S											
LANDSAT-1 (MSS)	857261651350D	B&W-02.1"	M888*	70%		04/14/77	N48D52M00S W115D00M00S	1:3,369,000	81100570091	P	N
CORNER POINT COORDINATES=#1:N49D26M06S W113D26M39S,#2:N49D47M39S W115D53M14S,#3:N48D [illegible]M42S W116D31M17S,#4:N47D55M36S W114D08M49S											
LANDSAT-2 (MSS)	828071734150D	B&W-02.1"	8888*	10%		04/08/77	N48D46M00S W114D52M00S	1:3,369,000	82100290740	P	N
CORNER POINT COORDINATES=#1:N49D17M43S W113D17M32S,#2:N49D42M30S W115D46M43S,#3:N48D11M02S W116D24M24S,#4:N47D49M06S W114D01M23S											

CONTACT NUMBER 0004531002 TERMINAL T03A32
BONNER/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	BIP2 CCT
PAT4= 45 ROW= 26 LANDSAT											
LANDSAT-2 (MSS)	9279917351500	B&W-02.1"	5588*	90%		03/21/77	N48D41M00S W114D56M00S	1:3,369,000	8210028124 6	P	N
CORNER POINT COORDINATES=#1:N49D15M00S W113D21M27S,#2:N49D37M37S W115D48M38S,#3:N48D05M46S W116D28M29S,#4:N47D43M59S W114D05M06S											
LANDSAT-2 (MSS)	9277117360500	B&W-02.1"	8888*	10%		03/03/77	N48D42M00S W114D54M00S	1:3,369,000	8210028043 6	P	N
CORNER POINT COORDINATES=#1:N49D15M46S W113D19M39S,#2:N49D38M29S W115D46M36S,#3:N48D07M01S W116D26M19S,#4:N47D45M07S W114D03M27S											
LANDSAT-2 (MSS)	9275317364500	B&W-02.1"	5558*	10%		02/13/77	N48D45M00S W114D48M00S	1:3,369,000	8210027059 7	P	N
CORNER POINT COORDINATES=#1:N49D21M09S W113D13M59S,#2:N49D44M13S W115D39M48S,#3:N48D13M38S W116D28M00S,#4:N47D51M24S W113D58M13S											
LANDSAT-2 (MSS)	9273317372500	B&W-02.1"	5588*	00%		01/26/77	N48D54M00S W114D44M00S	1:3,369,000	8210027001 2	P	N
CORNER POINT COORDINATES=#1:N49D26M54S W113D10M27S,#2:N49D49M50S W115D35M33S,#3:N48D19M54S W116D15M33S,#4:N47D57M47S W113D54M29S											
LANDSAT-2 (MSS)	9271717350500	B&W-02.1"	8888*	30%		01/08/77	N48D54M00S W114D41M00S	1:3,369,000	8210026030 1	P	N
CORNER POINT COORDINATES=#1:N49D26M42S W113D07M26S,#2:N49D49M51S W115D32M13S,#3:N48D20M06S W116D12M35S,#4:N47D57M46S W113D51M46S											
LANDSAT-2 (MSS)	9269917395500	B&W-02.1"	8888*	20%		12/21/76	N48D55M00S W114D42M00S	1:3,369,000	8210025145 6	P	N
CORNER POINT COORDINATES=#1:N49D28M03S W113D07M59S,#2:N49D51M05S W115D33M47S,#3:N48D20M46S W116D14M00S,#4:N47D58M31S W113D52M14S											
LANDSAT-2 (MSS)	9268117393500	B&W-02.1"	5888*	80%		12/03/76	N48D48M00S W114D44M00S	1:3,369,000	8210025087 1	P	N
CORNER POINT COORDINATES=#1:N49D21M14S W113D09M16S,#2:N49D44M38S W115D35M57S,#3:N48D13M33S W116D16M41S,#4:N47D50M58S W113D54M05S											
LANDSAT-2 (MSS)	9266317402500	B&W-02.1"	8888*	60%		11/15/76	N48D42M00S W114D50M00S	1:3,369,000	8210025034 1	P	N
CORNER POINT COORDINATES=#1:N49D15M45S W113D15M45S,#2:N49D38M45S W115D42M37S,#3:N48D07M01S W116D22M43S,#4:N47D44M51S W113D59M27S											
LANDSAT-2 (MSS)	9266317410500	B&W-02.1"	8888*	20%		10/28/76	N48D41M00S W114D50M00S	1:3,369,000	8210024006 1	P	N
CORNER POINT COORDINATES=#1:N49D14M37S W113D15M19S,#2:N49D37M43S W115D42M23S,#3:N48D06M10S W116D22M38S,#4:N47D43M53S W113D59M39S											
LANDSAT-2 (MSS)	9262717414500	B&W-02.1"	8888*	40%		10/10/76	N48D42M00S W114D50M00S	1:3,369,000	8210023066 2	P	N
CORNER POINT COORDINATES=#1:N49D15M25S W113D16M02S,#2:N49D38M16S W115D42M05S,#3:N48D07M22S W116D21M57S,#4:N47D45M20S W113D59M57S											
LANDSAT-1 (MSS)	8553117094500	B&W-02.1"	8888*	10%		10/01/76	N48D51M00S W114D58M00S	1:3,369,000	3110054017 1	P	N
CORNER POINT COORDINATES=#1:N49D25M20S W113D24M30S,#2:N49D46M45S W115D51M36S,#3:N48D15M29S W116D29M25S,#4:N47D54M50S W114D06M30S											
LANDSAT-2 (MSS)	9260917421500	B&W-02.1"	8888*	10%		09/22/76	N48D46M00S W114D47M00S	1:3,369,000	8210022128 4	P	N
CORNER POINT COORDINATES=#1:N49D19M06S W113D13M39S,#2:N49D41M50S W115D38M39S,#3:N48D11M43S W116D18M21S,#4:N47D49M46S W113D57M21S											
LANDSAT-1 (MSS)	8551317101500	B&W-02.1"	8888*	30%		09/13/76	N48D50M00S W114D57M00S	1:3,369,000	8110053039 7	P	N
CORNER POINT COORDINATES=#1:N49D24M00S W113D24M02S,#2:N49D45M27S W115D50M01S,#3:N48D14M49S W116D27M55S,#4:N47D54M08S W114D06M02S											
LANDSAT-2 (MSS)	9259117424500	B&W-02.1"	8888*	10%		09/04/76	N48D54M00S W114D42M00S	1:3,369,000	8210022052 2	P	N
CORNER POINT COORDINATES=#1:N49D26M53S W113D08M35S,#2:N49D49M45S W115D33M26S,#3:N48D19M39S W116D13M26S,#4:N47D57M52S W113D52M36S											
LANDSAT-2 (MSS)	9257317431500	B&W-02.1"	8888*	60%		08/17/76	N48D55M00S W114D40M00S	1:3,369,000	8210021110 7	P	N
CORNER POINT COORDINATES=#1:N49D28M02S W113D06M15S,#2:N49D50M55S W115D31M43S,#3:N48D20M46S W116D11M44S,#4:N47D58M41S W113D50M17S											
LANDSAT-1 (MSS)	8547717131500	B&W-02.1"	8888*	90%		08/08/76	N48D53M00S W114D56M00S	1:3,369,000	8110052035 6	P	N
CORNER POINT COORDINATES=#1:N49D26M49S W113D22M32S,#2:N49D48M32S W115D48M43S,#3:N48D18M00S W116D27M06S,#4:N47D57M06S W113D05M16S											

CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	BIPZ CCT
PATH= 45 ROW= 26 LANDSAT											
LANDSAT-2 (MSS)	8255517434500	B&W-02.1"	8888*	90%		07/30/76	N48D49M00S W114D42M00S	1:3,369,000	8210021037S	P	N
CORNER POINT COORDINATES=#1:N49D22M13S W113D07M34S,#2:N49D45M27S W115D33M57S,#3:N48D14M34S W116D14M24S,#4:N47D52M09S W113D52M05S											
LANDSAT-1 (MSS)	9545917144500	B&W-02.1"	8888*	40%		07/21/76	N48D49M00S W115D02M00S	1:3,369,000	8110051040D	P	N
CORNER POINT COORDINATES=#1:N49D23M20S W113D28M39S,#2:N49D44M41S W115D55M33S,#3:N48D13M29S W116D53M16S,#4:N47D52M54S W114D10M33S											
LANDSAT-1 (MSS)	9544117151500	B&W-02.1"	5555*	40%		07/03/76	N48D48M00S W115D05M00S	1:3,369,000	8110051C206	P	N
CORNER POINT COORDINATES=#1:N49D22M37S W113D31M14S,#2:N49D43M57S W115D58M56S,#3:N48D12M11S W116D36M40S,#4:N47D51M38S W114D13M09S											
LANDSAT-2 (MSS)	8251917445500	B&W-02.1"	8888*	80%		06/24/76	N48D43M00S W114D46M00S	1:3,369,000	8210019142P	P	N
CORNER POINT COORDINATES=#1:N49D16M44S W113D11M13S,#2:N49D39M44S W115D38M37S,#3:N48D08M02S W116D18M43S,#4:N47D45M52S W113D59M26S											
LANDSAT-1 (MSS)	9542317174500	B&W-02.1"	8888*	90%		06/15/76	N48D38M00S W115D10M00S	1:3,369,000	8110050060G	P	N
CORNER POINT COORDINATES=#1:N49D12M42S W113D36M28S,#2:N49D33M58S W116D03M51S,#3:N48D02M06S W116D41M26S,#4:N47D41M37S W114D18M14S											
LANDSAT-2 (MSS)	8250117451500	B&W-02.1"	8888*	90%		06/06/76	N48D43M00S W114D45M00S	1:3,369,000	8210019064F	P	N
CORNER POINT COORDINATES=#1:N49D16M31S W113D10M46S,#2:N49D39M25S W115D37M16S,#3:N48D08M17S W116D17M12S,#4:N47D46M11S W113D54M46S											
LANDSAT-1 (MSS)	9540517185500	B&W-02.1"	5888*	80%		05/28/76	N48D44M00S W115D04M00S	1:3,369,000	8110050012P	P	N
CORNER POINT COORDINATES=#1:N49D18M21S W113D30M30S,#2:N49D39M52S W115D57M27S,#3:N48D08M27S W116D35M25S,#4:N47D47M43S W114D12M36S											
LANDSAT-2 (MSS)	8249317434500	B&W-02.1"	5888*	10%		05/19/76	N48D46M00S W114D42M00S	1:3,369,000	8210018124P	P	N
CORNER POINT COORDINATES=#1:N49D19M06S W113D08M23S,#2:N49D42M00S W115D33M40S,#3:N48D11M42S W116D13M37S,#4:N47D49M36S W113D52M20S											
LANDSAT-1 (MSS)	9538717230500	B&W-02.1"	8888*	10%		05/10/76	N48D48M00S W115D00M00S	1:3,369,000	8110049048P	P	N
CORNER POINT COORDINATES=#1:N49D22M07S W113D26M59S,#2:N49D43M31S W115D53M05S,#3:N48D12M42S W116D30M58S,#4:N47D52M05S W114D08M54S											
LANDSAT-2 (MSS)	9246517461500	B&W-02.1"	8888*	10%		05/01/76	N48D57M00S W114D37M00S	1:3,369,000	8210018047P	P	N
CORNER POINT COORDINATES=#1:N49D29M52S W113D03M30S,#2:N49D52M45S W115D28M33S,#3:N48D22M57S W116D08M30S,#4:N49D00M52S W113D47M29S											
LANDSAT-2 (MSS)	8244717464500	B&W-02.1"	5555*	90%		04/13/76	N48D57M00S W114D38M00S	1:3,369,000	8210017127G	P	N
CORNER POINT COORDINATES=#1:N49D29M59S W113D04M23S,#2:N49D52M49S W115D29M42S,#3:N48D22M49S W116D09M36S,#4:N48D00M48S W113D48M18S											
LANDSAT-1 (MSS)	8535117223500	B&W-02.1"	8888*	10%		04/04/76	N48D58M00S W114D52M00S	1:3,369,000	8110048035G	P	N
CORNER POINT COORDINATES=#1:N49D31M47S W113D18M48S,#2:N49D53M27S W115D44M51S,#3:N48D23M01S W116D23M09S,#4:N48D02M08S W114D01M11S											
LANDSAT-2 (MSS)	8242917471500	B&W-02.1"	8888*	70%		03/26/76	N48D54M00S W114D42M00S	1:3,369,000	8210017048G	P	N
CORNER POINT COORDINATES=#1:N49D27M21S W113D07M51S,#2:N49D50M11S W115D34M13S,#3:N48D19M27S W116D14M07S,#4:N47D57M25S W113D51M49S											
LANDSAT-2 (MSS)	8241117475500	B&W-02.1"	8888*	40%		03/08/76	N48D40M00S W114D50M00S	1:3,369,000	8210016026P	P	N
CORNER POINT COORDINATES=#1:N49D13M43S W113D15M39S,#2:N49D36M31S W115D42M38S,#3:N48D04M59S W116D22M18S,#4:N47D43M05S W113D59M25S											
LANDSAT-2 (MSS)	8237517484500	B&W-02.1"	8888*	30%		02/01/76	N48D40M00S W114D50M00S	1:3,369,000	8210015034S	P	N
CORNER POINT COORDINATES=#1:N49D13M33S W113D15M35S,#2:N49D36M34S W115D42M16S,#3:N48D05M14S W116D22M22S,#4:N47D43M02S W113D59M46S											
LANDSAT-2 (MSS)	9235717490500	B&W-02.1"	5555*	90%		01/14/76	N48D42M00S W114D45M00S	1:3,369,000	8210014082P	P	N
CORNER POINT COORDINATES=#1:N49D15M03S W113D11M06S,#2:N49D38M15S W115D36M23S,#3:N48D07M47S W116D16M54S,#4:N47D45M22S W113D59M32S											

CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNEW/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	BIP2 CCT
PATH= 45 ROW= 26 LANDSAT											
LANDSAT-2 (MSS)	9233917491500	B&W-02.1"	8888*	80%		12/27/75	N48D52M00S W114D39M00S	1:3,369,000	B2100140431	P	N
CORNER POINT COORDINATES=#1:N49D24M49S W113D05M28S,#2:N49D47M51S W115D30M19S,#3:N48D18M00S W116D10M32S,#4:N47D55M46S W113D49M40S											
LANDSAT-1 (MSS)	9524317234500	B&W-02.1"	8525*	90%		12/18/75	N48D54M00S W114D43M00S	1:3,369,000	B1100450096	P	N
CORNER POINT COORDINATES=#1:N49D27M22S W113D09M36S,#2:N49D49M42S W115D35M11S,#3:N48D19M27S W116D16M22S,#4:N47D57M54S W113D52M50S											
LANDSAT-2 (MSS)	8232117492500	B&W-02.1"	8888*	30%		12/09/75	N48D57M00S W114D36M00S	1:3,369,000	B2100130742	P	N
CORNER POINT COORDINATES=#1:N49D29M53S W113D02M26S,#2:N49D52M47S W115D27M31S,#3:N48D22M56S W116D07M34S,#4:N48D00M50S W113D46M29S											
LANDSAT-2 (MSS)	9228517494500	B&W-02.1"	8885*	80%		11/03/75	N48D48M00S W114D39M00S	1:3,369,000	B2100120679	P	N
CORNER POINT COORDINATES=#1:N49D21M33S W113D04M24S,#2:N49D44M32S W115D31M21S,#3:N48D15M16S W116D11M33S,#4:N47D51M06S W113D48M42S											
LANDSAT-2 (MSS)	8226717500500	B&W-02.1"	8555*	70%		10/16/75	N48D41M00S W114D39M00S	1:3,369,000	B2100111028	P	N
CORNER POINT COORDINATES=#1:N49D14M33S W113D04M05S,#2:N49D37M52S W115D31M23S,#3:N48D06M11S W116D11M51S,#4:N47D43M43S W113D48M40S											
LANDSAT-2 (MSS)	8224917530500	B&W-02.1"	5588*	20%		09/28/75	N48D46M00S W114D37M00S	1:3,369,000	B2100110316	P	N
CORNER POINT COORDINATES=#1:N49D19M36S W113D02M1[illegible]S,#2:N49D42M42S W115D29M2[illegible]S,#3:N48D1[illegible]M10S W116D39M44S,#4:N47D48M54S W113D46M36S											
LANDSAT-1 (MSS)	9515317351500	B&W-02.1"	5588*	20%		09/19/75	N48D45M00S W114D49M00S	1:3,369,000	B1100410713	P	N
CORNER POINT COORDINATES=#1:N49D1[illegible]M00S W113D14M48S,#2:N49D41M19S W115D41M59S,#3:N48D09M47S W116D21M08S,#4:N47D48M17S W113D58M04S											
LANDSAT-2 (MSS)	8223117501500	B&W-02.1"	5858*	00%		09/10/75	N48D44M00S W114D35M00S	1:3,369,000	B2100101236	P	N
CORNER POINT COORDINATES=#1:N49D17M39S W113D00M50S,#2:N49D40M23S W115D26M45S,#3:N48D09M38S W116D37M09S,#4:N47D47M14S W113D45M18S											
LANDSAT-2 (MSS)	8221317501500	B&W-02.1"	5555*	90%		08/23/75	N48D59M00S W114D25M00S	1:3,369,000	B2100100523	P	N
CORNER POINT COORDINATES=#1:N49D31M49S W112D51M05S,#2:N49D54M59S W115D16M29S,#3:N48D24M59S W115D56M55S,#4:N48D02M38S W113D35M31S											
LANDSAT-1 (MSS)	9511717372500	B&W-02.1"	5588*	20%		08/14/75	N48D54M00S W114D45M00S	1:3,369,000	B1100400652	P	N
CORNER POINT COORDINATES=#1:N49D27M29S W113D11M34S,#2:N49D49M43S W115D37M22S,#3:N48D19M19S W116D16M24S,#4:N47D57M52S W113D54M39S											
LANDSAT-2 (MSS)	8219517535500	B&W-02.1"	5555*	30%		08/05/75	N48D54M00S W114D33M00S	1:3,369,000	B2100081642	P	N
CORNER POINT COORDINATES=#1:N49D26M39S W112D59M26S,#2:N49D49M50S W115D24M07S,#3:N48D20M09S W116D14M35S,#4:N47D57M47S W113D43M52S											
LANDSAT-2 (MSS)	8217717511500	B&W-02.1"	8888*	50%		07/18/75	N48D55M00S W114D37M00S	1:3,369,000	B2100080923	P	N
CORNER POINT COORDINATES=#1:N49D27M49S W113D02M58S,#2:N49D51M06S W115D28M25S,#3:N48D20M58S W116D09M02S,#4:N47D58M31S W113D47M35S											
LANDSAT-1 (MSS)	9508117392500	B&W-02.1"	8888*	20%		07/09/75	N48D56M00S W114D48M00S	1:3,369,000	B1100400072	P	N
CORNER POINT COORDINATES=#1:N49D29M34S W113D14M28S,#2:N49D51M45S W115D40M32S,#3:N48D21M14S W116D19M30S,#4:N47D59M51S W113D57M30S											
LANDSAT-2 (MSS)	8215917513500	B&W-02.1"	5888*	10%		06/30/75	N48D43M00S W114D44M00S	1:3,369,000	B2100070577	P	N
CORNER POINT COORDINATES=#1:N49D16M12S W113D09M38S,#2:N49D39M31S W115D35M43S,#3:N48D08M35S W116D16M21S,#4:N47D46M06S W113D54M13S											
LANDSAT-2 (MSS)	8214117513500	B&W-02.1"	5588*	30%		06/12/75	N48D40M00S W114D44M00S	1:3,369,000	B2100061249	P	N
CORNER POINT COORDINATES=#1:N49D13M34S W113D09M12S,#2:N49D36M52S W115D36M21S,#3:N48D05M13S W116D16M45S,#4:N47D42M44S W113D53M42S											
LANDSAT-2 (MSS)	8212317511500	B&W-02.1"	5888*	80%		05/25/75	N48D39M00S W114D39M00S	1:3,369,000	B2100060584	P	N
CORNER POINT COORDINATES=#1:N49D12M36S W113D06M11S,#2:N49D35M50S W115D31M21S,#3:N48D06M09S W116D11M45S,#4:N47D41M46S W113D48M41S											

CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	BIPZ CCT
PATH= 45 ROW= 26 LANDSAT											
LANDSAT-2 (MSS)	8210517511500	B&W-02.1"	5855*	90%		05/07/75	N48D39M00S W114D37M00S	1:3,369,000	8210005 1069	P	N
CORNER POINT COORDINATES=#1:N49D12M14S W113D02M52S,#2:N49D35M37S W115D28M5W S,#3:N48D04M33S W116D09M07S,#4:N47D41M59S W113D47M05S											
LANDSAT-1 (MSS)	8500917432500	B&W-02.1"	5858*	90%		04/28/75	N48D45M00S W114D56M00S	1:3,369,000	8110037037	P	N
CORNER POINT COORDINATES=#1:N49D18M63S W113D21M33S,#2:N49D41M01S W115D48M12S,#3:N48D10M02S W116D28M23S,#4:N47D48M39S W113D05M49S											
LANDSAT-2 (MSS)	8209717512500	B&W-02.1"	5555*	90%		04/19/75	N48D47M00S W114D35M00S	1:3,369,000	8210050229	P	N
CORNER POINT COORDINATES=#1:N49D19M59S W113D01M25S,#2:N49D43M06S W115D26M39S,#3:N48D12M49S W116D06M35S,#4:N47D50M31S W113D45M22S											
LANDSAT-1 (MSS)	8197317451500	B&W-02.1"	5558*	90%		03/23/75	N48D55M00S W114D51M00S	1:3,369,000	8110036026 5	P	N
CORNER POINT COORDINATES=#1:N49D28M03S W113D17M21S,#2:N49D50M49S W115D42M42S,#3:N48D20M45S W116D22M39S,#4:N47D53M48S W116D01M18S											
LANDSAT-1 (MSS)	8195517454503	B&W-02.1"	5858*	60%		03/05/75	N49D20M00S W114D39M00S	1:3,369,000	8110035047 2	P	N
CORNER POINT COORDINATES=#1:N49D52M57S W113D04M27S,#2:N50D16M04S W115D31M14S,#3:N48D45M50S W116D11M30S,#4:N48D23M32S W113D48M50S											
LANDSAT-1 (MSS)	8193717455500	B&W-02.1"	5888*	60%		02/15/75	N48D57M00S W114D50M00S	1:3,369,000	8110034054 2	P	N
CORNER POINT COORDINATES=#1:N49D30M20S W113D15M33S,#2:N49D53M13S W115D42M13S,#3:N48D22M27S W116D22M24S,#4:N48D00M23S W113D59M52S											
LANDSAT-2 (RBV)	3201517513200	B&W-02.2"	8888**	10%		02/06/75	N48D36M00S W114D35M00S	1:3,369,000	*0000000000	P	N
CORNER POINT COORDINATES=#1:N49D11M55S W113D04M05S,#2:N49D35M11S W115D31M11S,#3:N47D58M55S W116D03M45S,#4:N47D36M23S W113D40M51S											
LANDSAT-2 (MSS)	8201517513500	B&W-02.1"	8888*	10%		02/06/75	N48D36M00S W114D35M00S	1:3,369,000	8210001017 1	P	N
CORNER POINT COORDINATES=#1:N49D09M36S W113D00M14S,#2:N49D32M53S W115D27M20S,#3:N48D01M10S W116D07M43S,#4:N47D38M41S W113D46M43S											
LANDSAT-1 (MSS)	8190117432500	B&W-02.1"	5808*	50%		01/10/75	N48D41M00S W114D53M00S	1:3,369,000	8110033084 6	P	N
CORNER POINT COORDINATES=#1:N49D14M36S W113D18M18S,#2:N49D37M39S W115D45M13S,#3:N48D06M10S W116D25M39S,#4:N47D43M57S W116D02M44S											
LANDSAT-1 (MSS)	8188317471500	B&W-02.1"	5885*	00%		12/23/74	N48D45M00S W114D48M00S	1:3,369,000	8110033025 9	P	N
CORNER POINT COORDINATES=#1:N49D18M19S W113D13M34S,#2:N49D41M38S W115D40M03S,#3:N48D10M28S W116D20M24S,#4:N47D47M59S W113D57M34S											
LANDSAT-1 (MSS)	8186517495500	B&W-02.1"	5888*	60%		12/05/74	N48D49M00S W114D48M00S	1:3,369,000	8110032084 7	P	N
CORNER POINT COORDINATES=#1:N49D22M13S W113D14M01S,#2:N49D45M09S W115D39M53S,#3:N48D14M34S W116D19M58S,#4:N47D52M28S W113D58M08S											
LANDSAT-1 (MSS)	8184717533500	B&W-02.1"	8888*	60%		11/17/74	N48D50M00S W114D50M00S	1:3,369,000	8110032021 2	P	N
CORNER POINT COORDINATES=#1:N49D23M13S W113D16M24S,#2:N49D45M45S W115D41M41S,#3:N48D15M39S W116D21M35S,#4:N47D53M51S W113D00M19S											
LANDSAT-1 (MSS)	8181117514500	B&W-02.1"	5858*	50%		10/12/74	N48D55M00S W114D43M00S	1:3,369,000	8110030131 7	P	N
CORNER POINT COORDINATES=#1:N49D28M20S W113D08M45S,#2:N49D51M03S W115D35M04S,#3:N48D20M27S W116D15M13S,#4:N47D58M33S W113D52M58S											
LANDSAT-1 (MSS)	8179317520500	B&W-02.1"	8888*	00%		09/24/74	N48D43M00S W114D45M00S	1:3,369,000	8110030059 5	P	Y
CORNER POINT COORDINATES=#1:N49D16M69S W113D10M25S,#2:N49D39M10S W115D37M17S,#3:N48D07M58S W116D17M51S,#4:N47D46M26S W113D54M45S											
LANDSAT-1 (MSS)	8177517524500	B&W-02.1"	5888*	50%		09/06/74	N48D42M41S W114D49M25S	1:3,369,000	8110029092 2	P	N
CORNER POINT COORDINATES=#1:N49D16M57S W113D15M42S,#2:N49D39M07S W115D43M08S,#3:N48D07M12S W116D21M03S,#4:N47D45M49S W113D57M47S											
LANDSAT-1 (MSS)	8175717533500	B&W-02.1"	5888*	90%		08/19/74	N48D42M00S W114D51M00S	1:3,369,000	8110028009 6	P	N
CORNER POINT COORDINATES=#1:N49D16M13S W113D17M31S,#2:N49D38M17S W115D44M33S,#3:N48D06M33S W116D22M29S,#4:N47D45M18S W113D59M29S											

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO-DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	CQL	BIP2 CCT
PATH= 45 ROW= 26 LANDSAT										
LANDSAT-1 (MSS)	8173917541500	B&W-02.1"	8858*	30%	08/01/74	N48D45M00S W114D51M00S	1:3,369,000	B1100271062	P	N
CORNER POINT COORDINATES=#1:N49D19M00S W113D18M00S,#2:N49D40M57S W115D44M18S,#3:N48D09M49S W116D21M58S,#4:N47D48M39S W113D59M45S										
LANDSAT-1 (MSS)	8172117544500	B&W-02.1"	8888*	30%	07/14/74	N48D49M57S W114D50M09S	1:3,369,000	B1100261617	P	N
CORNER POINT COORDINATES=#1:N49D23M37S W113D17M02S,#2:N49D45M32S W115D42M41S,#3:N48D15M06S W116D21M14S,#4:N47D53M59S W113D59M38S										
LANDSAT-1 (MSS)	8170317552500	B&W-02.1"	8888*	60%	06/26/74	N48D55M55S W114D50M37S	1:3,369,000	B1100261041	P	N
CORNER POINT COORDINATES=#1:N49D29M43S W113D17M35S,#2:N49D51M19S W115D43M23S,#3:N48D20M56S W116D21M36S,#4:N48D00M06S W113D59M49S										
LANDSAT-1 (MSS)	8168517555500	B&W-02.1"	8888*	80%	06/08/74	N48D56M59S W114D50M04S	1:3,369,000	B1100251269	P	N
CORNER POINT COORDINATES=#1:N49D30M50S W113D16M33S,#2:N49D52M40S W115D43M02S,#3:N48D21M56S W116D21M31S,#4:N48D00M54S W113D59M09S										
LANDSAT-1 (MSS)	8166717563500	B&W-02.1"	8855*	90%	05/21/74	N48D51M53S W114D50M17S	1:3,369,000	0000000000	P	N
CORNER POINT COORDINATES=#1:N49D25M47S W113D16M11S,#2:N49D48M01S W115D43M16S,#3:N48D16M46S W116D22M20S,#4:N47D55M20S W113D59M22S										
LANDSAT-1 (MSS)	8164917570500	B&W-02.1"	8888*	60%	05/03/74	N48D47M37S W114D53M28S	1:3,369,000	B1100240844	P	N
CORNER POINT COORDINATES=#1:N49D21M53S W113D19M14S,#2:N49D43M54S W115D46M54S,#3:N48D12M09S W116D25M36S,#4:N47D50M56S W114D02M06S										
LANDSAT-1 (MSS)	8163117573500	B&W-02.1"	2822*	00%	04/15/74	N48D43M26S W114D51M22S	1:3,369,000	B1100230049	P	N
CORNER POINT COORDINATES=#1:N49D17M26S W113D17M07S,#2:N49D39M49S W115D44M21S,#3:N48D08M14S W116D23M34S,#4:N47D46M39S W114D00M28S										
LANDSAT-1 (MSS)	8161317575500	B&W-02.1"	2222*	70%	03/28/74	N48D49M02S W114D46M03S	1:3,369,000	B1100221512	P	N
CORNER POINT COORDINATES=#1:N49D22M41S W113D12M00S,#2:N49D45M12S W115D38M37S,#3:N48D14M10S W116D18M04S,#4:N47D52M27S W113D55M32S										
LANDSAT-1 (MSS)	8159517581500	B&W-02.1"	2022*	50%	03/10/74	N48D52M13S W114D40M35S	1:3,369,000	B1100220555	P	N
CORNER POINT COORDINATES=#1:N49D25M33S W113D06M41S,#2:N49D48M16S W115D32M39S,#3:N48D17M43S W116D12M28S,#4:N47D55M46S W113D50M33S										
LANDSAT-1 (MSS)	8157717583500	B&W-02.1"	2522*	00%	02/20/74	N48D57M36S W114D34M57S	1:3,369,000	B1100220017	P	N
CORNER POINT COORDINATES=#1:N49D30M38S W113D01M14S,#2:N49D53M28S W115D26M43S,#3:N48D23M23S W116D36M40S,#4:N48D01M22S W113D45M13S										
LANDSAT-1 (MSS)	8155917584500	B&W-02.1"	2022*	80%	02/02/74	N48D53M31S W114D35M34S	1:3,369,000	0000000000	P	N
CORNER POINT COORDINATES=#1:N49D26M45S W113D01M49S,#2:N49D49M27S W115D27M32S,#3:N48D19M06S W116D37M17S,#4:N47D57M12S W113D45M37S										
LANDSAT-1 (MSS)	8154117593500	B&W-02.1"	2222*	90%	01/15/74	N48D45M25S W114D41M54S	1:3,369,000	B1100200302	P	N
CORNER POINT COORDINATES=#1:N49D18M45S W113D07M44S,#2:N49D41M45S W115D33M55S,#3:N48D10M52S W116D14M02S,#4:N47D48M42S W113D51M54S										
LANDSAT-1 (MSS)	8152318030500	B&W-02.1"	3028*	90%	12/28/73	N48D44M41S W114D45M16S	1:3,369,000	B1100190651	P	N
CORNER POINT COORDINATES=#1:N49D18M17S W113D10M41S,#2:N49D41M16S W115D37M42S,#3:N48D09M52S W116D17M47S,#4:N47D47M42S W113D54M53S										
LANDSAT-1 (MSS)	8150318032500	B&W-02.1"	5888*	90%	12/10/73	N48D40M47S W114D45M46S	1:3,369,000	B1100180943	P	N
CORNER POINT COORDINATES=#1:N49D14M19S W113D11M09S,#2:N49D37M28S W115D38M03S,#3:N48D06M01S W116D18M22S,#4:N47D43M41S W113D55M33S										
LANDSAT-1 (MSS)	8148718033500	B&W-02.1"	8888*	90%	11/22/73	N48D45M08S W114D44M50S	1:3,369,000	B1100180289	P	N
CORNER POINT COORDINATES=#1:N49D18M45S W113D10M38S,#2:N49D41M28S W115D37M13S,#3:N48D10M18S W116D16M58S,#4:N47D48M24S W113D54M25S										
LANDSAT-1 (MSS)	8146918034500	B&W-02.1"	5000*	90%	11/04/73	N48D50M23S W114D37M30S	1:3,369,000	B1100161623	P	N
CORNER POINT COORDINATES=#1:N49D23M36S W113D03M36S,#2:N49D46M28S W115D29M28S,#3:N48D15M57S W116D09M2[illegible]S,#4:N47D53M54S W113D49M36S										

CONTACT NUMBER 0004531002 TERMINAL T03432
BONNER/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	8:P2 CCT
PATH= 45 ROW= 26 LANDSAT											
LANDSAT-1 (MSS)	8145118010500	B&W-02.1"	5855*	00%		10/17/73	N48D25M40S W114D49M10S	1:3,369,000	B1100160779	4	Y
CORNER POINT COORDINATES=#1:N48D59M00S W113D16M37S,#2:N49D21M22S W115D40M45S,#3:N47D51M09S W116D19M45S,#4:N47D29M35S W113D59M34S											
LANDSAT-1 (MSS)	8148518015500	B&W-02.1"	2888*	10%		09/11/73	N48D48M59S W114D47M37S	1:3,369,000	B1100150361	6	N
CORNER POINT COORDINATES=#1:N49D22M38S W113D13M53S,#2:N49D44M58S W115D40M09S,#3:N48D14M08S W116D19M19S,#4:N47D52M36S W115D57M07S											
LANDSAT-1 (MSS)	8139718021500	B&W-02.1"	8888*	70%		08/24/73	N48D48M22S W114D51M00S	1:3,369,000	B1100140273	P	N
CORNER POINT COORDINATES=#1:N49D22M22S W113D16M48S,#2:N49D44M38S W115D46M03S,#3:N48D13M10S W116D23M07S,#4:N47D51M43S W114D00M01S											
LANDSAT-1 (MSS)	8137918023500	B&W-02.1"	8888*	60%		08/06/73	N48D47M32S W114D51M29S	1:3,369,000	B1100140024	P	N
CORNER POINT COORDINATES=#1:N49D21M25S W113D17M18S,#2:N49D43M48S W115D46M21S,#3:N48D12M27S W116D23M35S,#4:N47D50M52S W114D00M40S											
LANDSAT-1 (MSS)	8136118024500	B&W-02.1"	8888*	10%		07/19/7[illegible]	N48D47M50S W114D54M55S	1:3,369,000	B1100130343	P	N
CORNER POINT COORDINATES=#1:N49D21M59S W113D20M52S,#2:N49D43M59S W115D[illegible]M11S,#3:N48D12M23S W116D26M53S,#4:N47D51M15S W114D03M42S											
LANDSAT-1 (MSS)	8132518031500	B&W-02.1"	8888*	90%		06/[illegible]	N48D52M39S W114D52M49S	1:3,369,000	B1100120519	P	N
CORNER POINT COORDINATES=#1:N49D26M14S W113D19M33S,#2:N49D48M16S W115[illegible]M17S,#3:N48D17M53S W116D24M02S,#4:N47D56M38S W114D02M22S											
LANDSAT-1 (MSS)	8130718032500	B&W-02.1"	8888*	80%		05/26/[illegible]	N48D57M28S W114D48M15S	1:3,369,000	B1100110629	P	N
CORNER POINT COORDINATES=#1:N49D30M41S W113D14M39S,#2:N49D53M15S W115D40M17S,#3:N48D23M04S W116D19M50S,#4:N48D01M18S W113D58M15S											
LANDSAT-1 (MSS)	8128918033500	B&W-02.1"	8888*	90%		05/08/73	N48D53M05S W114D52M39S	1:3,369,000	B1100110072	P	N
CORNER POINT COORDINATES=#1:N49D26M33S W113D18M56S,#2:N49D48M59S W115D45M07S,#3:N48D10M20S W116D24M20S,#4:N47D56M47S W114D02M14S											
LANDSAT-1 (MSS)	8127118034500	B&W-02.1"	8888*	50%		04/20/73	N48D54M46S W114D53M56S	1:3,369,000	B1100100502	P	N
CORNER POINT COORDINATES=#1:N49D28M42S W113D19M42S,#2:N49D50M55S W115D47M01S,#3:N48D19M37S W116D26M05S,#4:N47D58M11S W114D02M54S											
LANDSAT-1 (MSS)	8125318034500	B&W-02.1"	8888*	40%		04/02/73	N48D53M12S W114D51M00S	1:3,369,000	B1100091215	P	N
CORNER POINT COORDINATES=#1:N49D27M03S W113D16M16S,#2:N49D49M42S W115D44M03S,#3:N48D18M06S W116D23M39S,#4:N47D56M16S W114D00M05S											
LANDSAT-1 (MSS)	8123518034500	B&W-02.1"	8888*	50%		03/15/73	N48D47M52S W114D47M58S	1:3,369,000	B1100090385	P	N
CORNER POINT COORDINATES=#1:N49D21M25S W113D13M15S,#2:N49D44M30S W115D40M24S,#3:N48D13M06S W116D20M39S,#4:N47D50M51S W113D57M35S											
LANDSAT-1 (MSS)	8121718033500	B&W-02.1"	8888*	90%		02/25/73	N48D50M47S W114D43M15S	1:3,369,000	B1100090107	P	N
CORNER POINT COORDINATES=#1:N49D24M05S W113D08M53S,#2:N49D47M09S W115D35M22S,#3:N48D16M18S W116D15M34S,#4:N47D54M02S W113D53M11S											
LANDSAT-1 (MSS)	8119918032500	B&W-02.1"	8588*	00%		02/07/73	N48D50M44S W114D40M32S	1:3,369,000	B1100070[illegible]6	P	N
CORNER POINT COORDINATES=#1:N49D23M56S W113D06M49S,#2:N49D46M41S W115D32M25S,#3:N48D16M20S W116D12M13S,#4:N47D54M23S W113D50M39S											
LANDSAT-1 (MSS)	8118118030500	B&W-02.1"	8888*	40%		01/20/73	N48D55M01S W114D32M17S	1:3,369,000	B1100070094	P	N
CORNER POINT COORDINATES=#1:N49D28M00S W112D58M35S,#2:N49D50M54S W115D23M56S,#3:N48D20M50S W116D03M58S,#4:N47D58M44S W113D42M38S											
LANDSAT-1 (MSS)	8116318031500	B&W-02.1"	5558*	30%		01/02/73	N48D43M58S W114D36M25S	1:3,369,000	B1100060826	P	N
CORNER POINT COORDINATES=#1:N49D17M01S W113D02M46S,#2:N49D40M02S W115D27M57S,#3:N48D09M44S W116D08M03S,#4:N47D47M31S W113D46M52S											
LANDSAT-1 (MSS)	8114518032500	B&W-02.1"	8888*	40%		12/15/72	N48D41M37S W114D40M53S	1:3,369,000	B1100060259	P	N
CORNER POINT COORDINATES=#1:N49D14M52S W113D06M45S,#2:N49D38M00S W115D32M43S,#3:N48D07M09S W116D13M00S,#4:N47D46M50S W113D51M04S											

CONTACT NUMBER 0004531002 TERMINAL TB3A32
BONNER/LAS

DATA TYPE LANDSAT

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO	DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM	COL	BIP2 CCT
PATH= 45 ROW= 26 LANDSAT											
LANDSAT-1 (MSS)	8112718032500	B&W-02.1"	8888*	40%	11/27/72	N48D43M09S	W114D41M11S	1:3,369,000	B1100050440	P	N
CORNER POINT COORDINATES=#1:N49D16M33S W113D06M28S,#2:N49D39M52S W115D33M19S,#3:N48D08M31S W116D13M50S,#4:N47D46M03S W113D51M06S											
LANDSAT-1 (MSS)	8110918032500	B&W-02.1"	8888*	70%	11/09/72	N48D36M46S	W114D43M17S	1:3,369,000	B1100041522	P	N
CORNER POINT COORDINATES=#1:N49D10M16S W113D08M46S,#2:N49D33M29S W115D35M25S,#3:N48D02M03S W116D15M47S,#4:N47D39M40S W113D53M11S											
LANDSAT-1 (MSS)	8105118030500	B&W-02.1"	8888*	20%	10/22/72	N48D46M24S	W114D36M13S	1:3,369,000	B1100040925	P	N
CORNER POINT COORDINATES=#1:N49D19M41S W113D01M44S,#2:N49D42M55S W115D28M13S,#3:N48D11M53S W116D08M40S,#4:N47D49M29S W113D46M1[illegible]S											
LANDSAT-1 (MSS)	8107318023500	B&W-02.1"	8888*	20%	10/04/72	N48D53M03S	W114D31M19S	1:3,369,000	B1100040132	P	N
CORNER POINT COORDINATES=#1:N49D26M16S W112D57M20S,#2:N49D49M08S W115D23M13S,#3:N48D18M37S W116D03M16S,#4:N47D56M34S W113D41M21S											
LANDSAT-1 (MSS)	8103718023500	B&W-02.1"	8088*	10%	08/29/72	N48D48M30S	W114D37M45S	1:3,369,000	B1100011926	P	N
CORNER POINT COORDINATES=#1:N49D21M44S W113D04M17S,#2:N49D44M21S W115D29M33S,#3:N48D14M05S W116D09M13S,#4:N47D52M16S W113D47M52S											
LANDSAT-1 (MSS)	8101918023500	B&W-02.1"	8888*	40%	08/11/72	N48D35M06S	W114D40M53S	1:3,369,000	B1100011146	2	N
CORNER POINT COORDINATES=#1:N49D08M10S W113D07M04S,#2:N49D31M25S W115D3[illegible]M20S,#3:N48D00M48S W116D12M42S,#4:N47D38M22S W113D51M25S											
PATH= 45 ROW= 27 LANDSAT											
LANDSAT-2 (MSS)	8221317504500	B&W-02.1"	2555*	90%	08/23/75	N47D34M00S	W115D03M00S	1:3,369,000	B2100100521	P	N
CORNER POINT COORDINATES=#1:N48D07M15S W113D31M53S,#2:N48D29M42S W115D[illegible]27S,#3:N46D59M37S W116D32M14S,#4:N46D37M55S W114D14M25S											
LANDSAT-1 (MSS)	8195517462500	B&W-02.1"	8558*	60%	03/05/7[illegible]	N47D56M00S	W115D16M00S	1:3,369,000	B1100350873	P	N
CORNER POINT COORDINATES=#1:N48D29M17S W113D43M55S,#2:N48D51M44S W116D[illegible]M45S,#3:N47D21M33S W116D46M09S,#4:N46D59M53S W114D27M09S											
LANDSAT-1 (MSS)	8157717595500	B&W-02.1"	2522*	40%	02/20/74	N47D32M56S	W115D11M47S	1:3,369,000	B1100220019	P	N
CORNER POINT COORDINATES=#1:N48D06M21S W113D40M51S,#2:N48D28M31S W116D02M27S,#3:N46D58M22S W116D40M50S,#4:N46D36M57S W114D22M59S											

Skylab Data

The NASA Skylab Program consisted of one unmanned and three manned missions flown between May 1973, and February 1974. The spacecraft orbited 270 miles (430 km) above the Earth and acquired photographs and images of selected areas between latitudes 50° N and 50° S. The data cover a number of scattered test sites selected to support Earth resources experiments. The photographs, however, do not provide complete systematic coverage of the Earth's surface.

Photographic data from the S190-A and S190-B experiments are available from the EROS Data Center.

S190-A - Multispectral Photographic Cameras consisted of six cameras, with 6-inch focal length lenses and 70 mm film. The films used were filtered black-and-white, color, and false-color infrared. The area covered by each image is 100 x 100 miles (160 x 160 km).

S190-B - Earth Terrain Camera is a single camera with 18-inch focal length lens using 5-inch (127 mm) film. Various black-and-white, color, and false-color infrared films were used in the camera. The area covered by each frame of this system was 70 x 70 miles (110 x 110 km).

CONTACT NUMBER 0004531002 TERMINAL T83A3Z
BONNER/.AS

DATA TYPE PHOTO-SINGLE

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO-DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM
MANNED-SAT-SKYLAB-S190A	G4JA059333000	CIR-02.2"	**8**	90%	01/24/74	N48D34M36S W112D40M54S	1:2,935,035	0003170787
CORNER POINT COORDINATES=#1:N49D29M48S W113D30M42S,#2:N48D01M36S W114D03M18S,#3:N47D39M06S W111D52M48S,#4:N49D06M24S W111D16M30S								
MANNED-SAT-SKYLAB-S190A	G4JA071333000	B&W-02.2"	**8**	90%	01/24/74	N48D34M36S W112D40M54S	1:2,935,035	0003241262
CORNER POINT COORDINATES=#1:N49D29M48S W113D30M42S,#2:N48D01M36S W114D03M18S,#3:N47D39M06S W111D52M48S,#4:N49D06M24S W111D16M30S								
MANNED-SAT-SKYLAB-S190A	G4JA073333000	COL-02.2"	**8**	90%	01/24/74	N48D34M36S W112D40M54S	1:2,935,035	0003171203
CORNER POINT COORDINATES=#1:N49D29M48S W113D30M42S,#2:N48D01M36S W114D03M18S,#3:N47D39M06S W111D52M48S,#4:N49D06M24S W111D16M30S								
MANNED-SAT-SKYLAB-S190A	G4JA063333000	BIR-02.2"	**8**	90%	01/24/74	N48D34M36S W112D40M54S	1:2,935,035	0003240796
CORNER POINT COORDINATES=#1:N49D29M48S W113D30M42S,#2:N48D01M36S W114D03M18S,#3:N47D39M06S W111D52M48S,#4:N49D06M24S W111D16M30S								
MANNED-SAT-SKYLAB-S190A	G4JA067333000	BIR-02.2"	**8**	90%	01/24/74	N48D34M36S W112D40M54S	1:2,935,035	0003240334
CORNER POINT COORDINATES=#1:N49D29M48S W113D30M42S,#2:N48D01M36S W114D03M18S,#3:N47D39M06S W111D52M48S,#4:N49D06M24S W111D16M30S								
MANNED-SAT-SKYLAB-S190A	G4JA072333000	B&W-02.2"	**8**	90%	01/24/74	N48D34M36S W112D40M54S	1:2,935,035	0003241703
CORNER POINT COORDINATES=#1:N49D29M48S W113D30M42S,#2:N48D01M36S W114D03M18S,#3:N47D39M06S W111D52M48S,#4:N49D06M24S W111D16M30S								
MANNED-SAT-SKYLAB-S190A	G4JA069332000	BIR-02.2"	**8**	90%	01/24/74	N48D44M00S W113D34M42S	1:2,935,835	0003240795
CORNER POINT COORDINATES=#1:N49D38M54S W114D25M48S,#2:N48D10M24S W114D57M06S,#3:N47D49M00S W112D45M36S,#4:N49D16M36S W112D10M42S								
MANNED-SAT-SKYLAB-S190A	G4JA067332000	BIR-02.2"	**8**	90%	01/24/74	N48D44M00S W113D34M42S	1:2,935,835	0003240333
CORNER POINT COORDINATES=#1:N49D38M54S W114D25M48S,#2:N48D10M24S W114D57M06S,#3:N47D49M00S W112D45M36S,#4:N49D16M36S W112D10M42S								
MANNED-SAT-SKYLAB-S190A	G4JA072332000	B&W-02.2"	**8**	90%	01/24/74	N48D44M00S W113D34M42S	1:2,935,835	0003241702
CORNER POINT COORDINATES=#1:N49D38M54S W114D25M48S,#2:N48D10M24S W114D57M06S,#3:N47D49M00S W112D45M36S,#4:N49D16M36S W112D10M42S								
MANNED-SAT-SKYLAB-S190A	G4JA073332000	COL-02.2"	**8**	90%	01/24/74	N48D44M00S W113D34M42S	1:2,935,835	0003171202
CORNER POINT COORDINATES=#1:N49D38M54S W114D25M48S,#2:N48D10M24S W114D57M06S,#3:N47D49M00S W112D45M36S,#4:N49D16M36S W112D10M42S								
MANNED-SAT-SKYLAB-S190A	G4JA071332000	B&W-02.2"	**8**	90%	01/24/74	N48D44M00S W113D34M42S	1:2,935,835	0003241261
CORNER POINT COORDINATES=#1:N49D38M54S W114D25M48S,#2:N48D10M24S W114D57M06S,#3:N47D49M00S W112D45M36S,#4:N49D16M36S W112D10M42S								
MANNED-SAT-SKYLAB-S190A	G4JA069332000	CIR-02.2"	**8**	90%	01/24/74	N48D44M00S W113D34M42S	1:2,935,835	0003170786
CORNER POINT COORDINATES=#1:N49D38M54S W114D25M48S,#2:N48D10M24S W114D57M06S,#3:N47D49M00S W112D45M36S,#4:N49D16M36S W112D10M42S								
MANNED-SAT-SKYLAB-S190A	G4JA069330000	CIR-02.2"	**8**	90%	01/24/74	N49D01M48S W115D23M48S	1:2,937,435	0003170784
CORNER POINT COORDINATES=#1:N49D55M42S W116D17M12S,#2:N48D26M42S W116D45M12S,#3:N48D07M24S W114D32M24S,#4:N49D35M42S W114D00M24S								
MANNED-SAT-SKYLAB-S190A	G4JA073330000	COL-02.2"	**8**	90%	01/24/74	N49D01M48S W115D23M48S	1:2,937,435	0003171200
CORNER POINT COORDINATES=#1:N49D55M42S W116D17M12S,#2:N48D26M42S W116D45M12S,#3:N48D07M24S W114D32M24S,#4:N49D35M42S W114D00M24S								
MANNED-SAT-SKYLAB-S190A	G4JA067330000	BIR-02.2"	**8**	90%	01/24/74	N49D01M48S W115D23M48S	1:2,937,435	0003240331
CORNER POINT COORDINATES=#1:N49D55M42S W116D17M12S,#2:N48D26M42S W116D45M12S,#3:N48D07M24S W114D32M24S,#4:N49D35M42S W114D00M24S								
MANNED-SAT-SKYLAB-S190A	G4JA071330000	B&W-02.2"	**8**	90%	01/24/74	N49D01M48S W115D23M48S	1:2,937,435	0003241259
CORNER POINT COORDINATES=#1:N49D55M42S W116D17M12S,#2:N48D26M42S W116D45M12S,#3:N48D07M24S W114D32M24S,#4:N49D35M42S W114D00M24S								
MANNED-SAT-SKYLAB-S190A	G4JA068330000	BIR-02.2"	**8**	90%	01/24/74	N49D01M48S W115D23M48S	1:2,937,435	0003240793
CORNER POINT COORDINATES=#1:N49D55M42S W116D17M12S,#2:N48D26M42S W116D45M12S,#3:N48D07M24S W114D32M24S,#4:N49D35M42S W114D00M24S								

CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/LAS

DATA TYPE PHOTO-SINGLE

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXP	O-DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM
MANNED-SAT-SKYLAB-S190A	G4JA072330000	BLW-02.2"	**8**	90%		01/24/74	N49D01M48S W115D23M48S	1:2,937,635	0003261700
CORNER POINT COORDINATES=#1:N49D55M42S W116D17M12S,#2:N48D26M42S W116D45M12S,#3:N48D07M24S W114D32M24S,#4:N49D35M42S W116D00M24S									
MANNED-SAT-SKYLAB-S190A	G4JA067331000	BIR-02.2"	**8**	90%		01/24/74	N48D53M00S W114D29M06S	1:2,936,635	0003240332
CORNER POINT COORDINATES=#1:N49D47M30S W115D21M12S,#2:N48D18M42S W115D50M48S,#3:N47D58M18S W113D38M42S,#4:N49D26M18S W113D05M24S									
MANNED-SAT-SKYLAB-S190A	G4JA069331000	CIR-02.2"	**8**	90%		01/24/74	N48D53M00S W114D29M06S	1:2,936,635	0003176785
CORNER POINT COORDINATES=#1:N49D47M30S W115D21M12S,#2:N48D18M42S W115D50M48S,#3:N47D58M18S W113D38M42S,#4:N49D26M18S W113D05M24S									
MANNED-SAT-SKYLAB-S190A	G4JA072331000	BLW-02.2"	**8**	90%		01/24/74	N48D53M00S W114D29M06S	1:2,936,635	0003241701
CORNER POINT COORDINATES=#1:N49D47M30S W115D21M12S,#2:N48D18M42S W115D50M48S,#3:N47D58M18S W113D38M42S,#4:N49D26M18S W113D05M24S									
MANNED-SAT-SKYLAB-S190A	G4JA069331000	BIR-02.2"	**8**	90%		01/24/74	N48D53M00S W114D29M06S	1:2,936,635	0003260794
CORNER POINT COORDINATES=#1:N49D47M30S W115D21M12S,#2:N48D18M42S W115D50M48S,#3:N47D58M18S W113D38M42S,#4:N49D26M18S W113D05M24S									
MANNED-SAT-SKYLAB-S190A	G4JA071331000	COL-02.2"	**8**	90%		01/24/74	N48D53M00S W114D29M06S	1:2,936,635	0003171201
CORNER POINT COORDINATES=#1:N49D47M30S W115D21M12S,#2:N48D18M42S W115D50M48S,#3:N47D58M18S W113D38M42S,#4:N49D26M18S W113D05M24S									
MANNED-SAT-SKYLAB-S190A	G4JA071331000	BLW-02.2"	**8**	90%		01/24/74	N48D53M00S W114D29M06S	1:2,936,635	0003241260
CORNER POINT COORDINATES=#1:N49D47M30S W115D21M12S,#2:N48D18M42S W115D50M48S,#3:N47D58M18S W113D38M42S,#4:N49D26M18S W113D05M24S									
MANNED-SAT-SKYLAB-S190B	G3JA089309000	COL-04.5"	**8**	90%		09/20/73	N48D19M54S W112D55M48S	1:950,000	0003131843
CORNER POINT COORDINATES=#1:N49D55M42S W113D26M06S,#2:N47D59M36S W113D48M54S,#3:N47D44M06S W112D26M06S,#4:N48D39M49S W112D01M42S									
MANNED-SAT-SKYLAB-S190A	G3JA046250000	BLW-02.2"	**8**	90%		09/20/73	N48D23M00S W113D14M54S	1:2,820,434	0003091670
CORNER POINT COORDINATES=#1:N49D16M24S W114D01M42S,#2:N47D52M00S W114D34M42S,#3:N47D29M18S W112D30M06S,#4:N48D53M12S W111D53M48S									
MANNED-SAT-SKYLAB-S190A	G3JA046250000	COL-02.2"	**8**	90%		09/20/73	N48D23M00S W113D14M54S	1:2,820,434	0003111696
CORNER POINT COORDINATES=#1:N49D16M24S W114D01M42S,#2:N47D52M00S W114D34M42S,#3:N47D29M18S W112D30M06S,#4:N48D53M12S W111D53M48S									
MANNED-SAT-SKYLAB-S190A	G3JA046250000	CIR-02.2"	**8**	90%		09/20/73	N48D23M00S W113D14M54S	1:2,820,434	0003111343
CORNER POINT COORDINATES=#1:N49D16M24S W114D01M42S,#2:N47D52M00S W114D34M42S,#3:N47D29M18S W112D30M06S,#4:N48D53M12S W111D53M48S									
MANNED-SAT-SKYLAB-S190A	G3JA047250000	BLW-02.2"	**8**	90%		09/20/73	N48D23M00S W113D14M54S	1:2,820,434	0003091317
CORNER POINT COORDINATES=#1:N49D16M24S W114D01M42S,#2:N47D52M00S W114D34M42S,#3:N47D29M18S W112D30M06S,#4:N48D53M12S W111D53M48S									
MANNED-SAT-SKYLAB-S190A	G3JA045250000	BIR-02.2"	**8**	90%		09/20/73	N48D23M00S W113D14M54S	1:2,820,434	0003090964
CORNER POINT COORDINATES=#1:N49D16M24S W114D01M42S,#2:N47D52M00S W114D34M42S,#3:N47D29M18S W112D30M06S,#4:N48D53M12S W111D53M48S									
MANNED-SAT-SKYLAB-S190B	G3JB089308000	COL-04.5"	**8**	90%		09/20/73	N48D26M42S W113D30M24S	1:950,000	0003131842
CORNER POINT COORDINATES=#1:N49D02M36S W114D01M24S,#2:N48D06M06S W114D23M43S,#3:N47D50M54S W113D30M24S,#4:N48D46M48S W112D36M42S									
MANNED-SAT-SKYLAB-S190A	G3JA045250000	BIR-02.2"	**8**	90%		09/20/73	N48D23M00S W113D14M54S	1:2,820,434	0003090811
CORNER POINT COORDINATES=#1:N49D16M24S W114D01M42S,#2:N47D52M00S W114D34M42S,#3:N47D29M18S W112D30M06S,#4:N48D53M12S W111D53M48S									
MANNED-SAT-SKYLAB-S190A	G3JA043249000	BIR-02.2"	**8**	90%		09/20/73	N48D42M36S W115D02M42S	1:2,820,634	0003090810
CORNER POINT COORDINATES=#1:N49D35M12S W115D51M30S,#2:N48D10M18S W116D21M30S,#3:N47D49M42S W114D15M12S,#4:N49D13M54S W113D42M18S									
MANNED-SAT-SKYLAB-S190A	G3JA045249000	CIR-02.2"	**5**	90%		09/20/73	N48D42M36S W115D02M42S	1:2,820,634	0003111342
CORNER POINT COORDINATES=#1:N49D35M12S W115D51M30S,#2:N48D10M18S W116D21M30S,#3:N47D49M42S W114D15M12S,#4:N49D13M54S W113D42M18S									

CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/LAS

DATA TYPE PHOTO-SINGLE

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO-DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM
MANNED-SAT-SKYLAB-S190A	G30A045249000	B&W-02.2"	**8**	90%	09/20/73	N48D42M36S W115D02M42S	1:2,820,634	0003091369
CORNER POINT COORDINATES=#1:N49D35M12S W115D51M30S,#2:N48D10M18S W116D21M33S,#3:N47D49M42S W114D15M12S,#4:N49D13M54S W113D42M18S								
MANNED-SAT-SKYLAB-S190A	G30A047249000	COL-02.2"	**8**	90%	09/20/73	N48D42M36S W115D02M42S	1:2,820,634	0003111625
CORNER POINT COORDINATES=#1:N49D35M12S W115D51M30S,#2:N48D10M18S W116D21M33S,#3:N47D49M42S W114D15M12S,#4:N49D13M54S W113D42M18S								
MANNED-SAT-SKYLAB-S190A	G30A047249000	B&W-02.2"	**8**	90%	09/20/73	N48D42M36S W115D02M42S	1:2,820,634	0003091316
CORNER POINT COORDINATES=#1:N49D35M12S W115D51M30S,#2:N48D10M18S W116D21M33S,#3:N47D49M42S W114D15M12S,#4:N49D13M54S W113D42M18S								
MANNED-SAT-SKYLAB-S190A	G30A046249000	BIR-02.2"	**8**	90%	09/20/73	N48D42M36S W115D02M42S	1:2,820,634	0003090963
CORNER POINT COORDINATES=#1:N49D35M12S W115D51M30S,#2:N48D10M18S W116D21M33S,#3:N47D49M42S W114D15M12S,#4:N49D13M54S W113D42M18S								
MANNED-SAT-SKYLAB-S190B	G30B088307000	COL-04.5"	**8**	90%	09/20/73	N48D33M24S W114D06M00S	1:950,000	0003131841
CORNER POINT COORDINATES=#1:N49D08M48S W114D37M18S,#2:N48D12M36S W114D59M06S,#3:N47D58M00S W113D35M18S,#4:N48D53M48S W113D12M18S								
MANNED-SAT-SKYLAB-S190B	G30B088306000	COL-04.5"	**8**	90%	09/20/73	N48D39M18S W114D40M36S	1:950,000	0003131840
CORNER POINT COORDINATES=#1:N49D14M24S W115D12M12S,#2:N48D18M12S W115D33M18S,#3:N48D03M54S W114D39M18S,#4:N48D59M54S W113D46M54S								
MANNED-SAT-SKYLAB-S190B	G30B081283000	COL-04.5"	**8**	20%	06/10/73	N48D21M12S W112D39M18S	1:950,000	0003030285
CORNER POINT COORDINATES=#1:N48D57M30S W113D10M54S,#2:N48D00M06S W113D34M00S,#3:N47D44M48S W112D08M36S,#4:N48D41M48S W111D44M36S								
MANNED-SAT-SKYLAB-S190A	G20A011203000	B&W-02.2"	**8**	20%	06/10/73	N48D19M12S W112D25M48S	1:2,881,035	0003010582
CORNER POINT COORDINATES=#1:N49D13M54S W113D13M18S,#2:N47D47M42S W113D47M12S,#3:N47D24M18S W111D40M00S,#4:N48D49M54S W111D02M42S								
MANNED-SAT-SKYLAB-S190A	G20A008203000	BIR-02.2"	**8**	20%	06/10/73	N48D19M12S W112D25M48S	1:2,881,035	0003001585
CORNER POINT COORDINATES=#1:N49D13M54S W113D13M18S,#2:N47D47M42S W113D47M12S,#3:N47D24M18S W111D40M00S,#4:N48D49M54S W111D02M42S								
MANNED-SAT-SKYLAB-S190A	G20A009219000	CIR-02.2"	**8**	20%	06/10/73	N48D19M12S W112D25M48S	1:2,881,035	0003020581
CORNER POINT COORDINATES=#1:N49D13M54S W113D13M18S,#2:N47D47M42S W113D47M12S,#3:N47D24M18S W111D40M00S,#4:N48D49M54S W111D02M42S								
MANNED-SAT-SKYLAB-S190A	G20A013219000	COL-02.2"	**8**	20%	06/10/73	N48D19M12S W112D25M48S	1:2,881,035	0003021585
CORNER POINT COORDINATES=#1:N49D13M54S W113D13M18S,#2:N47D47M42S W113D47M12S,#3:N47D24M18S W111D40M00S,#4:N48D49M54S W111D02M42S								
MANNED-SAT-SKYLAB-S190A	G20A007203000	BIR-02.2"	**8**	20%	06/10/73	N48D19M12S W112D25M48S	1:2,881,035	0003030581
CORNER POINT COORDINATES=#1:N49D13M54S W113D13M18S,#2:N47D47M42S W113D47M12S,#3:N47D24M18S W111D40M00S,#4:N48D49M54S W111D02M42S								
MANNED-SAT-SKYLAB-S190A	G20A012203000	B&W-02.2"	**8**	20%	06/10/73	N48D19M12S W112D25M48S	1:2,881,035	0003011586
CORNER POINT COORDINATES=#1:N49D13M54S W113D13M18S,#2:N47D47M42S W113D47M12S,#3:N47D24M18S W111D40M00S,#4:N48D49M54S W111D02M42S								
MANNED-SAT-SKYLAB-S190B	G20B081281000	COL-04.5"	**5**	40%	06/10/73	N48D33M18S W113D42M54S	1:950,000	0003030283
CORNER POINT COORDINATES=#1:N49D09M24S W114D15M30S,#2:N48D11M54S W114D37M00S,#3:N47D57M12S W113D11M18S,#4:N48D54M24S W112D48M12S								
MANNED-SAT-SKYLAB-S190A	G20A010217000	COL-02.2"	**8**	40%	06/10/73	N48D35M12S W113D50M30S	1:2,880,635	0003021583
CORNER POINT COORDINATES=#1:N49D29M18S W114D39M54S,#2:N48D02M36S W115D11M12S,#3:N47D41M00S W113D03M00S,#4:N49D06M48S W112D27M48S								
MANNED-SAT-SKYLAB-S190A	G20A009217000	CIR-02.2"	**8**	40%	06/10/73	N48D35M12S W113D50M30S	1:2,880,635	0003020579
CORNER POINT COORDINATES=#1:N49D29M18S W114D39M54S,#2:N48D02M36S W115D11M12S,#3:N47D41M00S W113D03M00S,#4:N49D06M48S W112D27M48S								
MANNED-SAT-SKYLAB-S190A	G20A011201000	B&W-02.2"	**8**	40%	06/10/73	N48D35M12S W113D50M30S	1:2,880,635	0003010580
CORNER POINT COORDINATES=#1:N49D29M18S W114D39M54S,#2:N48D02M36S W115D11M12S,#3:N47D41M00S W113D03M00S,#4:N49D06M48S W112D27M48S								

CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/_AS

DATA TYPE PHOTO-SINGLE

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO-DATE	SCENE-CENTER-POINT	SCENE-SCALE	NICROFORM
MANNED-SAT-SKYLAB-S190A	G2JA012201300	B&W-02.2"	**8**	40%	06/10/73	N48D35M12S W113D50M30S	1:2,880,635	0003011384
CORNER POINT COORDINATES=#1:N49D29M13S W114D39M54S,#2:N48D02M36S W115D11M12S,#3:N47D41M00S W113D03M00S,#4:N49D06M48S W112D27M48S								
MANNED-SAT-SKYLAB-S190A	G2JA007201300	BIR-02.2"	**8**	40%	06/10/73	N48D35M12S W113D50M30S	1:2,880,635	0003000579
CORNER POINT COORDINATES=#1:N49D29M18S W114D39M54S,#2:N48D02M36S W115D11M12S,#3:N47D41M00S W113D03M00S,#4:N49D06M48S W112D27M48S								
MANNED-SAT-SKYLAB-S190A	G2JA005201300	BIR-02.2"	**8**	40%	06/10/73	N48D35M12S W113D50M30S	1:2,880,635	0003011583
CORNER POINT COORDINATES=#1:N49D29M13S W114D39M54S,#2:N48D02M36S W115D11M12S,#3:N47D41M00S W113D03M00S,#4:N49D06M48S W112D27M48S								
MANNED-SAT-SKYLAB-S190A	G2JA007200000	BIR-02.2"	**8**	40%	06/10/73	N48D43M00S W114D34M18S	1:2,880,235	0003000578
CORNER POINT COORDINATES=#1:N49D36M42S W115D24M42S,#2:N48D09M54S W115D55M00S,#3:N47D49M06S W113D46M12S,#4:N49D15M06S W113D12M12S								
MANNED-SAT-SKYLAB-S190A	G2JA012200300	B&W-02.2"	**8**	40%	06/10/73	N48D43M00S W114D34M18S	1:2,880,235	0003011583
CORNER POINT COORDINATES=#1:N49D36M42S W115D24M42S,#2:N48D09M54S W115D55M00S,#3:N47D49M06S W113D46M12S,#4:N49D15M06S W113D12M12S								
MANNED-SAT-SKYLAB-S190A	G2JA009200300	BIR-02.2"	**8**	40%	06/10/73	N48D43M00S W114D34M18S	1:2,880,235	0003001582
CORNER POINT COORDINATES=#1:N49D36M42S W115D24M42S,#2:N48D09M54S W115D55M00S,#3:N47D49M06S W113D46M12S,#4:N49D15M06S W113D12M12S								
MANNED-SAT-SKYLAB-S190A	G2JA011200000	B&W-02.2"	**8**	40%	06/10/73	N48D43M00S W114D34M18S	1:2,880,235	0003010579
CORNER POINT COORDINATES=#1:N49D36M42S W115D24M42S,#2:N48D09M54S W115D55M00S,#3:N47D49M06S W113D46M12S,#4:N49D15M06S W113D12M12S								
MANNED-SAT-SKYLAB-S190A	G2JA012216300	COL-02.2"	**8**	40%	06/10/73	N48D43M00S W114D34M18S	1:2,880,235	0003021582
CORNER POINT COORDINATES=#1:N49D36M42S W115D24M42S,#2:N48D09M54S W115D55M00S,#3:N47D49M06S W113D46M12S,#4:N49D15M06S W113D12M12S								
MANNED-SAT-SKYLAB-S190A	G2JA009216300	CIR-02.2"	**8**	40%	06/10/73	N48D43M00S W114D34M18S	1:2,880,235	0003020578
CORNER POINT COORDINATES=#1:N49D36M42S W115D24M42S,#2:N48D09M54S W115D55M00S,#3:N47D49M06S W113D46M12S,#4:N49D15M06S W113D12M12S								
MANNED-SAT-SKYLAB-S190B	G2JB081280300	COL-04.5"	**5**	50%	06/10/73	N48D38M54S W114D14M30S	1:950,000	0003030282
CORNER POINT COORDINATES=#1:N49D14M42S W114D47M30S,#2:N48D17M06S W115D08M36S,#3:N48D02M48S W113D42M30S,#4:N49D00M12S W113D19M48S								
MANNED-SAT-SKYLAB-S190B	G2JB081279300	COL-04.5"	**5**	50%	06/10/73	N48D44M30S W114D46M48S	1:950,000	0003030281
CORNER POINT COORDINATES=#1:N49D20M18S W115D20M24S,#2:N48D22M24S W115D40M30S,#3:N48D08M42S W114D14M30S,#4:N49D06M18S W113D52M24S								
MANNED-SAT-SKYLAB-S190A	G2JA013218300	COL-02.2"	**8**	30%	06/10/73	N48D27M36S W113D09M00S	1:2,880,835	0003021584
CORNER POINT COORDINATES=#1:N49D22M06S W113D57M24S,#2:N47D55M36S W114D30M06S,#3:N47D33M06S W112D22M12S,#4:N48D58M42S W111D45M54S								
MANNED-SAT-SKYLAB-S190B	G2JB081282300	COL-04.5"	**5**	30%	06/10/73	N48D27M18S W113D10M54S	1:950,000	0003030284
CORNER POINT COORDINATES=#1:N49D03M36S W113D42M54S,#2:N48D06M12S W114D05M00S,#3:N47D51M00S W112D39M36S,#4:N48D48M12S W112D15M54S								
MANNED-SAT-SKYLAB-S190A	G2JA009218300	CIR-02.2"	**8**	30%	06/10/73	N48D27M36S W113D09M00S	1:2,880,835	0003020580
CORNER POINT COORDINATES=#1:N49D22M06S W113D57M24S,#2:N47D55M36S W114D30M06S,#3:N47D33M06S W112D22M12S,#4:N48D58M42S W111D45M54S								
MANNED-SAT-SKYLAB-S190A	G2JA011202300	B&W-02.2"	**8**	30%	06/10/73	N48D27M36S W113D09M00S	1:2,880,835	0003010581
CORNER POINT COORDINATES=#1:N49D22M06S W113D57M24S,#2:N47D55M36S W114D30M06S,#3:N47D33M06S W112D22M12S,#4:N48D58M42S W111D45M54S								
MANNED-SAT-SKYLAB-S190A	G2JA012202300	B&W-02.2"	**8**	30%	06/10/73	N48D27M36S W113D09M00S	1:2,880,835	0003011585
CORNER POINT COORDINATES=#1:N49D22M06S W113D57M24S,#2:N47D55M36S W114D30M06S,#3:N47D33M06S W112D22M12S,#4:N48D58M42S W111D45M54S								
MANNED-SAT-SKYLAB-S190A	G2JA005202300	BIR-02.2"	**8**	30%	06/10/73	N48D27M36S W113D09M00S	1:2,880,835	0003001584
CORNER POINT COORDINATES=#1:N49D22M06S W113D57M24S,#2:N47D55M36S W114D30M06S,#3:N47D33M06S W112D22M12S,#4:N48D58M42S W111D45M54S								

CONTACT NUMBER 0004531002 TERMINAL TB3A32
BONNER/LAS

DATA TYPE PHOTO-SINGLE

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO-DATE	SCENE-CENTER-POINT	SCENE-SCALE	ATCROFORM
MANNED-SAT-SKYLAB-S190A	G20A007202000	BIR-02.2"	**8**	30%	06/10/73	N48D27M36S W113D09M00S	1:2,880,035	0003000580
CORNER POINT COORDINATES=#1:N49D22M06S W113D57M24S,#2:N47D55M36S W114D30M06S,#3:N47D33M06S W112D22M12S,#4:N48D58M42S W111D46M54S								
MANNED-SAT-SKYLAB-S190A	G20A011199000	B&W-02.2"	**8**	30%	06/10/73	N48D50M24S W115D18M12S	1:2,880,035	0003010578
CORNER POINT COORDINATES=#1:N49D44M00S W116D09M18S,#2:N48D16M48S W116D38M18S,#3:N47D56M48S W114D28M48S,#4:N49D23M12S W113D56M06S								
MANNED-SAT-SKYLAB-S190A	G20A012199000	B&W-02.2"	**8**	30%	06/10/73	N48D50M24S W115D18M12S	1:2,880,035	0003011582
CORNER POINT COORDINATES=#1:N49D44M00S W116D09M18S,#2:N48D16M48S W116D38M18S,#3:N47D56M48S W114D28M48S,#4:N49D23M12S W113D56M06S								
MANNED-SAT-SKYLAB-S190A	G20A007199000	BIR-02.2"	**8**	30%	06/10/73	N48D50M24S W115D18M12S	1:2,880,035	0003000577
CORNER POINT COORDINATES=#1:N49D44M00S W116D09M18S,#2:N48D16M48S W116D38M18S,#3:N47D56M48S W114D28M48S,#4:N49D23M12S W113D56M06S								
MANNED-SAT-SKYLAB-S190A	G20A013215000	COL-02.2"	**8**	30%	06/10/73	N48D50M24S W115D18M12S	1:2,880,035	0003021581
CORNER POINT COORDINATES=#1:N49D44M00S W116D09M18S,#2:N48D16M48S W116D38M18S,#3:N47D56M48S W114D28M48S,#4:N49D23M12S W113D56M06S								
MANNED-SAT-SKYLAB-S190A	G20A008199000	BIR-02.2"	**8**	30%	06/10/73	N48D50M24S W115D18M12S	1:2,880,035	0003001581
CORNER POINT COORDINATES=#1:N49D44M00S W116D09M18S,#2:N48D16M48S W116D38M18S,#3:N47D56M48S W114D28M48S,#4:N49D23M12S W113D56M06S								
MANNED-SAT-SKYLAB-S190A	G20A009215000	CIR-02.2"	**8**	30%	06/10/73	N48D50M24S W115D18M12S	1:2,880,035	0003020577
CORNER POINT COORDINATES=#1:N49D44M00S W116D09M18S,#2:N48D16M48S W116D38M18S,#3:N47D56M48S W114D28M48S,#4:N49D23M12S W113D56M06S								
MANNED-SAT-SKYLAB-S190A	G20A012098000	B&W-02.2"	**8**	90%	06/09/73	N47D27M42S W113D13M54S	1:2,885,635	0003011481
CORNER POINT COORDINATES=#1:N48D23M54S W113D56M06S,#2:N46D59M00S W114D36M36S,#3:N46D31M00S W112D33M24S,#4:N47D55M12S W111D50M12S								
MANNED-SAT-SKYLAB-S190A	G20A007098000	BIR-02.2"	**8**	90%	06/09/73	N47D37M24S W113D55M48S	1:2,885,435	0003020475
CORNER POINT COORDINATES=#1:N48D33M24S W114D39M00S,#2:N47D08M12S W115D18M12S,#3:N46D41M00S W113D14M18S,#4:N48D05M24S W112D32M06S								
MANNED-SAT-SKYLAB-S190A	G20A009106000	CIR-02.2"	**8**	90%	06/09/73	N47D27M42S W113D13M54S	1:2,885,635	0003020476
CORNER POINT COORDINATES=#1:N48D23M54S W113D56M06S,#2:N46D59M00S W114D36M36S,#3:N46D31M00S W112D33M24S,#4:N47D55M12S W111D50M12S								
MANNED-SAT-SKYLAB-S190A	G20A007098000	BIR-02.2"	**8**	90%	06/09/73	N47D27M42S W113D13M54S	1:2,885,635	0003000476
CORNER POINT COORDINATES=#1:N48D23M54S W113D56M06S,#2:N46D59M00S W114D36M36S,#3:N46D31M00S W112D33M24S,#4:N47D55M12S W111D50M12S								
MANNED-SAT-SKYLAB-S190A	G20A011098000	B&W-02.2"	**8**	90%	06/09/73	N47D27M42S W113D13M54S	1:2,885,635	0003010477
CORNER POINT COORDINATES=#1:N48D23M54S W113D56M06S,#2:N46D59M00S W114D36M36S,#3:N46D31M00S W112D33M24S,#4:N47D55M12S W111D50M12S								
MANNED-SAT-SKYLAB-S190A	G20A012097000	B&W-02.2"	**8**	90%	06/09/73	N47D37M24S W113D55M48S	1:2,885,435	0003011480
CORNER POINT COORDINATES=#1:N48D33M24S W114D39M00S,#2:N47D08M12S W115D18M12S,#3:N46D41M00S W113D14M18S,#4:N48D05M24S W112D32M06S								
MANNED-SAT-SKYLAB-S190A	G20A010105000	COL-02.2"	**5**	90%	06/09/73	N47D37M24S W113D55M48S	1:2,885,435	0003021478
CORNER POINT COORDINATES=#1:N48D33M24S W114D39M00S,#2:N47D08M12S W115D18M12S,#3:N46D41M00S W113D14M18S,#4:N48D05M24S W112D32M06S								
MANNED-SAT-SKYLAB-S190A	G20A010106000	COL-02.2"	**5**	90%	06/09/73	N47D27M42S W113D13M54S	1:2,885,635	0003021479
CORNER POINT COORDINATES=#1:N48D23M54S W113D56M06S,#2:N46D59M00S W114D36M36S,#3:N46D31M00S W112D33M24S,#4:N47D55M12S W111D50M12S								
MANNED-SAT-SKYLAB-S190A	G20A009105000	CIR-02.2"	**8**	90%	06/09/73	N47D37M24S W113D55M48S	1:2,885,435	0003020475
CORNER POINT COORDINATES=#1:N48D33M24S W114D39M00S,#2:N47D08M12S W115D18M12S,#3:N46D41M00S W113D14M18S,#4:N48D05M24S W112D32M06S								
MANNED-SAT-SKYLAB-S190A	G20A009097000	BIR-02.2"	**8**	90%	06/09/73	N47D37M24S W113D55M48S	1:2,885,435	0003021479
CORNER POINT COORDINATES=#1:N48D33M24S W114D39M00S,#2:N47D08M12S W115D18M12S,#3:N46D41M00S W113D14M18S,#4:N48D05M24S W112D32M06S								

EROS DATA CENTER
SIOUX FALLS, SOUTH DAKOTA 57198
PHONE 605-594-6511 FEDERAL TELECOMMUNICATIONS SYSTEM PHONES USE 784-7151

DATE 09/01/78
TIME 08:31
PAGE 38

CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/LAS

DATA TYPE PHOTO-SINGLE

IMAGERY-TYPE	SCENE ID	FILM-SOURCE	QUALITY	CLOUD	EXPO-DATE	SCENE-CENTER-POINT	SCENE-SCALE	NTCROFORM
MANNED-SAT-SKYLAB-S190A	G2JA001098000	BIR-02.2"	**8**	90%	06/09/73	N47027M42S W113013M54S	1:2,885,635	0003031480
CORNER POINTS COORDINATES=#1:N48023M54S W113056M06S,#2:N46059M00S W114036M36S,#3:N46031M00S W112053M24S,#4:N47055M12S W111050M12S								
MANNED-SAT-SKYLAB-S190A	G2JA011097000	BEW-02.2"	**8**	90%	06/09/73	N47037M24S W113055M48S	1:2,885,635	0003010476
CORNER POINTS COORDINATES=#1:N48033M24S W114039M00S,#2:N47008M12S W115018M12S,#3:N46041M00S W113014M18S,#4:N48005M24S W112032M06S								
MANNED-SAT-SKYLAB-S190A	G2JA010103000	COL-02.2"	**5**	90%	06/09/73	N47056M42S W115021M48S	1:2,884,488	0003021476
CORNER POINTS COORDINATES=#1:N49051M48S W116006M30S,#2:N47026M42S W116044M06S,#3:N47001M36S W114057M06S,#4:N48026M42S W113059M30S								
MANNED-SAT-SKYLAB-S190A	G2JA009103000	CIR-02.2"	**8**	90%	06/09/73	N47055M42S W115021M48S	1:2,884,488	0003020473
CORNER POINTS COORDINATES=#1:N48051M48S W116006M30S,#2:N47026M42S W116044M06S,#3:N47001M36S W114057M06S,#4:N48026M42S W113059M30S								
MANNED-SAT-SKYLAB-S190A	G2JA013104000	COL-02.2"	**5**	90%	06/09/73	N47047M18S W114038M54S	1:2,885,235	0003021477
CORNER POINTS COORDINATES=#1:N48043M00S W115022M42S,#2:N47017M36S W116001M00S,#3:N46051M18S W113056M06S,#4:N48016M00S W113015M12S								
MANNED-SAT-SKYLAB-S190A	G2JA011096000	BEW-02.2"	**8**	90%	06/09/73	N47047M18S W114038M54S	1:2,885,235	0003010475
CORNER POINTS COORDINATES=#1:N48043M00S W115022M42S,#2:N47017M36S W116001M00S,#3:N46051M18S W113056M06S,#4:N48016M00S W113015M12S								
MANNED-SAT-SKYLAB-S190A	G2JA009104000	CIR-02.2"	**8**	90%	06/09/73	N47047M18S W114038M54S	1:2,885,235	0003020474
CORNER POINTS COORDINATES=#1:N48043M00S W115022M42S,#2:N47017M36S W116001M00S,#3:N46051M18S W113056M06S,#4:N48016M00S W113015M12S								
MANNED-SAT-SKYLAB-S190A	G2JA009096000	BIR-02.2"	**8**	90%	06/09/73	N47047M18S W114038M54S	1:2,885,235	0003001478
CORNER POINTS COORDINATES=#1:N48043M00S W115022M42S,#2:N47017M36S W116001M00S,#3:N46051M18S W113056M06S,#4:N48016M00S W113015M12S								
MANNED-SAT-SKYLAB-S190A	G2JA012096000	BEW-02.2"	**8**	90%	06/09/73	N47047M18S W114038M54S	1:2,885,235	0003011479
CORNER POINTS COORDINATES=#1:N48043M00S W115022M42S,#2:N47017M36S W116001M00S,#3:N46051M18S W113056M06S,#4:N48016M00S W113015M12S								
MANNED-SAT-SKYLAB-S190A	G2JA007096000	BIR-02.2"	**8**	90%	06/09/73	N47047M18S W114038M54S	1:2,885,235	0003030474
CORNER POINTS COORDINATES=#1:N48043M00S W115022M42S,#2:N47017M36S W116001M00S,#3:N46051M18S W113056M06S,#4:N48016M00S W113015M12S								
MANNED-SAT-SKYLAB-S190B	G2JB091134000	COL-04.5"	**8**	90%	06/09/73	N47049M54S W114049M12S	1:950,000	0003030136
CORNER POINTS COORDINATES=#1:N48027M00S W115030M12S,#2:N47030M18S W115043M36S,#3:N47012M42S W114020M30S,#4:N48009M12S W113053M30S								
MANNED-SAT-SKYLAB-S190B	G2JB081135000	COL-04.5"	**8**	90%	06/09/73	N47042M00S W114017M48S	1:950,000	0003030137
CORNER POINTS COORDINATES=#1:N48019M06S W114046M30S,#2:N47022M36S W115012M30S,#3:N47004M36S W113049M30S,#4:N48002M00S W113022M06S								
MANNED-SAT-SKYLAB-S190A	G2JA007095000	BIR-02.2"	**8**	90%	06/09/73	N47056M42S W115021M48S	1:2,884,488	0003020473
CORNER POINTS COORDINATES=#1:N48051M48S W116006M30S,#2:N47026M42S W116044M06S,#3:N47001M36S W114057M06S,#4:N48026M42S W113059M30S								
MANNED-SAT-SKYLAB-S190A	G2JA003095000	BIR-02.2"	**8**	90%	06/09/73	N47056M42S W115021M48S	1:2,884,488	0003001477
CORNER POINTS COORDINATES=#1:N48051M48S W116006M30S,#2:N47026M42S W116044M06S,#3:N47001M36S W114057M06S,#4:N48026M42S W113059M30S								
MANNED-SAT-SKYLAB-S190A	G2JA012095000	BEW-02.2"	**8**	90%	06/09/73	N47056M42S W115021M48S	1:2,884,488	0003011478
CORNER POINTS COORDINATES=#1:N48051M48S W116006M30S,#2:N47026M42S W116044M06S,#3:N47001M36S W114057M06S,#4:N48026M42S W113059M30S								
MANNED-SAT-SKYLAB-S190A	G2JA011095000	BEW-02.2"	**8**	90%	06/09/73	N47056M42S W115021M48S	1:2,884,488	0003010474
CORNER POINTS COORDINATES=#1:N48051M48S W116006M30S,#2:N47026M42S W116044M06S,#3:N47001M36S W114057M06S,#4:N48026M42S W113059M30S								

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NASA High-altitude Aerial Photographs are taken by the NASA Earth Resources Aircraft Program. High-altitude aerial photographs are available in black-and-white, color, or false-color infrared, and clearly show easily identifiable ground features such as roads, farms, and cities. NASA coverage is obtained from U-2 and RB-57 flights at altitudes of approximately 60,000 feet (18,000 m). In general, each high-altitude frame of a 9-inch (23 cm) film format photograph shows an area approximately 17 miles (27 km) on a side. Coverage is of pre-selected test sites within the continental United States and is not available for all areas.

EROS DATA CENTER
SIOUX FALLS, SOUTH DAKOTA 57198
PHONE 605-594-6511 FEDERAL TELECOMMUNICATIONS SYSTEM PHONES 605 784-7151

REPORT NO. DL001-1
DATE 08/31/78
TIME 09:34
PAGE 1

CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/LAS

95 ACCESSIONS

RECTANGLE RETRIEVAL

LATITUDE RANGE		LONGITUDE RANGE		AGENCY	QUALITY	CLOUD-COVER	RECORDING-TECH
N43D13M	N49D	113D18M	W114D24M	156	1	90%	VERTICAL

DATA TYPE PHOTO-SERIES

IMAGERY-TYPE	SCENE ID	FRAME(S)	FILM-SOURCE	QUAL	CLOUD	EXPO-DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM
NASA-AIRCRAFT-STANDARD	5720005521871	1871-1873	CIR-09.0"	**9**	10%	07/26/72	N48D33M42S W114D27M24S	1:123,000	0301711783
CORNER POINT COORDINATES=#1:N48D43M24S W114D23M54S,#2:N48D36M00S W114D41M54S,#3:N48D12M00S W114D20M42S,#4:N48D19M24S W114D02M54S									
NASA-AIRCRAFT-STANDARD	5720005490140	140-143	B&W-02.2"	**7**	10%	07/26/72	N48D50M42S W114D44M30S	1:420,000	0301080770
CORNER POINT COORDINATES=#1:N48D59M36S W114D42M06S,#2:N48D52M36S W114D57M54S,#3:N48D27M54S W114D33M48S,#4:N48D34M42S W114D17M54S									
NASA-AIRCRAFT-STANDARD	5720005500140	140-143	BIR-02.2"	**5**	10%	07/26/72	N48D50M42S W114D44M30S	1:420,000	0301080770
CORNER POINT COORDINATES=#1:N48D59M36S W114D42M06S,#2:N48D52M36S W114D57M54S,#3:N48D27M54S W114D33M48S,#4:N48D34M42S W114D17M54S									
NASA-AIRCRAFT-STANDARD	5720005521868	1868-1870	CIR-09.0"	**9**	10%	07/26/72	N48D50M30S W114D44M42S	1:124,000	0301711780
CORNER POINT COORDINATES=#1:N49D00M05S W114D39M48S,#2:N48D53M48S W114D59M00S,#3:N48D30M00S W114D35M48S,#4:N48D37M36S W114D18M30S									
NASA-AIRCRAFT-STANDARD	5720005480140	140-143	B&W-02.2"	**7**	10%	07/26/72	N48D50M42S W114D44M30S	1:420,000	0301080770
CORNER POINT COORDINATES=#1:N48D59M36S W114D42M36S,#2:N48D52M36S W114D57M54S,#3:N48D27M54S W114D33M48S,#4:N48D34M42S W114D17M54S									
NASA-AIRCRAFT-STANDARD	5720005490144	144-146	B&W-02.2"	**7**	20%	07/26/72	N48D32M00S W114D26M48S	1:422,000	0301080774
CORNER POINT COORDINATES=#1:N48D41M00S W114D24M00S,#2:N48D34M06S W114D40M00S,#3:N48D13M18S W114D20M42S,#4:N48D20M12S W114D04M36S									
NASA-AIRCRAFT-STANDARD	5720005480144	144-146	B&W-02.2"	**7**	20%	07/26/72	N48D32M00S W114D26M48S	1:422,000	0301080774
CORNER POINT COORDINATES=#1:N48D41M00S W114D24M00S,#2:N48D34M06S W114D40M00S,#3:N48D13M18S W114D20M42S,#4:N48D20M12S W114D04M36S									
NASA-AIRCRAFT-STANDARD	5720005500144	144-146	BIR-02.2"	**5**	20%	07/26/72	N48D32M00S W114D26M48S	1:422,000	0301080774
CORNER POINT COORDINATES=#1:N48D41M00S W114D24M00S,#2:N48D34M06S W114D40M00S,#3:N48D13M18S W114D20M42S,#4:N48D20M12S W114D04M36S									
NASA-AIRCRAFT-STANDARD	5720005521859	1859-1862	CIR-09.0"	**9**	40%	07/26/72	N48D04M00S W114D24M06S	1:125,000	0301711771
CORNER POINT COORDINATES=#1:N47D55M05S W114D31M18S,#2:N47D59M06S W114D11M00S,#3:N48D33M42S W114D28M54S,#4:N48D26M30S W114D47M12S									
NASA-AIRCRAFT-STANDARD	5720005490129	129-131	B&W-02.2"	**7**	40%	07/26/72	N48D02M42S W114D24M18S	1:424,000	0301080759
CORNER POINT COORDINATES=#1:N47D54M36S W114D30M36S,#2:N47D58M06S W114D12M30S,#3:N48D21M54S W114D22M30S,#4:N48D18M06S W114D40M42S									
NASA-AIRCRAFT-STANDARD	5720005480129	129-131	B&W-02.2"	**7**	40%	07/26/72	N48D02M42S W114D24M18S	1:424,000	0301080759
CORNER POINT COORDINATES=#1:N47D54M36S W114D30M36S,#2:N47D58M06S W114D12M30S,#3:N48D21M54S W114D22M30S,#4:N48D18M06S W114D40M42S									
NASA-AIRCRAFT-STANDARD	5720005500129	129-131	BIR-02.2"	**5**	40%	07/26/72	N48D02M42S W114D24M18S	1:424,000	0301080759
CORNER POINT COORDINATES=#1:N47D54M36S W114D30M36S,#2:N47D58M06S W114D12M30S,#3:N48D21M54S W114D22M30S,#4:N48D18M06S W114D40M42S									
NASA-AIRCRAFT-STANDARD	5720005500133	133-135	BIR-02.2"	**5**	50%	07/26/72	N48D25M18S W114D33M36S	1:0	0301080763
CORNER POINT COORDINATES=#1:N48D16M12S W114D36M48S,#2:N48D22M36S W114D17M54S,#3:N48D42M30S W114D42M36S,#4:N48D36M48S W114D57M18S									

DATA TYPE PHOTO-SERIES

IMAGERY-TYPE	SCENE ID	FRAME(S)	FILM-SOURCE	QUAL	CLOUD	EXPO-DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM
NASA-AIRCRAFT-STANDARD	5720005480133	133-135	B&W-02.2"	**7**	50%	07/26/72	N48D25M18S W114D33M36S	1:0	0301080763
CORNER POINT COORDINATES=#1:N48D16M12S W114D36M48S,#2:N48D22M36S W114D17M54S,#3:N48D42M30S W114D42M36S,#4:N48D34M48S W114D57M18S									
NASA-AIRCRAFT-STANDARD	5720005490133	133-135	B&W-02.2"	**7**	50%	07/26/72	N48D25M18S W114D33M36S	1:0	0301080763
CORNER POINT COORDINATES=#1:N48D16M12S W114D36M48S,#2:N48D22M36S W114D17M54S,#3:N48D42M30S W114D42M36S,#4:N48D34M48S W114D57M18S									
NASA-AIRCRAFT-STANDARD	5720005490147	147-157	B&W-02.2"	**7**	10%	07/26/72	N48D17M00S W114D15M00S	1:0	0301080777
CORNER POINT COORDINATES=#1:N48D24M48S W114D07M54S,#2:N48D21M42S W114D26M12S,#3:N47D14M24S W113D59M48S,#4:N47D17M42S W113D41M30S									
NASA-AIRCRAFT-STANDARD	5720005480147	147-157	B&W-02.2"	**7**	10%	07/26/72	N48D17M00S W114D15M00S	1:0	0301080777
CORNER POINT COORDINATES=#1:N48D24M48S W114D07M54S,#2:N48D21M42S W114D26M12S,#3:N47D14M24S W113D59M48S,#4:N47D17M42S W113D41M30S									
NASA-AIRCRAFT-STANDARD	5720005521374	1874-1881	CIR-09.0"	**9**	10%	07/26/72	N48D15M24S W114D14M06S	1:127,000	0301711786
CORNER POINT COORDINATES=#1:N48D24M00S W114D05M48S,#2:N48D20M54S W114D21M56S,#3:N47D19M36S W114D13M48S,#4:N47D24M00S W113D43M36S									
NASA-AIRCRAFT-STANDARD	5720005500147	147-157	BIR-02.2"	**5**	10%	07/26/72	N48D17M00S W114D15M00S	1:0	0301080777
CORNER POINT COORDINATES=#1:N48D24M43S W114D07M54S,#2:N48D21M42S W114D26M12S,#3:N47D14M24S W113D59M48S,#4:N47D17M42S W113D41M30S									
NASA-AIRCRAFT-STANDARD	6248013600018	19-24	COL-09.0"	**5**	00%	09/17/73	N48D44M47S W113D36M50S	1:111,410	0313080384
CORNER POINT COORDINATES=#1:N48D36M31S W113D31M54S,#2:N48D48M03S W113D24M20S,#3:N49D04M04S W114D29M42S,#4:N48D52M21S W114D37M30S									
NASA-AIRCRAFT-STANDARD	6248013700019	19-24	CIR-09.0"	**2**	00%	09/17/73	N48D46M36S W113D44M53S	1:114,394	0313080434
CORNER POINT COORDINATES=#1:N48D38M15S W113D39M27S,#2:N48D50M10S W113D32M12S,#3:N49D03M57S W114D30M31S,#4:N48D51M34S W114D37M29S									
NASA-AIRCRAFT-STANDARD	6248013700026	26-28	CIR-09.0"	**2**	00%	09/17/73	N49D04M00S W113D59M48S	1:107,911	0313080441
CORNER POINT COORDINATES=#1:N49D12M43S W114D05M14S,#2:N49D00M26S W114D13M04S,#3:N48D52M09S W113D37M34S,#4:N49D04M04S W113D30M16S									
NASA-AIRCRAFT-STANDARD	6248013600003	3-17	COL-09.0"	**5**	00%	09/17/73	N48D16M37S W111D40M17S	1:113,754	0313080359
CORNER POINT COORDINATES=#1:N48D38M17S W111D34M44S,#2:N48D20M19S W111D27M47S,#3:N48D51M11S W113D33M51S,#4:N48D39M40S W113D41M20S									
NASA-AIRCRAFT-STANDARD	6248013700003	3-18	CIR-09.0"	**2**	00%	09/17/73	N48D16M31S W111D40M34S	1:112,733	0313080418
CORNER POINT COORDINATES=#1:N48D38M04S W111D35M25S,#2:N48D19M57S W111D27M56S,#3:N48D53M06S W113D42M19S,#4:N48D41M15S W113D49M30S									
NASA-AIRCRAFT-STANDARD	6248013700029	29-35	CIR-09.0"	**2**	00%	09/17/73	N48D59M45S W113D34M35S	1:109,165	0313080444
CORNER POINT COORDINATES=#1:N49D06M55S W113D40M03S,#2:N48D55M09S W113D47M00S,#3:N48D38M43S W112D38M22S,#4:N48D50M31S W112D31M50S									
NASA-AIRCRAFT-STANDARD	6248013600026	26-35	COL-09.0"	**5**	00%	09/17/73	N49D04M52S W113D59M19S	1:108,505	0313080392
CORNER POINT COORDINATES=#1:N49D12M01S W114D03M26S,#2:N49D02M09S W114D10M15S,#3:N48D38M33S W112D38M47S,#4:N48D50M16S W112D31M58S									
NASA-AIRCRAFT-STANDARD	6248013000321	321-323	CIR-09.0"	**5**	00%	09/16/73	N48D54M38S W114D20M15S	1:54,850	0313080322
CORNER POINT COORDINATES=#1:N48D53M44S W114D17M08S,#2:N48D56M41S W114D14M22S,#3:N48D59M58S W114D31M09S,#4:N48D54M00S W114D34M09S									
NASA-AIRCRAFT-STANDARD	6248013000290	290-320	CIR-09.0"	**5**	00%	09/16/73	N48D26M54S W112D21M58S	1:54,265	0313080291
CORNER POINT COORDINATES=#1:N48D22M49S W112D19M24S,#2:N48D28M37S W112D15M52S,#3:N48D57M43S W114D19M25S,#4:N48D51M45S W114D22M17S									
NASA-AIRCRAFT-STANDARD	6248013000333	333-339	CIR-09.0"	**5**	00%	09/16/73	N48D55M14S W113D19M11S	1:56,631	0313080334
CORNER POINT COORDINATES=#1:N48D39M22S W113D22M05S,#2:N48D53M19S W113D25M22S,#3:N48D45M05S W112D31M34S,#4:N48D51M06S W112D48M03S									
NASA-AIRCRAFT-STANDARD	6248013000329	329-332	CIR-09.0"	**5**	00%	09/16/73	N48D59M04S W113D34M59S	1:56,736	0313080330
CORNER POINT COORDINATES=#1:N49D03M15S W113D37M57S,#2:N48D57M07S W113D41M13S,#3:N48D52M05S W113D20M25S,#4:N48D58M07S W113D17M04S									

PROJ DATA CENTER
SIOUX FALLS, SOUTH DAKOTA 57198
PHONE 605-594-6511 FEDERAL TELECOMMUNICATIONS SYSTEM PHONES USE 784-7151

CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/LAS

DATA TYPE PHOTO-SINGLE

IMAGERY-TYPE	SCENE ID	FRAME(S)	FILM-SOURCE	QUAL	CLOUD	EXPO-DATE	SCENE-CENTER-POINT	SCENE-SCALE	MICROFORM
NASA-AIRCRAFT-STANDARD	5720005500132	132	BIR-02.2"	**5**	60%	07/26/72	N48D19M12S W114D31M00S	1:423,000	0301080762
CORNER POINT COORDINATES=#1:N48D11M06S W114D37M24S,#2:N48D14M30S W114D19M12S,#3:N48D27M12S W114D24M30S,#4:N48D23M48S W114D42M48S									
NASA-AIRCRAFT-STANDARD	5720005490132	132	BEW-02.2"	**7**	60%	07/26/72	N48D19M12S W114D31M00S	1:423,000	0301080752
CORNER POINT COORDINATES=#1:N48D11M06S W114D37M24S,#2:N48D14M30S W114D19M12S,#3:N48D27M12S W114D24M30S,#4:N48D23M48S W114D42M48S									
NASA-AIRCRAFT-STANDARD	5720005480132	132	BEW-02.2"	**7**	60%	07/26/72	N48D19M12S W114D31M00S	1:423,000	0301080762
CORNER POINT COORDINATES=#1:N48D11M06S W114D37M24S,#2:N48D14M30S W114D19M12S,#3:N48D27M12S W114D24M30S,#4:N48D23M48S W114D42M48S									
NASA-AIRCRAFT-STANDARD	6248013600025	25	COL-09.0"	**5**	00%	09/17/73	N48D56M12S W114D26M28S	1:107,585	0313080391
CORNER POINT COORDINATES=#1:N48D48M07S W114D21M43S,#2:N48D59M19S W114D14M12S,#3:N49D04M16S W114D31M14S,#4:N48D53M03S W114D38M42S									
NASA-AIRCRAFT-STANDARD	6248013700025	25	CIR-09.0"	**2**	00%	09/17/73	N48D56M18S W114D26M46S	1:114,165	0313080440
CORNER POINT COORDINATES=#1:N48D47M31S W114D22M40S,#2:N48D59M00S W114D13M25S,#3:N49D05M05S W114D30M54S,#4:N48D53M35S W114D40M06S									

********** DONE **********

Aerial Mapping Photographs have been acquired over the past 25 years by the USGS and other Federal government agencies for mapping of the United States. The photographs are black-and-white, and have less than 5% cloud cover.

The survey altitude ranges from 2,000 feet (600 m) to 40,000 feet (12,000 m). The basic film format is 9 x 9 inches (23 x 23 cm) and shows areas from 3 to 9 miles (4.8 to 1,414 km) on a side depending on the scale of the photograph.

Because of the large number of aerial photographs needed to show any specific region on the ground, the photographs have been indexed by mounting series of consecutive and adjacent photographs to create mosaics of photographs of specified areas. These mosaics are referred to as "photo indexes." When ordering aerial mapping photographs it is necessary to first order a photo index of the area of interest to determine the specific aerial photographs needed.

DATA TYPE PHOTO-INDEX

IMAGERY-TYPE	SCENE ID	INDEX-TYPE	QUALITY	CLOUD	EXPO-DATE	SCENE-SCALE	MICROFORM
AERIAL-MAPPING-STANDARD	1V3NL00510637	B&W-SIZE A	**8**	00%	07/21/74	1:76,000	0000510637
CORNER POINT COORDINATES=#1:N48D22M30S W113D22M30S,#2:N48D22M30S W113D15M00S,#3:N48D30M00S W113D15M00S,#4:N48D30M00S W113D22M30S							
AERIAL-MAPPING-STANDARD	1V3NL00510631	B&W-SIZE A	**8**	00%	07/21/74	1:75,899	0000510631
CORNER POINT COORDINATES=#1:N48D30M00S W113D30M00S,#2:N48D30M00S W113D15M00S,#3:N48D45M00S W113D15M00S,#4:N48D45M00S W113D30M00S							
AERIAL-MAPPING-STANDARD	1V3NL00510629	B&W-SIZE A	**8**	00%	07/21/74	1:76,000	0000510629
CORNER POINT COORDINATES=#1:N48D45M00S W113D30M00S,#2:N48D45M00S W113D15M00S,#3:N49D00M00S W113D15M00S,#4:N49D00M00S W113D30M00S							
AERIAL-MAPPING-STANDARD	1V3NL00510630	B&W-SIZE A	**8**	00%	07/21/74	1:76,000	0000510630
CORNER POINT COORDINATES=#1:N48D45M00S W113D37M30S,#2:N48D45M00S W113D30M00S,#3:N49D00M00S W113D30M00S,#4:N49D00M00S W113D37M30S							
AERIAL-MAPPING-STANDARD	1V3DN00240061	B&W-SIZE A	**8**	00%	09/05/66	1:31,134	0000240061
CORNER POINT COORDINATES=#1:N48D52M30S W113D30M00S,#2:N48D52M30S W113D22M30S,#3:N49D00M00S W113D22M30S,#4:N49D00M00S W113D30M00S							
AERIAL-MAPPING-STANDARD	1V3DN00240060	B&W-SIZE A	**8**	00%	09/05/66	1:31,134	0000240060
CORNER POINT COORDINATES=#1:N48D52M30S W113D22M30S,#2:N48D52M30S W113D15M00S,#3:N49D00M00S W113D15M00S,#4:N49D00M00S W113D22M30S							
AERIAL-MAPPING-STANDARD	1V3DN00240062	B&W-SIZE A	**8**	00%	09/05/66	1:31,134	0000240062
CORNER POINT COORDINATES=#1:N48D45M00S W113D22M30S,#2:N48D45M00S W113D15M00S,#3:N48D52M30S W113D15M00S,#4:N48D52M30S W113D22M30S							
AERIAL-MAPPING-STANDARD	1V3DN00240063	B&W-SIZE A	**8**	00%	09/05/66	1:31,134	0000240063
CORNER POINT COORDINATES=#1:N48D37M30S W113D22M30S,#2:N48D37M30S W113D15M00S,#3:N48D45M00S W113D15M00S,#4:N48D45M00S W113D22M30S							
AERIAL-MAPPING-STANDARD	1V3D00240121	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240121
CORNER POINT COORDINATES=#1:N48D45M00S W114D07M30S,#2:N48D45M00S W114D00M00S,#3:N48D52M30S W114D00M00S,#4:N48D52M30S W114D07M30S							
AERIAL-MAPPING-STANDARD	1V3D00240120	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240120
CORNER POINT COORDINATES=#1:N48D45M00S W114D15M00S,#2:N48D45M00S W114D07M30S,#3:N48D52M30S W114D07M30S,#4:N48D52M30S W114D15M00S							
AERIAL-MAPPING-STANDARD	1V3D00240119	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240119
CORNER POINT COORDINATES=#1:N48D52M30S W114D15M00S,#2:N48D52M30S W114D07M30S,#3:N49D00M00S W114D07M30S,#4:N49D00M00S W114D15M00S							
AERIAL-MAPPING-STANDARD	1V3D00240118	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240118
CORNER POINT COORDINATES=#1:N48D52M30S W114D07M30S,#2:N48D52M30S W114D00M00S,#3:N49D00M00S W114D00M00S,#4:N49D00M00S W114D07M30S							
AERIAL-MAPPING-STANDARD	1V3D00240117	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240117
CORNER POINT COORDINATES=#1:N48D15M00S W113D22M30S,#2:N48D15M00S W113D15M00S,#3:N48D22M30S W113D15M00S,#4:N48D22M30S W113D22M30S							
AERIAL-MAPPING-STANDARD	1V3D00240126	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240126
CORNER POINT COORDINATES=#1:N48D37M30S W113D52M30S,#2:N48D37M30S W113D45M00S,#3:N48D45M00S W113D45M00S,#4:N48D45M00S W113D52M30S							
AERIAL-MAPPING-STANDARD	1V3D00240114	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240114
CORNER POINT COORDINATES=#1:N48D22M30S W113D22M30S,#2:N48D22M30S W113D15M00S,#3:N48D30M00S W113D15M00S,#4:N48D30M00S W113D22M30S							
AERIAL-MAPPING-STANDARD	1V3D00240116	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240116
CORNER POINT COORDINATES=#1:N48D15M00S W113D30M00S,#2:N48D15M00S W113D22M30S,#3:N48D22M30S W113D22M30S,#4:N48D22M30S W113D30M00S							
AERIAL-MAPPING-STANDARD	1V3D00240115	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240115
CORNER POINT COORDINATES=#1:N48D22M30S W113D30M00S,#2:N48D22M30S W113D22M30S,#3:N48D30M00S W113D22M30S,#4:N48D30M00S W113D30M00S							

CONTACT NUMBER 0004531002 TERMINAL TB3A32
BONNER/LAS

DATA TYPE PHOTO-INDEX

IMAGERY-TYPE	SCENE ID	INDEX-TYPE	QUALITY	CLOUD	EXPO-DATE	SCENE-SCALE	MICROFORM
AERIAL-MAPPING-STANDARD	1V3000240143	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240143
CORNER POINT COORDINATES=#1:N48D37M30S W113D30M00S,#2:N48D37M30S W113D22M30S,#3:N48D45M00S W113D22M30S,#4:N48D45M00S W113D30M00S							
AERIAL-MAPPING-STANDARD	1V3000240132	B&W-SIZE A	**6**	00%	09/04/66	1:34,400	0000240132
CORNER POINT COORDINATES=#1:N48D45M00S W113D45M00S,#2:N48D45M00S W113D37M30S,#3:N48D52M30S W113D37M30S,#4:N48D52M30S W113D45M00S							
AERIAL-MAPPING-STANDARD	1V3000240125	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240125
CORNER POINT COORDINATES=#1:N48D30M00S W113D37M30S,#2:N48D30M00S W113D30M00S,#3:N48D37M30S W113D30M00S,#4:N48D37M30S W113D37M30S							
AERIAL-MAPPING-STANDARD	1V3000240133	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240133
CORNER POINT COORDINATES=#1:N48D45M00S W113D37M30S,#2:N48D45M00S W113D30M00S,#3:N48D52M30S W113D30M00S,#4:N48D52M30S W113D37M30S							
AERIAL-MAPPING-STANDARD	1V3000240131	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240131
CORNER POINT COORDINATES=#1:N48D52M30S W113D45M00S,#2:N48D52M30S W113D37M30S,#3:N49D00M00S W113D37M30S,#4:N49D00M00S W113D45M00S							
AERIAL-MAPPING-STANDARD	1V3000240134	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240134
CORNER POINT COORDINATES=#1:N48D52M30S W113D52M30S,#2:N48D52M30S W113D45M00S,#3:N49D00M00S W113D45M00S,#4:N49D00M00S W113D52M30S							
AERIAL-MAPPING-STANDARD	1V3000240130	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240130
CORNER POINT COORDINATES=#1:N48D52M30S W113D37M30S,#2:N48D52M30S W113D30M00S,#3:N49D00M00S W113D30M00S,#4:N49D00M00S W113D37M30S							
AERIAL-MAPPING-STANDARD	1V3000240122	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240122
CORNER POINT COORDINATES=#1:N48D37M30S W113D37M30S,#2:N48D37M30S W113D30M00S,#3:N48D45M00S W113D30M00S,#4:N48D45M00S W113D37M30S							
AERIAL-MAPPING-STANDARD	1V3000240127	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240127
CORNER POINT COORDINATES=#1:N48D37M30S W114D00M00S,#2:N48D37M30S W113D52M30S,#3:N48D45M00S W113D52M30S,#4:N48D45M00S W114D00M00S							
AERIAL-MAPPING-STANDARD	1V3000240124	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240124
CORNER POINT COORDINATES=#1:N48D30M00S W113D45M00S,#2:N48D30M00S W113D37M30S,#3:N48D37M30S W113D37M30S,#4:N48D37M30S W113D45M00S							
AERIAL-MAPPING-STANDARD	1V3000240123	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240123
CORNER POINT COORDINATES=#1:N48D37M30S W113D45M00S,#2:N48D37M30S W113D37M30S,#3:N48D45M00S W113D37M30S,#4:N48D45M00S W113D45M00S							
AERIAL-MAPPING-STANDARD	1V3000240135	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240135
CORNER POINT COORDINATES=#1:N48D52M30S W114D00M00S,#2:N48D52M30S W113D52M30S,#3:N49D00M00S W113D52M30S,#4:N49D00M00S W114D00M00S							
AERIAL-MAPPING-STANDARD	1V3000240136	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240136
CORNER POINT COORDINATES=#1:N48D45M00S W114D00M00S,#2:N48D45M00S W113D52M30S,#3:N48D52M30S W113D52M30S,#4:N48D52M30S W114D00M00S							
AERIAL-MAPPING-STANDARD	1V3000240137	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240137
CORNER POINT COORDINATES=#1:N48D45M00S W113D52M30S,#2:N48D45M00S W113D45M00S,#3:N48D52M30S W113D45M00S,#4:N48D52M30S W113D52M30S							
AERIAL-MAPPING-STANDARD	1V3000240144	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240144
CORNER POINT COORDINATES=#1:N48D30M00S W113D30M00S,#2:N48D30M00S W113D22M30S,#3:N48D37M30S W113D22M30S,#4:N48D37M30S W113D30M00S							
AERIAL-MAPPING-STANDARD	1V3000240145	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240145
CORNER POINT COORDINATES=#1:N48D30M00S W113D22M30S,#2:N48D30M00S W113D15M00S,#3:N48D37M30S W113D15M00S,#4:N48D37M30S W113D22M30S							
AERIAL-MAPPING-STANDARD	1V3000240142	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240142
CORNER POINT COORDINATES=#1:N48D45M00S W113D30M00S,#2:N48D45M00S W113D22M30S,#3:N48D52M30S W113D22M30S,#4:N48D52M30S W113D30M00S							

CONTACT NUMBER 0004531002 TERMINAL TB3A32
BONNER/AS

DATA TYPE PHOTO-INDEX

IMAGERY-TYPE	SCENE ID	INDEX-TYPE	QUALITY	CLOUD	EXPO-DATE	SCENE-SCALE	MICROFORM
AERIAL-MAPPING-STANDARD	1V3D00240128	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240128
CORNER POINT COORDINATES=#1:N48D30M00S W114D00M00S,#2:N48D30M00S W113D52M30S,#3:N48D37M30S W113D52M30S,#4:N48D37M30S W114D00M00S							
AERIAL-MAPPING-STANDARD	1V3D00240129	B&W-SIZE A	**8**	00%	09/04/66	1:34,400	0000240129
CORNER POINT COORDINATES=#1:N48D30M00S W113D52M30S,#2:N48D30M00S W113D45M00S,#3:N48D37M30S W113D45M00S,#4:N48D37M30S W113D52M30S							
AERIAL-MAPPING-STANDARD	1V3FF0210102	B&W-SIZE A	**8**	00%	07/25/65	1:33,039	0000210102
CORNER POINT COORDINATES=#1:N48D37M30S W114D07M30S,#2:N48D37M30S W114D00M00S,#3:N48D45M00S W114D00M00S,#4:N48D45M00S W114D07M30S							
AERIAL-MAPPING-STANDARD	1V3FF0210103	B&W-SIZE A	**8**	00%	07/25/65	1:33,039	0000210103
CORNER POINT COORDINATES=#1:N48D37M30S W114D15M00S,#2:N48D37M30S W114D07M30S,#3:N48D45M00S W114D07M30S,#4:N48D45M00S W114D15M00S							
AERIAL-MAPPING-STANDARD	1V3FF0210104	B&W-SIZE A	**8**	00%	07/25/65	1:33,039	0000210104
CORNER POINT COORDINATES=#1:N48D30M00S W114D15M00S,#2:N48D30M00S W114D07M30S,#3:N48D37M30S W114D07M30S,#4:N48D37M30S W114D15M00S							
AERIAL-MAPPING-STANDARD	1V3FF0210097	B&W-SIZE A	**8**	00%	07/25/65	1:33,039	0000210097
CORNER POINT COORDINATES=#1:N48D45M00S W114D22M30S,#2:N48D45M00S W114D15M00S,#3:N48D52M30S W114D15M00S,#4:N48D52M30S W114D22M30S							
AERIAL-MAPPING-STANDARD	1V3FF0210096	B&W-SIZE A	**8**	00%	07/25/65	1:33,039	0000210096
CORNER POINT COORDINATES=#1:N48D45M00S W114D30M00S,#2:N48D45M00S W114D22M30S,#3:N48D52M30S W114D22M30S,#4:N48D52M30S W114D30M00S							
AERIAL-MAPPING-STANDARD	1V3FF0210099	B&W-SIZE A	**8**	00%	07/25/65	1:33,039	0000210099
CORNER POINT COORDINATES=#1:N48D37M30S W114D30M00S,#2:N48D37M30S W114D22M30S,#3:N48D45M00S W114D22M30S,#4:N48D45M00S W114D30M00S							
AERIAL-MAPPING-STANDARD	1V3FF0210095	B&W-SIZE A	**8**	00%	07/25/65	1:33,039	0000210095
CORNER POINT COORDINATES=#1:N48D52M30S W114D30M00S,#2:N48D52M30S W114D22M30S,#3:N49D00M00S W114D22M30S,#4:N49D00M00S W114D30M00S							
AERIAL-MAPPING-STANDARD	1V3FF0210098	B&W-SIZE A	**8**	00%	07/25/65	1:33,039	0000210098
CORNER POINT COORDINATES=#1:N48D37M30S W114D22M30S,#2:N48D37M30S W114D15M00S,#3:N48D45M00S W114D15M00S,#4:N48D45M00S W114D22M30S							
AERIAL-MAPPING-STANDARD	1V3FF0210101	B&W-SIZE A	**8**	00%	07/25/65	1:33,039	0000210101
CORNER POINT COORDINATES=#1:N48D30M00S W114D22M30S,#2:N48D30M00S W114D15M00S,#3:N48D37M30S W114D15M00S,#4:N48D37M30S W114D22M30S							
AERIAL-MAPPING-STANDARD	1V3FF0210094	B&W-SIZE A	**8**	00%	07/25/65	1:33,039	0000210094
CORNER POINT COORDINATES=#1:N48D52M30S W114D22M30S,#2:N48D52M30S W114D15M00S,#3:N49D00M00S W114D15M00S,#4:N49D00M00S W114D22M30S							
AERIAL-MAPPING-STANDARD	1V3FF0210100	B&W-SIZE A	**8**	00%	07/25/65	1:33,039	0000210100
CORNER POINT COORDINATES=#1:N48D30M00S W114D30M00S,#2:N48D30M00S W114D22M30S,#3:N48D37M30S W114D22M30S,#4:N48D37M30S W114D30M00S							
AERIAL-MAPPING-STANDARD	1V3FF0210105	B&W-SIZE A	**8**	00%	07/25/65	1:33,039	0000210105
CORNER POINT COORDINATES=#1:N48D30M00S W114D07M30S,#2:N48D30M00S W114D00M00S,#3:N48D37M30S W114D00M00S,#4:N48D37M30S W114D07M30S							
AERIAL-MAPPING-STANDARD	1V4QT0316052 9	B&W-SIZE A	**8**	00%	08/30/63	1:42,044	0000160529
CORNER POINT COORDINATES=#1:N48D15M00S W113D45M00S,#2:N48D15M00S W113D30M00S,#3:N48D30M00S W113D30M00S,#4:N48D30M00S W113D45M00S							
AERIAL-MAPPING-STANDARD	1V4QT0316053 0	B&W-SIZE A	**8**	00%	08/30/63	1:42,044	0000160530
CORNER POINT COORDINATES=#1:N48D15M00S W114D00M01S,#2:N48D15M00S W113D45M00S,#3:N48D30M00S W113D45M00S,#4:N48D30M00S W114D00M01S							
AERIAL-MAPPING-STANDARD	1V4QT0316053 1	B&W-SIZE A	**8**	00%	07/31/63	1:42,044	0000160531
CORNER POINT COORDINATES=#1:N48D30M00S W114D00M01S,#2:N48D30M00S W113D45M00S,#3:N48D15M00S W113D45M00S,#4:N48D15M00S W114D00M01S							

CONTACT NUMBER 0004531002 TERMINAL T83A32
BONNER/LAS

DATA TYPE PHOTO-INDEX

IMAGERY-TYPE	SCENE ID	INDEX-TYPE	QUALITY	CLOUD	EXPO-DATE	SCENE-SCALE	MICROFORM
AERIAL-MAPPING-STANDARD	1V4000370209	B&W-SIZE A	**8**	00%	09/06/56	1:38,524	0000370209
CORNER POINT COORDINATES=#1:N48D00M00S W114D30M00S,#2:N48D00M00S W114D15M00S,#3:N48D15M00S W114D15M00S,#4:N48D15M00S W114D30M00S							
AERIAL-MAPPING-STANDARD	1V4000370206	B&W-SIZE A	**8**	00%	09/06/56	1:38,524	0000370206
CORNER POINT COORDINATES=#1:N48D15M00S W114D30M00S,#2:N48D15M00S W114D15M00S,#3:N48D30M00S W114D15M00S,#4:N48D30M00S W114D30M00S							
AERIAL-MAPPING-STANDARD	1V4000370208	B&W-SIZE A	**8**	00%	09/06/56	1:25,615	0000370208
CORNER POINT COORDINATES=#1:N48D00M00S W114D15M00S,#2:N48D00M00S W114D00M00S,#3:N48D15M00S W114D30M00S,#4:N48D15M00S W114D15M00S							
AERIAL-MAPPING-STANDARD	1V4000370205	B&W-SIZE A	**8**	00%	09/06/56	1:38,524	0000370205
CORNER POINT COORDINATES=#1:N48D15M00S W114D15M00S,#2:N48D15M00S W114D00M00S,#3:N48D30M00S W114D30M00S,#4:N48D30M00S W114D15M00S							
AERIAL-MAPPING-STANDARD	1VAJ000140411	B&W-SIZE A	**8**	00%	10/15/55	1:35,999	0000140411
CORNER POINT COORDINATES=#1:N48D00M00S W113D45M01S,#2:N48D00M00S W113D30M00S,#3:N48D15M00S W113D30M00S,#4:N48D15M00S W113D45M01S							
AERIAL-MAPPING-STANDARD	1VAJ000140414	B&W-SIZE A	**8**	00%	10/15/55	1:35,999	0000140414
CORNER POINT COORDINATES=#1:N48D00M00S W113D30M00S,#2:N48D00M00S W113D15M00S,#3:N48D15M00S W113D15M00S,#4:N48D15M00S W113D30M00S							
AERIAL-MAPPING-STANDARD	1CJ000030874	B&W-SIZE A	**8**	00%	12/30/46	1:27,699	0000030874
CORNER POINT COORDINATES=#1:N48D15M00S W114D30M00S,#2:N48D15M00S W114D15M00S,#3:N48D30M00S W114D15M00S,#4:N48D30M00S W114D30M00S							
AERIAL-MAPPING-STANDARD	1CJ000030877	B&W-SIZE A	**8**	00%	12/30/46	1:27,699	0000030877
CORNER POINT COORDINATES=#1:N48D00M00S W114D15M00S,#2:N48D00M00S W114D00M00S,#3:N48D15M00S W114D00M00S,#4:N48D15M00S W114D15M00S							
AERIAL-MAPPING-STANDARD	1CJ000030878	B&W-SIZE A	**8**	00%	12/30/46	1:27,699	0000030878
CORNER POINT COORDINATES=#1:N48D00M00S W114D30M00S,#2:N48D00M00S W114D15M00S,#3:N48D15M00S W114D15M00S,#4:N48D15M00S W114D30M00S							
AERIAL-MAPPING-STANDARD	1CJ000030876	B&W-SIZE A	**8**	00%	12/30/46	1:27,699	0000030876
CORNER POINT COORDINATES=#1:N48D15M00S W114D15M00S,#2:N48D15M00S W114D00M00S,#3:N48D30M00S W114D00M00S,#4:N48D30M00S W114D15M00S							

Figure 4 --

INQUIRY FORM
GEOGRAPHIC COMPUTER SEARCH
U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DATE _____

NAME MR MS _____ (FIRST) (INITIAL) (LAST)

ACCOUNT NO _____ (IF KNOWN)

COMPANY _____ (IF BUSINESS ASSOCIATED)

PHONE (Bus) _____

ADDRESS _____

PHONE (Home) _____

CITY _____

Your Ref No _____ (P.O. GOVT ACCT OR OTHER)

TO INITIATE AN INQUIRY AND COMPUTER GEOSEARCH COMPLETE THE FOLLOWING

POINT SEARCH	POINT #1	POINT #2	POINT #3
LONG / LAT / Selected Point	Latitude ____ ° ____ ' N or S	____ ° ____ ' N or S	____ ° ____ ' N or S
	Longitude ____ ° ____ ' E or W	____ ° ____ ' E or W	____ ° ____ ' E or W

Imagery with any coverage over the selected point will be included

Landsat Only (Worldwide Reference System)

Path	Path	Path	Path	Path
Row	Row	Row	Row	Row

AREA RECTANGLE	AREA #1	AREA #2	AREA #3
LONG / LONG / LAT / LAT	Lat ____ ° ____ ' N or S to	Lat ____ ° ____ ' N or S to	Lat ____ ° ____ ' N or S to
	Lat ____ ° ____ ' N or S	Lat ____ ° ____ ' N or S	Lat ____ ° ____ ' N or S
	Long ____ ° ____ ' E or W to	Long ____ ° ____ ' E or W to	Long ____ ° ____ ' E or W to
	Long ____ ° ____ ' E or W	Long ____ ° ____ ' E or W	Long ____ ° ____ ' E or W

Imagery with any coverage over the selected area will be included

If the above geographic coordinates cannot be supplied please specify area by GEOGRAPHIC NAME AND LOCATION (include a map if possible)

PREFERRED TYPE OF COVERAGE

	Black & White	Color or Color Infrared
☐ Landsat	☐	☐
☐ Skylab	☐	☐
☐ Nasa Aircraft	☐	☐

☐ Aerial Mapping Photography (Minimum color available)

PREFERRED TIME OF YEAR
Check maximum of three

☐ JAN MAR
☐ APR JUNE
☐ JULY SEPT
☐ OCT DEC

☐ All coverage
☐ Latest coverage
☐ SPECIFIC DATES _____

NOTE Seasonal coverage normally applies only to Landsat coverage

MINIMUM QUALITY RATING ACCEPTABLE

☐ 0 2 (VERY POOR) ☐ 3 4 (POOR) ☐ 5 6 (FAIR) ☐ 7 9 (GOOD)

MAXIMUM CLOUD COVER ACCEPTABLE

☐ 10% ☐ 30% ☐ 50% ☐ 80% ☐ 100%

NOTE Classification of percent of cloud cover is subjective and is relative to the amount of clouds appearing on the imagery and not to their location

APPLICATION AND INTENDED USE _____

FORM 9-193b (Jan 1977)

Return completed form to the facility nearest you.

NCIC HEADQUARTERS
U.S. Geological Survey
507 National Center
Reston, VA 22092
FTS: 928-6045
COMM: 703-860-6045

EROS APPLICATIONS FACILITY
NSTL
U.S. Geological Survey
Bay St. Louis, MS 39520
FTS. 494-3541
COMM: 686-3472

NCIC MID-CONTINENT
U.S. Geological Survey
1400 Independence Rd.
Rolla, MO 65401
FTS: 276-9107
COMM: 314-364-3680

EROS DATA CENTER
U.S. Geological Survey
Sioux Falls, SD 57198
FTS: 784-7151
COMM: 605-594-6511

NCIC ROCKY MOUNTAIN
U.S. Geological Survey
Stop 510, Box 25046
Denver Federal Ctr.
Denver, CO 80225
FTS. 234-2326
COMM: 303-234-2326

NCIC WESTERN
U.S. Geological Survey
345 Middlefield Rd.
Menlo Park, CA 94025
FTS: 467-2427
COMM: 415-323-8111

Figure 5----

HOW TO REQUEST A GEOGRAPHIC SEARCH

This form is used to request a computer search for imagery over a point or area of interest.

Data from this inquiry sheet will be used to initiate a computer Geosearch. The results will be returned on a computer listing along with a decoding sheet, from which imagery can be selected and ordered.

Complete the form as follows:

A. Enter your NAME, ADDRESS, and ZIP CODE clearly. If you have had previous contact with that facility, include your ACCOUNT number. Enter a PHONE number where you can be reached during business hours.

B. Complete the required information for either the POINT SEARCH, or AREA RECTANGLE inquiry, which includes the geographic LATITUDE and LONGITUDE coordinates. If coordinates are not available, please supply the GEOGRAPHIC NAME AND LOCATION or a map with the area of interest identified. It is beneficial that you minimize your area of interest, thereby allowing for a faster and more critical retrieval of information.

C. Complete all other information.

D. Complete the APPLICATION AND INTENDED USE portion of the inquiry. e.g. Will it be used for identifying buildings or will it be framed and placed on a wall. This information will assist our technicians in determining whether the products available will satisfy your requirements.

E. Return completed form to the FACILITY NEAREST YOU.

NOTE. If an inquiry is made for Landsat Data, and the Worldwide Reference of PATH and ROW numbers are available, please insert them in the appropriate locations. Otherwise, geographic coordinates will suffice.

☆ U.S. Government Printing Office: 1977—766-396/54 Region No. 6

Figure 6

ORDER FORM

LANDSAT STANDARD PRODUCTS

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DATE _____

NAME MR MS _____ (FIRST) (INITIAL) (LAST)

ACCOUNT NO _____ (IF KNOWN)

COMPANY _____ (IF BUSINESS ASSOCIATED)

PHONE (Bus.) _____

ADDRESS _____

PHONE (Home) _____

CITY _____ STATE _____ ZIP _____

Your Ref No _____ (P.O. GOV'T ACCT OR OTHER)

PLEASE TYPE OR PRINT PLAINLY

SCENE IDENTIFICATION NO.	PRODUCT CODE	BAND 4	BAND 5	BAND 6	BAND 7	TOTAL BANDS	QTY.	UNIT PRICE	TOTAL PRICE

TOTAL ABOVE A

TOTAL FROM PREVIOUS SHEETS B

TOTAL COST C

STANDARD PRODUCTS

BLACK AND WHITE

IMAGE SIZE	SCALE	FORMAT	PRODUCT CODE
55.8mm (2.2 in)	1:3 369 000	FILM POSITIVE	11
55.8mm (2.2 in)	1:3 369 000	FILM NEGATIVE	12
185mm (7.3 in)	1:1 000 000	PAPER	23
185mm (7.3 in)	1:1 000 000	FILM POSITIVE	13
185mm (7.3 in)	1:1 000 000	FILM NEGATIVE	03
371mm (14.6 in)	1:500 000	PAPER	24
742mm (29.2 in)	1:250 000	PAPER	26

COLOR COMPOSITE GENERATION

185mm (7.3 in)	1:1 000 000	PRINTING MASTER	50

NOTE: PRINTING MASTER IS RETAINED BY EDC. COST OF PRODUCTS FROM THIS COMPOSITE MUST BE ADDED TO TOTAL COSTS

FALSE COLOR COMPOSITES

IMAGE SIZE	SCALE	FORMAT	PRODUCT CODE
185mm (7.3 in)	1:1 000 000	PAPER	63
185mm (7.3 in)	1:1 000 000	FILM POSITIVE	53
371mm (14.6 in)	1:500 000	PAPER	64
742mm (29.2 in)	1:250 000	PAPER	66

COMPUTER COMPATIBLE TAPES (CCT)

TRACKS	BPI	FORMAT	PRODUCT CODE
7	800	TAPE SET	82
9	800	TAPE SET	83
9	1600	TAPE SET	84

Please refer to current price list for cost determination.

PAYMENT MADE BY:

CHECK, MONEY ORDER ☐

PURCHASE ORDER ☐

GOVT. ACCOUNT ☐

COMMENTS: _____

FORM 9 1938 (Jan 1977)

Return completed form to the facility nearest you.

NCIC HEADQUARTERS
U.S. Geological Survey
507 National Center
Reston, VA 22092
FTS: 928-6045
COMM: 703-860-6045

EROS APPLICATIONS FACILITY
NSTL
U.S. Geological Survey
Bay St. Louis, MS 39520
FTS: 494-3541
COMM: 688-3472

NCIC MID-CONTINENT
U.S. Geological Survey
1400 Independence Rd.
Rolla, MO 65401
FTS: 276-9107
COMM: 314-364-3680

EROS DATA CENTER
U.S. Geological Survey
Sioux Falls, SD 57198
FTS: 784-7151
COMM: 605-594-6511

NCIC ROCKY MOUNTAIN
U.S. Geological Survey
Stop 510, Box 25046
Denver Federal Ctr.
Denver, CO 80225
FTS: 234-2326
COMM: 303-234-2326

NCIC WESTERN
U.S. Geological Survey
345 Middlefield Rd.
Menlo Park, CA 94025
FTS: 467 2427
COMM. 415-323-2427

Figure 7--

HOW TO ORDER LANDSAT DATA

This order form is used to order all standard Landsat data. Necessary order information can normally be extracted from a computer listing of available data or from other Landsat references.

Please provide the following information in the indicated areas of the order form:

A. List your complete NAME, ADDRESS, ZIP CODE, and name of your COMPANY if applicable.

B. List a PHONE NUMBER where you can be contacted during business hours.

C. If you have had previous business with THAT FACILITY, please list your ACCOUNT NUMBER if known.

D. Enter the complete SCENE IDENTIFICATION NUMBER. This number can be transcribed directly from the COMPUTER LISTING. If the source of information is from other than a computer listing, please specify the date the scene was recorded and the time taken.

E. Review the STANDARD PRODUCTS TABLE on the ORDER FORM and determine the type of product desired.

F. Enter the PRODUCT CODE of the type product being ordered from the STANDARD PRODUCTS TABLE.

G. Enter an indicator for the band(s) desired.

H. The COMMENTS portion is completed only when a CUSTOM PRODUCT is deisred and you want to specify the parameters Refer to the current price list for custom product cost determination.

I. Enter the Total Number of Bands ordered.

J. Multiply the total bands ordered by the number of copies desired and enter the result in the QUANTITY column.

K. Enter the UNIT PRICE of the type product as reflected on the current PRICE LIST

L. Multiply the figure in the QUANTITY column by the UNIT PRICE and enter the result in the TOTAL PRICE column.

M. Repeat the above for each product ordered.

N. TOTAL the costs of all products ordered on that order form and enter the net result in BLOCK A, TOTAL ABOVE.

O. If more than one order form is required, enter the sum of the figures in BLOCKS A in BLOCK B of the last order form.

P. Enter the SUM of BLOCK A and BLOCK B in BLOCK C, TOTAL COST.

Q. Indicate the TYPE of payment being made with a CHECK MARK. Make all drafts payable to U.S. GEOLOGICAL SURVEY. DO NOT SEND CASH.

R. Mail ORDER FORM(S) and PAYMENT to the FACILITY NEAREST YOU. If payment has been previously forwarded, the order form(s) must be mailed to the same facility.

Figure 8 — ORDER FORM

MANNED SPACECRAFT PHOTOGRAPHY

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DATE _____

NAME MR MS _____ ACCOUNT NO. ____ _____
(FIRST) (INITIAL) (LAST) (IF KNOWN)

COMPANY _____ PHONE (Bus.) _____
(IF BUSINESS ASSOCIATED)

ADDRESS _____ PHONE (Home) _____

CITY _____ STATE _____ ZIP _____ Your Ref No _____
(P.O., GOVT ACCT OR OTHER)

PLEASE TYPE OR PRINT PLAINLY

PHOTO IDENTIFICATION NO.	PRODUCT CODE	QTY	UNIT PRICE	TOTAL PRICE
			A	
			B	
			C	

STANDARD PRODUCTS

SKYLAB S190A-BLACK AND WHITE

IMAGE SIZE	SCALE	FORMAT	PRODUCT CODE
55.8mm (2.2 in.)	1:2 850 000	FILM POSITIVE	11
55.8mm (2.2 in.)	1:3 800 000	FILM NEGATIVE	01
16.3cm (6.4 in.)	1:1 000 000	PAPER	23
32.5cm (12.8 in.)	1:500 000	PAPER	24
65.0cm (25.6 in.)	1:250 000	PAPER	26

SKYLAB S190A COLOR/INFRARED

55.8mm (2.2 in.)	2 850 000	FILM POSITIVE	51
16.3cm (6.4 in.)	1:1 000 000	PAPER	63
32.5cm (12.8 in.)	1:500 000	PAPER	64
65.0cm (25.6 in.)	1:250 000	PAPER	66

SKYLAB S190B-COLOR/INFRARED

11.4cm (4.5 in.)	1:950 000	FILM POSITIVE	42
11.4cm (4.5 in.)	1:950 000	PAPER	62
21.6cm (8.5 in.)	1:500 000	PAPER	63
43.4cm (17.1 in.)	1:250 000	PAPER	64
86.9cm (34.2 in.)	1:125 000	PAPER	66

SKYLAB S190B-BLACK AND WHITE

IMAGE SIZE	SCALE	FORMAT	PRODUCT CODE
11.4cm (4.5 in.)	1:950 000	FILM POSITIVE	12
11.4cm (4.5 in.)	1:950 000	FILM NEGATIVE	02
11.4cm (4.5 in.)	1:950 000	PAPER	22
21.6cm (8.5 in.)	1:500 000	PAPER	23
43.4cm (17.1 in.)	1:250 000	PAPER	24
86.9cm (34.2 in.)	[illegible]	PAPER	26

APOLLO/GEMINI-COLOR

IMAGE SIZE	FORMAT	PRODUCT CODE
55.8mm (2.2 in.)	FILM POSITIVE	1
22.6cm (8.9 in.)	PAPER	61
45.5cm (17.9 in.)	PAPER	64

APOLLO/GEMINI-BLACK AND WHITE

IMAGE SIZE	FORMAT	PRODUCT CODE
[illegible]	[illegible]	[illegible]
[illegible]	FILM NEGATIVE	[illegible]
[illegible]	PAPER	[illegible]
[illegible]	PAPER	[illegible]

NOTE: Please refer to current price list for cost determination.

PAYMENT MADE BY:

CHECK, MONEY ORDER ☐

PURCHASE ORDER ☐

GOVT. ACCOUNT ☐

COMMENTS: _____

FORM 9 1937 (Jan 1977)

Return completed form to the facility nearest you.

NCIC HEADQUARTERS
U.S. Geological Survey
507 National Center
Reston, VA 22092
FTS: 928-6045
COMM: 703-860-6045

EROS APPLICATIONS FACILITY
NSTL
U.S. Geological Survey
Bay St. Louis, MS 39520
FTS: 494-3541
COMM: 688-3472

NCIC MID-CONTINENT
U.S. Geological Survey
1400 Independence Rd.
Rolla, MO 65401
FTS: 276-9107
COMM: 314-364-3680

EROS DATA CENTER
U.S. Geological Survey
Sioux Falls, SD 57198
FTS: 784-7151
COMM: 605-594-6511

NCIC ROCKY MOUNTAIN
U.S. Geological Survey
Stop 510, Box 25046
Denver Federal Ctr.
Denver, CO 80225
FTS: 234-2326
COMM: 303-234-2326

NCIC WESTERN
U.S. Geological Survey
345 Middlefield Rd.
Menlo Park, CA 94025
FTS: 467-2427
COMM: 415-323-2427

Figure 9 --

HOW TO ORDER MANNED SPACECRAFT PHOTOGRAPHY

This order form is used to order all SKYLAB and APPOLLO/GEMINI PHOTOGRAPHY. Necessary order information can normally be extracted from a computer listing of available photography or from other references

Please provide the following information in the indicated areas of the order form:

A. List your complete NAME, ADDRESS, ZIP CODE, and name of your COMPANY if applicable.

B. List a PHONE NUMBER where you can be contacted during business hours.

C. If you have had previous business with that facility, please list your ACCOUNT NUMBER, if known

D. Enter the complete PHOTO IDENTIFICATION NUMBER. This number can be transcribed directly from the COMPUTER LISTING. If the source of information is from another source, specify the MISSION, SKYLAB 2, 3, or 4; the SYSTEM, S190A or S190B; ROLL NUMBER; and FRAME NUMBER.

E. Review the STANDARD PRODUCTS TABLE on the order form and determine the type of product desired. CARE must be exercised in insuring that the system reflected in column 4 of the PHOTO IDENTIFICATION NO. on the computer listing correlates with the respective portion of the tables. i.e. A=S190A; B=S190B.

F. Enter the PRODUCT CODE of the type product being ordered from the STANDARD PRODUCTS TABLE.

G. The COMMENTS portion is completed only when a CUSTOM PRODUCT is desired and you want to specify the parameters. Refer to the current price list for custom product cost determination.

H. Enter the number of COPIES being ordered of that product in the QUANTITY column.

I. Enter the UNIT PRICE of the product as reflected on the current PRICE LIST

J. Multiply the QUANTITY being ordered by the UNIT PRICE. Enter the result in the TOTAL PRICE column.

K. REPEAT the above for each product ordered.

L. TOTAL the costs of all products ordered and enter the result in BLOCK A.

M. If more than one order form is required, enter the sum of the figures in BLOCKS A in BLOCK B of the last order form

N. Enter the SUM of BLOCK A and BLOCK B in BLOCK C. TOTAL COSTS

O. Indicate the TYPE of payment being made with a CHECK MARK. Make all drafts payable to U. S. GEOLOGICAL SURVEY DO NOT SEND CASH.

P. Mail ORDER FORM(S) and PAYMENT to the FACILITY NEAREST YOU. If payment has been previously forwarded, the order form(s) must be mailed to the same facility.

Figure 10 -- ORDER FORM

NASA AIRCRAFT PHOTOGRAPHY

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DATE _____

NAME MR MRS. _____ (FIRST) _____ (INITIAL) _____ (LAST) ACCOUNT NO. _____ (IF KNOWN)

COMPANY _____ (IF BUSINESS ASSOCIATED) PHONE (Bus.) _____

ADDRESS _____ PHONE (Home) _____

CITY _____ STATE _____ ZIP _____ Your Ref No. _____ (P.O. GOV'T ACCT OR OTHER)

PLEASE TYPE OR PRINT PLAINLY

PHOTO IDENTIFICATION NO.	PRODUCT CODE	FRAMES FIRST	FRAMES LAST	NO. OF FRAMES	NO. OF COPIES	QTY.	UNIT PRICE	TOTAL PRICE

STANDARD PRODUCTS

TOTAL ABOVE	A
TOTAL FROM PREVIOUS SHEETS	B
TOTAL COST	C

FILM SOURCE

BLACK & WHITE PRODUCTS	[illegible]	[illegible]	[illegible]	[illegible]
55.8mm (2.2 in) FILM POSITIVE	55			
55.8mm (2.2 in) FILM NEGATIVE	61			
55.8mm (2.2 in) PAPER				
11.6cm (4.5 in) PAPER		24		
11.6cm (4.5 in) FILM POSITIVE		12		
11.6cm (4.5 in) FILM NEGATIVE		62		
22.9cm (9 in) PAPER	23	23	23	
22.9cm (9 in) FILM POSITIVE			13	
22.9cm (9 in) FILM NEGATIVE			3	
22.9x45.7cm (9x18 in) PAPER				31
22.9x45.7cm (9x18 in) FILM POSITIVE				14
22.9x45.7cm (9x18 in) FILM NEGATIVE				26
45.7cm (18 in) PAPER	24	24	24	
68.6cm (27 in) PAPER		25	25	
91.4cm (36 in) PAPER		26	26	

FILM SOURCE

COLOR PRODUCTS	COL 70mm	COL 9in	COL 9in	COL 9x18in
55.8mm (2.2 in) FILM POSITIVE	51			
55.8mm (2.2 in) PAPER				
11.6cm (4.5 in) PAPER		67		
11.6cm (4.5 in) FILM POSITIVE		52		
22.9cm (9 in) PAPER	63		63	
22.9cm (9 in) FILM POSITIVE			53	
22.9x45.7cm (9x18 in) PAPER				69
22.9x45.7cm (9x18 in) FILM POSITIVE				46
45.7cm (18 in) PAPER	64	66	66	
68.6cm (27 in) PAPER		65	65	
91.4cm (36 in) PAPER		66	66	

NOTE NUMBERS IN EN BLOCKS REFLECT PRODUCT CODES

Please refer to current price list for cost determination.

PAYMENT MADE BY:

CHECK, MONEY ORDER ☐

PURCHASE ORDER ☐

GOVT. ACCOUNT ☐

COMMENTS: _____

FORM 9 1940 (Jan 1977)

Return completed form to the facility nearest you.

NCIC HEADQUARTERS
U.S. Geological Survey
507 National Center
Reston, VA 22092
FTS: 928-6045
COMM: 703-860-6045

EROS APPLICATIONS FACILITY
NSTL
U.S. Geological Survey
Bay St. Louis, MS 39520
FTS: 494-3541
COMM: 688-3472

NCIC MID-CONTINENT
U.S. Geological Survey
1400 Independence Rd.
Rolla, MO 65401
FTS: 276-9107
COMM: 314-364-3680

EROS DATA CENTER
U.S. Geological Survey
Sioux Falls, SD 57198
FTS: 784-7151
COMM: 605-594-6511

NCIC ROCKY MOUNTAIN
U.S. Geological Survey
Stop 510, Box 25046
Denver Federal Ctr.
Denver, CO 80225
FTS: 234-2326
COMM: 303-234-2326

NCIC WESTERN
U.S. Geological Survey
345 Middlefield Rd.
Menlo Park, CA 94025
FTS: 467-2427
COMM: 415-323-2427

Figure 11

HOW TO ORDER NASA AIRCRAFT PHOTOGRAPHY

This order form is to be used for ordering all NASA AIRCRAFT PHOTOGRAPHY. Photo Identification numbers can be transcribed directly from a computer listing. When ordering from other reference sources, be sure to specify the MISSION, ROLL, and FRAME NUMBER for the desired photograph(s).

Please provide the following information in the indicated areas of the order form:

A. List your complete NAME, ADDRESS, ZIP CODE, and name of your COMPANY if applicable.

B. List a PHONE NUMBER where you can be contacted during business hours.

C. If you have had previous business with THAT FACILITY, please list your ACCOUNT NUMBER, if known.

D. Enter the complete PHOTO IDENTIFICATION NUMBER. This can be transcribed directly from the COMPUTER LISTING. If the source of information is from another source, specify the MISSION, ROLL NUMBER and FRAME NUMBER.

E. Review the STANDARD PRODUCTS TABLE on the order form and determine the type of product desired. CARE must be exercised in insuring that the FILM SOURCE reflected in the tables correlates with the FILM SOURCE listed on the COMPUTER LISTING.

F. Enter the PRODUCT CODE of the type product being ordered from the STANDARD PRODUCTS TABLE.

G. Enter the FRAME NUMBER in the FIRST FRAME column. (See instructions for interpolation of a frame from a PHOTO STRIP) If two or more consecutive frames are being ordered, enter the FIRST FRAME of the series in the FIRST FRAME column and the LAST FRAME in the LAST FRAME column.

H. Enter the NUMBER OF UNIQUE FRAMES being ordered. Example: FIRST FRAME - 116; LAST FRAME - 119; NO. OF FRAMES is 4.

I. Enter the NO. OF COPIES being ordered of the FRAMES you have identified.

J. The COMMENTS portion is completed only when a CUSTOM PRODUCT is desired and you want to specify the parameters. Refer to the current price list for custom product cost determination.

K. Multiply the NO. OF FRAMES by the NO. OF COPIES and enter the result in the QUANTITY column.

L. Enter the UNIT PRICE of the product as reflected on the current PRICE LIST.

M. Multiply the figure in the QUANTITY column by the figure in UNIT PRICE column and ENTER the result in the TOTAL PRICE column.

N. REPEAT the above for each product ordered.

O. TOTAL the costs of all products ordered on that order form and enter the NET result in BLOCK A. TOTAL ABOVE.

P. If more than one order form is required, enter the sum of the figures in BLOCKS A in BLOCK B of the last order form.

Q. Enter the SUM of BLOCK A and BLOCK B in BLOCK C, TOTAL COST.

R. Indicate the TYPE of payment being made with a CHECK MARK. Make all drafts payable to U.S. GEOLOGICAL SURVEY. DO NOT SEND CASH.

S. MAIL ORDER FORM(S) and PAYMENT to the FACILITY NEAREST YOU If payment has been previously forwarded, the order form(s) must be mailed to the same facility

Figure 12 — ORDER FORM

AERIAL MAPPING PHOTOGRAPHY

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DATE _____

NAME MR MS _____ (FIRST) (INITIAL) (LAST) ACCOUNT NO _____ (IF KNOWN)

COMPANY _____ (IF BUSINESS ASSOCIATED) PHONE (Bus.) _____

ADDRESS _____ PHONE (Home) _____

CITY _____ STATE _____ ZIP _____ Your Ref No _____ (P O GOV'T ACCT OR OTHER)

PLEASE TYPE OR PRINT PLAINLY

PHOTO INDEXES

PHOTO INDEX NO.	PRODUCT CODE	QTY.	UNIT PRICE		TOTAL PRICE	

AERIAL MAPPING PHOTOGRAPHY

PHOTO IDENTIFICATION				PRODUCT CODE	NO. OF FRAMES	NO. OF COPIES	QTY.	UNIT PRICE		TOTAL PRICE	
PROJECT	ROLL	FIRST FRAME	LAST FRAME								

TOTAL ABOVE	A	
TOTAL FROM PREVIOUS SHEETS	B	
TOTAL COST	C	

STANDARD PRODUCTS

BLACK AND WHITE

IMAGE SIZE	FORMAT	PRODUCT CODE
22.9cm (9 in)	FILM POSITIVE	13
22.9cm (9 in)	FILM NEGATIVE	03
22.9cm (9 in)	PAPER	23
45.7cm (18 in)	PAPER	24
68.6cm (27 in)	PAPER	25
91.4cm (36 in)	PAPER	26

COLOR/INFRARED

IMAGE SIZE	FORMAT	PRODUCT CODE
22.9cm (9 in)	FILM POSITIVE	63
22.9cm (9 in)	PAPER	53
45.7cm (18 in)	PAPER	64
68.6cm (27 in)	PAPER	65
91.4cm (36 in)	PAPER	66

BLACK AND WHITE PHOTO INDEXES

FILM SOURCE	FORMAT	PRODUCT CODE
B & W SIZE A	25.4x30.5cm (10x12 in)	36
B & W SIZE B*	OTHER	37

* SEE ITEM D REVERSE SIDE

NOTE: Please refer to current price list for cost determination.

PAYMENT MADE BY:

CHECK, MONEY ORDER ☐

PURCHASE ORDER ☐

GOVT. ACCOUNT ☐

COMMENTS: _____

FORM 9 1939 (Jan. 1977)

Return completed form to the facility nearest you.

NCIC HEADQUARTERS
U.S. Geological Survey
507 National Center
Reston, VA 22092
FTS: 928-6045
COMM: 703-860-6045

EROS APPLICATIONS FACILITY
NSTL
U.S. Geological Survey
Bay St. Louis, MS 39520
FTS: 494-3541
COMM: 688-3472

NCIC MID-CONTINENT
U.S. Geological Survey
1400 Independence Rd.
Rolla, MO 65401
FTS: 276-9107
COMM: 314-364-3680

EROS DATA CENTER
U.S. Geological Survey
Sioux Falls, SD 57198
FTS: 784-7151
COMM: 605-594-6511

NCIC ROCKY MOUNTAIN
U.S. Geological Survey
Stop 510, Box 25046
Denver Federal Ctr.
Denver, CO 80225
FTS: 234-2326
COMM: 303-234-2326

NCIC WESTERN
U.S. Geological Survey
345 Middlefield Rd.
Menlo Park, CA 94025
FTS: 467-2427
COMM: 415-323-2427

Figure 13

HOW TO ORDER AERIAL MAPPING PHOTOGRAPHY

This order form is used to order either PHOTO INDEXES or INDIVIDUAL PHOTOGRAPHS of AERIAL MAPPING PHOTOGRAPHY.

Please provide the following information in the indicated areas of the order form:

A. List your complete NAME, ADDRESS, ZIP CODE, and name of your COMPANY if applicable.

B. List a PHONE NUMBER where you can be contacted during business hours.

C. If you have had previous business with THAT FACILITY, please list your ACCOUNT NUMBER, if known.

D. Enter the complete PHOTO IDENTIFICATION NUMBER as follows:

PHOTO INDEX: This number can be transcribed directly from a computer listing. Format size must be ordered according to available FILM SOURCE. Size A is 10" x 12". Size B is all sizes larger than 10" x 12", with most 20" x 24".

INDIVIDUAL PHOTOGRAPHS: This number can be transcribed directly from a PHOTO INDEX, by selecting the PROJECT, POLL and FRAME NO. from the respective photographs. If only one frame of photography is being ordered, the column identified as LAST FRAME can be ignored, however, if more than one consecutive frame is required, please complete both the FIRST and LAST FRAME columns.

E. REVIEW the STANDARD PRODUCTS TABLE on the order form and determine the type of PRODUCT desired.

F. Enter the PRODUCT CODE of the type product being ordered from the STANDARD PRODUCTS TABLE.

G. If you are ordering MORE than one photograph from a roll, enter the TOTAL in the NO. OF FRAMES column. Example: FIRST FRAME - 106; LAST FRAME - 112; NO. OF FRAMES = 7.

H. The COMMENTS portion is completed only when a CUSTOM PRODUCT is desired and you want to specify the parameters. Refer to the current price list for custom product cost determination.

I. Enter the NUMBER of copies being ordered of that product in the QUANTITY column. When the NO. OF FRAMES column reflects more than one, it will be necessary to MULTIPLY that figure times the number of copies to derive the QUANTITY figure.

J. Enter the UNIT PRICE of the product as reflected on the current PRICE LIST.

K. MULTIPLY the figure in the QUANTITY column by the UNIT PRICE, and enter the result in the TOTAL PRICE column.

L. REPEAT the above for each product ordered.

M. TOTAL the costs of all products ordered on that form and enter the result in BLOCK A. TOTAL ABOVE.

N. If more than one order form is required, enter the sum of the figures in BLOCKS A in BLOCK B of the last order form.

O. Enter the SUM of BLOCK A and BLOCK B in BLOCK C, TOTAL COST.

P. Indicate the TYPE of payment being made with a CHECKMARK. Make all drafts payable to U.S. GEOLOGICAL SURVEY. DO NOT SEND CASH.

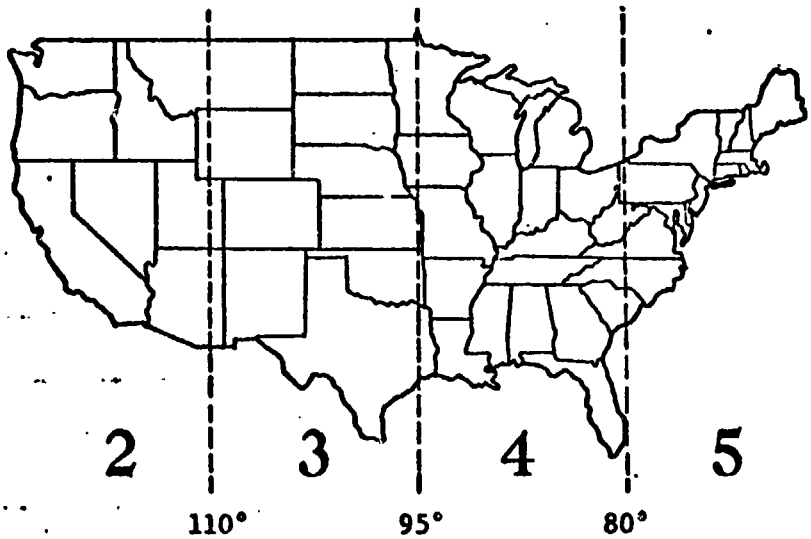
Q. Mail ORDER FORM(S) and PAYMENT to the FACILITY NEAREST YOU. If payment has been previously forwarded, the order form(s) must be mailed to the same facility.

Figure 14. -- CATALOGS OF AERIAL PHOTOGRAPHY COVERAGE

Access to much of the Federal Government's aerial photography holdings and programs has been simplified and facilitated through the publishing of the Aerial Photography Summary Record System (APSRS), a series of map catalogs and supporting text which categorizes this coverage in the following manner:

- planned aerial photo coverage
- photo acquisition programs in progress
- existing aerial photo coverage

Developed by the National Cartographic Information Center (NCIC), the APSRS provides a single source where potential users can determine both the characteristics and sources of aerial photography covering areas of interest. The catalogs contain outline map indexes to reference the geographic coverage, general time of acquisition, scale range, and sources of the photography. Each APSRS catalog summarizes the coverage in a 15° strip of longitude, with four catalogs providing complete coverage of the conterminous United States. A catalog for Alaska and Hawaii (#1) will be published in the near future. The catalog numbers and coverage are shown below:



APSRS Area Coverage and Catalog Numbers

Each map index shows state and county boundaries, and symbols represent agencies or organizations providing data on their holdings and plans. Coverage is shown for areas as small as a 1:24,000 scale topographic map, or about 60 square miles. When more than one agency has reported photographic coverage, only the most recent coverage is shown.

Among the agencies cooperating with NCIC in the APSRS program are the Forest Service, Soil Conservation Service, and Agricultural Stabilization and Conservation Service of the Department of Agriculture; the National Ocean Survey; the Defense Mapping Agency; and the EROS Data Center, U.S. Geological Survey. Over 13 million frames of aerial photography have been evaluated in the preparation of the APSRS catalogs.

APSRS catalogs of the United States, and microfiche of computer listings describing coverage characteristics, can be purchased by completing the form on the reverse side.

Figure 15. -- ORDER FORM

AERIAL PHOTOGRAPHY SUMMARY RECORD SYSTEM

Date _____

NAME Mr. Ms. _____
(First) (Initial) (Last)

ADDRESS _____ PHONE _____

CITY _____ STATE _____ ZIP CODE _____

CATALOGS

STRIP	UNIT PRICE	QTY	TOTAL PRICE
2	$1.00		
3	1.00		
4	1.00		
5	1.00		
ALL FOUR	4.00		
		TOTAL COST	

MICROFICHE SETS*

STRIP	UNIT PRICE	QTY	TOTAL PRICE
2	$2.85		
3	2.10		
4	2.55		
5	1.50		
ALL FOUR	9.00		
		TOTAL COST	
		GRAND TOTAL	

*Microfiche are designed for use on a 48X reader. Each microfiche (105 X 148 mm) may contain up to 269 full pages of computer listings.

NOTE: MAKE ALL CHECKS PAYABLE TO "U.S. GEOLOGICAL SURVEY" AND MAIL TO:
USER SERVICES, EROS DATA CENTER, SIOUX FALLS, SD 57198
PHONE: Commercial (605) 594-6511; FTS 784-7508

Figure 10 --

PRICE LIST

STANDARD REMOTE SENSING DATA

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JANUARY 1, 1977

SATELLITE DATA

STANDARD LANDSAT

IMAGE SIZE	NOMINAL SCALE	PRODUCT FORMAT	BLACK and WHITE UNIT PRICE	BLACK and WHITE PRODUCT CODE	COLOR UNIT PRICE	COLOR PRODUCT CODE
56.8mm (2.2 in.)	1:3368000	Film Positive	$ 8.00	11		
56.8mm (2.2 in.)	1:3368000	Film Negative	10.00	01		
18.5cm (7.3 in.)	1:1000000	Paper	8.00	23	$12.[illegible]	63
18.5cm (7.3 in.)	1:1000000	Film Positive	10.00	13	1[illegible]	53
18.5cm (7.3 in.)	1:1000000	Film Negative	10.00	03		
37.1cm (14.6 in.)	1:500000	Paper	12.00	24	25.00	64
74.2cm (29.2 in.)	1:250000	Paper	20.00	26	50.00	66
COLOR COMPOSITE GENERATION					$60.00	59

NOTE 1) Portrayed in false color (infrared) and not true color
2) Cost of product from this composite must be added to total cost

COMPUTER COMPATIBLE TAPES (CCT)

TRACKS	b.p.i.	FORMAT	SET PRICE	PRODUCT CODE
7	800	Tape Set	$ 200.00	82
9	800	Tape Set	200.00	83
9	1600	Tape Set	200.00	84

SELECTED COVERAGE

IMAGE SIZE	FORMAT	BAND(S)	BLACK and WHITE UNIT PRICE	BLACK and WHITE PRODUCT CODE	COLOR UNIT PRICE	COLOR PRODUCT CODE
18.5cm (7.3 in.)	Paper	5	$ 8.00	41	$12.00	4[illegible]
18.5cm (7.3 in.)	Paper	4, 5, 6, 7	32.00	45		
37.1cm (14.6 in.)	Paper	5	12.00	42	25.00	47
74.2cm (29.2 in.)	Paper	5	20.00	43	50.00	48

MANNED SPACECRAFT DATA

SKYLAB S190A

IMAGE SIZE	NOMINAL SCALE	PRODUCT FORMAT	BLACK and WHITE UNIT PRICE	BLACK and WHITE PRODUCT CODE	COLOR UNIT PRICE	COLOR PRODUCT CODE
55.8mm (2.2 in.)	1:2850000	Film Positive	$ 8.00	11	$10.00	51
55.8mm (2.2 in.)	1:2850000	Film Negative	10.00	01		
16.3cm (6.4 in.)	1:1000000	Paper	8.00	23	12.00	63
32.5cm (12.9 in.)	1:500000	Paper	12.00	24	25.00	64
65.0cm (25.6 in.)	1:250000	Paper	20.00	26	50.00	66

SKYLAB S190B

IMAGE SIZE	NOMINAL SCALE	PRODUCT FORMAT	BLACK and WHITE UNIT PRICE	BLACK and WHITE PRODUCT CODE	COLOR UNIT PRICE	COLOR PRODUCT CODE
11.4cm (4.5 in.)	1:950000	Paper	$ 6.00	22	$ 8.00	62
11.4cm (4.5 in.)	1:950000	Film Positive	8.00	12	12.00	52
11.4cm (4.5 in.)	1:950000	Film Negative	10.00	02		
21.8cm (8.6 in.)	1:500000	Paper	8.00	23	12.00	63
43.4cm (17.1 in.)	1:250000	Paper	12.00	24	25.00	64
86.9cm (34.2 in.)	1:125000	Paper	20.00	26	50.00	66

APOLLO/GEMINI

IMAGE SIZE	NOMINAL SCALE	PRODUCT FORMAT	BLACK and WHITE UNIT PRICE	BLACK and WHITE PRODUCT CODE	COLOR UNIT PRICE	COLOR PRODUCT CODE
56.8mm (2.2 in.)	Variable	Film Positive	$ 8.00	11	$10.00	51
56.8mm (2.2 in.)	Variable	Film Negative	10.00	01		
22.6cm (8.9 in.)	Variable	Paper	8.00	23	12.00	63
45.5cm (17.9 in.)	Variable	Paper	12.00	24	25.00	64

Figure 17 --

AIRCRAFT DATA

AERIAL MAPPING

IMAGE SIZE	PRODUCT FORMAT	BLACK and WHITE UNIT PRICE	BLACK and WHITE PRODUCT CODE	COLOR UNIT PRICE	COLOR PRODUCT CODE
22.9cm (9.0 in.)	Paper	$ 3.00	23	$ 7.00	63
22.9cm (9.0 in.)	Film Positive	5.00	13	15.00	53
22.9cm (9.0 in.)	Film Negative	6.00	03		
46.7cm (18.0 in.)	Paper	10.00	24	25.00	64
68.6cm (27.0 in.)	Paper	15.00	25	30.00	65
91.4cm (36.0 in.)	Paper	20.00	26	50.00	66

PHOTO INDEXES

IMAGE SIZE	PRODUCT FORMAT	BLACK and WHITE UNIT PRICE	BLACK and WHITE PRODUCT CODE	FILM SOURCE
25.4x30.5cm (10x12 in.)	Paper	$ 5.00	36	B & W – Size A
OTHER	Paper	5.00	37	B & W – Size B

NASA RESEARCH

IMAGE SIZE	PRODUCT FORMAT	BLACK and WHITE UNIT PRICE	BLACK and WHITE PRODUCT CODE	COLOR UNIT PRICE	COLOR PRODUCT CODE
55.8mm (2.2 in.)	Film Positive	$ 3.00	11	$10.00	51
55.8mm (2.2 in.)	Film Negative	4.00	01		
11.4cm (4.5 in.)	Paper	3.00	22	7.00	62
11.4cm (4.5 in.)	Film Positive	4.00	12	12.00	52
11.4cm (4.5 in.)	Film Negative	5.00	02		
22.9cm (9.0 in.)	Paper	3.00	23	7.00	63
22.9cm (9.0 in.)	Film Positive	5.00	13	15.00	53
22.9cm (9.0 in.)	Film Negative	6.00	03		
22.9x45.7cm (9x18 in.)	Paper	9.00	31	20.00	69
22.9x45.7cm (9x18 in.)	Film Positive	10.00	14	30.00	56
22.9x45.7cm (9x18 in.)	Film Negative	12.00	04		
46.7cm (18.0 in.)	Paper	10.00	24	25.00	64
68.6cm (27.0 in.)	Paper	15.00	25	30.00	65
91.4cm (36.0 in.)	Paper	20.00	26	50.00	66

MISCELLANEOUS

MICROFILM

FORMAT	BLACK and WHITE ROLL PRICE	BLACK and WHITE PRODUCT CODE	COLOR ROLL PRICE	COLOR PRODUCT CODE
16mm (30.5m/100 ft.)	$15.00	72	$40.00	73
35mm (30.5m/100 ft.)	20.00	72	45.00	73

KELSH PLATES

FORMAT	BLACK and WHITE UNIT PRICE	BLACK and WHITE PRODUCT CODE
Contact Prints on Glass Specify thickness (0.25 or 0.06 inch) and method of printing (emulsion to emulsion or through film base)	$12.00	70

TRANSFORMED PRINTS

FORMAT	BLACK and WHITE UNIT PRICE	BLACK and WHITE PRODUCT CODE
From convergent or transverse low oblique photographs	$ 8.00	71

VIEWING SLIDES

FORMAT	COLOR UNIT PRICE	COLOR PRODUCT CODE
35mm mounted duplicate of available printing master	$ 1.00	50
NOTE 35mm original will require additional $5.00, not to include cost of mounted duplicate.		

Complete roll reproduction delivered in roll format carries a 50% reduction in frame pricing.
Custom processing of non-standard products is available at three times the standard product price If a non-standard size is desired, the cost is three times the next larger standard product price.
Priority service w[illegible] guaranteed five working days shipment is offered for standard products only, at three times the standard product price.
Extra care should be taken to insure that monies and related order forms are f[illegible] to the same facility.

☆ U.S. G.P.O. 1977-766-398/61 REG.#6

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