



CAT. 482

PIONEER VENUS
CLOUD PHOTO POLARIMETER
78-051A-06B

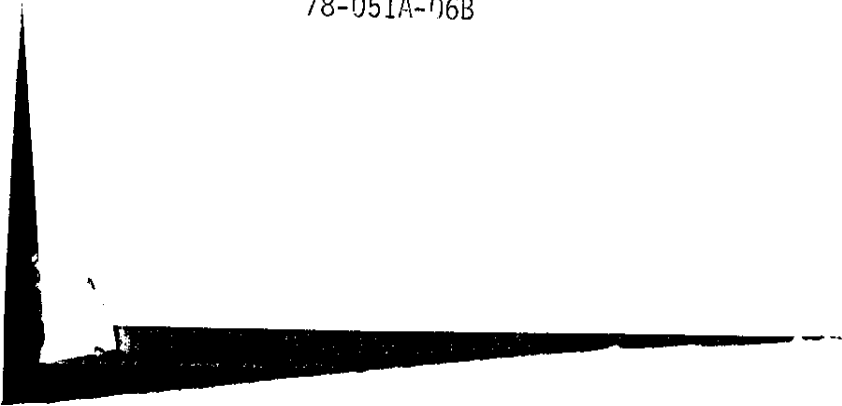


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1. INTRODUCTION:

The documentation for this data set was originally on paper, kept in NSSDC's Data Set Catalogs (DSCs). The paper documentation in the Data Set Catalogs have been made into digital images, and then collected into a single PDF file for each Data Set Catalog. The inventory information in these DSCs is current as of July 1, 2004. This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system. The information existing in the DSCs is now not needed for locating the data files, but we did not remove that inventory information.

The offline tape datasets have now been migrated from the original magnetic tape to Archival Information Packages (AIP's).

A prior restoration may have been done on data sets, if a requestor of this data set has questions; they should send an inquiry to the request office to see if additional information exists.

2. ERRATA/CHANGE LOG:

NOTE: Changes are made in a text box, and will show up that way when displayed on screen with a PDF reader.

When printing, special settings may be required to make the text box appear on the printed output.

Version	Date	Person	Page	Description of Change
01				
02				

3 LINKS TO RELEVANT INFORMATION IN THE ONLINE NSSDC
INFORMATION SYSTEM:

<http://nssdc.gsfc.nasa.gov/nmc/>

[NOTE: This link will take you to the main page of the NSSDC Master Catalog. There you will be able to perform searches to find additional information]

4. CATALOG MATERIALS:

- a. Associated Documents To find associated documents you will need to know the document ID number and then click here.
<http://nssdcftp.gsfc.nasa.gov/miscellaneous/documents/>

- b. Core Catalog Materials

PIONEER VENUS 1

DIGITAL MAP IMAGES ON MAG TAPE

78-051A-06B PSPA-00077

THIS DATA SET HAS BEEN RESTORED. ORIGINALLY IT CONTAINED 72 9-TRACK, 1600 BPI TAPES AND THREE 9-TRACK, 6250 BPI TAPES WRITTEN IN EBCDIC. THERE ARE 12 RESTORED TAPES WRITTEN IN ASCII. THE DR TAPES ARE 3480 CARTRIDGES AND THE DS TAPES ARE 9-TRACK, 6250 BPI. THE ORIGINAL TAPES WERE CREATED ON AN IBM 360 COMPUTER AND THEY WERE RESTORED ON THE MRS SYSTEM. THE DR AND DS NUMBERS ALONG WITH THE CORRESPONDING D NUMBERS AND THE TIME SPANS ARE AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR004375	DS004375	D043232	1-14	12/08/78 - 01/06/79
		D059439	15-28	01/07/79 - 01/26/79
		D059440	29-42	02/02/79 - 02/21/79
		D059441	43-56	02/22/79 - 03/04/79
		D059442	57-70	03/04/79 - 03/23/79
		D059443	71-84	03/27/79 - 05/27/79
		D059444	85-101	05/27/79 - 07/17/79
		D059445	102-115	08/07/79 - 10/21/79
		D059446	116-130	10/22/79 - 11/06/79
		D059447	131-145	11/07/79 - 11/12/79
DR004376	DS004376	D059448	1-15	11/12/79 - 12/07/79
		D059449	16-29	12/07/79 - 01/04/80
		D059450	30-44	01/04/80 - 01/10/80
		D059451	45-56	01/12/80 - 02/03/80
		D059452	57-70	02/03/80 - 02/18/80
		D059453	71-84	02/20/80 - 03/11/80
		D059454	85-99	03/11/80 - 03/19/80
		D059455	100-117	07/16/80 - 07/27/80
		D059456	118-132	03/19/80 - 07/16/80
		D064588	133-145	08/01/80 - 08/08/80
		D064589	146-159	08/08/80 - 08/20/80
		D064590	160-173	08/21/80 - 08/26/80
		D064591	174-187	08/26/80 - 09/03/80
		D064592	188-201	09/04/80 - 09/22/80
		D064593	202-214	09/23/80 - 10/06/80
		D064594	215-228	10/07/80 - 10/18/80
		D064595	229-242	10/18/80 - 10/22/80
		D064596	243-256	10/22/80 - 10/29/80
		D064597	257-269	10/30/80 - 11/26/80

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DR#	DS#	D#	FILES	TIME SPAN
DR004377	DS004377	D064598	1-14	11/28/80 - 12/18/80
		D064599	15-28	12/19/80 - 12/22/80
		D064600	29-42	12/22/80 - 12/26/80
		D064601	43-56	12/27/80 - 12/31/80
		D064602	57-64	01/02/81 - 01/03/81
		D064603	65-78	01/03/81 - 01/09/81
		D064604	79-92	01/11/81 - 02/02/81
		D064605	93-106	02/02/81 - 02/09/81
		D064606	107-120	02/09/81 - 02/24/81
DR004378	DS004378	D064607	1-14	02/25/81 - 03/07/81
		D064608	15-28	03/07/81 - 05/24/81
		D064609	29-42	05/25/81 - 06/07/81
		D064610	43-56	06/07/81 - 06/16/81
		D064611	57-70	06/17/81 - 06/30/81
		D064612	71-84	07/01/81 - 07/06/81
		D064613	85-98	07/06/81 - 07/11/81
		D064614	99-112	07/11/81 - 07/17/81
		D064615	113-125	07/17/81 - 07/23/81
		D064616	126-139	07/23/81 - 07/28/81
		D064617	140-153	07/28/81 - 08/03/81
DR004379	DS004379	D064618	1-14	08/04/81 - 08/20/81
		D064619	15-28	08/21/81 - 09/04/81
		D064620	29-42	09/05/81 - 09/19/81
		D064621	43-56	09/21/81 - 10/02/81
		D064622	57-70	10/02/81 - 10/07/81
		D064623	71-84	10/07/81 - 10/12/81
		D064624	85-95	10/13/81 - 10/18/81
		D064625	96-112	10/18/81 - 10/24/81
		D064626	113-126	10/24/81 - 10/29/81
		D064627	127-140	10/29/81 - 11/04/81
		D064628	141-154	11/05/81 - 11/21/81
		D078327	155-223	11/13/81 - 02/01/82
DR004380	DS004380	D078328	1-56	02/01/82 - 06/10/82
		D078329	57-146	06/11/82 - 04/20/83
		D078330	147-208	04/21/83 - 11/19/83
DR004381	DS004381	D079061	1-46	11/23/83 - 04/12/84
		D079062	47-114	04/13/84 - 06/25/85
		D079063	115-190	06/26/85 - 05/14/86
DR004382	DS004382	D079149	1-49	05/14/86 - 06/24/86
		D079150	50-96	07/08/86 - 01/21/87
		D079151	97-140	01/23/87 - 03/26/87
DR004383	DS004383	D079152	1-49	03/27/87 - 10/22/87
		D079153	50-102	10/25/87 - 04/01/88
DR004847	DS004847	D104171	1-143	04/01/88 - 11/20/88

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DR#	DS#	D#	FILES	TIME SPAN
DR004848	DS004848	D104172	1-153	11/21/88 - 09/24/89
DR004849	DS004849	D104173	1-98	01/26/90 - 12/05/90

PIONEER VENUS
CLOUD PHOTOPOLARIMETER
78-051A-06B

THESE 3 TAPES ARE ADDITIONS TO THE PREVIOUS 64 TAPES, TOTALING 67 TAPES IN THIS DATSET. THE 3 TAPES BELOW ARE 6250 BPI, MULTIFILED, WRITTEN IN EBCDIC. THE TAPE WERE CREATED ON AN IBM 360 COMPUTER. THE D AND C NUMBERS ALONG WITH THEIR TIME SPANS CAN BE FOUND BELOW. THE C TAPES ARE 3480 CARTRIDGES.

D#	C#	FILES	TIMESPANS
D-104171	C-031285	143	04/01/88-11/20/88
D-104172	C-031286	153	11/21/88-09/24/89
D-104173	C-031287	98	01/26/90-12/05/90

REQ. AGENTLSM
DAD
SAR
DHGRAND NO.V0071
V0207
V0277ACQ. AGENTWSC
WSC
HKH
PSB

PIONEER VENUS 1

CLOUD PHOTOPOLARIMETER

78-051A-06B

This data set consists of 64 9-track, 1600 bpi, multifiled, EBCDIC, card image tapes. Each file contains 1 OCPP polarimetry map. All the tapes were created on an IBM 360/195 computer.

<u>D#</u>	<u>C#</u>	<u>FILES</u>	<u>TIME SPAN</u>
D-43232	C-21332	14	12/08/78 - 01/06/79
D-54939	C-23373	14	01/07/79 - 01/26/79
D-59440	C-23374	14	02/02/79 - 02/21/79
D-59441	C-23375	14	02/22/79 - 03/04/79
D-59442	C-23376	14	03/04/79 - 03/23/79
D-59443	C-23377	14	03/27/79 - 05/27/79
D-59444	C-23378	17	05/27/79 - 07/07/79
D-59445	C-23379	14	08/07/79 - 10/21/79
D-59446	C-23380	15	10/22/79 - 11/06/79
D-59447	C-23381	15	11/07/79 - 11/12/79
D-59448	C-23382	15	11/12/79 - 12/07/79
D-59449	C-23383	14	12/07/79 - 01/04/80
D-59450	C-23384	15	01/04/80 - 01/10/80
D-59451	C-23385	12	01/12/80 - 02/03/80
D-59452	C-23386	14	02/03/80 - 02/18/80
D-59453	C-23387	15	02/20/80 - 02/18/80
D-59454	C-23388	15	03/11/80 - 03/19/80
D-59456	C-23390	15	03/19/80 - 07/16/80
D-59455	C-23389	18	07/16/80 - 07/27/80
D-64588	C-24506	13	08/01/80 - 08/08/80
D-64589	C-24507	14	08/08/80 - 08/20/80
D-64590	C-24508	14	08/21/80 - 08/26/80
D-64591	C-24509	14	08/26/80 - 09/03/80
D-64592	C-24510	14	09/04/80 - 09/22/80
D-64593	C-24511	13	09/23/80 - 10/06/80
D-64594	C-24512	14	10/07/80 - 10/18/80
D-64595	C-24513	14	10/18/80 - 10/22/80
D-64596	C-24514	14	10/22/80 - 10/29/80
D-64597	C-24515	13	10/30/80 - 11/26/80
D-64598	C-24516	14	11/28/80 - 12/18/80
D-64599	C-24517	14	12/19/80 - 12/22/80
D-64600	C-24518	14	12/22/80 - 12/26/80
D-64601	C-24519	14	12/27/80 - 12/31/80

<u>D#</u>	<u>C#</u>	<u>FILES</u>	<u>TIME SPAN</u>
D-64602	C-24520	8	01/01/81 - 01/03/81
D-64603	C-24521	14	01/03/81 - 01/09/81
D-64604	C-24522	14	01/11/81 - 02/02/81
D-64605	C-24523	14	02/02/81 - 02/09/81
D-64606	C-24524	14	02/09/81 - 02/24/81
D-64607	C-24525	14	02/25/81 - 03/07/81
D-64608	C-24526	14	03/07/81 - 05/24/81
D-64609	C-24527	14	05/25/81 - 06/06/81
D-64610	C-24528	14	06/07/81 - 06/16/81
D-64611	C-24529	14	06/17/81 - 06/30/81
D-64612	C-24530	14	07/01/81 - 07/06/81
D-64613	C-24531	14	07/06/81 - 07/11/81
D-64614	C-24532	14	07/11/81 - 07/17/81
D-64615	C-24533	14	07/17/81 - 07/23/81
D-64616	C-24534	14	07/23/81 - 07/28/81
D-64617	C-24535	14	07/28/81 - 08/03/81
D-64618	C-24536	14	08/04/81 - 08/20/81
D-64619	C-24537	14	08/21/81 - 09/04/81
D-64620	C-24538	14	09/05/81 - 09/19/81
D-64621	C-24539	14	09/21/81 - 10/02/81
D-64622	C-24540	14	10/02/81 - 10/07/81
D-64623	C-24541	14	10/07/81 - 10/12/81
D-64624	C-24542	14	10/13/81 - 10/18/81
D-64625	C-24543	14	10/18/81 - 10/24/81
D-64626	C-24544	14	10/24/81 - 10/29/81
D-64627	C-24545	14	10/29/81 - 11/04/81
D-64628	C-24546	14	11/05/81 - 11/12/81
D-78327	C-26775	69	11/13/81 - 02/01/82
D-78328	C-26775	56	02/01/92 - 06/10/82
D-78329	C-26777	90	06/11/82 - 04/20/83
D-78330	C-26778	62	04/21/83 - 11/19/83



National Aeronautics and
Space Administration

Goddard Space Flight Center

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March 11, 1988

National Space Science Data Center
Central Data Services Facility
Code 633
Goddard Space Flight Center
Greenbelt, Maryland 20771

Gentlemen:

Enclosed you will find four magnetic tapes containing digital polarimetry data from the Pioneer Venus Orbiter Cloud Photopolarimeter Experiment. These tapes have external labels NSSD61 - NSSD64 and use exactly the same format as that used for previously submitted tapes NSSD01 - NSSD60 (as described in the documentation accompanying the original submission) except that there are many more files per tape for the enclosed tapes. Also enclosed is an updated catalog of the polarimetry maps. As before, this catalog identifies the tape and file number corresponding to each map.

Sincerely,

Larry Travis

Enclosures

DRAFT
1/30/81

Experiment Objectives

The Pioneer Venus Orbiter Cloud Photopolarimeter (OCP) functions both as a spin-scan imaging system providing 30-km resolution images of the near ultraviolet (365 nm) cloud features and as a polarimeter yielding low resolution maps at four wavelengths: 270, 365, 550 and 935 nm. The objectives of the OCP experiment are: 1) to determine the physical properties, vertical and horizontal distribution and the temporal variability of the haze and cloud aerosols on Venus, and 2) to record in images made in the near ultraviolet the varying cloud morphology and the short and long term character of the apparent cloud motions. Although Venus is completely covered by clouds that are essentially featureless in the visible part of the spectrum, the appearance of variable features in the near ultraviolet was noted as early as 1927 (Wright, 1927; Ross, 1928). More recent observations indicated that certain identifiable markings such as the dark, horizontal Y appeared to exhibit a retrograde "rotation" with a period of about four days (Boyer and Camichel, 1961; Smith, 1967). The first high-resolution view of the UV markings was provided by the vidicon imaging system on the Mariner 10 spacecraft during an 8-day encounter period at the time of the 1974 flyby of Venus. These images not only confirmed the retrograde motion of the planetary scale features, but showed a basic zonal flow with a latitudinal velocity variation measured by tracking smaller scale cloud features (Suomi, 1975). Superposed on this apparent zonal circulation were various wave-like features, streaks spiraling towards (or from) a bright polar "ring", mottled regions and cellular features, the latter suggestive of convective activity.

At the same time some of the mystery regarding the identity of the particles forming the ubiquitous clouds was being solved through the analysis of

ground-based polarimetry observations. The polarization of light scattered by cloud particles depends strongly on the particle shape, size distribution and refractive index; thus, by inverting the problem one can in principle deduce these particle physical properties from polarization observations (Hansen and Travis, 1974). With such analyses Hansen and Hovenier (1974) established that the dominant cloud particles are spherical, have a relatively narrow size distribution centered on an effective radius of $1.05\text{ }\mu\text{m}$, and that the index of refraction is 1.46 at 365 nm, 1.44 at 550 nm and 1.43 at 990 nm. This was the key information in the identification of the cloud particles as concentrated sulfuric acid droplets.

By making OCPP polarimetry observations from the Pioneer Venus Orbiter we are able to survey distinct cloud regions for a variety of scattering geometries, even on a single orbit. This provides the information necessary for the determination of any horizontal variations in aerosol physical properties. Since Rayleigh scattering by gaseous molecules has its own particular polarization signature which can become a significant contribution at shorter wavelengths, the OCPP observations of polarization as a function of wavelength and for different observer zenith angles can be used to determine the vertical distribution of the aerosols.

Instrument Design and Operation

The Pioneer Venus Orbiter is a spin-stabilized spacecraft placed in a nearly polar orbit of high eccentricity with a period of approximately 24 hours (Colin and Hall, 1977). The nominal on-orbit orientation has the positive spin axis aligned with the south ecliptic pole direction, and the spin period is maintained at approximately 12 seconds. The spacecraft telemetry subsystem employs a high-gain antenna dish despun to remain Earth-pointing and supports a normal data rate of 1024 bps. In order to meet the experiment

science objectives given the spacecraft and mission designs, the OCPP was configured to function as a photopolarimeter and imager in a spin-scan mode. Additionally, in order to maximize the data rate available to the OCPP, the instrument is designed so that observations are best performed during the long apoapsis portion of the orbit when the spacecraft is far from the planet and the data requirements for the aeronomy and ionospheric instruments are minimal. The basic elements of the instrument are a positionable, 3.7 cm aperture Dall-Kirkham telescope of 17.5 cm focal length, its associated optics/sensor assembly, and the electronics module (A more detailed instrument description is given by Russell et al. [1977]). A filter/retarder wheel with 16 equally spaced active positions is located near the telescope focal plane in the optics/sensor assembly and is positioned or cycled according to the desired observational mode. Photopolarimetry is performed using three positions for each of the four wavelengths: 270, 365, 550 and 935 nm. In each case, a half-wave retarder mounted on the front (telescope side) of the wheel covers the three positions and is oriented such that as the wheel rotates, the retarder fast axis is respectively at 0° , $22\frac{1}{2}^\circ$ and 45° relative to the instrument plane. The scene flux then passes through the spectral bandpass filter located on the aft side of the wheel and is analyzed by a birefringent Wollaston prism into two orthogonally polarized beams. These beams are in turn imaged onto their respective UV-enhanced silicon photodiode detectors, which are operated in the photovoltaic mode. In the photopolarimetry mode cycle, the filter/retarder wheel steps to a new active position once each spacecraft spin period, with a pause at the $11\frac{1}{4}^\circ$ intermediate position for the dc-restore at dark levels. The six intensity measurements for a given spectral band thus provide the information necessary to extract the total intensity, degree of linear polarization and its azimuth. The redundancy of six measurements for

for three unknowns provides internal cross calibration of the two detectors and makes possible polarization measurement accuracies of better than 0.2 percent.

Two of the four remaining active positions are used in the photopolarimetry mode as a calibration of the aft optics and detectors by means of angled scattering surfaces mounted on the aft side of the filter/retarder wheel which are illuminated by a reference calibrator lamp. The imaging mode is performed with the wheel fixed at a position with a small folding mirror and a 365 nm bandpass filter on the aft side. The beam is thus directed to a fused silica field lens which images the scene on a separate silicon photodiode detector. The last of the 16 active positions also uses a folding mirror and detector at the side of the wheel, but employs a 690 nm bandpass filter for a third instrument mode, limb scan. Observations in this mode are made at the lowest spacecraft altitudes and are intended to detect the presence of any stratified haze layers high above the main cloud deck.

To apply the spin-scan technique, we fix the OCPP telescope at an appropriate look angle in the range, $0^\circ - 145^\circ$. The OCPP telescope articulation is in a plane containing the spacecraft spin axis, with the look angle measured from the positive spin axis direction. The disk of the planet is thus scanned by spacecraft rotation, with one scan line being generated each roll. Since the spacecraft spin axis is oriented perpendicular to the ecliptic plane and the orbit is nearly polar (105° inclination), the spacecraft orbital motion can be used to provide cross-scan translation with excellent geometric fidelity. The characteristics of the nominal orbit were known at the time of final instrument design; they were therefore used in selecting the instantaneous field of view (IFOV) size which would yield good image quality over most of the apoapsis portion of the orbit. For a rectangular IFOV, a translation

in the cross-scan direction of one-half the IFOV dimension provides optimum resolution. The IFOV chosen was 0.4 by 0.45 mrad, the latter being the dimension for the cross-scan direction. Figure 1 shows for this choice and for the nominal orbit (24 hour period, 39460 km semimajor axis, 0.843 eccentricity, 105° inclination and 18.5° latitude of periapsis), the cross-scan overlap of IFOV's as a function of time from apoapsis. An overlap of 0.5 or more meets the criterion for optimum resolution; it is met for a period of approximately 14 hours, centered on apoapsis. When the cross-scan translation exceeds 0.45 mrad, underlap occurs and is denoted by the negative values in Figure 1. Our normal procedure has been to restrict imaging observations to the 18 hour period centered on apoapsis, thus avoiding underlap conditions and incurring only a modest degradation in cross-scan resolution near the beginning and end of that period. In Figure 2 the subspacecraft latitude and longitude are displayed as a function of time from apoapsis. The more rapid variation of latitude with time is of course a result of the high inclination orbit. The disk of the planet viewed from the spacecraft ranges from about 17° diameter at apoapsis ± 9 hours to 10° at apoapsis. The time required to complete the cross-scan raster for a full disk image is typically about 4 hours.

In order to achieve a resolution in the along-scan, or roll direction that is comparable to that for cross-scan, we selected the 0.4 mrad IFOV dimension and a normal sample time of 0.488 msec. A scan line consists of 1016 8-bit intensity measurements, thus covering a 14.9° swath in roll for a 12-sec spin period. An optional low sample rate of 0.61 msec yields 18.6° in coverage when necessary, with a slight decrease in resolution along the scan line. The OCPP image is thus built up of elements whose resolution is typically 30 km at the subspacecraft point. The instrument can be commanded to begin taking data at any selected location in the 360° spacecraft roll using the spacecraft supplied roll index pulse as a reference.

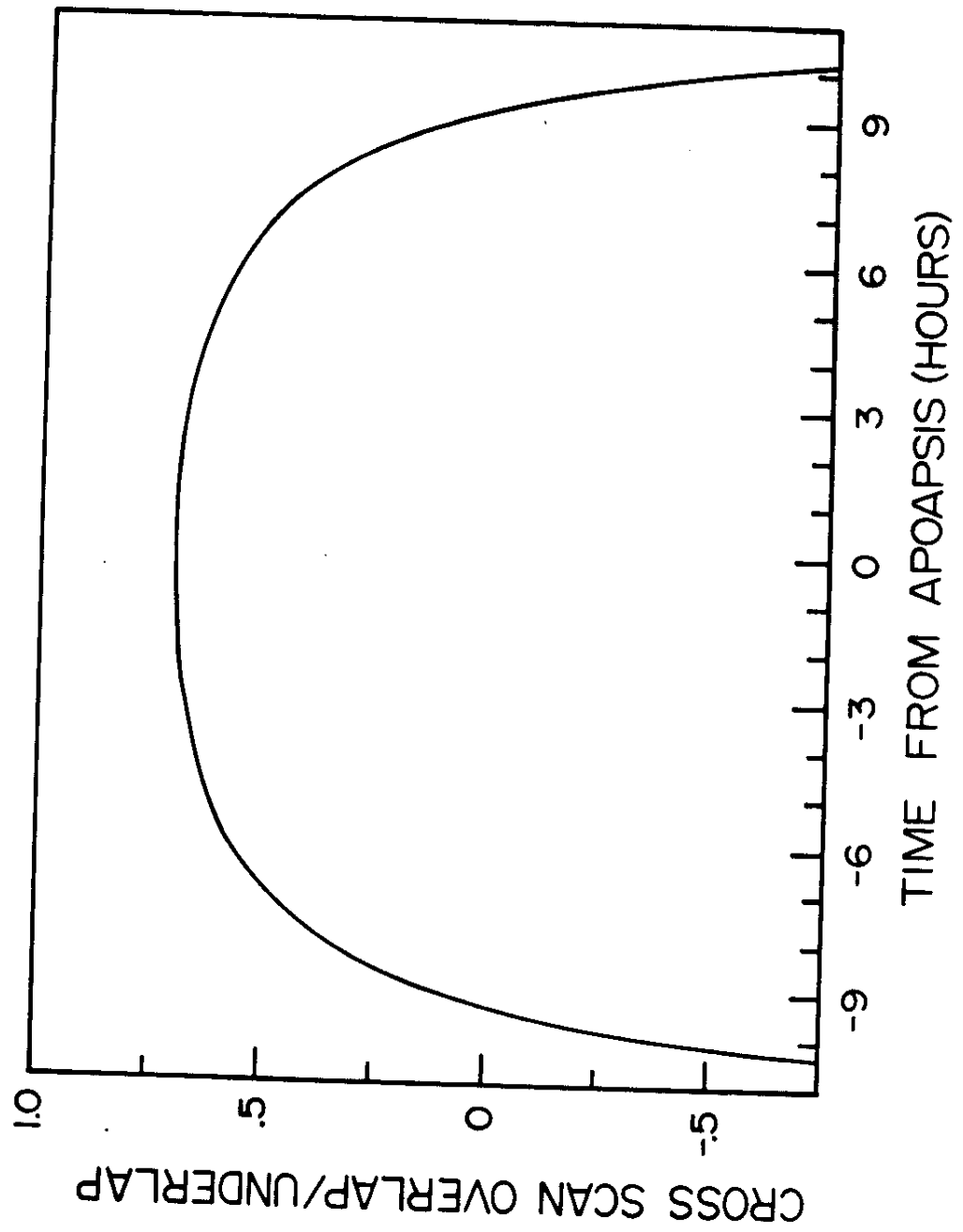


Fig. 1

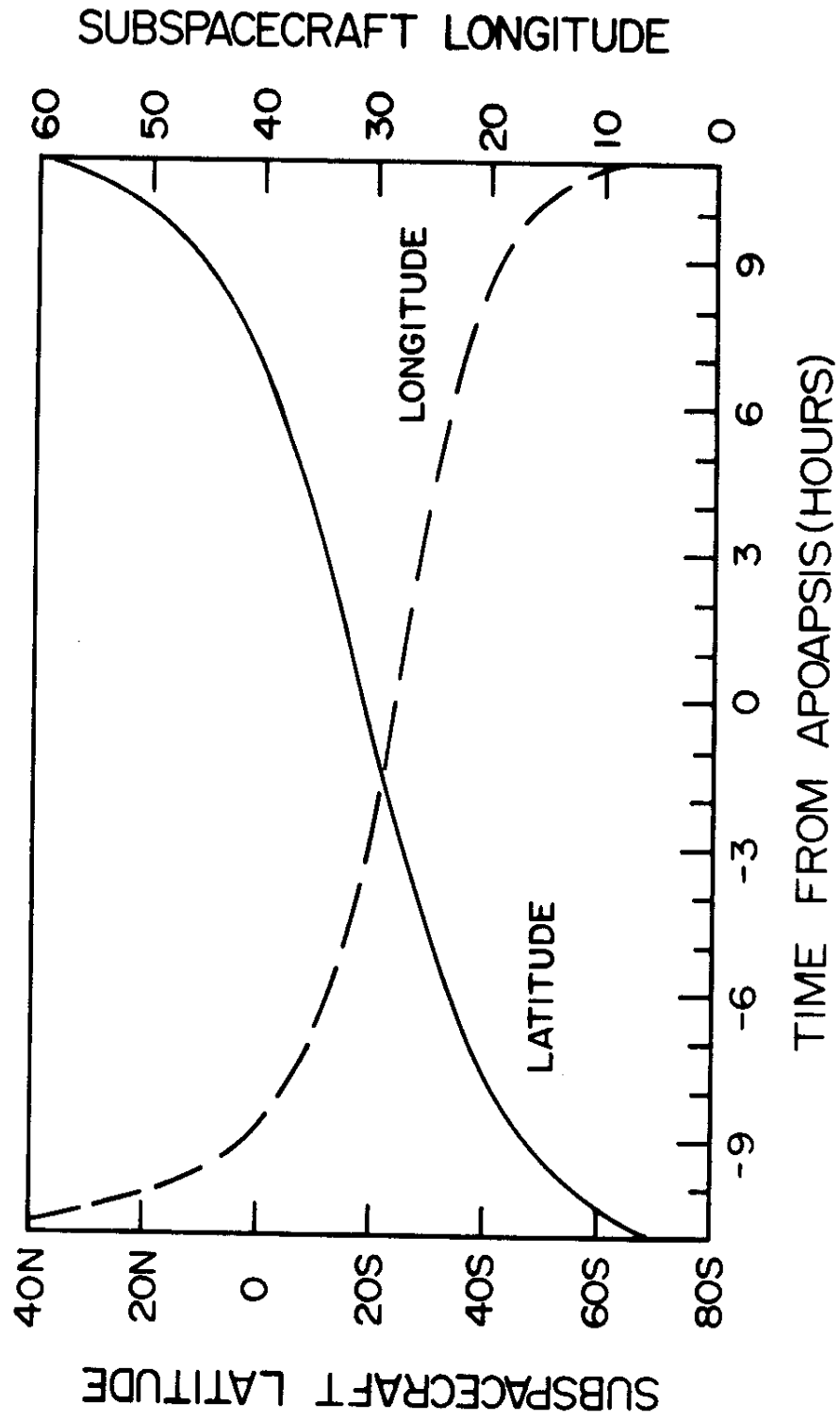


Fig. 2

The normal photopolarimetry observation involves mapping the planet in essentially the same spin-scan technique used for imaging. However, a complete photopolarimetry "scan line" requires a cycle of 16 spacecraft rolls, one for each filter/retarder wheel position. Using the same considerations applied in the choice of the imaging IFOV, we are thus led to a photopolarimetry IFOV approximately a factor of 16 larger, 6.5 by 8 mrad. This larger aperture at the same time provides the necessary signal to obtain the appropriately high signal-to-noise ratios required for polarimetry accuracy. A maximum of 136 pairs of 11-bit intensities is acquired for each roll using a normal sample rate of 9.52 msec; this yields a swath of 38.8° for a 12-sec spin period. Since we are primarily interested in regional coverage and variations in scattering geometry as opposed to "image quality" for the photopolarimetry maps, observations are performed to within $1\frac{1}{2}$ hours of periapsis, or apoapsis $\pm 10\frac{1}{2}$ hours.

In addition to the inflight calibration of aft photopolarimetry optics and detectors by the calibration lamp, the OCPP employs a solar diffuser calibrator which is viewed when the telescope is pointed at 0° look angle. The outer port of the diffuser is a fused silica plate (roughened on its interior side) parallel to the spacecraft spin axis; it thus faces the sun once each spacecraft roll. A diagonal plate with an appropriate neutral density coating reflects the diffuse source downward through two additional roughened fused silica plates towards the telescope. The solar diffuser is constructed to provide a source close to the typical radiance level seen when viewing the planet. During pre-flight calibration and testing, its attenuation was measured to approximately 10 percent absolute accuracy for 935 nm and 6 percent for 550 and 365 nm. Since the sun itself was used as the source in this calibration, no measurement at 270 nm was possible due to the earth's atmospheric absorption.

Data Description

The basic data available from the OCPP experiment are of two types. Digital imaging data have been processed to make hardcopy images in the form of 4" x 5" negatives. Polarimetry data have reduced and individual map elements have been tagged with latitude, longitude and scattering geometry information. The resulting digital data are stored on magnetic tape in EBCDIC card image format.

Imaging Data. The raw data for a typical full-disk image is composed of approximately 1000 scan lines, with up to 800 8-bit intensities, or pixels, for each scan line. Because of the nature of the spin-scan process, and image constructed simply by treating each pixel as a rectangular element of 0.4 by 0.45 mrad and placing scan lines in a contiguous sequence would be very distorted in appearance. We therefore create an image array which is "geometrically rectified" using bilinear interpolation of the raw intensity data. This rectified image thus has an appearance similar to that of a "snapshot" image; in particular, the bright limb is a circular arc. Note, however, that this image is not equivalent to an orthographic projection. The spin-scan technique with the OCPP telescope fixed at a particular look angle during the three to four hour period of acquisition of data for a full-disk image yields coverage of a full 180° of latitude. On the other hand, the coverage for each scan line is limited to the fraction of the hemisphere visible from the finite spacecraft distance, i.e., a "longitude" range equal to the supplement of the apparent angular diameter. Because the spacecraft orbit is not exactly polar, there is also a small change in the subspacecraft longitude during the acquisition of the image. As a result of these factors along with our desire to produce an image that includes all of the data, the rectified images are slightly distorted in comparison to what a true snapshot would show. Further,

there is no simple relationship between image coordinates and body-fixed latitude and longitude.

In order to improve the visibility of the normally low contrast cloud features, the rectified image array is in each case contrast enhanced using the following procedure. A low-pass filtered version of the image is created by averaging intensities over a square window whose dimension is approximately 30 percent of the disk radius. When the resulting smoothed image is subtracted from the original, we are left with a high-pass filtered version, which emphasizes the small scale features. By forming an appropriately weighted average of the original and the high-pass filtered image, we obtain a version which retains some of the normal large scale shading while enhancing the contrast of the medium and small scale cloud features.

Negatives for each final image were produced using an Optronics P-1500 Photowrite digital filmwriter, which employs Kodak Linagraph Shellburst film. The 4" x 5" negatives have 2000 by 2500 resolution elements, with a full-disk image having a diameter of 1600 elements. Although the filmwriter is capable of exposing the negative corresponding to 8-bit intensity data numbers, we have restricted the range to 30 - 170 DN. This range was found to be appropriate for producing prints on Kodak RC Polycontrast paper (PC filter #3) with these negatives.

Each planned OCPP imaging mode observation with a fixed telescope look angle is defined as an image and given a four-digit image number (with leading zeros when necessary), consecutive in time order. This image number is indicated at the bottom of each negative following the word "VENUS". On the same line following the image number are the year, day of year and time (HHMM) UT corresponding to the observation of disk center. The remaining smaller and less bold numerical designation following a letter "F" is a film number used

for internal records and can be ignored. Appendix A is a list of nominal mission (4 December 1978 to 4 August 1979) images available and pertinent identifying information on each. This list does not include planned images lost or with major data gaps because of telemetry difficulties or those during which spacecraft maneuvers were executed.

Polarimetry Data. As described in the previous section, in photopolarimetry mode the OCPP obtains maps of Venus using the same spin-scan technique employed for imaging. The principal difference is a trade of less resolution for more information, viz., the linear polarization and its direction in addition to intensity at four wavelengths. For a given wavelength three spacecraft rotations, or rolls, are required to provide the series of 11-bit intensity pairs at each retarder position. Under the normal observing sequences, the translation of the IFOV due to spacecraft motion between the first and third rolls is a small fraction of the size of the IFOV. Thus, it is reasonable to assume that the N^{th} sector in each of the three rolls is viewing the same part of the scene, and that the six intensities can be used in the calculation of the polarization and its direction. For each intensity pair, let us denote the respective retarder position by subscript 1, 2 or 3 and distinguish the orthogonally polarized channels by subscript S or P, viz., intensities I_{1S} , I_{1P} , I_{2S} , I_{2P} , I_{3S} and I_{3P} (in DN). The definition of S and P directions is such that an incident beam 100 percent polarized with its direction parallel to the OCPP instrument baseplate would cause $I_{1S} = I_{3P} = 0$. Let us define a factor K which represents the interchannel responsivity ratio and factors C_2 and C_3 which are the filter transmittances at retarder positions 2 and 3 relative to that at position 1. All polarimetry data is then reduced using the following relations:

$$K = [(I_{1S} I_{3S}) / (I_{1P} I_{3P})]^{\frac{1}{2}} \quad (1)$$

$$C_2 = (I_{1S} + K I_{1P}) / (I_{2S} + K I_{2P}) \quad (2)$$

$$C_3 = (I_{1S} + K I_{1P}) / (I_{3S} + K I_{3P}) \quad (3)$$

$$I = I_{1S} + K I_{1P} = C_2 (I_{2S} + K I_{2P}) = C_3 (I_{3S} + K I_{3P}) \quad (4)$$

$$Q = K I_{1P} - I_{1S} = C_3 (I_{3S} - K I_{3P}) \quad (5)$$

$$U = C_2 (K I_{2P} - I_{2S}) \quad (6)$$

$$P = 100 (Q^2 + U^2)^{\frac{1}{2}} / I \quad (7)$$

$$\gamma' = \frac{1}{2} \arctan (U/Q) \quad (8)$$

The observed total intensity I is expressed in DN and the degree of linear polarization P in percent. The angle γ' defined by Eq. (8) is the direction of polarization, or the direction of vibration of the electric field vector for the polarized component of the beam, referenced to the OCPP instrument baseplate. In general, a more useful direction is that measured relative to the local scattering plane (that plane defined by the sun-observed point and observed point-observer directions),

$$\gamma = \gamma' + \delta, \quad (9)$$

where δ , the angle between the instrument baseplate and the local scattering plane, is determined from the location of the spacecraft in its orbit, the spacecraft attitude, OCPP direction of observation and the position of the sun.

The three successive rolls for a given spectral band thus define a series of sectors across the disk of the planet for which I , P and γ are determinable. The simultaneous solution for K , C_2 and C_3 for each sector in practice accounts not only for relative interchannel response and filter transmittance but also for small scene changes between rolls. Specifically, note that Eqs. (2) and

(3) for C_2 and C_3 simply require the same total intensities for the N^{th} sectors of the three rolls.

Using the position of the spacecraft in its orbit, the spacecraft attitude and the OCPP direction of observation, we can specify the location of the point observed in a particular polarimetry sector. Each set of I , P and γ is tagged with the celestial latitude β and longitude λ , i.e., coordinates in a system with the x-y plane passing through the center of Venus and parallel to the ecliptic, with the Aries direction defining the positive x-axis. Note, that these are not the IAU Venus coordinates, and the system does not rotate with the Venus solid body rotation, but is fixed in space. In addition to the latitude and longitude, each point is tagged with the specification of the local scattering geometry, specifically, μ , the cosine of the observer zenith angle; μ_0 , the cosine of the solar zenith angle; and $\phi - \phi_0$, the difference in azimuth between the sun-observed point and observed point-observer directions (measured counterclockwise looking downward). Note that the phase angle α is specified by

$$\cos \alpha = \mu_0 \mu - (1 - \mu_0^2)^{\frac{1}{2}} (1 - \mu^2)^{\frac{1}{2}} \cos (\phi - \phi_0) \quad , \quad (10)$$

where the phase angle is the angle between the observed point-observer and observed point-sun directions.

The polarimetry data for each OCPP polarimetry map are written on magnetic tape in ~~EBCDIC~~^{ASCII} card image format, one file for each map. The attributes of each tape are: 9-track, ~~1600~~⁶²⁵⁰-bpi, no tape label records, logical record length of 80 bytes, physical record length or blocksize of 3200 bytes and thus a RECFM=FB. Appendix B lists the available maps, the respective tape and file numbers and other pertinent identifying information. The file for each map has the following format. A single card image header which identifies the polarimetry map number and the year and day of year of

acquisition has the form:

bPIONEERbVENUSbOCPPbPOLARIMETRYbMAPbnnnnbYYYR=yybbtDOY=ddd

where b signifies a blank column, nnnn is the polarimetry map number, yy is the year and ddd is the day of year. This header card is followed by groups of data (the number of these groups for each map is listed in Appendix B), one such group for each set of three rolls constituting a recoverable polarimetry "scan" at a given wavelength. Each group is headed by a card image identifying: 1) year in columns 5-6, 2) day of year in columns 13-15, 3) time (spacecraft UT) in columns 23-30 in the form HH:MM:SS, 4) wavelength: 270, 365, 550 or 935 in columns 44-46, 5) gain setting in column 57 and 6) the number of card images to follow (one for each sector) in columns 62-64. Each of the following data card images contains in order: I (DN), P (percent), γ (deg.), β (deg.), λ (deg.), μ , μ_0 and $\phi - \phi_0$ (deg.) and can be read with the Fortran format (F8.1,F7.2,2F8.2,F9.2,2F10.5,F9.2). An example of the beginning portion of a listing of all the card images for a polarimetry map tape file is shown in Figure 3. Absolute intensities can be derived from the tabulated data number values using the conversion factors in Table 1 for the appropriate gain setting and spectral band.

The polarimetry sectors for which μ and μ_0 are indicated to be -2.0 are those for which the "navigation" finds that the center of the IFOV lies off the visible disk at the time of the observation. The fact that these sectors often have intensities that are clearly non-zero is due to 1) the approximately 0.1° (about one-quarter the size of the IFOV) uncertainty in spacecraft attitude and hence in pointing knowledge, and 2) sectors near the bright limb only partially (less than half) filled and for which a contribution from scattered light may also play a role.

PIONEER VENUS OCCUPY PCLARIMETRY				MAP	5	YR=78	DOY=342		
YR=78	DOY=342	TIME=18:37:54	WAVELENGTH=550 NM	GAIN=4	10 SECTORS FOLLOW				
1694.8	0.66	1.36	0.0	0.0	-2.00000	-2.00000	0.0		
1719.9	0.87	1.79	0.0	0.0	-2.00000	-2.00000	0.0		
1697.9	0.80	5.21	0.0	0.0	-2.00000	-2.00000	0.0		
1635.2	0.66	8.78	-58.08	-135.27	0.05808	0.35760	60.48		
1537.6	0.55	11.07	-59.01	-138.60	0.07196	0.32549	60.90		
1415.7	0.43	15.65	-59.06	-142.05	0.07183	0.29939	61.55		
1275.2	0.35	29.95	-58.23	-145.54	0.05759	0.27919	62.37		
1123.0	0.34	52.19	0.0	0.0	-2.00000	-2.00000	0.0		
561.5	0.45	65.30	0.0	0.0	-2.00000	-2.00000	0.0		
798.6	0.70	71.17	0.0	0.0	-2.00000	-2.00000	0.0		
YR=78	DOY=342	TIME=18:38:29	WAVELENGTH=365 NM	GAIN=4	14 SECTORS FOLLOW				
2307.7	1.72	-2.82	0.0	0.0	-2.00000	-2.00000	0.0		
2494.8	1.63	-2.94	0.0	0.0	-2.00000	-2.00000	0.0		
2598.6	1.55	-2.66	0.0	0.0	-2.00000	-2.00000	0.0		
2616.3	1.47	-1.50	-57.98	-128.06	0.06542	0.40668	58.83		
2548.3	1.33	-1.65	-60.21	-130.82	0.09968	0.36575	58.96		
2390.3	1.23	-1.95	-61.45	-134.12	0.11730	0.33220	59.35		
2203.4	1.17	-1.43	-62.08	-137.86	0.12551	0.30273	59.97		
2014.4	1.13	0.18	-62.19	-141.66	0.12516	0.27644	60.65		
1831.0	1.05	-0.92	-61.79	-145.49	0.11936	0.25320	61.47		
1657.5	1.11	0.07	-60.79	-149.11	0.10367	0.23357	62.32		
1467.6	1.23	-0.80	-58.91	-152.31	0.07359	0.21976	63.25		
1234.3	1.26	-2.11	0.0	0.0	-2.00000	-2.00000	0.0		
995.1	1.16	-1.68	0.0	0.0	-2.00000	-2.00000	0.0		
768.1	1.12	1.63	0.0	0.0	-2.00000	-2.00000	0.0		
YR=78	DOY=342	TIME=18:39:05	WAVELENGTH=270 NM	GAIN=4	17 SECTORS FOLLOW				
217.5	6.10	83.17	0.0	0.0	-2.00000	-2.00000	0.0		
245.4	5.50	85.99	0.0	0.0	-2.00000	-2.00000	0.0		
261.8	5.52	80.43	0.0	0.0	-2.00000	-2.00000	0.0		
267.2	6.78	87.63	-58.42	-123.97	0.08069	0.42616	57.61		
260.5	7.32	87.95	-60.96	-126.40	0.11919	0.38339	57.63		
241.0	8.24	-89.46	-62.57	-129.57	0.14164	0.34782	58.04		
224.9	8.66	-89.96	-63.60	-133.20	0.15519	0.31610	58.65		
206.3	7.77	81.57	-64.18	-137.14	0.16207	0.28736	59.35		
189.4	8.04	83.29	-64.33	-141.24	0.16312	0.26098	60.12		
173.4	8.85	83.89	-64.05	-145.34	0.15848	0.23691	60.53		
157.0	9.86	-85.53	-63.33	-149.27	0.14760	0.21533	61.77		
141.0	9.50	-88.74	-62.08	-152.89	0.12890	0.19684	62.62		
129.0	9.53	-86.11	-60.07	-155.99	0.09802	0.18319	63.52		
111.2	9.55	86.44	-55.81	-157.93	0.02766	0.18557	64.65		
89.7	10.53	83.79	0.0	0.0	-2.00000	-2.00000	0.0		
64.5	11.22	-81.31	0.0	0.0	-2.00000	-2.00000	0.0		
46.5	13.05	-83.95	0.0	0.0	-2.00000	-2.00000	0.0		
YR=78	DOY=342	TIME=18:40:29	WAVELENGTH=935 NM	GAIN=4	21 SECTORS FOLLOW				
1245.4	0.27	79.22	0.0	0.0	-2.00000	-2.00000	0.0		
1546.9	0.36	78.93	0.0	0.0	-2.00000	-2.00000	0.0		
1774.6	0.67	82.76	0.0	0.0	-2.00000	-2.00000	0.0		
1918.7	0.97	82.16	-57.45	-116.44	0.08359	0.47741	55.57		
1918.2	1.35	83.05	-60.92	-117.70	0.13739	0.42769	55.23		
1803.7	1.76	82.79	-63.24	-120.04	0.17004	0.38767	55.50		
1664.5	2.26	82.69	-64.98	-123.05	0.19261	0.35221	56.03		
1522.5	2.66	83.77	-66.28	-126.73	0.20840	0.31975	56.71		
1377.4	3.05	83.98	-67.21	-130.85	0.21888	0.28958	57.49		
1237.3	3.34	83.45	-67.79	-135.33	0.22480	0.26133	58.32		
1100.3	3.67	83.88	-68.02	-140.02	0.22651	0.23480	59.16		
968.2	3.66	84.71	-67.89	-144.76	0.22410	0.20990	60.06		
845.7	4.31	84.48	-67.42	-149.36	0.21745	0.18666	60.95		
732.1	4.64	85.35	-66.57	-153.68	0.20614	0.16521	61.82		
629.7	4.78	86.12	-65.32	-157.57	0.18934	0.14584	62.66		
540.1	5.02	86.49	-63.60	-160.89	0.16539	0.12920	63.51		
466.6	5.21	87.05	-61.23	-163.50	0.13041	0.11681	64.32		
392.6	5.94	85.66	-57.40	-164.96	0.06932	0.11470	65.18		
285.7	6.27	87.62	0.0	0.0	-2.00000	-2.00000	0.0		
180.9	6.17	86.71	0.0	0.0	-2.00000	-2.00000	0.0		
99.4	5.83	88.42	0.0	0.0	-2.00000	-2.00000	0.0		
YR=78	DOY=342	TIME=18:41:05	WAVELENGTH=550 NM	GAIN=4	23 SECTORS FOLLOW				
1194.2	1.20	-1.68	0.0	0.0	-2.00000	-2.00000	0.0		
1613.5	1.36	-1.37	0.0	0.0	-2.00000	-2.00000	0.0		
1944.0	1.40	-2.59	0.0	0.0	-2.00000	-2.00000	0.0		
2178.7	1.36	-2.88	-54.73	-114.39	0.04537	0.52096	55.57		
2248.7	1.37	-2.09	-59.68	-114.31	0.12661	0.45857	54.39		
2146.0	1.26	-1.39	-62.50	-115.97	0.16776	0.41468	54.46		
1987.7	1.15	0.44	-64.61	-118.48	0.19595	0.37672	54.89		
1820.6	1.01	0.77	-66.25	-121.67	0.21632	0.34229	55.52		
1652.3	0.88	5.42	-67.52	-125.46	0.23093	0.31040	56.27		
1497.0	0.67	8.10	-68.45	-129.76	0.24084	0.28052	57.09		
1327.3	0.46	17.35	-69.05	-134.46	0.24662	0.25237	57.96		
1173.3	0.42	27.78	-69.31	-139.41	0.24855	0.22578	58.86		
1026.2	0.46	51.74	-69.23	-144.43	0.24672	0.20068	59.77		
886.1	0.68	66.30	-68.81	-149.33	0.24105	0.17707	60.66		
758.3	0.97	68.62	-68.04	-153.93	0.23125	0.15502	61.57		
643.1	1.13	76.23	-66.91	-158.10	0.21677	0.13474	62.44		
540.3	1.56	79.04	-65.39	-161.70	0.19657	0.11659	63.28		
450.1	1.93	80.13	-63.38	-164.65	0.16863	0.10138	64.06		
381.1	1.94	78.59	-60.65	-166.77	0.12795	0.09103	64.86		
310.6	1.56	82.13	-55.86	-167.34	0.04949	0.09557	65.69		
204.0	2.15	81.66	0.0	0.0	-2.00000	-2.00000	0.0		
113.6	2.45	84.16	0.0	0.0	-2.00000	-2.00000	0.0		
51.9	5.63	-88.01	0.0	0.0	-2.00000	-2.00000	0.0		
YR=78	DOY=342	TIME=18:41:41	WAVELENGTH=365 NM	GAIN=4	23 SECTORS FOLLOW				
1895.8	1.93	-4.16	0.0	0.0	-2.00000	-2.00000	0.0		
2484.5	1.87	-3.20	0.0	0.0	-2.00000	-2.00000	0.0		
2941.3	1.77	-3.40	0.0	0.0	-2.00000	-2.00000	0.0		
3191.5	1.74	-3.04	-57.75	-111.66	0.10391	0.49489	53.84		
3136.2	1.54	-2.78	-61.27	-112.44	0.15811	0.44497	53.53		
2926.3	1.33	-1.51	-63.79	-114.29	0.19323	0.40387	53.81		
2700.2	1.06	0.47	-65.78	-116.91	0.21866	0.36721	54.36		
2474.1	0.83	0.96	-67.38	-120.21	0.23783	0.33349	55.06		
2250.5	0.62	4.46	-68.64	-124.14	0.25132	0.30200	55.86		
2031.4	0.48	6.28	-69.58	-128.62	0.26083	0.27233	56.73		
1811.4	0.42	10.42	-70.20	-133.54	0.26653	0.24424	57.63		
1595.4	0.30	15.83	-70.49	-138.75	0.26866	0.21760	58.56		
1387.4	0.25	29.85	-70.45	-144.05	0.26730	0.19233	59.50		
1186.9	0.25	36.03	-70.08	-149.25	0.26240	0.16843	60.44		
1002.9	0.16	43.62	-69.38	-154.15	0.25375	0.14593	61.35		
837.5	0.22	77.10	-68.77	-158.62	0.24000	0.12000	62.26		

Table 1. Absolute Intensity Conversion Factors for Photopolarimetry
in $\text{W cm}^{-2} \text{ sr}^{-1} \text{ nm}^{-1}$ per DN

Gain	Spectral Band			
	935 nm	550 nm	365 nm	270 nm
0	5.31×10^{-8}	1.14×10^{-7}	4.19×10^{-8}	3.78×10^{-8}
1	3.93×10^{-8}	8.46×10^{-8}	3.10×10^{-8}	2.80×10^{-8}
2	2.66×10^{-8}	5.71×10^{-8}	2.09×10^{-8}	1.89×10^{-8}
3	1.96×10^{-8}	4.22×10^{-8}	1.55×10^{-8}	1.40×10^{-8}
4	1.32×10^{-8}	2.84×10^{-8}	1.04×10^{-8}	9.40×10^{-9}
5	9.76×10^{-9}	2.10×10^{-8}	7.69×10^{-9}	6.95×10^{-9}
6	6.59×10^{-9}	1.42×10^{-8}	5.19×10^{-9}	4.69×10^{-9}

Instrument Calibration

Radiometric. Pre-flight radiometric calibration of the OCPP was performed using a tungsten-filament, reference lamp illuminating a standard barium sulfate coated diffuser target observed by the OCPP. Two different reference lamps (an EV-4 and an Optronics 323) were employed, and the calibration was performed before and after spacecraft/instrument integration and system tests, an approximately six month interval. Although the procedure should in principle permit absolute radiometric calibration to within 4 percent for the 365, 550 and 935 nm spectral bands, a more appropriately conservative estimate based upon the self-consistency of the tests suggests that the pre-flight calibration was accurate to within 10 percent. The low output of the reference lamp at 270 nm reduces the confidence in the pre-flight calibration for that spectral band such that an absolute accuracy of 20 percent is a more appropriate estimate.

As mentioned in the instrument description, the OCPP has two methods of inflight radiometric calibration, the internal reference calibrator lamp and the solar diffuser. The flux from the calibrator lamp is spectrally filtered (700 nm) and directed in turn onto each of the two angled scattering surfaces on the back of the filter/retarder wheel. This therefore provides a check on the temporal stability (at 700 nm) of the aft optics (the scattering surfaces, two relay lenses per channel and the Wollaston prism) and the two silicon photodiode detectors. The calibrator lamp intensity readings have remained within 1 percent of the pre-flight values throughout the mission. In contrast, solar diffuser measurements performed during the mission have exhibited substantial variation. The general trend has been a decrease in solar diffuser intensity with time, although increases in brightness have been noted on several occasions (not sufficient, however, to return the brightness to the

levels obtained shortly after Venus orbit insertion). The magnitude of the drop in intensity is greatest for the 270 nm band, decreasing in size in order of increasing wavelength for the other spectral bands. The maximum decreases noted to date are 18 percent for 935 nm, 19.8 percent for 550 nm, 32 percent for 365 nm and 67 percent for 270 nm. Although the stability of the calibration lamp observations is established only at 700 nm, it is not very plausible that the aft optics can be responsible for the change in the solar diffuser observations. Essentially the same decrease in solar diffuser intensity is observed for the 365 nm polarimetry band and the imaging channel; the latter has a filter with the same effective wavelength but a wider bandpass, a different detector and of course no half-wave retarder plate. It therefore seems unlikely that the filters or retarders can be blamed for the effect. While we cannot rule out some effect on the telescope optics, we find no long term change in the brightness of Venus by an amount comparable to that observed for the solar diffuser. Nevertheless, we have no satisfactory explanation for a physical change in the solar diffuser; consequently, any use of absolute intensities (obtained with the factors in Table 1) should involve caution in interpretation.

Polarimetric. Pre-flight polarimetric calibration of the OCPP was performed primarily with a specially designed optical calibrator. The calibrator employed a 150-watt xenon-arc lamp which illuminated (through a 1-inch entrance port) the interior of a 6-inch diameter spherical integrator lined with barium sulfate paint. The OCPP viewed the interior of the sphere through a 1.6-inch exit port. Neutral density filters on a wheel in front of the entrance port and various polarizers on a wheel in front of the exit port allowed a range of radiance levels and polarization. With the open position selected for the polarizer wheel, the calibrator provided a beam that was less than 0.1 percent polarized.

Instrumental polarization of the OCPP was determined by viewing the optical calibrator with the polarizer wheel open position selected. By repeating the observation with the OCPP rotated by 90° relative to the orientation used for the first, we find instrumental polarization appearing as any residual polarization whose direction appears unchanged by the instrument rotation. In this manner we found that the instrumental polarization is 0.47 percent for 270 nm, 0.15 for 365 nm, 0.09 for 550 nm and 0.30 for 935 nm. Corrections corresponding to these instrumental polarizations are made in Q and U given by Eqs. (5) and (6), proportional to the intensity I for each observation.

Pre-flight calibration tests using polarized beams indicated that the absolute accuracy of the measured polarization degree is of the order of 2 percent for a source that is 100 percent polarized. For the more typically observed situation of a source with 15 percent or less polarization, the absolute accuracy is approximately 0.1 or 0.2 percent for 365, 550 and 935 nm and 0.4 percent for the 270 nm band, the latter being limited by signal-to-noise. A more conservative estimate of 0.4 percent absolute accuracy for the three longer wavelength bands is perhaps appropriate for actual observations because of contributions by scattered light, for which corrections are difficult to specify. Relative polarization degree accuracy is, however, easily as good as 0.2 percent and is probably closer to 0.1 percent. Both absolute and relative accuracy for the actual 270 nm observations is limited to about 1 percent by the low signal-to-noise. For the three longer wavelength bands, the normal Venus radiance levels observed are such that the digitization error is the largest (and usually insignificant) effect.

Imaging MTF. Modulation transfer function (MTF) tests were performed prior to and following vibration tests of the OCPP instrument. In the test configuration

the OCPP observed the beam from a 50-inch collimator intercepted by a reticle wheel with a series of square-bar patterns. Table 2 lists the pre- and post-vibration modulation values (determined from oscilloscope trace photographs) as a function of bar width at the radius projected onto the instrument focal plane.

Table 2. Measured Square-bar Modulation for OCPP Imaging

Bar Width (inch)	Spatial Frequency (cycle/rad)	Measured Square-bar Modulation	
		Pre-vibration	Post-vibration
.085	294	0.99	0.99
.055	455	0.99	0.99
.0433	577	0.99	0.99
.0289	865	0.83	0.84
.0218	1147	0.58	0.58
.0146	1712	0.16	0.18

Spectral responsivity. The OCPP system spectral response over each of the photopolarimetry bands and the imaging band was measured using a Cary 14 Spectrometer and a calibrated silicon photodiode. Estimates of the contribution from the integrated out-of-band response for a source approximating the Venus spectrum were obtained using the xenon-source optical calibrator and Schott leak filters WG-345, GG-420 and RG-665. The resulting spectral characteristics are tabulated in Table 3.

Table 3. OCPP Imaging and Photopolarimetry Band Spectral Characteristics

Band (nm)	Central Wavelength(nm)	Half-Maximum Intensity Wavelengths(nm)	0.1-Maximum Intensity Wavelengths(nm)	Integrated Out-of-band Response(%)
935	937.5	929.5, 945.5	925, 949.5	—
550	547	541, 553.5	538, 559.5	0.1
365	366	354, 379	345.5, 385	1.3
270	271	257, 286	250, 297	2
Imaging	350	315, 377	288, 387	6

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APPENDIX A

IMAGE	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
0001	0001	5 DEC 1978	339	23:06:45	116.7	59817.4	-28.0	31.0	-0.8	-90.1
0006	0003	7 DEC 1978	341	20:08:29	114.2	52098.2	-35.4	34.0	-1.0	-87.1
0007	0003	8 DEC 1978	342	00:20:04	113.6	65410.0	-23.3	29.5	-1.0	-86.8
0011	0005	9 DEC 1978	343	17:59:16	111.4	36760.2	-46.6	39.5	-1.2	-84.0
0012	0005	9 DEC 1978	343	22:30:49	111.2	60393.4	-29.0	31.4	-1.2	-83.7
0015	0006	10 DEC 1978	344	11:58:44	102.3	35045.0	11.7	19.5	-1.2	-82.8
0017	0007	11 DEC 1978	345	21:26:24	108.5	55553.9	-32.8	32.6	-1.3	-80.5
0026	0012	17 DEC 1978	351	02:27:36	99.6	66324.3	-21.7	29.0	-1.8	-72.1
0029	0014	18 DEC 1978	352	11:50:29	91.6	44575.6	4.1	21.7	-1.9	-69.8
0031	0016	20 DEC 1978	354	11:50:43	88.7	46416.9	2.7	22.1	-2.1	-66.6
0032	0016	20 DEC 1978	354	23:11:24	95.9	57303.4	-31.6	32.4	-2.1	-65.8
0036	0019	23 DEC 1978	357	11:59:53	84.2	48000.2	1.6	22.4	-2.3	-61.7
0037	0020	24 DEC 1978	358	12:09:10	82.5	47852.6	1.7	22.4	-2.3	-60.1
0038	0020	25 DEC 1978	359	02:13:27	88.2	64328.0	-25.0	30.0	-2.4	-59.1
0040	0021	25 DEC 1978	359	12:19:50	80.9	47641.4	1.8	22.3	-2.4	-58.4
0041	0022	26 DEC 1978	360	12:29:34	79.2	47506.5	1.9	22.3	-2.5	-56.8
0043	0024	28 DEC 1978	362	12:36:21	76.1	48368.6	1.3	22.5	-2.6	-53.5
0044	0025	29 DEC 1978	363	13:25:56	73.8	44233.3	4.3	21.7	-2.7	-51.9
0045	0026	30 DEC 1978	364	13:35:00	72.1	44001.3	4.5	21.6	-2.7	-50.2
0048	0029	2 JAN 1979	002	13:20:22	67.9	47985.5	1.5	22.4	-2.9	-45.4
0053	0031	4 JAN 1979	004	13:15:22	64.9	49656.0	0.3	22.7	-3.0	-42.1
0054	0031	4 JAN 1979	004	23:31:41	77.1	49721.6	-37.1	34.7	-3.0	-41.4
0065	0034	7 JAN 1979	007	13:32:24	59.9	49235.1	0.6	22.6	-3.1	-37.2
0069	0035	8 JAN 1979	008	13:37:09	58.3	49354.1	0.5	22.6	-3.2	-35.6
0078	0037	10 JAN 1979	010	13:47:55	55.0	49357.2	0.5	22.6	-3.2	-32.3
0083	0038	11 JAN 1979	011	13:56:50	53.3	48972.3	0.7	22.5	-3.2	-30.7
0088	0039	12 JAN 1979	012	14:01:51	51.7	48893.1	0.8	22.5	-3.3	-29.1
0092	0040	13 JAN 1979	013	09:35:10	54.2	64655.4	-12.6	26.3	-3.3	-27.7
0093	0040	13 JAN 1979	013	14:06:51	50.1	48855.5	0.8	22.5	-3.3	-27.4
0094	0040	14 JAN 1979	014	05:46:21	56.8	66195.3	-21.6	29.0	-3.3	-26.4
0097	0043	17 JAN 1979	017	05:59:42	52.3	66184.1	-21.6	29.0	-3.4	-21.5
0098	0044	18 JAN 1979	018	06:01:30	50.9	66142.9	-21.7	29.1	-3.4	-19.9
0102	0046	19 JAN 1979	019	09:59:00	44.7	64639.6	-12.6	26.3	-3.4	-18.0
0105	0046	20 JAN 1979	020	05:30:45	40.8	65404.2	-23.1	29.6	-3.4	-16.6
0106	0047	20 JAN 1979	020	14:54:39	38.4	46902.3	2.2	22.0	-3.4	-16.0
0109	0047	21 JAN 1979	021	05:34:01	47.4	65416.8	-23.1	29.6	-3.4	-15.0
0110	0048	21 JAN 1979	021	14:57:49	36.0	46933.6	2.2	22.0	-3.4	-14.4
0113	0048	22 JAN 1979	022	05:36:43	46.0	65373.8	-23.2	29.6	-3.4	-13.4
0114	0049	22 JAN 1979	022	15:01:01	35.2	46095.1	2.3	22.0	-3.4	-12.8
0117	0049	23 JAN 1979	023	05:39:32	44.6	65361.2	-23.2	29.6	-3.4	-11.8
0118	0050	23 JAN 1979	023	15:04:00	33.6	46925.6	2.2	22.0	-3.4	-11.1
0121	0050	24 JAN 1979	024	05:42:38	43.2	65341.3	-23.2	29.6	-3.4	-10.1
0122	0051	24 JAN 1979	024	15:10:54	31.9	46606.3	2.5	21.9	-3.4	-9.5
0125	0051	25 JAN 1979	025	05:56:05	41.5	65570.1	-22.7	29.5	-3.4	-8.5
0130	0053	26 JAN 1979	026	15:15:00	28.7	46639.3	2.4	21.9	-3.4	-6.2
0132	0053	27 JAN 1979	027	03:05:30	44.5	50774.4	-30.1	32.2	-3.4	-5.5
0133	0054	27 JAN 1979	027	12:46:12	29.2	50452.3	-6.4	24.4	-3.4	-4.8
0138	0055	28 JAN 1979	028	12:47:45	27.7	50527.2	-6.4	24.4	-3.3	-3.2
0143	0055	29 JAN 1979	029	03:10:06	42.1	50764.3	-30.1	32.2	-3.3	-2.2
0144	0056	29 JAN 1979	029	12:49:42	26.0	50541.8	-6.4	24.4	-3.3	-1.6
0150	0057	30 JAN 1979	030	12:51:29	24.4	50557.0	-6.4	24.4	-3.3	0.1
0155	0057	31 JAN 1979	031	03:14:44	39.9	50699.1	-30.2	32.2	-3.3	1.0
0156	0058	31 JAN 1979	031	12:52:17	22.9	50620.0	-6.5	24.4	-3.3	1.7
0161	0058	1 FEB 1979	032	03:29:36	38.2	59434.0	-29.5	32.0	-3.3	2.7
0162	0059	1 FEB 1979	032	12:50:00	21.2	50359.2	-6.3	24.3	-3.2	3.3

APPENDIX A

IMAGE	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
#167	#059	2 FEB 1979	#33	#2:44:39	39.1	56667.5	-31.7	32.8	-3.2	4.2
#168	#060	2 FEB 1979	#33	12:29:15	28.2	60802.9	-7.7	24.7	-3.2	4.9
#170	#061	3 FEB 1979	#34	#9:31:14	23.6	65993.8	-15.1	27.8	-3.2	6.3
#173	#062	5 FEB 1979	#36	#4:23:48	31.9	61884.6	-27.2	31.1	-3.1	9.2
#174	#063	5 FEB 1979	#36	#9:38:08	21.8	66026.7	-15.2	27.8	-3.1	9.5
#175	#063	5 FEB 1979	#36	14:25:23	13.2	52542.1	-1.8	23.8	-3.1	9.9
#178	#064	6 FEB 1979	#37	#9:38:57	19.8	66032.4	-15.2	27.8	-3.1	11.2
#181	#065	8 FEB 1979	#39	#4:28:55	29.5	61637.8	-27.5	31.2	-3.8	14.8
#182	#066	8 FEB 1979	#39	#9:28:16	17.7	66064.4	-15.5	27.1	-3.8	14.4
#183	#066	8 FEB 1979	#39	14:25:34	8.4	52649.3	-2.2	23.1	-3.8	14.7
#185	#066	9 FEB 1979	#40	#4:28:28	28.8	61646.1	-27.6	31.3	-3.8	15.7
#186	#067	9 FEB 1979	#40	#9:26:22	16.7	66083.8	-15.5	27.1	-2.9	16.8
#187	#067	9 FEB 1979	#40	14:24:27	6.8	52698.4	-2.8	23.8	-2.9	16.3
#190	#068	10 FEB 1979	#41	#9:25:36	15.5	66081.9	-15.3	27.1	-2.9	17.6
#191	#068	10 FEB 1979	#41	14:23:06	5.2	52745.8	-1.9	23.8	-2.9	17.9
#193	#068	11 FEB 1979	#42	#3:45:29	28.7	59991.6	-28.8	31.7	-2.9	18.8
#194	#069	11 FEB 1979	#42	#8:44:23	16.3	66505.2	-16.9	27.6	-2.8	19.2
#195	#069	12 FEB 1979	#43	#3:43:57	28.2	59895.8	-28.9	31.8	-2.8	20.5
#196	#070	12 FEB 1979	#43	#8:43:48	15.6	66504.9	-16.9	27.6	-2.8	20.8
#197	#070	13 FEB 1979	#44	#3:42:49	27.7	59854.4	-28.9	31.8	-2.7	22.1
#198	#071	13 FEB 1979	#44	#8:41:14	15.1	66511.5	-16.9	27.6	-2.7	22.4
#201	#072	15 FEB 1979	#46	#3:33:17	27.3	59429.2	-29.2	31.9	-2.6	25.3
#202	#073	15 FEB 1979	#46	#8:38:18	14.8	66547.7	-17.3	27.7	-2.6	25.6
#204	#074	16 FEB 1979	#47	#9:08:27	13.2	66218.3	-15.7	27.2	-2.6	27.3
#205	#074	16 FEB 1979	#47	14:09:51	4.5	53478.3	-2.3	23.1	-2.5	27.6
#207	#074	17 FEB 1979	#48	#4:28:48	24.6	61852.4	-26.9	31.8	-2.5	28.5
#208	#075	17 FEB 1979	#48	#9:28:33	12.5	65914.3	-14.9	26.9	-2.5	28.9
#209	#075	17 FEB 1979	#48	14:24:40	6.5	52161.1	-1.3	22.8	-2.5	29.2
#211	#075	18 FEB 1979	#49	#4:17:56	24.5	61787.1	-27.8	31.1	-2.4	30.1
#212	#076	18 FEB 1979	#49	#9:26:28	12.9	65928.6	-14.9	26.9	-2.4	30.5
#213	#076	18 FEB 1979	#49	14:21:57	8.8	52269.7	-1.4	22.9	-2.4	30.8
#216	#077	19 FEB 1979	#50	#9:23:18	13.5	66938.7	-14.9	26.9	-2.4	32.1
#217	#077	19 FEB 1979	#50	14:18:36	9.6	52487.5	-1.5	22.9	-2.3	32.4
#219	#077	20 FEB 1979	#51	#4:12:54	24.8	61686.9	-27.1	31.1	-2.3	33.3
#220	#078	20 FEB 1979	#51	#9:19:56	14.3	65967.4	-15.8	27.8	-2.3	33.7
#221	#078	20 FEB 1979	#51	14:15:47	11.1	52488.3	-1.5	22.9	-2.3	34.8
#223	#078	21 FEB 1979	#52	#4:09:45	25.1	61623.9	-27.8	31.1	-2.2	34.9
#225	#079	21 FEB 1979	#52	14:06:02	12.6	53055.9	-1.8	23.8	-2.2	35.6
#228	#080	22 FEB 1979	#53	#8:23:01	17.3	66489.5	-16.9	27.6	-2.2	36.8
#230	#081	23 FEB 1979	#54	#8:28:23	18.3	66486.8	-17.8	27.6	-2.1	38.4
#232	#082	24 FEB 1979	#55	#8:16:38	19.3	66498.7	-17.8	27.6	-2.8	40.8
#234	#082	25 FEB 1979	#56	#3:14:48	28.6	59343.6	-29.1	31.8	-1.9	41.3
#235	#083	25 FEB 1979	#56	#8:11:01	20.5	66498.2	-17.1	27.6	-1.9	41.6
#237	#084	26 FEB 1979	#57	#8:06:39	21.6	66504.8	-17.2	27.7	-1.8	43.2
#240	#085	28 FEB 1979	#59	#6:01:35	26.1	65635.5	-21.7	29.2	-1.7	46.3
#248	#086	1 MAR 1979	#60	#5:57:08	27.1	65616.8	-21.7	29.2	-1.6	47.9
#249	#087	1 MAR 1979	#60	11:02:03	24.1	62478.1	-9.8	25.4	-1.6	48.2
#256	#087	2 MAR 1979	#61	#5:35:05	28.6	65233.8	-22.4	29.4	-1.5	49.4
#257	#088	2 MAR 1979	#61	10:57:09	25.6	62543.1	-9.8	25.4	-1.5	49.8
#264	#088	3 MAR 1979	#62	#6:14:25	29.1	66888.8	-28.8	28.8	-1.4	51.1
#265	#089	3 MAR 1979	#62	11:18:13	27.2	61588.8	-8.7	25.1	-1.4	51.4
#272	#089	4 MAR 1979	#63	#6:08:48	30.3	65957.1	-28.9	28.9	-1.4	52.7
#273	#090	4 MAR 1979	#63	11:12:43	28.8	61621.8	-8.8	25.1	-1.3	53.8
#278	#090	5 MAR 1979	#64	#6:02:38	31.6	65918.5	-28.9	28.9	-1.3	54.3
#279	#091	5 MAR 1979	#64	11:06:26	30.3	61726.6	-8.9	25.1	-1.2	54.6

IMAGE	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
#284	#891	6 MAR 1979	#65	#5:56:39	32.9	65872.4	-21.8	28.9	-1.2	55.9
#298	#892	7 MAR 1979	#66	#5:58:53	34.3	65838.2	-21.1	29.8	-1.1	57.4
#291	#893	7 MAR 1979	#66	18:53:14	33.4	62882.2	-9.2	25.2	-1.1	57.8
#296	#893	8 MAR 1979	#67	#5:44:23	35.6	65797.9	-21.2	29.8	-1.8	59.8
#297	#894	8 MAR 1979	#67	18:47:51	34.9	62882.6	-9.3	25.3	-1.8	59.4
#383	#895	9 MAR 1979	#68	18:41:88	36.5	61844.5	-9.8	25.2	-8.9	61.8
#384	#896	18 MAR 1979	#69	14:38:45	41.6	45332.6	3.9	21.5	-8.8	62.8
#389	#898	12 MAR 1979	#71	14:47:54	45.2	43686.8	5.2	21.1	-8.6	66.8
#318	#899	13 MAR 1979	#72	14:21:42	46.1	45943.6	3.5	21.6	-8.5	67.6
#313	#183	17 MAR 1979	#76	89:52:13	48.7	64278.4	-11.4	25.9	-8.2	73.6
#315	#184	18 MAR 1979	#77	14:12:85	53.2	49158.8	1.4	22.3	8.8	75.5
#316	#186	28 MAR 1979	#79	89:53:33	53.3	64668.8	-11.9	26.1	8.1	78.4
#317	#186	28 MAR 1979	#79	14:16:22	56.2	49638.4	1.8	22.4	8.1	78.7
#318	#187	21 MAR 1979	#88	89:54:38	54.8	64767.7	-12.8	26.1	8.2	88.8
#319	#188	22 MAR 1979	#81	14:29:31	59.5	49257.2	1.3	22.4	8.3	81.9
#328	#189	23 MAR 1979	#82	18:39:51	58.2	63641.2	-18.6	25.7	8.4	83.2
#321	#118	24 MAR 1979	#83	18:39:38	59.7	63787.2	-18.7	25.8	8.5	84.8
#322	#118	24 MAR 1979	#83	14:58:37	62.9	48144.5	2.1	22.2	8.5	85.8
#326	#114	28 MAR 1979	#87	15:19:47	69.4	47854.2	2.9	22.8	8.9	91.4
#328	#115	29 MAR 1979	#88	15:22:55	78.9	47226.6	2.8	22.1	1.8	93.8
#338	#118	1 APR 1979	#91	15:15:25	75.3	49128.4	1.4	22.5	1.3	97.7
#332	#122	5 APR 1979	#95	15:52:25	81.9	47256.6	2.8	22.1	1.6	184.1
#333	#123	6 APR 1979	#96	15:54:55	83.4	47468.8	2.6	22.2	1.7	185.7
#334	#124	7 APR 1979	#97	15:56:28	85.8	47659.2	2.4	22.2	1.8	187.3
#335	#125	8 APR 1979	#98	15:59:18	86.5	47789.3	2.3	22.3	1.8	188.9
#336	#127	18 APR 1979	188	16:16:88	89.8	46884.9	3.8	22.1	2.8	112.8
#337	#128	11 APR 1979	181	16:19:45	91.4	46986.6	2.9	22.1	2.1	113.6
#338	#131	14 APR 1979	184	16:26:36	96.8	47411.6	2.6	22.2	2.3	118.4
#339	#132	15 APR 1979	185	16:29:48	97.6	47463.4	2.5	22.2	2.4	128.8
#348	#134	17 APR 1979	187	16:34:16	188.7	47641.3	2.4	22.3	2.5	123.1
#341	#136	19 APR 1979	189	16:48:82	183.9	47648.8	2.3	22.3	2.6	126.3
#342	#139	22 APR 1979	112	16:46:38	188.6	47829.2	2.2	22.3	2.8	131.8
#344	#143	26 APR 1979	116	17:11:85	115.2	46238.1	3.3	22.8	3.8	137.4
#348	#175	29 MAY 1979	149	86:48:88	153.1	65487.6	-21.6	29.2	3.1	-178.9
#358	#223	15 JUL 1979	196	17:28:59	117.8	48236.5	2.6	22.1	-8.5	-94.9

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
0005	NSSD01	1	255	129	0004	8 DEC 1978	342	20:10:05	112.9	51435.4	-35.8	34.1	-1.1	-85.5
0009	NSSD01	2	188	160	0006	10 DEC 1978	344	17:48:42	110.2	34092.8	-48.8	40.8	-1.2	-82.4
0010	NSSD01	3	282	133	0006	10 DEC 1978	344	21:58:47	109.9	58139.1	-30.8	32.1	-1.3	-82.1
0011	NSSD01	4	312	129	0007	11 DEC 1978	345	03:37:19	108.0	66806.6	-17.0	27.5	-1.3	-81.7
0012	NSSD01	5	173	120	0007	11 DEC 1978	345	12:17:20	100.3	33494.0	13.0	19.2	-1.3	-81.1
0014	NSSD01	6	285	141	0008	12 DEC 1978	346	22:18:24	107.1	58418.0	-30.6	32.0	-1.4	-78.8
0015	NSSD01	7	309	134	0009	13 DEC 1978	347	04:01:05	104.8	66739.6	-16.7	27.4	-1.5	-78.5
0016	NSSD01	8	172	128	0009	13 DEC 1978	347	12:36:43	97.1	32936.4	13.5	19.1	-1.5	-77.9
0020	NSSD01	9	167	130	0010	14 DEC 1978	348	12:49:57	95.4	32421.9	14.0	19.0	-1.6	-76.2
0021	NSSD01	10	192	174	0010	14 DEC 1978	348	18:31:13	105.8	35594.3	-47.5	39.9	-1.6	-75.9
0022	NSSD01	11	283	146	0010	14 DEC 1978	348	22:47:01	104.1	59147.8	-30.0	31.8	-1.6	-75.6
0026	NSSD01	12	285	149	0011	15 DEC 1978	349	23:05:42	102.6	59618.5	-29.7	31.7	-1.7	-73.9
0036	NSSD01	13	319	210	0030	4 JAN 1979	004	06:02:31	70.9	66865.4	-19.2	28.2	-3.0	-42.6
0038	NSSD01	14	314	214	0032	6 JAN 1979	006	06:16:13	67.8	66823.2	-19.0	28.2	-3.1	-39.3
0039	NSSD02	1	318	219	0033	7 JAN 1979	007	06:22:06	66.2	66824.5	-19.0	28.2	-3.1	-37.7
0041	NSSD02	2	317	224	0035	9 JAN 1979	009	06:32:48	63.1	66817.3	-19.0	28.2	-3.2	-34.4
0042	NSSD02	3	197	272	0040	13 JAN 1979	013	22:10:29	72.1	35957.1	-47.2	40.2	-3.3	-26.9
0056	NSSD02	4	166	209	0043	16 JAN 1979	016	16:19:00	44.2	35189.5	11.3	19.5	-3.4	-22.4
0060	NSSD02	5	267	230	0044	17 JAN 1979	017	12:38:16	45.1	56996.4	-5.2	24.1	-3.4	-21.0
0061	NSSD02	6	178	230	0044	17 JAN 1979	017	16:22:34	42.6	35253.5	11.2	19.5	-3.4	-20.8
0062	NSSD02	7	196	282	0044	17 JAN 1979	017	22:27:14	67.9	35914.4	-47.1	40.3	-3.4	-20.4
0065	NSSD02	8	272	236	0045	18 JAN 1979	018	12:43:33	43.4	56933.5	-5.2	24.1	-3.4	-19.4
0066	NSSD02	9	177	229	0045	18 JAN 1979	018	16:25:50	41.1	35425.7	11.1	19.5	-3.4	-19.2
0067	NSSD02	10	231	236	0046	19 JAN 1979	019	14:51:53	40.0	46841.2	2.3	22.0	-3.4	-17.6
0069	NSSD02	11	301	247	0048	21 JAN 1979	021	10:41:21	40.9	63501.9	-11.2	25.8	-3.4	-14.7
0071	NSSD02	12	293	244	0050	23 JAN 1979	023	10:46:50	37.8	63568.6	-11.3	25.9	-3.4	-11.4
0073	NSSD02	13	282	244	0052	25 JAN 1979	025	11:00:37	34.4	63272.0	-10.9	25.7	-3.4	-8.2
0074	NSSD02	14	292	249	0053	26 JAN 1979	026	11:03:29	32.9	63238.2	-10.9	25.7	-3.4	-6.5
0082	NSSD03	1	310	268	0059	2 FEB 1979	033	07:29:07	28.6	66564.1	-19.7	28.5	-3.2	4.6
0083	NSSD03	2	180	306	0060	2 FEB 1979	033	23:03:23	53.9	34925.8	-47.6	41.1	-3.2	5.6
0084	NSSD03	3	258	268	0060	3 FEB 1979	034	02:45:50	38.1	56683.9	-31.6	32.8	-3.2	5.9
0085	NSSD03	4	243	243	0061	3 FEB 1979	034	13:59:34	16.8	54411.9	-3.2	23.4	-3.2	6.6
0088	NSSD03	5	267	279	0061	4 FEB 1979	035	02:46:04	37.2	56678.8	-31.6	32.8	-3.2	7.5
0089	NSSD03	6	262	259	0062	4 FEB 1979	035	13:59:49	15.2	54486.8	-3.2	23.4	-3.1	8.2
0093	NSSD03	7	265	281	0063	6 FEB 1979	037	02:46:57	35.4	56576.5	-31.7	32.9	-3.1	10.7
0094	NSSD03	8	257	256	0064	6 FEB 1979	037	14:00:05	11.9	54502.4	-3.2	23.4	-3.1	11.5
0097	NSSD03	9	260	279	0064	7 FEB 1979	038	02:47:07	34.6	56576.3	-31.7	32.9	-3.0	12.3
0104	NSSD03	10	264	259	0069	11 FEB 1979	042	13:55:31	4.0	54807.3	-3.4	23.5	-2.8	19.5
0110	NSSD03	11	263	259	0071	13 FEB 1979	044	13:52:08	1.1	54973.6	-3.5	23.5	-2.7	22.7
0116	NSSD03	12	261	259	0073	15 FEB 1979	046	13:43:56	2.7	55478.5	-3.9	23.6	-2.6	25.9
0124	NSSD03	13	160	313	0079	21 FEB 1979	052	22:46:54	46.1	33826.2	-48.0	41.6	-2.2	36.2
0126	NSSD03	14	243	232	0080	22 FEB 1979	053	13:33:00	13.7	55344.6	-3.6	23.5	-2.1	37.2
0127	NSSD04	1	173	252	0080	22 FEB 1979	053	17:05:49	24.0	33623.7	13.0	18.6	-2.1	37.4
0128	NSSD04	2	159	308	0080	22 FEB 1979	053	22:45:28	46.0	34025.7	-48.0	41.5	-2.1	37.8
0129	NSSD04	3	257	286	0080	23 FEB 1979	054	02:20:14	30.2	55754.2	-32.0	33.0	-2.1	38.0
0132	NSSD04	4	154	300	0081	23 FEB 1979	054	22:42:48	46.0	33973.1	-48.0	41.5	-2.0	39.4
0134	NSSD04	5	264	255	0082	24 FEB 1979	055	13:30:12	16.9	55183.9	-3.5	23.5	-2.0	40.4
0136	NSSD04	6	266	257	0083	25 FEB 1979	056	13:25:03	18.5	55375.1	-3.6	23.5	-1.9	42.0
0138	NSSD04	7	154	300	0083	25 FEB 1979	056	22:37:17	46.2	33968.3	-48.0	41.5	-1.9	42.6
0139	NSSD04	8	256	284	0083	26 FEB 1979	057	02:09:57	31.6	55503.6	-32.1	33.1	-1.9	42.8
0140	NSSD04	9	265	254	0084	26 FEB 1979	057	13:21:27	20.1	55444.8	-3.7	23.6	-1.8	43.6
0143	NSSD04	10	254	281	0084	27 FEB 1979	058	02:04:11	32.3	55332.9	-32.2	33.1	-1.8	44.4
0144	NSSD04	11	263	253	0085	27 FEB 1979	058	13:16:36	21.6	55593.1	-3.8	23.6	-1.7	45.2
0147	NSSD04	12	199	283	0086	28 FEB 1979	059	23:56:54	39.4	44747.7	-39.8	36.5	-1.6	47.5
0149	NSSD04	13	204	289	0087	1 MAR 1979	060	23:53:40	39.8	44819.0	-39.7	36.5	-1.5	49.1

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK	CENTER	TIME	PHASE	SPACECRAFT	SUBSPACECRAFT	SUBSOLAR		
						DATE	DOY	S/C UT	ANGLE	ALTITUDE(KM)	LAT	LOX	LAT	LOX
0153	NSSD04	14	205	285	0089	3 MAR 1979	062	23:56:11	40.4	45800.8	-39.0	36.1	-1.4	52.3
0155	NSSD05	1	212	293	0090	4 MAR 1979	063	23:52:39	41.1	45762.9	-39.0	36.1	-1.3	53.9
0157	NSSD05	2	210	291	0091	5 MAR 1979	064	23:46:07	41.9	45501.3	-39.2	36.2	-1.2	55.4
0161	NSSD05	3	206	284	0093	7 MAR 1979	066	23:37:20	43.4	45288.3	-39.4	36.2	-1.0	58.6
0163	NSSD05	4	200	280	0094	8 MAR 1979	067	23:24:48	44.6	44323.1	-40.0	36.5	-0.9	60.2
0165	NSSD05	5	299	265	0094	9 MAR 1979	068	04:47:04	37.4	64653.1	-23.3	29.7	-0.9	60.6
0166	NSSD05	6	213	235	0095	9 MAR 1979	068	15:03:41	40.7	43031.8	5.6	21.0	-0.9	61.2
0169	NSSD05	7	215	232	0097	11 MAR 1979	070	14:52:39	43.7	43453.1	5.3	21.1	-0.7	64.4
0172	NSSD05	8	207	221	0100	14 MAR 1979	073	15:01:32	48.8	42068.9	6.5	20.8	-0.4	69.2
0175	NSSD05	9	285	231	0101	15 MAR 1979	074	10:46:55	45.9	61902.0	-8.7	25.2	-0.3	70.5
0176	NSSD05	10	202	212	0101	15 MAR 1979	074	15:04:58	50.2	42391.2	6.3	20.9	-0.3	70.8
0177	NSSD05	11	232	220	0102	16 MAR 1979	075	14:15:43	50.3	47974.5	2.2	22.1	-0.2	72.3
0178	NSSD05	12	300	232	0104	18 MAR 1979	077	09:53:21	50.2	64397.6	-11.5	26.0	-0.1	75.2
0180	NSSD05	13	238	210	0107	21 MAR 1979	080	14:18:59	57.8	49859.3	0.9	22.5	0.2	80.3
0181	NSSD05	14	234	205	0109	23 MAR 1979	082	14:49:18	61.4	47842.3	2.3	22.1	0.4	83.5
0185	NSSD06	1	234	192	0113	27 MAR 1979	086	14:57:02	67.5	48740.9	1.7	22.3	0.8	89.8
0188	NSSD06	2	232	181	0117	31 MAR 1979	090	15:26:45	74.0	47705.9	2.4	22.2	1.2	96.2
0191	NSSD06	3	228	166	0121	4 APR 1979	094	15:50:06	80.4	47010.3	3.0	22.1	1.5	102.5
0192	NSSD06	4	223	148	0126	9 APR 1979	099	16:15:00	88.3	46579.3	3.2	22.0	1.9	110.5
0194	NSSD06	5	227	139	0129	12 APR 1979	102	16:22:14	93.0	47050.9	2.9	22.1	2.1	115.2
0196	NSSD06	6	227	138	0130	13 APR 1979	103	16:24:30	94.5	47248.1	2.7	22.2	2.2	116.8
0199	NSSD06	7	223	125	0133	16 APR 1979	106	16:32:02	99.2	47522.3	2.5	22.2	2.4	121.5
0201	NSSD06	8	228	122	0135	18 APR 1979	108	16:44:33	102.4	46965.0	2.6	22.2	2.5	124.7
0202	NSSD06	9	224	113	0137	20 APR 1979	110	16:49:56	105.6	47006.1	2.8	22.1	2.7	127.9
0203	NSSD06	10	225	111	0138	21 APR 1979	111	16:52:39	107.2	46995.5	2.8	22.1	2.7	129.5
0204	NSSD06	11	230	104	0141	24 APR 1979	114	17:02:02	111.9	46740.6	3.0	22.1	2.9	134.2
0205	NSSD06	12	228	101	0142	25 APR 1979	115	17:16:28	113.7	45564.7	3.8	21.8	2.9	135.8
0206	NSSD06	13	226	95	0144	27 APR 1979	117	17:28:06	117.0	44643.1	4.5	21.6	3.0	139.0
0214	NSSD06	14	175	68	0173	27 MAY 1979	147	01:48:02	137.6	49725.0	-36.0	34.8	3.2	-174.4
0215	NSSD07	1	216	54	0173	27 MAY 1979	147	06:28:18	150.1	64889.8	-22.6	29.4	3.2	-174.1
0218	NSSD07	2	140	89	0174	27 MAY 1979	147	23:48:24	129.5	37396.9	-45.0	39.3	3.2	-173.0
0219	NSSD07	3	182	55	0174	28 MAY 1979	148	03:49:05	145.2	58842.2	-29.1	31.7	3.2	-172.7
0220	NSSD07	4	203	45	0175	28 MAY 1979	148	08:42:26	155.9	66380.0	-17.1	27.6	3.2	-172.4
0223	NSSD07	5	173	64	0175	29 MAY 1979	149	02:01:07	140.8	51901.5	-34.4	34.1	3.1	-171.2
0231	NSSD07	6	174	54	0177	31 MAY 1979	151	03:16:28	147.3	58102.4	-29.6	32.2	3.1	-168.0
0232	NSSD07	7	161	36	0177	31 MAY 1979	151	08:06:46	158.8	66351.5	-17.7	27.9	3.0	-167.6
0237	NSSD07	8	140	59	0178	1 JUN 1979	152	01:23:05	142.3	50601.5	-35.3	34.6	3.0	-166.5
0241	NSSD07	9	134	60	0179	2 JUN 1979	153	01:36:23	143.2	51112.7	-35.1	34.5	3.0	-164.9
0242	NSSD07	10	136	60	0180	3 JUN 1979	154	01:39:31	143.5	50653.5	-35.4	34.6	2.9	-163.3
0243	NSSD07	11	119	36	0181	4 JUN 1979	155	06:11:03	157.2	65067.5	-22.9	29.7	2.9	-161.4
0244	NSSD07	12	127	61	0182	5 JUN 1979	156	01:47:31	144.1	49933.1	-35.9	34.8	2.8	-160.1
0245	NSSD07	13	111	35	0182	5 JUN 1979	156	06:19:11	157.9	65063.9	-22.9	29.7	2.8	-159.8
0246	NSSD07	14	231	101	0225	17 JUL 1979	198	17:25:44	113.6	47577.3	3.1	22.0	-0.7	-91.6
0248	NSSD07	15	230	103	0226	18 JUL 1979	199	17:22:32	112.1	47811.3	2.9	22.1	-0.8	-90.0
0261	NSSD07	16	231	142	0238	30 JUL 1979	211	17:28:35	92.8	47562.9	3.1	22.1	-1.9	-70.6
0262	NSSD07	17	222	152	0241	2 AUG 1979	214	17:52:45	87.6	45524.3	4.6	21.7	-2.1	-65.7
0269	NSSD08	1	238	166	0246	7 AUG 1979	219	17:07:29	80.4	50308.1	1.1	22.7	-2.5	-57.6
0303	NSSD08	2	220	282	0292	23 SEP 1979	266	04:44:09	37.6	47773.2	-36.8	35.4	-2.9	17.8
0304	NSSD08	3	221	284	0293	24 SEP 1979	267	04:53:10	37.0	47734.9	-36.8	35.4	-2.8	19.4
0305	NSSD08	4	217	279	0294	25 SEP 1979	268	05:03:58	36.5	47798.7	-36.8	35.4	-2.8	21.0
0313	NSSD08	5	324	282	0303	3 OCT 1979	276	14:10:36	14.7	66733.0	-15.1	27.2	-2.3	34.5
0422	NSSD08	6	273	254	0310	11 OCT 1979	284	11:14:03	27.7	63611.9	-23.9	30.1	-1.6	47.1
0425	NSSD08	7	285	267	0311	12 OCT 1979	285	11:19:21	28.7	63559.3	-23.9	30.1	-1.6	48.7
0428	NSSD08	8	295	276	0312	13 OCT 1979	286	11:23:42	29.8	63468.5	-24.0	30.1	-1.5	50.3
0431	NSSD08	9	291	270	0313	14 OCT 1979	287	11:31:58	30.9	63530.1	-23.9	30.1	-1.4	51.9

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
0434	NSSD08	10	294	272	0314	15 OCT 1979	288	11:32:36	32.1	63336.2	-24.1	30.2	-1.3	53.5
0437	NSSD08	11	289	267	0315	16 OCT 1979	289	11:35:29	33.3	63203.2	-24.3	30.2	-1.2	55.1
0440	NSSD08	12	292	269	0316	17 OCT 1979	290	11:38:04	34.6	63081.4	-24.4	30.3	-1.1	56.7
0445	NSSD08	13	268	269	0318	19 OCT 1979	292	10:06:42	38.7	57888.6	-29.1	32.0	-1.0	59.8
0451	NSSD08	14	277	270	0320	21 OCT 1979	294	10:45:31	40.5	59440.4	-27.8	31.5	-0.8	63.0
0453	NSSD09	1	249	259	0321	22 OCT 1979	295	09:47:21	42.8	55413.9	-31.0	32.6	-0.7	64.6
0469	NSSD09	2	232	224	0324	24 OCT 1979	297	22:51:07	46.8	48396.2	3.2	21.9	-0.4	68.6
0492	NSSD09	3	294	239	0329	30 OCT 1979	303	13:24:23	51.8	63985.6	-23.3	29.8	0.1	77.5
0495	NSSD09	4	230	203	0333	2 NOV 1979	306	23:58:55	61.2	47215.2	4.1	21.8	0.4	83.0
0496	NSSD09	5	224	234	0333	3 NOV 1979	307	09:44:27	58.2	49304.3	-35.3	34.3	0.4	83.6
0497	NSSD09	6	303	233	0333	3 NOV 1979	307	14:31:02	57.7	65242.9	-21.5	29.2	0.5	83.9
0498	NSSD09	7	301	219	0334	3 NOV 1979	307	19:41:10	59.2	63895.9	-9.5	25.6	0.5	84.3
0499	NSSD09	8	234	203	0334	4 NOV 1979	308	00:01:33	62.7	47524.9	3.9	21.8	0.5	84.5
0500	NSSD09	9	234	246	0334	4 NOV 1979	308	09:51:47	59.4	49400.9	-35.3	34.3	0.5	85.2
0501	NSSD09	10	304	230	0334	4 NOV 1979	308	14:32:52	59.1	65118.9	-21.7	29.3	0.6	85.5
0502	NSSD09	11	238	247	0335	5 NOV 1979	309	09:55:35	60.7	49208.9	-35.4	34.3	0.6	86.8
0503	NSSD09	12	229	235	0336	6 NOV 1979	310	09:58:29	61.9	48918.3	-35.6	34.4	0.7	88.4
0504	NSSD09	13	307	227	0336	6 NOV 1979	310	14:33:24	62.1	64827.0	-22.2	29.4	0.7	88.7
0505	NSSD09	14	298	209	0337	6 NOV 1979	310	19:44:21	63.8	64383.0	-10.1	25.8	0.8	89.0
0506	NSSD09	15	236	193	0337	7 NOV 1979	311	00:09:12	67.2	48458.0	3.2	22.1	0.8	89.3
0507	NSSD10	1	233	238	0337	7 NOV 1979	311	10:01:51	63.2	48657.3	-35.8	34.4	0.8	90.0
0508	NSSD10	2	302	222	0337	7 NOV 1979	311	14:34:42	63.5	64687.7	-22.4	29.5	0.8	90.3
0509	NSSD10	3	298	205	0338	7 NOV 1979	311	19:43:58	65.3	64596.2	-10.4	25.9	0.8	90.6
0510	NSSD10	4	239	192	0338	8 NOV 1979	312	00:12:22	68.8	48725.3	3.0	22.1	0.9	90.9
0511	NSSD10	5	227	229	0338	8 NOV 1979	312	10:04:06	64.5	48395.3	-36.0	34.5	0.9	91.5
0512	NSSD10	6	304	221	0338	8 NOV 1979	312	14:36:17	65.0	64566.5	-22.5	29.5	0.9	91.8
0513	NSSD10	7	305	206	0339	8 NOV 1979	312	19:45:29	66.9	64710.9	-10.6	25.9	0.9	92.2
0514	NSSD10	8	236	186	0339	9 NOV 1979	313	00:15:01	70.3	49020.4	2.8	22.2	1.0	92.5
0515	NSSD10	9	230	230	0339	9 NOV 1979	313	10:07:49	65.7	48095.7	-36.2	34.6	1.0	93.1
0516	NSSD10	10	307	218	0339	9 NOV 1979	313	14:35:44	66.4	64353.2	-22.8	29.6	1.0	93.4
0517	NSSD10	11	303	201	0340	9 NOV 1979	313	19:45:51	68.4	64879.2	-10.8	26.0	1.0	93.8
0518	NSSD10	12	238	185	0340	10 NOV 1979	314	00:17:58	71.8	49375.0	2.6	22.3	1.0	94.1
0521	NSSD10	13	241	183	0341	11 NOV 1979	315	00:21:34	73.3	49562.7	2.4	22.3	1.1	95.6
0523	NSSD10	14	301	194	0342	11 NOV 1979	315	19:49:26	71.5	65075.4	-11.1	26.1	1.2	96.9
0524	NSSD10	15	241	180	0342	12 NOV 1979	316	00:24:38	74.8	49783.2	2.2	22.4	1.2	97.2
0527	NSSD11	1	235	172	0343	13 NOV 1979	317	00:26:46	76.3	50159.0	2.0	22.5	1.3	98.8
0530	NSSD11	2	241	171	0344	14 NOV 1979	318	00:30:45	77.9	50279.7	1.9	22.5	1.4	100.4
0542	NSSD11	3	230	155	0349	19 NOV 1979	323	01:32:55	86.4	47109.1	4.1	21.9	1.8	108.4
0545	NSSD11	4	230	151	0350	20 NOV 1979	324	01:34:18	87.9	47396.9	3.9	22.0	1.9	110.0
0548	NSSD11	5	230	149	0351	21 NOV 1979	325	01:45:07	89.5	46848.6	4.3	21.9	2.0	111.6
0550	NSSD11	6	225	142	0352	22 NOV 1979	326	01:47:27	91.1	47159.3	4.1	21.9	2.0	113.1
0551	NSSD11	7	279	151	0354	23 NOV 1979	327	21:36:21	90.7	63816.5	-9.5	25.7	2.2	116.0
0558	NSSD11	8	233	121	0360	30 NOV 1979	334	02:25:52	103.7	47057.6	4.1	21.9	2.6	125.8
0559	NSSD11	9	300	135	0361	30 NOV 1979	334	22:08:39	101.7	63746.0	-9.5	25.7	2.6	127.1
0560	NSSD11	10	235	118	0361	1 DEC 1979	335	02:26:33	105.2	47355.9	3.9	22.0	2.6	127.4
0561	NSSD11	11	292	129	0362	1 DEC 1979	335	22:12:50	103.3	63722.1	-9.5	25.7	2.7	128.7
0562	NSSD11	12	228	112	0362	2 DEC 1979	336	02:27:14	106.7	47571.6	3.7	22.0	2.7	129.0
0563	NSSD11	13	298	126	0364	3 DEC 1979	337	22:21:09	106.5	63622.3	-9.4	25.6	2.8	131.9
0570	NSSD11	14	229	102	0366	6 DEC 1979	340	02:39:37	113.0	47626.9	3.6	22.0	2.9	135.3
0572	NSSD11	15	231	100	0367	7 DEC 1979	341	02:41:25	114.6	47703.6	3.6	22.0	3.0	136.9
0573	NSSD12	1	300	115	0368	7 DEC 1979	341	22:20:21	112.6	64019.5	-9.9	25.8	3.0	138.2
0574	NSSD12	2	226	96	0368	8 DEC 1979	342	02:43:12	116.2	47759.9	3.5	22.0	3.0	138.5
0575	NSSD12	3	295	111	0369	8 DEC 1979	342	22:22:08	114.2	64036.5	-10.0	25.8	3.0	139.8
0576	NSSD12	4	232	95	0369	9 DEC 1979	343	02:45:02	117.7	47818.8	3.5	22.1	3.0	140.1
0577	NSSD12	5	290	106	0370	9 DEC 1979	343	22:22:13	115.7	64107.5	-10.1	25.8	3.1	141.4

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
0578	NSSD12	6	233	92	0370	10 DEC 1979	344	02:45:56	119.3	48040.4	3.3	22.1	3.1	141.7
0579	NSSD12	7	301	108	0371	10 DEC 1979	344	22:21:56	117.2	64212.1	-10.2	25.9	3.1	143.0
0580	NSSD12	8	224	85	0371	11 DEC 1979	345	02:46:40	120.8	48165.1	3.2	22.1	3.1	143.3
0581	NSSD12	9	248	52	0394	2 JAN 1980	002	22:28:20	153.5	63289.2	-9.2	25.5	3.3	179.5
0583	NSSD12	10	167	80	0394	3 JAN 1980	003	11:21:14	130.7	42610.7	-39.9	36.9	3.3	-179.7
0584	NSSD12	11	220	62	0394	3 JAN 1980	003	15:11:33	142.7	60550.5	-26.5	31.1	3.3	-179.4
0587	NSSD12	12	89	29	0395	4 JAN 1980	004	04:19:15	156.1	35089.2	13.3	18.8	3.3	-178.6
0588	NSSD12	13	164	82	0395	4 JAN 1980	004	11:08:02	130.9	41494.8	-40.7	37.3	3.3	-178.1
0589	NSSD12	14	214	60	0395	4 JAN 1980	004	14:53:12	143.3	59802.5	-27.1	31.4	3.3	-177.9
0590	NSSD13	1	234	51	0396	4 JAN 1980	004	19:52:19	152.9	66368.1	-15.1	27.3	3.3	-177.5
0592	NSSD13	2	80	28	0396	5 JAN 1980	005	04:16:17	157.2	34973.0	13.4	18.8	3.2	-177.0
0597	NSSD13	3	66	28	0397	6 JAN 1980	006	04:12:35	158.2	34898.5	13.5	18.7	3.2	-176.4
0599	NSSD13	4	212	59	0397	6 JAN 1980	006	14:48:24	145.7	59985.7	-26.9	31.3	3.2	-174.7
0604	NSSD13	5	174	51	0398	7 JAN 1980	007	14:43:01	146.7	59961.2	-26.9	31.3	3.2	-173.1
0607	NSSD13	6	56	27	0399	8 JAN 1980	008	04:02:35	160.1	34945.6	13.5	18.7	3.2	-172.2
0608	NSSD13	7	145	74	0399	8 JAN 1980	008	10:50:35	134.3	41517.4	-40.6	37.3	3.1	-171.8
0609	NSSD13	8	199	54	0399	8 JAN 1980	008	14:35:29	147.6	59794.8	-27.0	31.4	3.1	-171.5
0610	NSSD13	9	178	38	0400	8 JAN 1980	008	19:33:29	158.3	66324.5	-15.0	27.3	3.1	-171.2
0612	NSSD13	10	39	24	0400	9 JAN 1980	009	03:55:53	161.1	35152.4	13.3	18.7	3.1	-170.6
0613	NSSD13	11	141	73	0400	9 JAN 1980	009	10:45:04	135.1	41578.2	-40.5	37.3	3.1	-170.2
0614	NSSD13	12	157	46	0400	9 JAN 1980	009	14:30:10	148.6	59876.7	-27.0	31.4	3.1	-169.9
0617	NSSD13	13	131	70	0401	10 JAN 1980	010	10:52:47	135.9	41715.4	-40.5	37.3	3.1	-168.6
0618	NSSD13	14	150	45	0401	10 JAN 1980	010	14:39:52	149.6	60153.7	-26.9	31.3	3.1	-168.3
0619	NSSD13	15	131	29	0402	10 JAN 1980	010	19:41:11	160.9	66731.2	-14.9	27.2	3.1	-168.0
0625	NSSD14	1	128	32	0403	12 JAN 1980	012	17:53:27	158.9	66207.1	-19.4	28.7	3.0	-164.9
0626	NSSD14	2	130	58	0404	13 JAN 1980	013	12:19:23	143.4	48932.8	-35.3	34.8	2.9	-163.7
0627	NSSD14	3	130	36	0404	13 JAN 1980	013	16:41:53	156.7	64418.8	-22.4	29.7	2.9	-163.4
0628	NSSD14	4	125	57	0405	14 JAN 1980	014	12:24:24	143.9	48862.6	-35.4	34.8	2.9	-162.1
0632	NSSD14	5	115	58	0407	16 JAN 1980	016	12:37:46	145.3	49035.0	-35.1	34.7	2.8	-158.9
0635	NSSD14	6	112	60	0408	17 JAN 1980	017	12:36:45	145.4	48539.0	-35.5	34.9	2.7	-157.3
0636	NSSD14	7	87	34	0408	17 JAN 1980	017	17:11:49	159.7	64651.6	-22.0	29.6	2.7	-157.0
0638	NSSD14	8	105	61	0409	18 JAN 1980	018	12:41:38	145.9	48631.3	-35.4	34.9	2.7	-155.7
0645	NSSD14	9	181	38	0422	31 JAN 1980	031	03:02:39	157.0	49536.4	2.7	21.9	1.8	-135.5
0648	NSSD14	10	218	45	0424	1 FEB 1980	032	22:44:58	156.9	64333.2	-9.9	25.7	1.6	-132.6
0649	NSSD14	11	209	45	0424	2 FEB 1980	033	03:04:51	153.8	49205.9	3.0	21.9	1.6	-132.3
0650	NSSD14	12	234	49	0425	2 FEB 1980	033	22:49:14	155.4	64140.1	-9.6	25.6	1.6	-131.0
0651	NSSD15	1	217	48	0425	3 FEB 1980	034	03:06:49	152.1	48927.6	3.2	21.8	1.5	-130.7
0652	NSSD15	2	255	53	0426	3 FEB 1980	034	22:54:08	153.8	63939.4	-9.4	25.5	1.5	-129.4
0653	NSSD15	3	220	49	0426	4 FEB 1980	035	03:09:33	150.5	48545.4	3.5	21.7	1.5	-129.1
0656	NSSD15	4	267	57	0428	5 FEB 1980	036	22:57:09	150.7	63756.8	-9.1	25.5	1.3	-126.2
0660	NSSD15	5	233	57	0430	8 FEB 1980	039	02:50:36	144.8	50941.8	1.9	22.2	1.1	-122.7
0664	NSSD15	6	240	61	0432	10 FEB 1980	041	03:02:05	141.6	50748.5	2.1	22.2	0.9	-119.5
0666	NSSD15	7	238	63	0433	11 FEB 1980	042	03:08:11	140.0	50616.8	2.2	22.2	0.8	-117.9
0668	NSSD15	8	239	65	0434	12 FEB 1980	043	03:13:32	138.4	50613.5	2.2	22.2	0.7	-116.3
0672	NSSD15	9	290	76	0437	14 FEB 1980	045	23:27:09	136.6	64267.7	-9.4	25.6	0.5	-111.7
0673	NSSD15	10	238	71	0437	15 FEB 1980	046	03:31:07	133.5	50166.8	2.6	22.1	0.4	-111.4
0676	NSSD15	11	294	81	0439	16 FEB 1980	047	23:39:59	133.4	64164.8	-9.3	25.6	0.3	-108.5
0677	NSSD15	12	244	77	0439	17 FEB 1980	048	03:42:27	130.2	49974.2	2.7	22.1	0.3	-108.2
0678	NSSD15	13	297	84	0440	17 FEB 1980	048	23:46:25	131.7	64071.6	-9.2	25.5	0.2	-106.8
0679	NSSD15	14	237	77	0440	18 FEB 1980	049	03:48:09	128.6	49811.8	2.9	22.1	0.2	-106.6
0683	NSSD16	1	240	83	0442	20 FEB 1980	051	03:59:21	125.4	49585.4	3.0	22.1	0.0	-103.3
0685	NSSD16	2	212	150	0459	8 MAR 1980	068	13:51:53	105.3	41164.2	-40.6	36.6	-1.6	-75.2
0686	NSSD16	3	295	144	0459	8 MAR 1980	068	18:00:29	103.2	60986.6	-25.7	30.6	-1.6	-74.9
0687	NSSD16	4	318	144	0460	8 MAR 1980	068	23:07:03	100.7	66411.7	-13.5	26.8	-1.7	-74.6
0688	NSSD16	5	270	139	0460	9 MAR 1980	069	03:44:52	97.7	55623.1	-1.4	23.5	-1.7	-74.3

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	LONG	SUBSOLAR LAT	LONG
0690	NSSD16	6	211	152	0460	9 MAR 1980	069	13:48:22	104.1	40536.6	-41.0	36.8	-1.7	-73.6
0691	NSSD16	7	297	147	0460	9 MAR 1980	069	18:06:58	101.7	61153.3	-25.5	30.6	-1.7	-73.3
0693	NSSD16	8	267	141	0461	10 MAR 1980	070	03:50:33	96.0	55368.7	-1.3	23.4	-1.8	-72.6
0694	NSSD16	9	174	138	0461	10 MAR 1980	070	07:21:13	91.6	33714.7	15.3	18.8	-1.8	-72.4
0695	NSSD16	10	211	155	0461	10 MAR 1980	070	13:54:38	102.8	40956.4	-40.7	36.7	-1.8	-72.0
0696	NSSD16	11	295	149	0461	10 MAR 1980	070	18:14:57	100.2	61398.5	-25.3	30.5	-1.8	-71.7
0697	NSSD16	12	318	151	0462	10 MAR 1980	070	23:20:43	97.4	66306.2	-13.2	26.8	-1.8	-71.3
0698	NSSD16	13	267	144	0462	11 MAR 1980	071	03:57:08	94.3	55038.9	-1.0	23.4	-1.8	-71.0
0699	NSSD16	14	176	144	0462	11 MAR 1980	071	07:23:09	90.1	33755.6	15.3	18.8	-1.9	-70.8
0700	NSSD16	15	215	160	0462	11 MAR 1980	071	13:59:26	101.5	41247.0	-40.5	36.6	-1.9	-70.3
0701	NSSD17	1	298	154	0462	11 MAR 1980	071	18:21:03	98.6	61605.9	-25.1	30.4	-1.9	-70.0
0703	NSSD17	2	269	149	0463	12 MAR 1980	072	03:59:40	92.7	55083.5	-1.1	23.4	-1.9	-69.4
0704	NSSD17	3	176	148	0463	12 MAR 1980	072	07:27:01	88.5	33543.4	15.5	18.8	-1.9	-69.1
0705	NSSD17	4	251	155	0463	12 MAR 1980	072	15:37:28	99.0	50892.5	-33.6	33.5	-2.0	-68.6
0706	NSSD17	5	314	158	0463	12 MAR 1980	072	20:16:20	96.1	65396.5	-20.5	28.9	-2.0	-68.3
0707	NSSD17	6	303	154	0464	13 MAR 1980	073	01:24:17	93.0	63413.6	-8.5	25.4	-2.0	-67.9
0708	NSSD17	7	233	150	0464	13 MAR 1980	073	05:38:12	89.6	46902.8	4.9	21.8	-2.0	-67.6
0713	NSSD17	8	241	167	0466	15 MAR 1980	075	15:08:24	95.3	47661.0	-35.9	34.4	-2.2	-63.8
0715	NSSD17	9	241	170	0467	16 MAR 1980	076	15:12:45	94.0	47897.3	-35.7	34.4	-2.3	-62.1
0716	NSSD17	10	307	169	0467	16 MAR 1980	076	19:43:40	90.3	64297.5	-22.1	29.5	-2.3	-61.8
0717	NSSD17	11	239	171	0468	17 MAR 1980	077	15:15:13	92.6	47964.0	-35.7	34.4	-2.3	-60.5
0718	NSSD17	12	310	173	0468	17 MAR 1980	077	19:48:39	88.8	64391.8	-22.0	29.4	-2.3	-60.2
0719	NSSD17	13	243	177	0469	18 MAR 1980	078	15:17:50	91.2	47996.2	-35.7	34.4	-2.4	-58.9
0720	NSSD17	14	310	177	0469	18 MAR 1980	078	19:49:59	87.3	64369.1	-22.0	29.4	-2.4	-58.6
0721	NSSD17	15	243	180	0470	19 MAR 1980	079	15:19:24	89.9	48029.3	-35.6	34.4	-2.5	-57.3
0722	NSSD18	1	308	178	0470	19 MAR 1980	079	19:52:40	85.7	64399.7	-22.0	29.4	-2.5	-56.9
0724	NSSD18	2	239	172	0471	20 MAR 1980	080	05:32:00	78.6	48749.3	3.5	22.2	-2.5	-56.3
0728	NSSD18	3	311	186	0472	21 MAR 1980	081	19:58:04	82.6	64470.4	-21.9	29.4	-2.6	-53.7
0729	NSSD18	4	244	191	0473	22 MAR 1980	082	15:25:59	85.8	48093.5	-35.6	34.4	-2.7	-52.4
0730	NSSD18	5	305	186	0473	22 MAR 1980	082	20:00:59	81.1	64479.0	-21.9	29.4	-2.7	-52.1
0731	NSSD18	6	245	206	0478	27 MAR 1980	087	15:34:52	79.1	48087.0	-35.6	34.4	-2.9	-44.2
0733	NSSD18	7	247	209	0557	14 JUN 1980	166	06:54:00	60.3	49686.7	3.6	22.0	0.4	82.3
0734	NSSD18	8	231	253	0557	14 JUN 1980	166	16:45:22	57.5	47274.7	-35.5	34.6	0.4	83.0
0735	NSSD18	9	303	217	0558	15 JUN 1980	167	02:20:35	58.3	65170.5	-10.0	25.9	0.4	83.6
0736	NSSD18	10	248	207	0558	15 JUN 1980	167	06:56:20	61.8	50033.1	3.4	22.1	0.5	83.9
0740	NSSD18	11	225	241	0559	16 JUN 1980	168	16:51:51	60.0	46684.7	-35.9	34.7	0.6	86.1
0742	NSSD18	12	303	212	0560	17 JUN 1980	169	02:54:27	61.7	64573.1	-9.1	25.6	0.6	86.8
0743	NSSD18	13	238	197	0560	17 JUN 1980	169	07:22:36	65.2	48755.8	4.3	21.9	0.6	87.1
0744	NSSD18	14	231	112	0587	14 JUL 1980	196	10:07:30	108.0	46590.2	5.8	21.6	2.7	130.0
0747	NDDD18	15	296	123	0589	16 JUL 1980	198	05:46:15	107.6	63807.5	-8.3	25.5	2.8	132.8
0748	NSSD19	1	226	104	0589	16 JUL 1980	198	10:07:42	111.0	47284.3	5.2	21.7	2.8	133.1
0749	NSSD19	2	230	103	0590	17 JUL 1980	199	10:18:35	112.7	46575.4	5.7	21.6	2.9	134.7
0750	NSSD19	3	298	118	0591	18 JUL 1980	200	06:01:23	110.8	63523.0	-8.0	25.4	2.9	136.0
0751	NSSD19	4	232	101	0591	18 JUL 1980	200	10:21:51	114.2	46560.6	5.8	21.6	2.9	136.3
0752	NSSD19	5	294	113	0592	19 JUL 1980	201	06:04:34	112.4	63527.0	-8.0	25.4	3.0	137.6
0753	NSSD19	6	232	98	0592	19 JUL 1980	201	10:26:34	115.8	46405.0	5.9	21.5	3.0	137.9
0754	NSSD19	7	291	110	0593	20 JUL 1980	202	06:06:33	114.0	63556.2	-8.0	25.4	3.0	139.2
0755	NSSD19	8	229	93	0593	20 JUL 1980	202	10:27:14	117.4	46602.4	5.7	21.6	3.0	139.5
0757	NSSD19	9	231	92	0594	21 JUL 1980	203	10:31:17	118.9	46517.5	5.8	21.6	3.1	141.1
0759	NSSD19	10	230	88	0595	22 JUL 1980	204	10:19:49	120.3	47953.1	4.7	21.8	3.1	142.6
0760	NSSD19	11	295	103	0596	23 JUL 1980	205	06:00:46	118.5	64046.0	-8.7	25.6	3.1	143.9
0761	NSSD19	12	233	87	0596	23 JUL 1980	205	10:21:35	121.9	48044.9	4.7	21.9	3.1	144.2
0762	NSSD19	13	291	99	0597	24 JUL 1980	206	06:01:47	120.0	64107.9	-8.7	25.6	3.2	145.5
0763	NSSD19	14	233	85	0597	24 JUL 1980	206	10:23:19	123.5	48103.3	4.6	21.9	3.2	145.8
0764	NSSD19	15	299	99	0598	25 JUL 1980	207	06:02:27	121.6	64158.2	-8.8	25.6	3.2	147.1

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
0765	NSSD19	16	232	82	0598	25 JUL 1980	207	10:24:50	125.0	48294.8	4.5	21.9	3.2	147.4
0768	NSSD19	17	296	94	0600	27 JUL 1980	209	06:11:42	124.7	64295.6	-9.0	25.7	3.3	150.3
0769	NSSD19	18	225	75	0600	27 JUL 1980	209	10:35:45	128.2	48542.7	4.3	21.9	3.3	150.6
0776	NSSD20	1	297	84	0604	31 JUL 1980	213	06:36:42	131.3	63505.5	-8.0	25.4	3.3	156.7
0777	NSSD20	2	225	67	0604	31 JUL 1980	213	10:52:23	134.6	47037.7	5.4	21.6	3.4	156.9
0778	NSSD20	3	297	82	0605	1 AUG 1980	214	06:39:11	132.9	63540.1	-8.1	25.4	3.4	158.2
0780	NSSD20	4	297	80	0606	2 AUG 1980	215	06:40:11	134.4	63596.6	-8.1	25.4	3.4	159.8
0781	NSSD20	5	225	63	0606	2 AUG 1980	215	10:57:04	137.7	47199.7	5.3	21.6	3.4	160.1
0782	NSSD20	6	297	79	0607	3 AUG 1980	216	06:41:31	136.0	63652.7	-8.2	25.4	3.4	161.4
0783	NSSD20	7	226	61	0607	3 AUG 1980	216	10:58:54	139.2	47366.5	5.2	21.6	3.4	161.7
0784	NSSD20	8	299	77	0608	4 AUG 1980	217	06:42:17	137.5	63696.7	-8.3	25.4	3.4	163.0
0785	NSSD20	9	223	59	0608	4 AUG 1980	217	11:00:21	140.8	47396.9	5.2	21.6	3.4	163.3
0786	NSSD20	10	296	74	0609	5 AUG 1980	218	06:43:02	139.1	63752.2	-8.3	25.4	3.4	164.6
0787	NSSD20	11	225	58	0609	5 AUG 1980	218	11:01:58	142.3	47563.3	5.0	21.6	3.4	164.9
0788	NSSD20	12	221	56	0610	6 AUG 1980	219	11:03:34	143.9	47657.5	5.0	21.6	3.4	166.5
0789	NSSD20	13	293	71	0611	7 AUG 1980	220	06:44:45	142.2	63894.6	-8.5	25.5	3.4	167.8
0790	NSSD21	1	220	53	0611	7 AUG 1980	220	11:05:04	145.5	47720.2	4.9	21.6	3.4	168.1
0791	NSSD21	2	288	67	0612	8 AUG 1980	221	06:45:35	143.7	63947.6	-8.5	25.5	3.4	169.4
0792	NSSD21	3	216	51	0612	8 AUG 1980	221	11:06:41	147.0	47884.5	4.8	21.6	3.4	169.6
0809	NSSD21	4	154	82	0620	16 AUG 1980	229	19:49:37	130.7	39244.8	-41.4	37.9	3.2	-177.1
0810	NSSD21	5	206	56	0620	17 AUG 1980	230	00:05:27	145.3	60470.6	-25.4	30.9	3.2	-176.8
0813	NSSD21	6	66	28	0621	17 AUG 1980	230	13:34:08	156.0	33303.3	16.5	18.0	3.2	-175.9
0814	NSSD21	7	145	78	0621	17 AUG 1980	230	19:51:54	131.4	39109.6	-41.5	37.9	3.2	-175.5
0815	NSSD21	8	204	55	0621	18 AUG 1980	231	00:07:01	146.4	60413.4	-25.5	31.0	3.2	-175.2
0817	NSSD21	9	64	29	0622	18 AUG 1980	231	13:36:22	156.9	33401.4	16.4	18.0	3.2	-174.3
0818	NSSD21	10	139	76	0622	18 AUG 1980	231	19:54:07	132.3	39149.4	-41.4	37.9	3.2	-173.9
0820	NSSD21	11	55	31	0623	19 AUG 1980	232	13:38:33	157.8	33550.1	16.3	18.0	3.2	-172.7
0821	NSSD21	12	145	78	0623	19 AUG 1980	232	19:56:19	133.0	39014.1	-41.5	38.0	3.2	-172.3
0822	NSSD21	13	204	54	0623	20 AUG 1980	233	00:09:50	148.5	60227.2	-25.6	31.0	3.2	-172.0
0825	NSSD21	14	41	29	0624	20 AUG 1980	233	13:40:51	158.6	33647.6	16.2	18.1	3.1	-171.1
0826	NSSD22	1	140	76	0624	20 AUG 1980	233	19:58:42	133.7	38922.3	-41.6	38.0	3.1	-170.7
0827	NSSD22	2	157	44	0624	21 AUG 1980	234	00:11:26	149.5	60187.0	-25.6	31.0	3.1	-170.4
0828	NSSD22	3	146	31	0625	21 AUG 1980	234	05:08:16	160.1	66497.3	-13.7	27.0	3.1	-170.1
0830	NSSD22	4	133	74	0625	21 AUG 1980	234	20:00:51	134.4	38830.2	-41.7	38.1	3.1	-169.1
0831	NSSD22	5	166	46	0625	22 AUG 1980	235	00:12:42	150.4	60092.6	-25.7	31.1	3.1	-168.8
0832	NSSD22	6	121	26	0626	22 AUG 1980	235	05:09:15	161.3	66507.1	-13.7	27.1	3.1	-168.5
0834	NSSD22	7	34	32	0626	22 AUG 1980	235	13:45:15	159.9	33741.2	16.2	18.0	3.1	-167.9
0835	NSSD22	8	127	73	0626	22 AUG 1980	235	20:03:16	135.1	38826.4	-41.7	38.1	3.0	-167.5
0836	NSSD22	9	161	45	0626	23 AUG 1980	236	00:14:32	151.3	60034.0	-25.7	31.1	3.0	-167.2
0837	NSSD22	10	112	24	0627	23 AUG 1980	236	05:10:48	162.5	66514.1	-13.8	27.1	3.0	-166.9
0841	NSSD22	11	141	43	0627	24 AUG 1980	237	00:28:44	152.7	60597.0	-25.2	30.9	3.0	-165.6
0844	NSSD22	12	32	35	0628	24 AUG 1980	237	13:49:56	160.8	33935.3	16.1	18.1	3.0	-164.7
0845	NSSD22	13	122	72	0628	24 AUG 1980	237	20:08:11	136.4	38774.8	-41.7	38.1	3.0	-164.3
0846	NSSD22	14	135	41	0628	25 AUG 1980	238	00:18:10	152.9	59952.9	-25.8	31.1	2.9	-164.0
0849	NSSD23	1	38	39	0629	25 AUG 1980	238	13:52:15	161.0	33931.8	16.1	18.1	2.9	-163.1
0850	NSSD23	2	111	69	0629	25 AUG 1980	238	20:10:38	136.8	38594.2	-41.8	38.2	2.9	-162.7
0852	NSSD23	3	118	58	0630	26 AUG 1980	239	21:25:35	143.8	46704.4	-35.8	35.2	2.9	-161.0
0853	NSSD23	4	98	28	0630	27 AUG 1980	240	02:05:13	158.9	64107.6	-21.4	29.5	2.8	-160.7
0854	NSSD23	5	112	57	0631	27 AUG 1980	240	21:27:48	144.3	46596.0	-35.9	35.2	2.8	-159.4
0855	NSSD23	6	96	30	0631	28 AUG 1980	241	02:06:31	159.5	64048.9	-21.4	29.6	2.8	-159.1
0856	NSSD23	7	110	61	0632	28 AUG 1980	241	21:29:22	144.7	46522.5	-35.9	35.2	2.7	-157.8
0857	NSSD23	8	89	30	0632	29 AUG 1980	242	02:06:58	159.9	63956.4	-21.6	29.6	2.7	-157.5
0859	NSSD23	9	77	32	0633	30 AUG 1980	243	02:08:03	160.4	63930.3	-21.6	29.6	2.7	-155.9
0861	NSSD23	10	73	32	0634	31 AUG 1980	244	02:09:02	160.6	63858.9	-21.6	29.6	2.6	-154.3
0862	NSSD23	11	93	59	0635	31 AUG 1980	244	21:35:21	145.6	46230.9	-36.1	35.3	2.6	-153.0

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
0863	NSSD23	12	65	33	0635	1 SEP 1980	245	02:10:44	160.7	63786.7	-21.7	29.7	2.6	-152.7
0864	NSSD23	13	86	59	0636	1 SEP 1980	245	21:38:11	145.9	46263.3	-36.1	35.3	2.5	-151.4
0865	NSSD23	14	65	32	0636	2 SEP 1980	246	02:13:32	160.8	63795.0	-21.7	29.6	2.5	-151.1
0867	NSSD24	1	62	35	0637	3 SEP 1980	247	02:15:14	160.7	63768.7	-21.7	29.7	2.4	-149.5
0868	NSSD24	2	78	71	0638	3 SEP 1980	247	21:42:53	146.0	46080.1	-36.2	35.3	2.4	-148.2
0869	NSSD24	3	63	33	0638	4 SEP 1980	248	02:16:56	160.4	63695.8	-21.8	29.7	2.4	-147.9
0885	NSSD24	4	183	38	0646	11 SEP 1980	255	12:09:05	157.5	50778.7	3.3	22.0	1.8	-136.1
0887	NSSD24	5	194	41	0647	12 SEP 1980	256	12:11:15	155.9	50837.0	3.3	22.0	1.7	-134.5
0889	NSSD24	6	207	44	0648	13 SEP 1980	257	12:13:32	154.4	50955.0	3.2	22.0	1.6	-132.9
0891	NSSD24	7	214	46	0649	14 SEP 1980	258	12:15:42	152.9	51013.3	3.2	22.1	1.6	-131.2
0893	NSSD24	8	217	48	0650	15 SEP 1980	259	12:17:54	151.3	51071.4	3.2	22.1	1.5	-129.6
0895	NSSD24	9	222	51	0651	16 SEP 1980	260	12:20:22	149.8	51070.2	3.2	22.1	1.4	-128.0
0897	NSSD24	10	227	52	0652	17 SEP 1980	261	12:22:49	148.2	51128.5	3.2	22.1	1.3	-126.4
0899	NSSD24	11	229	54	0653	18 SEP 1980	262	12:25:24	146.6	51101.2	3.2	22.1	1.2	-124.8
0901	NSSD24	12	232	56	0654	19 SEP 1980	263	12:27:58	145.1	51190.2	3.1	22.1	1.1	-123.2
0903	NSSD24	13	232	58	0655	20 SEP 1980	264	12:30:31	143.5	51160.1	3.2	22.1	1.0	-121.6
0905	NSSD24	14	227	59	0656	21 SEP 1980	265	12:57:46	141.2	49034.8	4.8	21.7	0.9	-120.0
0907	NSSD25	1	230	62	0657	22 SEP 1980	266	13:00:29	139.7	49002.5	4.8	21.7	0.9	-118.4
0909	NSSD25	2	227	63	0658	23 SEP 1980	267	13:03:15	138.1	48970.2	4.8	21.7	0.8	-116.7
0911	NSSD25	3	230	65	0659	24 SEP 1980	268	13:06:04	136.5	48970.2	4.9	21.7	0.7	-115.1
0915	NSSD25	4	233	69	0661	26 SEP 1980	270	13:12:17	133.3	48938.2	4.9	21.7	0.5	-111.9
0917	NSSD25	5	237	73	0662	27 SEP 1980	271	13:15:09	131.8	48906.3	4.9	21.7	0.4	-110.3
0919	NSSD25	6	242	75	0663	28 SEP 1980	272	13:18:01	130.2	48878.0	5.0	21.7	0.3	-108.7
0921	NSSD25	7	242	79	0664	29 SEP 1980	273	13:21:14	128.6	48847.1	5.0	21.7	0.2	-107.1
0923	NSSD25	8	241	80	0665	30 SEP 1980	274	13:24:21	127.0	48847.7	5.0	21.7	0.1	-105.4
0925	NSSD25	9	239	82	0666	1 OCT 1980	275	13:27:37	125.4	48783.6	5.1	21.7	0.0	-103.8
0927	NSSD25	10	242	86	0667	2 OCT 1980	276	13:30:42	123.8	48751.9	5.1	21.7	-0.1	-102.2
0929	NSSD25	11	243	89	0668	3 OCT 1980	277	13:33:51	122.2	48720.4	5.1	21.7	-0.2	-100.6
0931	NSSD25	12	238	90	0669	4 OCT 1980	278	13:37:03	120.6	48623.7	5.2	21.7	-0.3	-99.0
0933	NSSD25	13	241	93	0670	5 OCT 1980	279	13:40:14	119.0	48592.0	5.2	21.7	-0.4	-97.4
0935	NSSD26	1	244	97	0671	6 OCT 1980	280	13:43:27	117.4	48560.3	5.2	21.7	-0.5	-95.8
0937	NSSD26	2	242	102	0673	8 OCT 1980	282	13:49:57	114.2	48468.5	5.3	21.8	-0.7	-92.5
0939	NSSD26	3	242	106	0674	9 OCT 1980	283	13:53:17	112.6	48338.3	5.4	21.7	-0.8	-90.9
0941	NSSD26	4	240	107	0675	10 OCT 1980	284	13:56:36	111.0	48339.3	5.4	21.7	-0.9	-89.3
0943	NSSD26	5	241	111	0676	11 OCT 1980	285	13:59:55	109.4	48274.4	5.5	21.7	-0.9	-87.7
0945	NSSD26	6	242	114	0677	12 OCT 1980	286	14:03:19	107.8	48143.2	5.6	21.7	-1.0	-86.0
0946	NSSD26	7	311	122	0678	13 OCT 1980	287	09:21:39	110.0	64651.1	-8.9	25.7	-1.1	-84.7
0947	NSSD26	8	239	116	0678	13 OCT 1980	287	14:06:37	106.2	48111.1	5.6	21.7	-1.1	-84.4
0949	NSSD26	9	239	120	0679	14 OCT 1980	288	14:10:16	104.6	47979.0	5.7	21.7	-1.2	-82.8
0950	NSSD26	10	307	127	0680	15 OCT 1980	289	09:29:53	106.8	64566.6	-8.8	25.7	-1.3	-81.5
0953	NSSD26	11	238	126	0681	16 OCT 1980	290	14:16:52	101.4	47914.1	5.7	21.7	-1.4	-79.5
0954	NSSD26	12	129	147	0681	16 OCT 1980	290	17:28:35	93.9	22070.5	29.7	14.4	-1.4	-79.3
0957	NSSD26	13	274	132	0682	17 OCT 1980	291	12:41:01	101.4	55796.8	-0.2	23.3	-1.5	-78.0
0958	NSSD26	14	171	129	0682	17 OCT 1980	291	16:26:08	96.2	32797.6	17.9	18.3	-1.5	-77.8
0959	NSSD27	1	190	149	0682	17 OCT 1980	291	22:20:18	107.1	36546.5	-43.4	38.1	-1.5	-77.4
0960	NSSD27	2	283	137	0682	18 OCT 1980	292	02:10:01	105.6	57833.4	-27.3	31.3	-1.5	-77.1
0962	NSSD27	3	275	135	0683	18 OCT 1980	292	12:44:42	99.7	55749.7	-0.2	23.3	-1.6	-76.4
0963	NSSD27	4	174	136	0683	18 OCT 1980	292	16:29:07	94.7	32695.0	18.0	18.3	-1.6	-76.2
0965	NSSD27	5	283	141	0683	19 OCT 1980	293	02:13:39	104.1	57876.5	-27.2	31.3	-1.6	-75.5
0966	NSSD27	6	318	141	0684	19 OCT 1980	293	07:37:53	101.5	66514.6	-13.7	27.1	-1.6	-75.1
0967	NSSD27	7	272	138	0684	19 OCT 1980	293	12:48:11	98.1	55654.2	-0.1	23.3	-1.7	-74.8
0970	NSSD27	8	281	143	0684	20 OCT 1980	294	02:17:18	102.6	57961.5	-27.2	31.3	-1.7	-73.9
0971	NSSD27	9	315	143	0685	20 OCT 1980	294	07:41:57	99.9	66507.3	-13.6	27.1	-1.7	-73.5
0972	NSSD27	10	268	140	0685	20 OCT 1980	294	12:51:55	96.5	55606.7	-0.1	23.3	-1.7	-73.2
0973	NSSD27	11	174	143	0685	20 OCT 1980	294	16:35:01	91.6	32540.7	18.1	18.2	-1.7	-72.9

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
0975	NSSD27	12	280	145	0685	21 OCT 1980	295	02:21:17	101.2	58046.2	-27.1	31.2	-1.8	-72.2
0976	NSSD27	13	319	148	0686	21 OCT 1980	295	07:46:16	98.2	66497.6	-13.5	27.0	-1.8	-71.9
0977	NSSD27	14	269	142	0686	21 OCT 1980	295	12:55:38	94.8	55534.7	0.0	23.3	-1.8	-71.5
0978	NSSD28	1	173	145	0686	21 OCT 1980	295	16:37:58	90.2	32696.5	18.0	18.3	-1.8	-71.3
0981	NSSD28	2	319	151	0687	22 OCT 1980	296	07:50:20	96.6	66490.9	-13.5	27.0	-1.9	-70.3
0982	NSSD28	3	263	143	0687	22 OCT 1980	296	12:59:13	93.2	55438.1	0.0	23.3	-1.9	-69.9
0983	NSSD28	4	172	148	0687	22 OCT 1980	296	16:40:54	88.6	32593.5	18.1	18.3	-1.9	-69.7
0985	NSSD28	5	285	154	0687	23 OCT 1980	297	02:28:51	98.2	58151.2	-27.0	31.2	-1.9	-69.0
0986	NSSD28	6	314	152	0688	23 OCT 1980	297	07:54:30	95.0	66481.7	-13.4	27.0	-2.0	-68.6
0987	NSSD28	7	269	150	0688	23 OCT 1980	297	13:03:00	91.6	55318.6	0.1	23.3	-2.0	-68.3
0989	NSSD28	8	286	157	0688	24 OCT 1980	298	02:32:57	96.7	58254.3	-26.9	31.2	-2.0	-67.4
0991	NSSD28	9	272	154	0689	24 OCT 1980	298	13:06:52	89.9	55295.1	0.1	23.3	-2.1	-66.7
0992	NSSD28	10	169	153	0689	24 OCT 1980	298	16:46:59	85.6	32446.2	18.2	18.2	-2.1	-66.4
0995	NSSD28	11	226	120	0690	25 OCT 1980	299	08:03:23	91.8	66458.8	-13.3	27.0	-2.1	-65.4
0997	NSSD28	12	234	158	0691	26 OCT 1980	300	14:51:05	85.2	46938.9	6.4	21.6	-2.2	-63.3
0998	NSSD28	13	231	160	0692	27 OCT 1980	301	14:54:25	83.6	46938.9	6.4	21.6	-2.3	-61.7
0999	NSSD28	14	234	165	0693	28 OCT 1980	302	14:57:42	82.0	46869.6	6.4	21.6	-2.4	-60.0
1000	NSSD29	1	233	168	0694	29 OCT 1980	303	15:01:04	80.3	46730.6	6.5	21.6	-2.4	-58.4
1002	NSSD29	2	223	170	0696	31 OCT 1980	305	15:07:41	77.1	46621.3	6.6	21.5	-2.6	-55.2
1003	NSSD29	3	227	173	0697	1 NOV 1980	306	15:10:53	75.5	46549.9	6.6	21.5	-2.6	-53.5
1004	NSSD29	4	228	179	0698	2 NOV 1980	307	15:14:14	73.9	46444.0	6.7	21.5	-2.7	-51.9
1005	NSSD29	5	229	183	0699	3 NOV 1980	308	15:17:45	72.2	46372.8	6.8	21.5	-2.7	-50.3
1006	NSSD29	6	228	185	0700	4 NOV 1980	309	15:20:47	70.6	46336.5	6.8	21.5	-2.8	-48.6
1007	NSSD29	7	227	188	0701	5 NOV 1980	310	15:23:56	69.0	46264.9	6.8	21.4	-2.8	-47.0
1008	NSSD29	8	224	188	0702	6 NOV 1980	311	15:27:17	67.4	46122.0	6.9	21.4	-2.9	-45.4
1009	NSSD29	9	228	198	0704	8 NOV 1980	313	15:33:42	64.2	46047.7	7.0	21.4	-3.0	-42.1
1010	NSSD29	10	226	200	0705	9 NOV 1980	314	15:36:50	62.6	45974.9	7.0	21.4	-3.0	-40.5
1011	NSSD29	11	226	202	0706	10 NOV 1980	315	15:40:00	60.9	45830.0	7.1	21.3	-3.1	-38.9
1021	NSSD29	12	295	232	0719	23 NOV 1980	328	11:34:59	43.4	63754.0	-7.9	25.4	-3.4	-18.0
1024	NSSD29	13	232	238	0721	25 NOV 1980	330	15:58:45	37.1	47916.7	5.6	21.6	-3.4	-14.5
1026	NSSD30	1	246	254	0722	27 NOV 1980	332	02:15:42	51.9	50686.6	-32.8	33.7	-3.4	-12.2
1028	NSSD30	2	225	191	0723	28 NOV 1980	333	08:02:23	39.8	66218.0	-16.8	28.1	-3.4	-10.1
1032	NSSD30	3	242	259	0726	1 DEC 1980	336	02:28:03	47.0	50819.9	-32.7	33.7	-3.4	-5.7
1036	NSSD30	4	238	261	0729	4 DEC 1980	339	02:37:08	43.6	50868.0	-32.6	33.7	-3.3	-0.8
1038	NSSD30	5	235	264	0730	5 DEC 1980	340	02:31:17	43.0	50107.5	-33.2	33.9	-3.3	0.8
1039	NSSD30	6	295	256	0730	5 DEC 1980	340	07:06:22	31.8	64882.6	-19.8	29.0	-3.3	1.1
1044	NSSD30	7	235	265	0733	8 DEC 1980	343	02:48:11	39.4	50821.1	-32.6	33.7	-3.2	5.7
1048	NSSD30	8	244	270	0736	11 DEC 1980	346	03:25:59	35.0	53139.6	-30.9	33.1	-3.1	10.6
1051	NSSD30	9	248	276	0738	13 DEC 1980	348	03:30:55	33.3	53077.4	-30.9	33.1	-3.0	13.8
1054	NSSD30	10	243	273	0740	15 DEC 1980	350	03:35:14	31.9	52988.1	-31.0	33.1	-2.9	17.1
1055	NSSD30	11	225	248	0741	15 DEC 1980	350	16:55:06	9.6	47697.8	6.1	21.3	-2.9	17.9
1056	NSSD30	12	234	276	0742	17 DEC 1980	352	03:14:29	32.3	50815.7	-32.5	33.7	-2.8	20.3
1058	NSSD30	13	282	248	0743	17 DEC 1980	352	12:42:46	6.4	63627.2	-7.5	25.3	-2.8	20.9
1059	NSSD30	14	230	250	0743	17 DEC 1980	352	16:58:33	8.7	47957.1	5.9	21.4	-2.8	21.2
1060	NSSD31	1	234	278	0743	18 DEC 1980	353	03:16:56	31.8	50752.5	-32.6	33.8	-2.8	21.9
1062	NSSD31	2	285	254	0744	18 DEC 1980	353	12:43:57	5.6	63680.7	-7.6	25.3	-2.7	22.5
1063	NSSD31	3	226	247	0744	18 DEC 1980	353	17:00:04	8.7	48019.9	5.9	21.4	-2.7	22.8
1066	NSSD31	4	303	263	0745	19 DEC 1980	354	10:52:55	9.9	66107.1	-12.2	26.7	-2.7	24.0
1067	NSSD31	5	255	253	0745	19 DEC 1980	354	15:50:10	4.3	54090.2	1.3	22.7	-2.7	24.3
1068	NSSD31	6	164	246	0745	19 DEC 1980	354	19:08:22	21.5	33405.9	17.7	17.7	-2.7	24.5
1070	NSSD31	7	274	267	0745	20 DEC 1980	355	06:00:46	22.2	61007.1	-24.2	30.6	-2.6	25.3
1071	NSSD31	8	307	266	0746	20 DEC 1980	355	10:53:43	9.7	66121.6	-12.3	26.7	-2.6	25.6
1072	NSSD31	9	242	237	0746	20 DEC 1980	355	15:51:26	5.0	54213.2	1.2	22.7	-2.6	25.9
1073	NSSD31	10	164	244	0746	20 DEC 1980	355	19:10:25	21.9	33497.2	17.6	17.8	-2.6	26.2
1074	NSSD31	11	192	280	0746	21 DEC 1980	356	02:00:32	37.2	42470.2	-38.7	36.5	-2.6	26.6

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
1075	NSSD31	12	275	268	0746	21 DEC 1980	356	06:02:20	22.0	60955.0	-24.3	30.6	-2.6	26.9
1076	NSSD31	13	301	262	0747	21 DEC 1980	356	10:56:33	9.7	66118.3	-12.3	26.7	-2.6	27.2
1077	NSSD31	14	254	251	0747	21 DEC 1980	356	15:52:29	6.0	54365.1	1.1	22.7	-2.5	27.5
1078	NSSD32	1	161	240	0747	21 DEC 1980	356	19:12:20	22.4	33651.2	17.5	17.8	-2.5	27.8
1079	NSSD32	2	192	281	0747	22 DEC 1980	357	02:02:40	37.0	42347.7	-38.8	36.6	-2.5	28.2
1080	NSSD32	3	270	263	0747	22 DEC 1980	357	06:03:21	21.9	60852.6	-24.3	30.6	-2.5	28.5
1081	NSSD32	4	302	262	0748	22 DEC 1980	357	10:54:56	10.1	66163.2	-12.4	26.7	-2.5	28.8
1082	NSSD32	5	205	278	0748	23 DEC 1980	358	02:35:09	34.3	45553.0	-36.4	35.4	-2.5	29.9
1083	NSSD32	6	272	259	0748	23 DEC 1980	358	06:37:13	20.5	62217.4	-22.9	30.1	-2.4	30.1
1084	NSSD32	7	295	257	0749	23 DEC 1980	358	11:32:59	9.5	65718.9	-11.0	26.3	-2.4	30.5
1085	NSSD32	8	204	279	0749	24 DEC 1980	359	02:36:59	34.3	45370.4	-36.5	35.5	-2.4	31.5
1086	NSSD32	9	279	266	0749	24 DEC 1980	359	06:37:56	20.7	62100.0	-23.0	30.2	-2.4	31.7
1087	NSSD32	10	298	257	0750	24 DEC 1980	359	11:33:16	10.4	65743.6	-11.1	26.3	-2.4	32.1
1088	NSSD32	11	205	279	0750	25 DEC 1980	360	02:39:06	34.2	45403.8	-36.4	35.4	-2.3	33.1
1089	NSSD32	12	267	252	0750	25 DEC 1980	360	06:39:02	21.0	62053.8	-23.1	30.2	-2.3	33.3
1090	NSSD32	13	295	257	0751	25 DEC 1980	360	11:33:44	11.5	65783.7	-11.2	26.4	-2.3	33.7
1091	NSSD32	14	120	254	0751	25 DEC 1980	360	20:28:50	36.7	23229.9	28.9	13.9	-2.3	34.3
1092	NSSD33	1	268	255	0751	26 DEC 1980	361	06:39:49	21.4	61934.3	-23.2	30.2	-2.2	34.9
1093	NSSD33	2	300	259	0752	26 DEC 1980	361	11:33:56	12.6	65822.5	-11.2	26.4	-2.2	35.3
1094	NSSD33	3	202	277	0752	27 DEC 1980	362	02:42:53	34.5	45108.9	-36.6	35.5	-2.2	36.3
1095	NSSD33	4	276	263	0752	27 DEC 1980	362	06:40:32	21.9	61857.9	-23.2	30.2	-2.2	36.6
1096	NSSD33	5	299	257	0753	27 DEC 1980	362	11:34:06	13.9	65845.0	-11.3	26.4	-2.1	36.9
1097	NSSD33	6	201	276	0753	28 DEC 1980	363	02:44:47	34.7	45033.8	-36.7	35.5	-2.1	37.9
1098	NSSD33	7	273	260	0753	28 DEC 1980	363	06:41:18	22.6	61781.1	-23.3	30.2	-2.1	38.2
1099	NSSD33	8	298	257	0754	28 DEC 1980	363	11:34:12	15.2	65881.8	-11.4	26.4	-2.1	38.5
1100	NSSD33	9	185	277	0754	29 DEC 1980	364	02:17:13	37.2	41771.3	-39.1	36.7	-2.0	39.5
1102	NSSD33	10	303	261	0755	29 DEC 1980	364	10:56:23	17.0	66280.9	-13.0	26.9	-2.0	40.0
1103	NSSD33	11	255	245	0755	29 DEC 1980	364	15:58:14	17.5	55532.7	0.4	23.0	-2.0	40.4
1104	NSSD33	12	168	238	0755	29 DEC 1980	364	19:26:33	29.0	34869.3	16.7	18.2	-2.0	40.6
1105	NSSD33	13	185	278	0755	30 DEC 1980	365	02:19:08	37.5	41648.4	-39.2	36.7	-2.0	41.1
1106	NSSD33	14	268	262	0755	30 DEC 1980	365	06:10:19	25.2	60061.5	-25.0	30.8	-1.9	41.3
1120	NSSD34	2	182	273	0758	2 JAN 1981	002	02:24:23	38.7	41236.9	-39.5	36.8	-1.7	45.9
1121	NSSD34	3	262	257	0758	2 JAN 1981	002	06:11:29	27.8	59678.1	-25.3	30.9	-1.7	46.1
1122	NSSD34	4	301	257	0759	2 JAN 1981	002	10:54:53	22.5	66336.3	-13.5	27.1	-1.7	46.4
1123	NSSD34	5	262	246	0759	2 JAN 1981	002	15:59:13	23.7	56231.8	-0.1	23.2	-1.7	46.8
1124	NSSD34	6	169	233	0759	2 JAN 1981	002	19:32:47	33.4	35633.6	16.1	18.4	-1.7	47.0
1125	NSSD34	7	181	272	0759	3 JAN 1981	003	02:26:11	39.2	41153.6	-39.6	36.8	-1.6	47.5
1126	NSSD34	8	263	258	0759	3 JAN 1981	003	06:11:59	28.8	59529.3	-25.4	30.9	-1.6	47.7
1127	NSSD34	9	298	253	0760	3 JAN 1981	003	10:54:36	23.9	66343.8	-13.6	27.1	-1.6	48.0
1128	NSSD35	1	255	240	0760	3 JAN 1981	003	15:59:32	25.2	56414.2	-0.3	23.2	-1.6	48.4
1129	NSSD35	2	172	235	0760	3 JAN 1981	003	19:34:22	34.6	35727.7	16.0	18.4	-1.6	48.6
1130	NSSD35	3	179	268	0760	4 JAN 1981	004	02:27:56	39.8	40946.9	-39.7	36.9	-1.5	49.1
1131	NSSD35	4	262	256	0760	4 JAN 1981	004	06:12:17	29.8	59435.2	-25.5	31.0	-1.5	49.3
1132	NSSD35	5	300	254	0761	4 JAN 1981	004	10:53:50	25.4	66352.5	-13.7	27.1	-1.5	49.6
1133	NSSD35	6	262	244	0761	4 JAN 1981	004	15:59:15	26.7	56594.8	-0.4	23.2	-1.5	50.0
1134	NSSD35	7	169	226	0761	4 JAN 1981	004	19:35:34	35.8	35963.6	15.8	18.5	-1.5	50.2
1136	NSSD35	8	261	254	0761	5 JAN 1981	005	06:11:53	30.9	59227.2	-25.7	31.0	-1.4	50.9
1137	NSSD35	9	298	251	0762	5 JAN 1981	005	10:52:22	26.8	66358.5	-13.9	27.2	-1.4	51.2
1138	NSSD35	10	262	242	0762	5 JAN 1981	005	15:58:33	28.3	56840.6	-0.6	23.3	-1.4	51.6
1143	NSSD35	11	195	202	0763	6 JAN 1981	006	17:19:31	31.7	51100.5	3.9	22.0	-1.3	53.3
1147	NSSD35	12	253	225	0764	7 JAN 1981	007	12:38:47	29.7	65265.8	-9.8	26.0	-1.3	54.5
1153	NSSD35	13	223	231	0765	8 JAN 1981	008	18:03:40	36.0	47683.6	6.5	21.3	-1.1	56.5
1155	NSSD35	14	279	252	0765	9 JAN 1981	009	08:13:34	33.7	63900.3	-20.6	29.3	-1.1	57.4
1162	NSSD36	1	205	271	0767	11 JAN 1981	011	03:29:46	42.3	45596.1	-36.2	35.1	-0.9	60.3
1166	NSSD36	2	205	271	0768	12 JAN 1981	012	03:30:35	43.3	45416.3	-36.3	35.1	-0.8	61.9

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
1190	NSSD36	3	204	263	0774	18 JAN 1981	018	03:34:36	49.7	44130.3	-37.3	35.5	-0.3	71.4
1197	NSSD36	4	232	215	0776	19 JAN 1981	019	18:24:21	52.7	48513.3	6.0	21.6	-0.1	74.0
1198	NSSD36	5	200	254	0776	20 JAN 1981	020	03:35:15	52.0	43639.0	-37.6	35.6	-0.1	74.6
1201	NSSD36	6	227	207	0777	20 JAN 1981	020	18:23:58	54.1	48868.9	5.8	21.7	0.0	75.6
1206	NSSD36	7	200	251	0778	22 JAN 1981	022	03:35:55	54.3	43063.8	-38.1	35.7	0.1	77.8
1210	NSSD36	8	198	248	0779	23 JAN 1981	023	03:36:25	55.5	42909.2	-38.2	35.8	0.2	79.4
1214	NSSD36	9	207	243	0780	24 JAN 1981	024	03:55:01	56.3	44654.5	-36.9	35.2	0.3	81.0
1218	NSSD36	10	206	240	0782	25 JAN 1981	025	03:54:58	57.6	44284.1	-37.1	35.3	0.4	82.6
1246	NSSD36	11	201	221	0788	1 FEB 1981	032	03:55:46	66.1	42405.7	-38.6	35.8	1.0	93.7
1247	NSSD36	12	283	208	0788	1 FEB 1981	032	08:04:07	66.6	61237.5	-23.7	30.2	1.0	93.9
1250	NSSD36	13	196	216	0789	2 FEB 1981	033	03:55:58	67.4	42128.6	-38.8	35.9	1.1	95.2
1252	NSSD36	14	299	194	0790	2 FEB 1981	033	13:28:54	70.2	65639.4	-10.5	26.3	1.1	95.9
1253	NSSD37	1	239	178	0790	2 FEB 1981	033	18:35:12	74.0	50799.4	4.3	22.2	1.2	96.2
1254	NSSD37	2	200	215	0790	3 FEB 1981	034	03:56:06	68.6	41969.6	-39.0	36.0	1.2	96.8
1257	NSSD37	3	224	170	0791	3 FEB 1981	034	18:34:20	75.5	51096.3	4.1	22.3	1.3	97.8
1258	NSSD37	4	199	213	0791	4 FEB 1981	035	03:56:27	69.8	41688.8	-39.2	36.0	1.3	98.4
1266	NSSD37	5	226	214	0793	6 FEB 1981	037	04:50:00	72.6	46905.4	-35.4	34.3	1.5	101.6
1267	NSSD37	6	284	193	0793	6 FEB 1981	037	09:01:52	74.3	63051.1	-22.1	29.5	1.5	101.9
1268	NSSD37	7	281	175	0794	6 FEB 1981	037	14:36:50	77.1	64308.1	-8.7	25.6	1.5	102.3
1269	NSSD37	8	211	156	0794	6 FEB 1981	037	19:43:10	81.4	45251.4	7.7	21.1	1.5	102.6
1273	NSSD37	9	223	158	0795	7 FEB 1981	038	19:36:19	82.8	45995.0	7.8	21.3	1.6	104.2
1274	NSSD37	10	220	205	0795	8 FEB 1981	039	04:45:23	75.1	46205.5	-35.8	34.5	1.6	104.8
1275	NSSD37	11	287	188	0795	8 FEB 1981	039	08:49:27	77.1	62513.3	-22.3	29.7	1.6	105.1
1276	NSSD37	12	300	176	0796	8 FEB 1981	039	14:17:58	80.0	64825.2	-9.0	25.8	1.7	105.4
1277	NSSD37	13	227	157	0796	8 FEB 1981	039	19:30:17	84.2	46684.9	7.4	21.4	1.7	105.8
1278	NSSD37	14	217	203	0796	9 FEB 1981	040	04:42:35	76.4	45781.5	-36.1	34.7	1.7	106.4
1280	NSSD38	1	299	173	0797	9 FEB 1981	040	14:13:17	81.5	64949.5	-9.2	25.9	1.7	107.0
1281	NSSD38	2	227	154	0797	9 FEB 1981	040	19:28:42	85.6	47032.6	7.1	21.5	1.8	107.3
1285	NSSD38	3	228	151	0798	10 FEB 1981	041	19:26:29	87.1	47336.2	6.9	21.6	1.8	108.9
1297	NSSD38	4	232	143	0801	13 FEB 1981	044	19:20:10	91.6	48239.0	6.2	21.8	2.1	113.7
1299	NSSD38	5	286	172	0801	14 FEB 1981	045	08:24:25	85.7	61172.9	-23.8	30.2	2.1	114.5
1300	NSSD38	6	304	160	0802	14 FEB 1981	045	13:49:59	89.0	65544.3	-10.4	26.3	2.1	114.9
1304	NSSD38	7	305	157	0803	15 FEB 1981	046	13:44:18	90.5	65649.8	-10.7	26.3	2.2	116.5
1309	NSSD38	8	232	132	0804	16 FEB 1981	047	19:13:17	96.2	49203.8	5.4	22.0	2.3	118.4
1313	NSSD38	9	238	132	0805	17 FEB 1981	048	19:11:04	97.7	49487.6	5.2	22.1	2.4	120.0
1314	NSSD38	10	281	158	0805	18 FEB 1981	049	08:08:15	91.3	60204.3	-24.8	30.5	2.4	120.8
1323	NSSD38	11	241	123	0808	20 FEB 1981	051	19:03:08	102.2	50466.1	4.5	22.3	2.5	124.7
1327	NSSD38	12	240	120	0809	21 FEB 1981	052	19:00:33	103.7	50823.7	4.2	22.3	2.6	126.3
1330	NSSD38	13	243	118	0810	22 FEB 1981	053	18:58:37	105.2	51088.8	4.0	22.4	2.7	127.9
1338	NSSD38	14	239	111	0812	24 FEB 1981	055	19:16:46	108.6	49728.1	5.0	22.1	2.8	131.0
1342	NSSD39	1	240	109	0813	25 FEB 1981	056	19:14:56	110.1	50004.4	4.8	22.1	2.8	132.6
1347	NSSD39	2	215	141	0814	27 FEB 1981	058	05:27:17	100.6	48137.0	-34.4	34.0	2.9	134.9
1350	NSSD39	3	231	99	0815	27 FEB 1981	058	19:23:54	113.4	49412.6	5.2	22.0	2.9	135.8
1351	NSSD39	4	219	141	0815	28 FEB 1981	059	05:25:04	101.8	47838.2	-34.6	34.1	2.9	136.5
1353	NSSD39	5	302	117	0816	28 FEB 1981	059	14:22:35	111.1	65222.3	-9.8	26.1	3.0	137.1
1354	NSSD39	6	238	99	0816	28 FEB 1981	059	19:22:04	114.9	49598.6	5.1	22.0	3.0	137.4
1355	NSSD39	7	211	135	0816	1 MAR 1981	060	05:23:10	103.0	47502.6	-34.9	34.3	3.0	138.0
1356	NSSD39	8	284	126	0816	1 MAR 1981	060	08:50:40	107.8	61537.1	-23.5	30.1	3.0	138.3
1357	NSSD39	9	305	116	0817	1 MAR 1981	060	14:18:46	112.6	65325.5	-10.1	26.2	3.0	138.6
1360	NSSD39	10	281	122	0817	2 MAR 1981	061	08:47:10	109.2	61365.4	-23.6	30.2	3.0	139.8
1368	NSSD39	11	275	115	0819	4 MAR 1981	063	08:39:51	111.9	60881.8	-24.1	30.4	3.1	143.0
1376	NSSD39	12	270	109	0821	6 MAR 1981	065	08:33:10	114.6	60476.4	-24.5	30.5	3.2	146.2
1380	NSSD39	13	275	109	0822	7 MAR 1981	066	08:30:45	115.9	60267.6	-24.7	30.6	3.2	147.7
1381	NSSD39	14	294	96	0823	7 MAR 1981	066	14:33:22	122.1	65148.3	-9.7	26.1	3.2	148.1
1382	NSSD40	1	234	81	0823	7 MAR 1981	066	19:31:48	125.9	49552.4	5.1	22.0	3.2	148.5

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	LONG	SUBSOLAR LAT	LONG
1398	NSSD40	2	288	97	0827	12 MAR 1981	071	09:19:31	124.1	62171.4	-22.8	30.0	3.3	155.7
1402	NSSD40	3	279	93	0828	13 MAR 1981	072	09:16:28	125.4	61982.0	-23.0	30.1	3.4	157.3
1411	NSSD40	4	221	83	0892	15 MAY 1981	135	21:02:43	122.6	48875.6	6.6	21.6	-0.2	-101.2
1414	NSSD40	5	222	86	0893	16 MAY 1981	136	21:05:27	121.0	48589.6	6.8	21.6	-0.3	-99.6
1420	NSSD40	6	217	89	0895	18 MAY 1981	138	21:10:20	117.7	48106.1	7.2	21.5	-0.4	-96.4
1427	NSSD40	7	254	95	0897	20 MAY 1981	140	16:29:38	118.6	64200.0	-7.6	25.5	-0.6	-93.5
1433	NSSD40	8	191	105	0898	22 MAY 1981	142	06:45:15	117.7	46302.5	-35.3	34.4	-0.8	-90.9
1434	NSSD40	9	243	100	0898	22 MAY 1981	142	10:36:20	117.6	61896.9	-22.3	29.8	-0.8	-90.6
1435	NSSD40	10	259	101	0899	22 MAY 1981	142	16:03:05	115.6	64828.3	-8.7	25.8	-0.8	-90.3
1438	NSSD40	11	249	105	0899	23 MAY 1981	143	10:40:23	116.1	62052.9	-22.1	29.7	-0.9	-89.0
1439	NSSD40	12	258	104	0900	23 MAY 1981	143	16:07:30	114.0	64743.6	-8.5	25.8	-0.9	-88.6
1440	NSSD40	13	205	101	0900	23 MAY 1981	143	20:59:27	110.0	49045.7	6.4	21.7	-0.9	-88.3
1444	NSSD40	14	206	104	0901	24 MAY 1981	144	21:02:38	108.4	48761.3	6.7	21.7	-1.0	-86.7
1448	NSSD41	1	206	108	0902	25 MAY 1981	145	21:05:55	106.7	48473.7	6.9	21.7	-1.1	-85.1
1450	NSSD41	2	207	100	0902	26 MAY 1981	146	10:53:52	111.5	62582.5	-21.5	29.5	-1.1	-84.1
1451	NSSD41	3	223	101	0903	26 MAY 1981	146	16:56:41	108.7	63385.2	-6.4	25.2	-1.2	-83.7
1460	NSSD41	4	217	118	0905	28 MAY 1981	148	20:46:28	102.3	50102.1	5.6	22.0	-1.4	-80.2
1461	NSSD41	5	128	91	0905	29 MAY 1981	149	06:39:53	108.5	45818.3	-35.7	34.5	-1.4	-79.6
1462	NSSD41	6	247	121	0905	29 MAY 1981	149	09:23:56	107.5	58442.6	-25.7	30.9	-1.4	-79.4
1464	NSSD41	7	222	121	0906	29 MAY 1981	149	20:26:18	101.1	51744.8	4.3	22.4	-1.4	-78.6
1467	NSSD41	8	213	119	0907	30 MAY 1981	150	20:29:40	99.4	51517.6	4.5	22.3	-1.5	-77.0
1470	NSSD41	9	222	128	0908	31 MAY 1981	151	20:32:56	97.8	51230.5	4.7	22.3	-1.6	-75.4
1474	NSSD41	10	215	127	0909	1 JUN 1981	152	20:35:53	96.1	50998.2	4.9	22.2	-1.7	-73.8
1480	NSSD41	11	247	137	0910	3 JUN 1981	154	09:13:29	100.2	57923.4	-26.2	31.0	-1.8	-71.3
1483	NSSD41	12	220	137	0911	3 JUN 1981	154	20:42:05	92.8	50347.4	5.4	22.1	-1.9	-70.5
1488	NSSD41	13	249	144	0912	5 JUN 1981	156	09:20:01	97.2	58347.9	-25.8	30.9	-2.0	-68.0
1496	NSSD41	14	246	151	0914	7 JUN 1981	158	08:58:19	94.4	57104.4	-26.9	31.3	-2.1	-64.8
1497	NSSD42	1	280	153	0915	7 JUN 1981	158	14:43:12	90.7	65961.7	-11.9	26.7	-2.2	-64.4
1498	NSSD42	2	221	149	0915	7 JUN 1981	158	20:28:31	86.6	51435.3	4.5	22.4	-2.2	-64.1
1506	NSSD42	3	218	152	0917	9 JUN 1981	160	20:34:04	83.3	50883.1	4.9	22.3	-2.3	-60.8
1512	NSSD42	4	252	166	0918	11 JUN 1981	162	09:13:10	88.3	58026.4	-26.2	31.0	-2.4	-58.3
1513	NSSD42	5	262	158	0919	11 JUN 1981	162	15:02:12	84.1	65779.0	-11.1	26.5	-2.4	-57.9
1517	NSSD42	6	276	168	0920	12 JUN 1981	163	15:06:50	82.4	65725.8	-11.0	26.5	-2.5	-56.3
1518	NSSD42	7	218	164	0920	12 JUN 1981	163	20:42:48	78.3	50166.6	5.5	22.1	-2.5	-55.9
1519	NSSD42	8	129	121	0920	13 JUN 1981	164	06:36:04	88.3	45892.2	-35.7	34.5	-2.5	-55.2
1520	NSSD42	9	251	170	0920	13 JUN 1981	164	09:20:50	85.2	58465.8	-25.8	30.9	-2.6	-55.1
1521	NSSD42	10	275	170	0921	13 JUN 1981	164	15:11:56	80.8	65659.6	-10.8	26.4	-2.6	-54.7
1522	NSSD42	11	217	167	0921	13 JUN 1981	164	20:45:36	76.7	49862.0	5.7	22.0	-2.6	-54.3
1524	NSSD42	12	254	175	0921	14 JUN 1981	165	09:24:18	83.7	58719.0	-25.6	30.8	-2.6	-53.4
1529	NSSD42	13	264	168	0923	15 JUN 1981	166	15:20:44	77.5	65531.7	-10.4	26.3	-2.7	-51.4
1534	NSSD42	14	211	172	0924	16 JUN 1981	167	20:43:05	71.9	49981.4	5.6	22.1	-2.8	-49.4
1537	NSSD43	1	278	180	0925	17 JUN 1981	168	14:46:01	74.7	65911.7	-11.7	26.7	-2.8	-48.2
1538	NSSD43	2	221	180	0925	17 JUN 1981	168	20:31:51	70.4	50965.8	4.8	22.3	-2.8	-47.8
1544	NSSD43	3	247	185	0926	19 JUN 1981	170	09:06:51	76.6	57752.7	-26.4	31.1	-2.9	-45.3
1545	NSSD43	4	276	187	0927	19 JUN 1981	170	14:55:24	71.3	65823.9	-11.4	26.6	-2.9	-44.9
1548	NSSD43	5	234	176	0927	20 JUN 1981	171	09:10:14	75.1	57977.2	-26.2	31.1	-2.9	-43.7
1552	NSSD43	6	242	186	0928	21 JUN 1981	172	09:13:14	73.5	58157.8	-26.1	31.0	-3.0	-42.1
1553	NSSD43	7	272	189	0929	21 JUN 1981	172	15:03:01	68.0	65728.0	-11.1	26.5	-3.0	-41.7
1554	NSSD43	8	217	192	0929	21 JUN 1981	172	20:41:21	63.9	50065.9	5.5	22.1	-3.0	-41.3
1560	NSSD43	9	278	198	0931	23 JUN 1981	174	14:34:35	65.2	65982.7	-12.2	26.9	-3.1	-38.5
1565	NSSD43	10	250	205	0932	25 JUN 1981	176	09:06:41	67.8	57803.1	-26.4	31.2	-3.2	-35.6
1566	NSSD43	11	275	202	0933	25 JUN 1981	176	14:41:38	61.9	65928.3	-11.9	26.8	-3.2	-35.2
1572	NSSD43	12	242	205	0934	27 JUN 1981	178	09:01:38	65.1	57507.7	-26.6	31.3	-3.2	-32.3
1578	NSSD43	13	212	201	0936	28 JUN 1981	179	20:32:34	52.7	50675.3	5.0	22.1	-3.3	-29.9
1586	NSSD43	14	221	209	0938	30 JUN 1981	181	20:10:45	49.7	52465.8	3.6	22.5	-3.3	-26.7

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
1589	NSSD44	1	278	219	0939	1 JUL 1981	182	14:22:32	52.7	66019.4	-12.7	27.0	-3.3	-25.5
1590	NSSD44	2	224	215	0939	1 JUL 1981	182	20:12:11	48.0	52269.7	3.8	22.5	-3.3	-25.1
1593	NSSD44	3	277	221	0940	2 JUL 1981	183	14:24:51	51.1	66006.3	-12.6	27.0	-3.3	-23.8
1594	NSSD44	4	223	216	0940	2 JUL 1981	183	20:13:33	46.4	52183.3	3.9	22.4	-3.3	-23.4
1595	NSSD44	5	232	217	0940	3 JUL 1981	184	08:46:27	57.0	56625.7	-27.4	31.6	-3.4	-22.6
1598	NSSD44	6	226	221	0941	3 JUL 1981	184	20:15:13	44.8	52012.8	4.0	22.4	-3.4	-21.8
1600	NSSD44	7	241	227	0941	4 JUL 1981	185	08:49:00	55.5	56820.7	-27.2	31.6	-3.4	-21.0
1601	NSSD44	8	276	225	0942	4 JUL 1981	185	14:30:47	47.8	65965.2	-12.3	26.9	-3.4	-20.6
1602	NSSD44	9	224	221	0942	4 JUL 1981	185	20:17:09	43.1	51840.9	4.1	22.3	-3.4	-20.2
1604	NSSD44	10	242	228	0942	5 JUL 1981	186	08:51:41	54.0	56948.5	-27.1	31.5	-3.4	-19.3
1605	NSSD44	11	278	229	0943	5 JUL 1981	186	14:33:47	46.2	65941.7	-12.2	26.8	-3.4	-19.0
1606	NSSD44	12	217	216	0943	5 JUL 1981	186	20:18:42	41.5	51750.0	4.2	22.3	-3.4	-18.6
1608	NSSD44	13	232	223	0943	6 JUL 1981	187	08:53:55	52.6	57075.6	-27.0	31.5	-3.4	-17.7
1609	NSSD44	14	278	231	0944	6 JUL 1981	187	14:36:48	44.5	65918.6	-12.0	26.8	-3.4	-17.3
1610	NSSD45	1	216	221	0944	6 JUL 1981	187	20:20:37	39.9	51575.2	4.4	22.2	-3.4	-16.9
1612	NSSD45	2	234	227	0944	7 JUL 1981	188	08:56:50	51.1	57243.4	-26.9	31.5	-3.4	-16.1
1613	NSSD45	3	280	234	0945	7 JUL 1981	188	14:39:49	42.9	65891.2	-11.9	26.8	-3.4	-15.7
1614	NSSD45	4	223	226	0945	7 JUL 1981	188	20:22:02	38.3	51428.5	4.5	22.2	-3.4	-15.3
1616	NSSD45	5	240	234	0945	8 JUL 1981	189	08:58:38	49.7	57388.1	-26.7	31.4	-3.4	-14.5
1617	NSSD45	6	275	232	0946	8 JUL 1981	189	14:41:55	41.3	65870.6	-11.8	26.7	-3.4	-14.1
1618	NSSD45	7	216	223	0946	8 JUL 1981	189	20:23:12	36.7	51309.9	4.6	22.2	-3.4	-13.7
1620	NSSD45	8	244	238	0946	9 JUL 1981	190	09:00:31	48.2	57510.5	-26.6	31.4	-3.4	-12.8
1621	NSSD45	9	271	230	0947	9 JUL 1981	190	14:43:59	39.7	65849.2	-11.7	26.7	-3.4	-12.5
1622	NSSD45	10	220	228	0947	9 JUL 1981	190	20:24:14	35.1	51219.6	4.6	22.1	-3.4	-12.1
1624	NSSD45	11	243	239	0947	10 JUL 1981	191	09:02:24	46.8	57611.0	-26.5	31.4	-3.4	-11.2
1625	NSSD45	12	278	237	0948	10 JUL 1981	191	14:46:17	38.0	65817.4	-11.6	26.7	-3.4	-10.8
1626	NSSD45	13	220	230	0948	10 JUL 1981	191	20:25:36	33.5	51128.9	4.7	22.1	-3.4	-10.4
1628	NSSD45	14	244	243	0948	11 JUL 1981	192	09:04:39	45.4	57731.3	-26.4	31.3	-3.4	-9.6
1629	NSSD46	1	277	239	0949	11 JUL 1981	192	14:48:25	36.4	65797.0	-11.5	26.7	-3.4	-9.2
1630	NSSD46	2	218	230	0949	11 JUL 1981	192	20:26:29	31.9	51037.8	4.8	22.1	-3.4	-8.8
1632	NSSD46	3	239	241	0949	12 JUL 1981	193	09:05:47	44.1	57789.1	-26.3	31.3	-3.4	-8.0
1638	NSSD46	4	218	232	0951	13 JUL 1981	194	20:27:37	28.8	50942.5	4.9	22.0	-3.4	-5.6
1640	NSSD46	5	240	245	0951	14 JUL 1981	195	09:08:17	41.4	57944.4	-26.2	31.3	-3.4	-4.7
1641	NSSD46	6	276	242	0952	14 JUL 1981	195	14:52:18	31.7	65743.1	-11.3	26.6	-3.3	-4.3
1642	NSSD46	7	218	235	0952	14 JUL 1981	195	20:28:26	27.2	50880.0	5.0	22.0	-3.3	-4.0
1645	NSSD46	8	274	243	0953	15 JUL 1981	196	14:54:10	30.1	65720.3	-11.2	26.6	-3.3	-2.7
1646	NSSD46	9	207	232	0953	15 JUL 1981	196	20:52:41	25.8	48767.5	6.6	21.5	-3.3	-2.3
1647	NSSD46	10	187	249	0953	16 JUL 1981	197	06:23:26	47.5	44917.4	-36.4	35.3	-3.3	-1.7
1648	NSSD46	11	261	248	0953	16 JUL 1981	197	10:45:20	35.3	62511.4	-21.6	29.7	-3.3	-1.4
1649	NSSD46	12	271	243	0954	16 JUL 1981	197	16:06:54	27.0	64466.3	-8.2	25.7	-3.3	-1.0
1650	NSSD46	13	210	236	0954	16 JUL 1981	197	20:53:26	24.3	48667.1	6.7	21.5	-3.3	-0.7
1651	NSSD46	14	177	250	0954	17 JUL 1981	198	06:13:17	47.2	43844.9	-37.3	35.7	-3.3	-0.1
1653	NSSD47	1	269	242	0955	17 JUL 1981	198	16:08:02	25.4	64410.5	-8.1	25.7	-3.3	0.6
1659	NSSD47	2	271	246	0957	19 JUL 1981	200	16:10:21	22.2	64358.4	-8.0	25.6	-3.2	3.8
1660	NSSD47	3	211	238	0957	19 JUL 1981	200	20:54:57	19.9	48623.3	6.8	21.4	-3.2	4.2
1661	NSSD47	4	183	260	0957	20 JUL 1981	201	06:15:55	44.2	44020.2	-37.1	35.7	-3.2	4.8
1662	NSSD47	5	255	250	0957	20 JUL 1981	201	10:50:31	30.0	62661.1	-21.3	29.7	-3.2	5.1
1663	NSSD47	6	267	243	0958	20 JUL 1981	201	16:11:02	20.6	64336.6	-8.0	25.6	-3.2	5.5
1664	NSSD47	7	210	238	0958	20 JUL 1981	201	20:55:09	18.6	48523.5	6.9	21.4	-3.2	5.8
1666	NSSD47	8	254	248	0958	21 JUL 1981	202	10:51:24	28.7	62694.7	-21.3	29.7	-3.2	6.7
1668	NSSD47	9	210	239	0959	21 JUL 1981	202	20:55:33	17.2	48519.5	6.9	21.4	-3.2	7.4
1670	NSSD47	10	247	243	0959	22 JUL 1981	203	11:40:19	25.7	64209.3	-19.1	29.0	-3.1	8.4
1672	NSSD47	11	198	242	0960	22 JUL 1981	203	21:31:20	17.2	45011.8	9.7	20.6	-3.1	9.1
1673	NSSD47	12	158	238	0960	23 JUL 1981	204	06:34:17	40.1	45958.7	-35.6	35.0	-3.1	9.7
1674	NSSD47	13	250	253	0960	23 JUL 1981	204	10:24:08	27.5	61643.6	-22.5	30.1	-3.1	9.9

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
1675	NSSD48	1	268	252	0961	23 JUL 1981	204	15:50:17	16.5	64803.6	-8.8	25.9	-3.1	10.3
1676	NSSD48	2	207	238	0961	23 JUL 1981	204	20:47:18	14.4	49207.8	6.4	21.5	-3.1	10.6
1677	NSSD48	3	241	255	0961	24 JUL 1981	205	09:33:04	28.7	59258.3	-24.9	30.9	-3.1	11.5
1678	NSSD48	4	275	256	0962	24 JUL 1981	205	15:15:28	16.0	65424.1	-10.3	26.3	-3.1	11.9
1679	NSSD48	5	212	245	0962	24 JUL 1981	205	20:47:35	13.2	49204.2	6.4	21.5	-3.0	12.2
1680	NSSD48	6	245	260	0962	25 JUL 1981	206	09:34:03	27.7	59291.1	-24.8	30.9	-3.0	13.1
1682	NSSD48	7	212	245	0963	25 JUL 1981	206	20:47:40	12.1	49231.7	6.4	21.5	-3.0	13.9
1683	NSSD48	8	243	260	0963	26 JUL 1981	207	09:34:48	26.8	59287.2	-24.8	30.9	-3.0	14.7
1684	NSSD48	9	274	256	0964	26 JUL 1981	207	15:16:34	13.2	65406.0	-10.2	26.3	-3.0	15.1
1685	NSSD48	10	212	245	0964	26 JUL 1981	207	20:47:42	11.2	49228.0	6.4	21.5	-3.0	15.5
1686	NSSD48	11	244	260	0964	27 JUL 1981	208	09:35:22	25.9	59338.2	-24.7	30.9	-2.9	16.3
1687	NSSD48	12	265	249	0965	27 JUL 1981	208	15:16:41	11.9	65402.2	-10.2	26.3	-2.9	16.7
1688	NSSD48	13	212	245	0965	27 JUL 1981	208	20:47:28	10.4	49224.5	6.5	21.5	-2.9	17.1
1689	NSSD48	14	238	258	0965	28 JUL 1981	209	09:35:33	25.2	59316.4	-24.7	30.9	-2.9	17.9
1691	NSSD49	1	211	244	0966	28 JUL 1981	209	20:47:10	9.7	49252.2	6.5	21.5	-2.9	18.7
1692	NSSD49	2	242	261	0966	29 JUL 1981	210	09:35:42	24.5	59312.8	-24.7	30.9	-2.8	19.5
1693	NSSD49	3	273	256	0967	29 JUL 1981	210	15:16:14	9.7	65400.0	-10.2	26.3	-2.8	19.9
1694	NSSD49	4	209	241	0967	29 JUL 1981	210	20:46:44	9.3	49342.0	6.4	21.5	-2.8	20.3
1695	NSSD49	5	233	250	0967	30 JUL 1981	211	09:35:47	23.8	59309.3	-24.7	30.9	-2.8	21.2
1696	NSSD49	6	272	254	0968	30 JUL 1981	211	15:15:56	8.8	65411.6	-10.2	26.3	-2.8	21.5
1697	NSSD49	7	203	237	0968	30 JUL 1981	211	20:46:22	9.2	49338.8	6.4	21.5	-2.8	21.9
1698	NSSD49	8	244	263	0968	31 JUL 1981	212	09:36:13	23.3	59360.6	-24.7	30.8	-2.7	22.8
1699	NSSD49	9	272	255	0969	31 JUL 1981	212	15:16:11	8.0	65393.0	-10.1	26.2	-2.7	23.2
1700	NSSD49	10	204	239	0969	31 JUL 1981	212	20:46:24	9.4	49335.6	6.4	21.5	-2.7	23.5
1702	NSSD49	11	209	240	0970	1 AUG 1981	213	20:46:05	9.8	49363.6	6.4	21.5	-2.6	25.1
1703	NSSD49	12	183	275	0970	2 AUG 1981	214	06:19:53	35.3	44309.5	-36.8	35.6	-2.6	25.8
1704	NSSD49	13	210	243	0971	2 AUG 1981	214	20:45:35	10.4	49453.4	6.4	21.5	-2.6	26.7
1705	NSSD49	14	204	238	0972	3 AUG 1981	215	20:45:08	11.2	49450.6	6.4	21.5	-2.5	28.3
1706	NSSD50	1	207	236	0973	4 AUG 1981	216	20:44:23	12.2	49571.2	6.3	21.5	-2.5	30.0
1707	NSSD50	2	212	242	0974	5 AUG 1981	217	20:43:40	13.2	49660.7	6.3	21.5	-2.4	31.6
1708	NSSD50	3	206	237	0975	6 AUG 1981	218	20:43:09	14.5	49658.3	6.3	21.5	-2.3	33.2
1709	NSSD50	4	207	238	0976	7 AUG 1981	219	20:42:26	15.7	49747.7	6.3	21.6	-2.2	34.8
1710	NSSD50	5	208	237	0977	8 AUG 1981	220	20:42:09	17.0	49775.8	6.2	21.6	-2.2	36.4
1711	NSSD50	6	210	237	0978	9 AUG 1981	221	20:41:37	18.3	49865.1	6.2	21.6	-2.1	38.0
1712	NSSD50	7	210	237	0979	10 AUG 1981	222	20:40:20	19.7	49924.1	6.2	21.6	-2.0	39.6
1713	NSSD50	8	212	237	0980	11 AUG 1981	223	20:39:09	21.1	50043.4	6.1	21.6	-1.9	41.2
1715	NSSD50	9	212	236	0982	13 AUG 1981	225	20:37:31	24.0	50220.6	6.0	21.7	-1.8	44.4
1716	NSSD50	10	213	234	0983	14 AUG 1981	226	20:36:36	25.4	50309.1	5.9	21.7	-1.7	46.0
1717	NSSD50	11	210	229	0984	15 AUG 1981	227	20:35:26	26.9	50397.2	5.9	21.7	-1.6	47.6
1718	NSSD50	12	212	231	0985	16 AUG 1981	228	20:34:08	28.4	50455.6	5.9	21.7	-1.5	49.2
1720	NSSD50	13	212	225	0988	19 AUG 1981	231	20:30:11	32.8	50836.0	5.6	21.8	-1.3	53.9
1721	NSSD50	14	215	227	0989	20 AUG 1981	232	20:28:52	34.3	51013.0	5.5	21.9	-1.2	55.5
1722	NSSD51	1	210	220	0990	21 AUG 1981	233	20:27:24	35.8	51071.5	5.5	21.9	-1.1	57.1
1723	NSSD51	2	214	223	0991	22 AUG 1981	234	20:25:59	37.3	51244.2	5.3	21.9	-1.0	58.7
1724	NSSD51	3	206	210	0992	23 AUG 1981	235	20:24:21	38.8	51330.1	5.3	22.0	-0.9	60.3
1725	NSSD51	4	213	216	0993	24 AUG 1981	236	20:22:56	40.3	51501.1	5.2	22.0	-0.8	61.9
1727	NSSD51	5	197	208	0995	26 AUG 1981	238	21:02:49	44.6	48034.4	7.9	21.3	-0.6	65.1
1728	NSSD51	6	200	208	0996	27 AUG 1981	239	21:08:33	46.3	47476.9	8.4	21.2	-0.6	66.7
1729	NSSD51	7	201	209	0997	28 AUG 1981	240	21:06:48	47.8	47642.4	8.3	21.2	-0.5	68.3
1730	NSSD51	8	202	207	0998	29 AUG 1981	241	21:04:57	49.2	47807.2	8.1	21.3	-0.4	69.9
1731	NSSD51	9	203	206	0999	30 AUG 1981	242	21:03:13	50.7	47905.8	8.1	21.3	-0.3	71.5
1732	NSSD51	10	205	204	1000	31 AUG 1981	243	21:01:34	52.2	48101.5	7.9	21.3	-0.2	73.1
1733	NSSD51	11	205	202	1001	1 SEP 1981	244	20:59:39	53.7	48263.8	7.8	21.4	-0.1	74.7
1734	NSSD51	12	204	199	1002	2 SEP 1981	245	20:57:53	55.2	48428.7	7.7	21.4	0.0	76.2
1735	NSSD51	13	206	197	1003	3 SEP 1981	246	20:55:55	56.7	48622.0	7.5	21.5	0.1	77.8

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
1736	NSSD51	14	196	185	1004	4 SEP 1981	247	20:53:50	58.2	48781.5	7.4	21.5	0.2	79.4
1737	NSSD52	1	201	185	1005	5 SEP 1981	248	20:51:47	59.7	48940.0	7.3	21.6	0.3	81.0
1738	NSSD52	2	210	192	1006	6 SEP 1981	249	20:50:01	61.2	49035.1	7.2	21.6	0.4	82.6
1739	NSSD52	3	208	186	1007	7 SEP 1981	250	20:48:07	62.7	49223.4	7.1	21.7	0.5	84.2
1740	NSSD52	4	212	188	1008	8 SEP 1981	251	20:46:19	64.2	49348.5	7.0	21.7	0.6	85.8
1741	NSSD52	5	212	184	1009	9 SEP 1981	252	20:43:59	65.7	49626.7	6.8	21.8	0.7	87.3
1742	NSSD52	6	209	179	1010	10 SEP 1981	253	20:41:24	67.2	49780.5	6.6	21.8	0.8	88.9
1743	NSSD52	7	213	179	1011	11 SEP 1981	254	20:38:50	68.7	50024.0	6.4	21.9	0.8	90.5
1744	NSSD52	8	214	178	1012	12 SEP 1981	255	20:36:15	70.2	50178.6	6.3	21.9	0.9	92.1
1745	NSSD52	9	216	174	1013	13 SEP 1981	256	20:33:57	71.7	50389.4	6.2	22.0	1.0	93.7
1746	NSSD52	10	211	169	1014	14 SEP 1981	257	20:31:40	73.2	50568.2	6.0	22.0	1.1	95.2
1747	NSSD52	11	213	167	1015	15 SEP 1981	258	20:29:21	74.7	50716.4	5.9	22.1	1.2	96.8
1748	NSSD52	12	216	165	1016	16 SEP 1981	259	20:27:09	76.2	50863.6	5.8	22.1	1.3	98.4
1749	NSSD52	13	214	161	1017	17 SEP 1981	260	20:24:55	77.7	51096.9	5.6	22.2	1.4	100.0
1751	NSSD52	14	234	161	1019	19 SEP 1981	262	19:30:42	80.0	55086.7	2.3	23.0	1.5	103.1
1753	NSSD53	1	231	153	1021	21 SEP 1981	264	19:25:27	83.1	55421.1	2.1	23.1	1.7	106.2
1754	NSSD53	2	234	151	1022	22 SEP 1981	265	19:22:08	84.6	55586.0	1.9	23.2	1.8	107.8
1755	NSSD53	3	235	149	1023	23 SEP 1981	266	19:19:33	86.1	55795.6	1.7	23.2	1.9	109.4
1756	NSSD53	4	234	145	1024	24 SEP 1981	267	19:17:14	87.7	55888.2	1.6	23.2	1.9	111.0
1757	NSSD53	5	214	139	1025	25 SEP 1981	268	20:27:46	90.3	50664.1	5.9	22.1	2.0	112.6
1758	NSSD53	6	208	133	1026	26 SEP 1981	269	20:39:19	92.1	49612.6	6.7	21.9	2.1	114.2
1759	NSSD53	7	207	131	1027	27 SEP 1981	270	20:37:25	93.6	49796.1	6.6	21.9	2.2	115.8
1760	NSSD53	8	211	129	1028	28 SEP 1981	271	20:35:34	95.1	49947.9	6.4	22.0	2.2	117.4
1761	NSSD53	9	212	127	1029	29 SEP 1981	272	20:33:42	96.6	50068.6	6.3	22.0	2.3	119.0
1762	NSSD53	10	212	124	1030	30 SEP 1981	273	20:31:57	98.2	50248.6	6.2	22.0	2.4	120.5
1763	NSSD53	11	210	165	1030	1 OCT 1981	274	06:54:34	89.3	48232.6	-33.6	33.7	2.4	121.2
1764	NSSD53	12	264	140	1030	1 OCT 1981	274	13:12:53	94.5	65776.1	-14.7	27.6	2.4	121.6
1765	NSSD53	13	209	119	1031	1 OCT 1981	274	20:30:11	99.7	50308.0	6.1	22.1	2.4	122.1
1766	NSSD53	14	208	161	1031	2 OCT 1981	275	06:52:56	90.6	48070.2	-33.8	33.7	2.5	122.8
1768	NSSD54	1	213	118	1032	2 OCT 1981	275	20:28:41	101.3	50456.3	6.0	22.1	2.5	123.7
1769	NSSD54	2	202	153	1032	3 OCT 1981	276	06:51:38	91.9	48037.3	-33.8	33.8	2.5	124.4
1770	NSSD54	3	273	138	1032	3 OCT 1981	276	13:08:14	97.5	65749.5	-14.9	27.7	2.5	124.8
1771	NSSD54	4	212	114	1033	3 OCT 1981	276	20:27:12	102.8	50485.5	6.0	22.1	2.6	125.3
1772	NSSD54	5	209	156	1033	4 OCT 1981	277	06:50:13	93.2	47939.0	-33.9	33.8	2.6	126.0
1773	NSSD54	6	271	135	1033	4 OCT 1981	277	13:05:56	99.1	65721.4	-15.0	27.7	2.6	126.4
1774	NSSD54	7	215	112	1034	4 OCT 1981	277	20:25:40	104.3	50662.1	5.8	22.1	2.6	126.9
1775	NSSD54	8	208	152	1034	5 OCT 1981	278	06:48:48	94.5	47774.6	-34.0	33.9	2.7	127.5
1776	NSSD54	9	266	129	1034	5 OCT 1981	278	13:03:27	100.6	65707.7	-15.1	27.7	2.7	127.9
1777	NSSD54	10	215	110	1035	5 OCT 1981	278	20:23:51	105.9	50807.9	5.7	22.2	2.7	128.4
1778	NSSD54	11	209	150	1035	6 OCT 1981	279	06:47:12	95.8	47708.0	-34.1	33.9	2.7	129.1
1779	NSSD54	12	270	128	1035	6 OCT 1981	279	13:00:47	102.1	65679.9	-15.2	27.8	2.7	129.5
1780	NSSD54	13	215	107	1036	6 OCT 1981	279	20:22:14	107.4	50865.3	5.6	22.2	2.7	130.0
1781	NSSD54	14	205	144	1036	7 OCT 1981	280	06:45:29	97.1	47542.0	-34.2	34.0	2.8	130.7
1782	NSSD55	1	262	122	1036	7 OCT 1981	280	12:57:35	103.6	65650.6	-15.3	27.8	2.8	131.1
1783	NSSD55	2	216	104	1037	7 OCT 1981	280	20:19:41	109.0	51096.7	5.5	22.2	2.8	131.6
1784	NSSD55	3	191	134	1037	8 OCT 1981	281	06:42:56	98.4	47275.0	-34.4	34.0	2.8	132.3
1786	NSSD55	4	215	101	1038	8 OCT 1981	281	20:17:23	110.5	51239.6	5.3	22.2	2.8	133.2
1787	NSSD55	5	197	134	1038	9 OCT 1981	282	06:41:10	99.7	47206.9	-34.5	34.1	2.9	133.9
1788	NSSD55	6	254	112	1038	9 OCT 1981	282	12:50:47	106.6	65579.1	-15.6	27.9	2.9	134.3
1789	NSSD55	7	218	99	1039	9 OCT 1981	282	20:15:41	112.1	51353.0	5.3	22.3	2.9	134.7
1790	NSSD55	8	197	132	1039	10 OCT 1981	283	06:40:06	101.0	47105.0	-34.5	34.1	2.9	135.4
1791	NSSD55	9	252	109	1039	10 OCT 1981	283	12:50:00	108.1	65577.7	-15.6	27.9	2.9	135.8
1792	NSSD55	10	216	96	1040	10 OCT 1981	283	20:15:57	113.6	51351.5	5.3	22.3	2.9	136.3
1793	NSSD55	11	206	135	1040	11 OCT 1981	284	06:40:44	102.3	47137.1	-34.5	34.1	3.0	137.0
1794	NSSD55	12	273	115	1040	11 OCT 1981	284	12:50:23	109.6	65580.0	-15.6	27.9	3.0	137.4

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
1795	NSSD55	13	217	94	1041	11 OCT 1981	284	20:15:18	115.2	51321.3	5.3	22.3	3.0	137.9
1798	NSSD55	14	216	91	1042	12 OCT 1981	285	20:14:00	116.8	51376.7	5.2	22.3	3.0	139.5
1799	NSSD56	1	205	129	1042	13 OCT 1981	286	06:38:21	104.9	46999.1	-34.6	34.2	3.1	140.2
1800	NSSD56	2	268	109	1042	13 OCT 1981	286	12:46:22	112.6	65530.7	-15.7	27.9	3.1	140.6
1801	NSSD56	3	216	88	1043	13 OCT 1981	286	20:12:28	118.3	51545.7	5.1	22.3	3.1	141.1
1802	NSSD56	4	217	121	1043	14 OCT 1981	287	07:19:43	107.5	50683.8	-31.8	33.1	3.1	141.8
1803	NSSD56	5	200	121	1044	15 OCT 1981	288	06:36:19	107.4	46827.5	-34.8	34.3	3.1	143.3
1804	NSSD56	6	270	104	1044	15 OCT 1981	288	12:43:12	115.6	65496.3	-15.8	28.0	3.1	143.7
1805	NSSD56	7	219	84	1045	15 OCT 1981	288	20:10:28	121.4	51679.3	5.0	22.3	3.1	144.2
1806	NSSD56	8	200	119	1045	16 OCT 1981	289	06:35:26	108.7	46757.5	-34.8	34.3	3.2	144.9
1808	NSSD56	9	214	79	1046	16 OCT 1981	289	20:09:25	123.0	51733.3	4.9	22.3	3.2	145.8
1809	NSSD56	10	201	117	1046	17 OCT 1981	290	06:34:30	109.9	46653.1	-34.9	34.4	3.2	146.5
1810	NSSD56	11	269	99	1046	17 OCT 1981	290	12:40:09	118.6	65455.3	-16.0	28.0	3.2	146.9
1811	NSSD56	12	218	78	1047	17 OCT 1981	290	20:08:18	124.5	51787.2	4.9	22.3	3.2	147.4
1812	NSSD56	13	199	113	1047	18 OCT 1981	291	06:33:32	111.2	46582.5	-35.0	34.4	3.2	148.1
1813	NSSD56	14	266	95	1047	18 OCT 1981	291	12:38:32	120.1	65434.1	-16.0	28.0	3.2	148.5
1814	NSSD57	1	217	76	1048	18 OCT 1981	291	20:07:10	126.1	51840.7	4.8	22.3	3.2	149.0
1815	NSSD57	2	196	110	1048	19 OCT 1981	292	06:32:37	112.4	46511.6	-35.0	34.4	3.3	149.7
1817	NSSD57	3	218	74	1049	19 OCT 1981	292	20:06:16	127.7	51922.0	4.8	22.3	3.3	150.6
1818	NSSD57	4	195	108	1049	20 OCT 1981	293	06:31:57	113.6	46440.4	-35.1	34.5	3.3	151.3
1820	NSSD57	5	217	71	1050	20 OCT 1981	293	20:05:20	129.2	51974.9	4.7	22.3	3.3	152.2
1821	NSSD57	6	195	105	1050	21 OCT 1981	294	06:31:12	114.9	46437.7	-35.1	34.5	3.3	152.8
1822	NSSD57	7	269	89	1050	21 OCT 1981	294	12:34:41	124.6	65372.3	-16.2	28.1	3.3	153.2
1823	NSSD57	8	219	70	1051	21 OCT 1981	294	20:04:33	130.8	52055.4	4.7	22.3	3.3	153.7
1824	NSSD57	9	192	101	1051	22 OCT 1981	295	06:30:38	116.1	46331.8	-35.1	34.5	3.3	154.4
1825	NSSD57	10	266	86	1051	22 OCT 1981	295	12:33:40	126.1	65354.3	-16.2	28.1	3.3	154.8
1826	NSSD57	11	215	66	1052	22 OCT 1981	295	20:03:45	132.3	52135.5	4.6	22.3	3.3	155.3
1827	NSSD57	12	196	101	1052	23 OCT 1981	296	06:29:58	117.3	46259.9	-35.2	34.6	3.3	156.0
1829	NSSD57	13	217	65	1053	23 OCT 1981	296	20:02:52	133.9	52160.1	4.6	22.3	3.3	156.9
1830	NSSD57	14	195	99	1053	24 OCT 1981	297	06:29:16	118.6	46257.1	-35.2	34.6	3.4	157.6
1831	NSSD58	1	262	81	1053	24 OCT 1981	297	12:31:12	129.1	65327.5	-16.3	28.1	3.4	158.0
1832	NSSD58	2	212	62	1054	24 OCT 1981	297	20:01:52	135.5	52236.7	4.5	22.3	3.4	158.5
1833	NSSD58	3	193	96	1054	25 OCT 1981	298	06:28:31	119.7	46151.1	-35.3	34.6	3.4	159.2
1834	NSSD58	4	264	80	1054	25 OCT 1981	298	12:29:59	130.6	65293.1	-16.3	28.1	3.4	159.6
1835	NSSD58	5	216	62	1055	25 OCT 1981	298	20:01:06	137.0	52232.6	4.6	22.3	3.4	160.1
1836	NSSD58	6	191	94	1055	26 OCT 1981	299	06:28:00	120.9	46147.9	-35.3	34.7	3.4	160.8
1837	NSSD58	7	215	59	1056	26 OCT 1981	299	20:00:18	138.6	52311.6	4.5	22.3	3.4	161.7
1838	NSSD58	8	185	88	1056	27 OCT 1981	300	06:27:23	122.1	46075.3	-35.3	34.7	3.4	162.3
1839	NSSD58	9	260	75	1056	27 OCT 1981	300	12:27:59	133.5	65259.4	-16.4	28.2	3.4	162.7
1840	NSSD58	10	212	57	1057	27 OCT 1981	300	19:59:39	140.2	52362.9	4.5	22.3	3.4	163.2
1841	NSSD58	11	182	86	1057	28 OCT 1981	301	06:26:59	123.3	45967.6	-35.4	34.7	3.4	163.9
1842	NSSD58	12	254	71	1057	28 OCT 1981	301	12:27:10	135.0	65255.7	-16.4	28.2	3.4	164.3
1843	NSSD58	13	211	55	1058	28 OCT 1981	301	19:58:59	141.7	52441.2	4.4	22.4	3.4	164.8
1844	NSSD58	14	186	86	1058	29 OCT 1981	302	06:26:30	124.4	45964.2	-35.4	34.8	3.4	165.5
1845	NSSD59	1	258	71	1058	29 OCT 1981	302	12:26:15	136.5	65235.7	-16.4	28.2	3.4	165.9
1846	NSSD59	2	211	53	1059	29 OCT 1981	302	19:58:18	143.3	52437.6	4.4	22.3	3.4	166.4
1847	NSSD59	3	183	84	1059	30 OCT 1981	303	06:26:05	125.6	45960.8	-35.4	34.8	3.4	167.1
1848	NSSD59	4	250	67	1059	30 OCT 1981	303	12:25:38	138.0	65220.9	-16.5	28.2	3.4	167.5
1849	NSSD59	5	211	52	1060	30 OCT 1981	303	19:57:58	144.8	52515.5	4.4	22.3	3.4	168.0
1850	NSSD59	6	181	81	1060	31 OCT 1981	304	06:25:57	126.7	45887.5	-35.4	34.8	3.4	168.7
1851	NSSD59	7	244	64	1060	31 OCT 1981	304	12:25:15	139.4	65217.1	-16.5	28.2	3.4	169.1
1853	NSSD59	8	247	63	1061	1 NOV 1981	305	12:24:33	140.9	65196.6	-16.5	28.2	3.4	170.7
1854	NSSD59	9	208	49	1062	1 NOV 1981	305	19:56:57	147.9	52589.4	4.3	22.3	3.4	171.2
1855	NSSD59	10	177	77	1062	2 NOV 1981	306	06:25:17	129.0	45880.3	-35.4	34.9	3.4	171.9
1857	NSSD59	11	183	43	1063	2 NOV 1981	306	19:56:21	149.5	52585.6	4.3	22.3	3.4	172.8

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
1858	NSSD59	12	176	76	1063	3 NOV 1981	307	06:24:55	130.0	45771.9	-35.5	34.9	3.4	173.5
1859	NSSD59	13	243	60	1063	3 NOV 1981	307	12:23:02	143.8	65171.8	-16.5	28.2	3.4	173.9
1862	NSSD59	14	239	58	1064	4 NOV 1981	308	12:22:17	145.2	65150.9	-16.6	28.2	3.3	175.4
1864	NSSD60	1	172	68	1065	5 NOV 1981	309	06:43:32	133.4	47599.7	-34.1	34.3	3.3	176.7
1866	NSSD60	2	166	70	1066	6 NOV 1981	310	06:24:07	133.2	45761.6	-35.5	34.9	3.3	178.2
1867	NSSD60	3	227	54	1066	6 NOV 1981	310	12:21:09	148.0	65125.6	-16.6	28.3	3.3	178.6
1869	NSSD60	4	155	65	1067	7 NOV 1981	311	06:23:47	134.2	45652.7	-35.6	35.0	3.3	179.8
1870	NSSD60	5	212	49	1067	7 NOV 1981	311	12:20:20	149.4	65104.2	-16.6	28.3	3.3	-179.8
1873	NSSD60	6	200	46	1068	8 NOV 1981	312	12:19:34	150.8	65088.3	-16.6	28.3	3.3	-178.2
1875	NSSD60	7	153	63	1069	9 NOV 1981	313	06:23:13	136.2	45645.2	-35.6	35.0	3.2	-177.0
1876	NSSD60	8	212	48	1069	9 NOV 1981	313	12:09:02	151.8	64903.5	-17.1	28.4	3.2	-176.6
1878	NSSD60	9	148	61	1070	10 NOV 1981	314	06:23:01	137.2	45641.5	-35.6	35.0	3.2	-175.4
1879	NSSD60	10	173	40	1070	10 NOV 1981	314	12:18:29	153.5	65062.4	-16.7	28.3	3.2	-175.0
1881	NSSD60	11	144	60	1071	11 NOV 1981	315	06:22:50	138.0	45532.1	-35.6	35.1	3.2	-173.8
1882	NSSD60	12	170	38	1071	11 NOV 1981	315	12:17:53	154.7	65040.3	-16.7	28.3	3.2	-173.4
1884	NSSD60	13	139	58	1072	12 NOV 1981	316	06:22:35	138.9	45528.5	-35.6	35.1	3.2	-172.2
1885	NSSD60	14	162	36	1072	12 NOV 1981	316	12:17:12	156.0	65036.4	-16.7	28.3	3.1	-171.8
1887	NSSD61	1	131	55	1073	13 NOV 1981	317	06:22:23	139.7	45525.0	-35.6	35.1	3.1	-170.6
1888	NSSD61	2	142	33	1073	13 NOV 1981	317	12:16:37	157.3	65014.3	-16.7	28.3	3.1	-170.2
1890	NSSD61	3	137	57	1074	14 NOV 1981	318	06:22:11	140.5	45486.1	-35.6	35.1	3.1	-169.0
1891	NSSD61	4	149	33	1074	14 NOV 1981	318	12:16:00	158.5	65004.4	-16.7	28.3	3.1	-168.6
1893	NSSD61	5	132	38	1075	15 NOV 1981	319	09:40:00	153.1	59889.9	-23.7	30.6	3.0	-167.2
1894	NSSD61	6	63	31	1090	30 NOV 1981	334	10:02:32	158.7	60810.9	-22.5	30.2	2.2	-143.3
1896	NSSD61	7	78	58	1092	2 DEC 1981	336	07:42:46	151.2	52371.5	-30.0	32.8	2.0	-140.2
1898	NSSD61	8	121	37	1095	5 DEC 1981	339	10:00:45	154.8	60693.2	-22.5	30.1	1.8	-135.2
1899	NSSD61	9	127	37	1096	6 DEC 1981	340	10:00:35	153.9	60676.3	-22.6	30.1	1.7	-133.6
1901	NSSD61	10	118	50	1098	8 DEC 1981	342	07:41:27	147.4	52255.1	-30.0	32.8	1.5	-130.6
1902	NSSD61	11	160	44	1099	9 DEC 1981	343	10:00:00	150.6	60673.6	-22.5	30.1	1.4	-128.8
1903	NSSD61	12	131	51	1100	10 DEC 1981	344	07:41:17	145.7	52253.8	-30.0	32.7	1.4	-127.4
1904	NSSD61	13	129	47	1101	11 DEC 1981	345	07:41:18	144.7	52253.4	-30.0	32.7	1.3	-125.8
1906	NSSD61	14	195	52	1103	13 DEC 1981	347	10:03:05	145.8	60797.1	-22.3	30.0	1.1	-122.4
1907	NSSD61	15	200	54	1104	14 DEC 1981	348	10:06:37	144.5	60920.2	-22.2	30.0	1.0	-120.8
1908	NSSD61	16	164	57	1105	15 DEC 1981	349	07:43:01	140.6	52360.4	-29.9	32.6	0.9	-119.4
1909	NSSD61	17	209	58	1106	16 DEC 1981	350	10:03:16	141.8	60796.5	-22.3	30.0	0.8	-117.6
1910	NSSD61	18	174	61	1107	17 DEC 1981	351	07:44:08	138.4	52469.1	-29.8	32.6	0.7	-116.1
1911	NSSD61	19	181	63	1108	18 DEC 1981	352	07:44:58	137.2	52469.4	-29.8	32.5	0.6	-114.5
1912	NSSD61	20	185	66	1109	19 DEC 1981	353	07:45:41	136.0	52550.9	-29.7	32.5	0.5	-112.9
1913	NSSD61	21	187	67	1110	20 DEC 1981	354	07:46:12	134.8	52632.0	-29.6	32.5	0.4	-111.3
1914	NSSD61	22	196	71	1111	21 DEC 1981	355	07:47:11	133.6	52712.9	-29.6	32.4	0.3	-109.7
1915	NSSD61	23	196	72	1112	22 DEC 1981	356	07:48:08	132.3	52793.6	-29.5	32.4	0.3	-108.1
1916	NSSD61	24	194	73	1113	23 DEC 1981	357	07:49:08	131.1	52873.9	-29.4	32.4	0.2	-106.5
1917	NSSD61	25	202	77	1114	24 DEC 1981	358	07:50:18	129.8	52953.3	-29.4	32.3	0.1	-104.9
1918	NSSD61	26	204	78	1115	25 DEC 1981	359	07:51:27	128.5	53033.5	-29.3	32.3	0.0	-103.2
1919	NSSD61	27	203	81	1116	26 DEC 1981	360	07:52:51	127.1	53113.3	-29.2	32.2	-0.1	-101.6
1922	NSSD61	28	182	82	1119	29 DEC 1981	363	07:57:10	123.1	53506.6	-28.9	32.1	-0.4	-96.8
1925	NSSD61	29	207	96	1122	1 JAN 1982	001	07:27:55	118.9	51259.0	-30.7	32.7	-0.7	-92.0
1926	NSSD61	30	205	96	1123	2 JAN 1982	002	07:29:34	117.5	51430.2	-30.6	32.6	-0.8	-90.4
1927	NSSD61	31	210	102	1124	3 JAN 1982	003	07:31:33	116.1	51599.4	-30.5	32.6	-0.9	-88.7
1928	NSSD61	32	212	105	1126	4 JAN 1982	004	07:33:50	114.7	51768.1	-30.3	32.6	-1.0	-87.1
1935	NSSD61	33	224	127	1132	11 JAN 1982	011	07:52:04	104.7	53362.9	-29.1	32.1	-1.6	-75.8
1936	NSSD61	34	225	130	1133	12 JAN 1982	012	07:55:21	103.2	53596.1	-28.9	32.0	-1.7	-74.1
1937	NSSD61	35	226	133	1134	13 JAN 1982	013	07:58:49	101.8	53826.4	-28.7	31.9	-1.8	-72.5
1938	NSSD61	36	241	128	1135	14 JAN 1982	014	10:28:35	98.8	62037.8	-20.9	29.4	-1.9	-70.7
1940	NSSD61	37	259	135	1137	15 JAN 1982	015	13:51:32	95.3	65775.7	-12.2	27.0	-1.9	-68.9
1942	NSSD61	38	217	144	1137	16 JAN 1982	016	07:20:54	97.9	50953.9	-31.0	32.7	-2.0	-67.7

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
1943	NSSD61	39	269	143	1138	16 JAN 1982	016	13:57:45	93.6	65767.7	-11.9	26.9	-2.0	-67.3
1945	NSSD61	40	217	147	1138	17 JAN 1982	017	07:24:26	96.4	51298.2	-30.8	32.6	-2.1	-66.1
1946	NSSD61	41	270	147	1139	17 JAN 1982	017	14:03:10	92.0	65752.1	-11.7	26.8	-2.1	-65.6
1947	NSSD61	42	207	143	1139	17 JAN 1982	017	20:35:27	87.2	49090.7	7.9	21.7	-2.1	-65.2
1948	NSSD61	43	220	151	1139	18 JAN 1982	018	07:27:44	94.9	51581.4	-30.6	32.6	-2.2	-64.4
1949	NSSD61	44	270	151	1140	18 JAN 1982	018	14:08:48	90.3	65732.0	-11.4	26.8	-2.2	-64.0
1951	NSSD61	45	221	155	1140	19 JAN 1982	019	07:31:47	93.4	51888.9	-30.3	32.5	-2.2	-62.8
1952	NSSD61	46	270	154	1141	19 JAN 1982	019	14:14:44	88.7	65704.0	-11.2	26.7	-2.3	-62.4
1953	NSSD61	47	204	150	1141	19 JAN 1982	019	20:41:54	83.9	48525.3	8.4	21.6	-2.3	-61.9
1954	NSSD61	48	160	128	1141	20 JAN 1982	020	07:24:05	92.1	51355.3	-30.7	32.6	-2.3	-61.2
1960	NSSD61	49	215	156	1143	21 JAN 1982	021	20:08:19	81.2	51265.1	6.2	22.2	-2.4	-58.7
1961	NSSD61	50	205	160	1143	22 JAN 1982	022	06:40:55	90.1	47594.6	-33.7	33.7	-2.4	-58.0
1962	NSSD61	51	267	160	1143	22 JAN 1982	022	12:15:52	85.2	65022.6	-16.2	28.1	-2.5	-57.6
1963	NSSD61	52	213	159	1144	22 JAN 1982	022	20:12:10	79.6	50920.3	6.4	22.1	-2.5	-57.1
1964	NSSD61	53	206	163	1144	23 JAN 1982	023	06:44:34	88.6	47985.4	-33.4	33.6	-2.5	-56.4
1965	NSSD61	54	267	163	1144	23 JAN 1982	023	12:22:08	83.5	65135.9	-15.9	28.0	-2.5	-56.0
1967	NSSD61	55	268	167	1145	24 JAN 1982	024	12:27:29	81.9	65214.4	-15.6	27.9	-2.6	-54.4
1968	NSSD61	56	211	165	1146	24 JAN 1982	024	20:18:47	76.3	50392.9	6.8	22.0	-2.6	-53.8
1971	NSSD61	57	211	168	1147	25 JAN 1982	025	20:21:52	74.6	50094.9	7.1	21.9	-2.7	-52.2
1972	NSSD61	58	209	173	1147	26 JAN 1982	026	06:53:44	84.2	48843.9	-32.8	33.4	-2.7	-51.5
1973	NSSD61	59	262	169	1147	26 JAN 1982	026	12:38:01	78.6	65368.4	-15.2	27.8	-2.7	-51.1
1974	NSSD61	60	203	169	1149	27 JAN 1982	027	20:28:11	71.3	49487.9	7.6	21.8	-2.8	-48.9
1976	NSSD61	61	266	178	1149	28 JAN 1982	028	12:48:35	75.3	65485.6	-14.7	27.7	-2.8	-47.8
1977	NSSD61	62	208	176	1150	28 JAN 1982	028	20:30:51	69.7	49271.5	7.7	21.7	-2.8	-47.3
1978	NSSD61	63	212	183	1150	29 JAN 1982	029	07:03:13	79.8	49795.6	-32.0	33.1	-2.9	-46.6
1979	NSSD61	64	267	182	1150	29 JAN 1982	029	12:53:52	73.7	65533.0	-14.5	27.6	-2.9	-46.2
1980	NSSD61	65	211	178	1151	29 JAN 1982	029	20:12:33	68.3	50798.1	6.5	22.1	-2.9	-45.7
1981	NSSD61	66	215	187	1151	30 JAN 1982	030	07:07:03	78.3	50154.8	-31.7	33.1	-2.9	-45.0
1982	NSSD61	67	268	185	1151	30 JAN 1982	030	13:00:04	72.0	65596.0	-14.2	27.6	-2.9	-44.6
1983	NSSD61	68	204	182	1152	30 JAN 1982	030	20:37:25	66.4	48612.6	8.2	21.6	-2.9	-44.1
1984	NSSD61	69	211	189	1153	1 FEB 1982	032	07:14:35	75.3	50770.2	-31.3	32.9	-3.0	-41.7
1985	NSSD62	1	261	186	1153	1 FEB 1982	032	13:11:30	68.7	65671.3	-13.8	27.4	-3.0	-41.3
1986	NSSD62	2	209	187	1154	1 FEB 1982	032	20:22:21	63.4	49905.8	7.2	21.9	-3.0	-40.8
1987	NSSD62	3	217	196	1154	2 FEB 1982	033	07:17:22	73.8	51057.6	-31.0	32.8	-3.0	-40.1
1988	NSSD62	4	268	194	1154	2 FEB 1982	033	13:16:04	67.0	65699.9	-13.5	27.4	-3.1	-39.7
1990	NSSD62	5	164	169	1155	3 FEB 1982	034	07:20:42	72.3	51284.7	-30.8	32.8	-3.1	-38.5
1991	NSSD62	6	269	195	1155	3 FEB 1982	034	11:47:26	66.8	64520.4	-17.3	28.4	-3.1	-38.2
1992	NSSD62	7	221	194	1156	3 FEB 1982	034	19:52:27	60.5	52309.3	5.3	22.4	-3.1	-37.6
1993	NSSD62	8	205	202	1157	5 FEB 1982	036	06:27:37	71.4	46609.2	-34.6	34.2	-3.2	-35.3
1994	NSSD62	9	269	201	1157	5 FEB 1982	036	11:54:50	63.5	64663.7	-17.0	28.4	-3.2	-34.9
1998	NSSD62	10	186	217	1165	13 FEB 1982	044	06:03:33	62.1	44334.2	-36.3	35.1	-3.4	-22.3
1999	NSSD62	11	191	226	1167	15 FEB 1982	046	06:05:59	59.5	44547.7	-36.2	35.0	-3.4	-19.0
2000	NSSD62	12	192	232	1169	17 FEB 1982	048	06:08:34	56.9	44830.1	-36.0	35.0	-3.4	-15.8
2001	NSSD62	13	188	231	1171	19 FEB 1982	050	06:10:11	54.4	45074.0	-35.8	34.9	-3.4	-12.5
2002	NSSD62	14	192	241	1173	21 FEB 1982	052	06:12:19	51.9	45280.3	-35.6	34.9	-3.4	-9.3
2003	NSSD62	15	187	241	1175	23 FEB 1982	054	06:14:30	49.5	45449.6	-35.4	34.9	-3.4	-6.1
2004	NSSD62	16	178	231	1177	25 FEB 1982	056	06:15:56	47.3	45548.9	-35.3	34.8	-3.3	-2.8
2005	NSSD62	17	186	247	1179	27 FEB 1982	058	06:17:26	45.0	45751.4	-35.1	34.8	-3.3	0.4
2006	NSSD62	18	187	251	1181	1 MAR 1982	060	06:18:27	42.9	45848.5	-35.0	34.8	-3.2	3.7
2007	NSSD62	19	178	248	1182	2 MAR 1982	061	06:08:10	42.8	44784.9	-35.9	35.1	-3.2	5.3
2010	NSSD62	20	184	254	1185	5 MAR 1982	064	06:07:05	40.2	44666.5	-35.9	35.2	-3.1	10.1
2011	NSSD62	21	186	260	1186	6 MAR 1982	065	06:07:13	39.4	44663.1	-35.9	35.2	-3.1	11.7
2012	NSSD62	22	188	264	1187	7 MAR 1982	066	06:07:12	38.6	44659.8	-35.9	35.2	-3.0	13.3
2013	NSSD62	23	188	266	1188	8 MAR 1982	067	06:07:23	37.9	44620.4	-35.9	35.2	-3.0	15.0
2014	NSSD62	24	187	266	1189	9 MAR 1982	068	06:07:30	37.2	44617.5	-35.9	35.2	-2.9	16.6

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK	CENTER DATE	TIME DOY	S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
2015	NSSD62	25	187	267	1190	10	MAR 1982	069	06:07:47	36.6	44615.2	-35.9	35.2	-2.9	18.2
2016	NSSD62	26	184	266	1191	11	MAR 1982	070	06:07:50	36.0	44612.3	-35.9	35.2	-2.8	19.8
2018	NSSD62	27	236	152	1251	10	MAY 1982	130	09:16:59	86.5	59125.2	-23.5	30.3	2.2	115.5
2020	NSSD62	28	244	154	1252	11	MAY 1982	131	09:15:56	88.0	59089.1	-23.5	30.3	2.2	117.1
2022	NSSD62	29	241	149	1253	12	MAY 1982	132	09:14:57	89.4	59052.7	-23.6	30.3	2.3	118.7
2024	NSSD62	30	240	142	1254	13	MAY 1982	133	09:45:16	91.3	60559.5	-22.0	29.8	2.4	120.3
2025	NSSD62	31	259	143	1255	14	MAY 1982	134	10:58:47	93.7	63285.4	-18.6	28.8	2.4	122.0
2026	NSSD62	32	248	134	1256	15	MAY 1982	135	10:57:09	95.2	63264.3	-18.7	28.9	2.5	123.5
2027	NSSD62	33	260	138	1257	16	MAY 1982	136	10:55:31	96.7	63221.2	-18.7	28.9	2.6	125.1
2029	NSSD62	34	252	132	1258	17	MAY 1982	137	10:41:08	98.1	62774.2	-19.4	29.1	2.6	126.7
2031	NSSD62	35	256	132	1259	18	MAY 1982	138	10:38:13	99.5	62679.4	-19.5	29.1	2.7	128.3
2032	NSSD62	36	254	129	1260	19	MAY 1982	139	10:36:30	101.0	62630.8	-19.6	29.1	2.7	129.8
2034	NSSD62	37	257	127	1261	20	MAY 1982	140	10:34:41	102.5	62557.6	-19.7	29.2	2.8	131.4
2036	NSSD62	38	255	123	1262	21	MAY 1982	141	10:32:52	103.9	62495.5	-19.8	29.2	2.8	133.0
2037	NSSD62	39	190	137	1263	22	MAY 1982	142	06:01:06	99.6	44731.9	-35.7	34.6	2.9	134.3
2039	NSSD62	40	258	117	1264	23	MAY 1982	143	11:01:02	107.4	63431.7	-18.4	28.8	2.9	136.2
2041	NSSD62	41	255	115	1265	24	MAY 1982	144	10:26:20	108.4	62305.0	-20.0	29.3	3.0	137.7
2042	NSSD62	42	160	118	1266	25	MAY 1982	145	05:57:18	103.3	44402.8	-36.0	34.7	3.0	139.0
2043	NSSD62	43	248	111	1266	25	MAY 1982	145	10:24:26	109.8	62240.5	-20.1	29.3	3.0	139.3
2044	NSSD62	44	255	110	1267	26	MAY 1982	146	10:22:05	111.3	62175.2	-20.2	29.3	3.1	140.9
2048	NSSD62	45	251	104	1269	28	MAY 1982	148	10:16:39	114.1	61962.3	-20.4	29.4	3.1	144.1
2050	NSSD62	46	246	99	1270	29	MAY 1982	149	10:13:37	115.6	61853.2	-20.6	29.5	3.2	145.6
2052	NSSD62	47	251	100	1271	30	MAY 1982	150	10:10:58	117.0	61742.5	-20.7	29.5	3.2	147.2
2054	NSSD62	48	249	96	1272	31	MAY 1982	151	10:08:22	118.4	61671.4	-20.8	29.6	3.2	148.8
2056	NSSD62	49	245	92	1273	1	JUN 1982	152	10:06:29	119.8	61585.8	-20.9	29.6	3.3	150.4
2057	NSSD62	50	247	91	1274	2	JUN 1982	153	10:04:17	121.3	61527.1	-21.0	29.6	3.3	152.0
2059	NSSD62	51	246	89	1275	3	JUN 1982	154	10:02:11	122.7	61439.7	-21.1	29.7	3.3	153.5
2061	NSSD62	52	242	85	1276	4	JUN 1982	155	09:59:56	124.1	61308.1	-21.2	29.7	3.3	155.1
2063	NSSD62	53	244	84	1277	5	JUN 1982	156	09:57:59	125.5	61247.5	-21.3	29.7	3.3	156.7
2064	NSSD62	54	235	80	1278	6	JUN 1982	157	09:56:22	126.9	61201.2	-21.3	29.8	3.4	158.3
2069	NSSD62	55	236	75	1281	9	JUN 1982	160	09:50:24	131.1	60954.1	-21.6	29.9	3.4	163.0
2071	NSSD62	56	234	73	1282	10	JUN 1982	161	09:48:41	132.4	60860.2	-21.7	29.9	3.4	164.6
2073	NSSD63	1	234	71	1283	11	JUN 1982	162	09:46:59	133.8	60765.3	-21.8	29.9	3.4	166.2
2075	NSSD63	2	231	69	1284	12	JUN 1982	163	09:45:17	135.2	60731.0	-21.8	30.0	3.4	167.8
2079	NSSD63	3	224	64	1286	14	JUN 1982	165	09:42:19	137.8	60600.2	-21.9	30.0	3.4	171.0
2081	NSSD63	4	214	60	1287	15	JUN 1982	166	09:41:02	139.2	60550.4	-22.0	30.0	3.4	172.6
2082	NSSD63	5	215	59	1288	16	JUN 1982	167	09:39:47	140.5	60452.9	-22.1	30.1	3.4	174.2
2086	NSSD63	6	206	55	1290	18	JUN 1982	169	09:36:34	143.0	60318.1	-22.2	30.1	3.3	177.3
2088	NSSD63	7	207	54	1291	19	JUN 1982	170	09:35:23	144.3	60266.2	-22.2	30.1	3.3	178.9
2089	NSSD63	8	197	51	1292	20	JUN 1982	171	09:34:14	145.5	60214.0	-22.3	30.2	3.3	-179.5
2091	NSSD63	9	189	49	1293	21	JUN 1982	172	09:33:09	146.8	60145.4	-22.3	30.2	3.3	-177.9
2093	NSSD63	10	189	48	1294	22	JUN 1982	173	09:31:58	147.9	60060.1	-22.4	30.2	3.2	-176.3
2094	NSSD63	11	132	58	1296	24	JUN 1982	175	05:42:07	136.9	42946.9	-37.0	35.7	3.2	-173.4
2096	NSSD63	12	142	36	1297	25	JUN 1982	176	09:59:05	152.6	61263.2	-21.0	29.8	3.1	-171.5
2097	NSSD63	13	116	59	1298	26	JUN 1982	177	05:29:25	137.4	41508.6	-38.2	36.2	3.1	-170.2
2098	NSSD63	14	160	40	1298	26	JUN 1982	177	09:58:29	153.7	61216.5	-21.1	29.8	3.1	-169.9
2099	NSSD63	15	111	58	1299	27	JUN 1982	178	05:29:02	138.2	41505.5	-38.2	36.2	3.1	-168.6
2100	NSSD63	16	130	34	1299	27	JUN 1982	178	09:57:43	154.8	61184.3	-21.1	29.8	3.1	-168.3
2101	NSSD63	17	106	57	1300	28	JUN 1982	179	05:28:31	138.8	41344.4	-38.3	36.3	3.0	-167.0
2102	NSSD63	18	132	34	1300	28	JUN 1982	179	09:56:48	155.8	61123.2	-21.1	29.8	3.0	-166.7
2103	NSSD63	19	111	57	1301	29	JUN 1982	180	05:28:08	139.5	41341.4	-38.3	36.3	3.0	-165.4
2104	NSSD63	20	111	30	1301	29	JUN 1982	180	09:56:03	156.7	61119.8	-21.1	29.8	3.0	-165.1
2110	NSSD63	21	142	31	1319	16	JUL 1982	197	19:49:05	157.1	51457.9	7.3	21.7	1.9	-137.3
2121	NSSD63	22	188	45	1325	22	JUL 1982	203	19:53:08	148.1	51201.5	7.6	21.7	1.4	-127.7
2125	NSSD63	23	181	45	1327	24	JUL 1982	205	19:55:29	145.0	51031.4	7.8	21.6	1.2	-124.5

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
2127	NSSD63	24	199	51	1328	25 JUL 1982	206	19:56:36	143.5	50974.5	7.8	21.6	1.1	-122.9
2129	NSSD63	25	200	53	1329	26 JUL 1982	207	19:57:33	141.9	50892.0	7.9	21.6	1.0	-121.3
2134	NSSD63	26	205	61	1333	30 JUL 1982	211	20:02:31	135.6	50462.1	8.3	21.6	0.6	-114.8
2136	NSSD63	27	204	62	1334	31 JUL 1982	212	20:04:17	134.0	50316.9	8.5	21.5	0.6	-113.2
2138	NSSD63	28	205	65	1335	1 AUG 1982	213	20:05:40	132.4	50229.7	8.6	21.5	0.5	-111.6
2143	NSSD63	29	205	71	1338	4 AUG 1982	216	20:10:12	127.6	49788.1	8.9	21.4	0.2	-106.8
2146	NSSD63	30	201	75	1340	6 AUG 1982	218	20:13:37	124.4	49493.6	9.2	21.4	0.0	-103.5
2148	NSSD63	31	203	78	1341	7 AUG 1982	219	20:15:40	122.8	49312.7	9.4	21.4	-0.1	-101.9
2150	NSSD63	32	205	81	1342	8 AUG 1982	220	20:17:23	121.2	49161.2	9.5	21.3	-0.2	-100.3
2152	NSSD63	33	202	82	1343	9 AUG 1982	221	20:19:20	119.6	48947.2	9.7	21.3	-0.3	-98.7
2154	NSSD63	34	221	87	1345	11 AUG 1982	223	19:05:43	118.1	54702.7	4.8	22.6	-0.5	-95.6
2156	NSSD63	35	218	92	1347	13 AUG 1982	225	19:10:50	114.8	54319.1	5.2	22.6	-0.7	-92.3
2158	NSSD63	36	223	97	1348	14 AUG 1982	226	19:13:28	113.2	54100.1	5.4	22.5	-0.8	-90.7
2160	NSSD63	37	222	99	1349	15 AUG 1982	227	19:16:04	111.5	53878.4	5.5	22.5	-0.9	-89.1
2164	NSSD63	38	220	107	1352	18 AUG 1982	230	19:24:42	106.6	53277.7	6.1	22.4	-1.1	-84.2
2166	NSSD63	39	211	110	1354	20 AUG 1982	232	19:29:18	103.3	52864.7	6.4	22.3	-1.3	-81.0
2168	NSSD63	40	218	116	1355	21 AUG 1982	233	19:31:28	101.7	52707.9	6.5	22.3	-1.4	-79.4
2170	NSSD63	41	217	119	1356	22 AUG 1982	234	19:34:23	100.1	52443.3	6.8	22.2	-1.5	-77.7
2171	NSSD63	42	254	123	1358	24 AUG 1982	236	15:31:49	100.0	64095.1	-5.8	25.4	-1.7	-74.8
2173	NSSD63	43	214	128	1359	25 AUG 1982	237	19:42:18	95.1	51767.5	7.3	22.1	-1.7	-72.9
2174	NSSD63	44	219	131	1360	26 AUG 1982	238	19:21:39	93.9	53361.0	6.0	22.4	-1.8	-71.3
2176	NSSD63	45	210	132	1361	27 AUG 1982	239	19:47:16	91.9	51351.8	7.6	22.0	-1.9	-69.6
2178	NSSD63	46	209	135	1362	28 AUG 1982	240	19:49:46	90.2	51155.0	7.8	22.0	-2.0	-68.0
2180	NSSD63	47	210	139	1363	29 AUG 1982	241	19:52:42	88.6	50899.6	8.0	21.9	-2.1	-66.4
2183	NSSD63	48	256	147	1365	31 AUG 1982	243	16:00:10	88.3	63308.0	-4.5	25.1	-2.2	-63.4
2184	NSSD63	49	197	145	1366	1 SEP 1982	244	20:21:45	83.4	48344.8	10.1	21.4	-2.3	-61.5
2185	NSSD63	50	193	146	1367	2 SEP 1982	245	20:24:05	81.7	48058.8	10.3	21.3	-2.4	-59.8
2186	NSSD63	51	195	149	1368	3 SEP 1982	246	20:26:19	80.1	47866.3	10.5	21.3	-2.4	-58.2
2187	NSSD63	52	198	157	1369	4 SEP 1982	247	20:28:41	78.5	47672.5	10.6	21.2	-2.5	-56.6
2192	NSSD63	53	202	169	1374	9 SEP 1982	252	19:51:19	71.0	50751.8	8.1	21.9	-2.8	-48.5
2193	NSSD63	54	213	173	1375	10 SEP 1982	253	19:28:29	69.7	52521.5	6.6	22.3	-2.8	-46.9
2195	NSSD63	55	214	183	1378	13 SEP 1982	256	19:35:24	64.8	51924.0	7.1	22.1	-3.0	-42.0
2196	NSSD63	56	212	185	1379	14 SEP 1982	257	19:37:37	63.2	51782.5	7.2	22.1	-3.0	-40.4
2203	NSSD63	57	211	129	1476	20 DEC 1982	354	19:15:45	92.5	52846.8	7.1	22.3	2.1	115.1
2205	NSSD63	58	211	128	1477	21 DEC 1982	355	19:34:15	94.4	51365.2	8.4	21.9	2.2	116.7
2217	NSSD63	59	197	70	1498	11 JAN 1983	011	19:48:15	127.0	49752.3	9.6	21.5	3.3	149.9
2219	NSSD63	60	200	68	1499	12 JAN 1983	012	19:45:31	128.5	50015.9	9.4	21.6	3.3	151.5
2221	NSSD63	61	201	63	1502	15 JAN 1983	015	19:36:53	133.1	50700.3	8.8	21.7	3.3	156.2
2223	NSSD63	62	203	62	1503	16 JAN 1983	016	19:34:17	134.6	50840.1	8.7	21.7	3.4	157.8
2252	NSSD63	63	144	57	1556	11 MAR 1983	070	06:04:40	137.8	46727.9	-32.6	33.8	0.8	-116.9
2253	NSSD63	64	136	61	1557	12 MAR 1983	071	05:29:46	135.5	43219.3	-35.6	34.9	0.7	-115.3
2255	NSSD63	65	143	63	1558	13 MAR 1983	072	05:29:54	134.4	43220.0	-35.6	34.9	0.6	-113.7
2256	NSSD63	66	217	59	1558	13 MAR 1983	072	10:07:00	139.1	61953.0	-18.2	29.0	0.6	-113.4
2257	NSSD63	67	153	61	1559	14 MAR 1983	073	06:05:22	134.5	46828.2	-32.5	33.7	0.5	-112.1
2259	NSSD63	68	154	68	1561	16 MAR 1983	075	05:30:39	131.2	43370.6	-35.5	34.8	0.3	-108.9
2260	NSSD63	69	234	69	1561	16 MAR 1983	075	10:09:17	134.6	62042.3	-18.1	28.9	0.3	-108.6
2261	NSSD63	70	155	71	1562	17 MAR 1983	076	05:31:00	130.1	43482.3	-35.4	34.7	0.2	-107.3
2262	NSSD63	71	233	70	1562	17 MAR 1983	076	10:10:15	133.1	62080.1	-18.0	28.9	0.2	-107.0
2263	NSSD63	72	172	71	1563	18 MAR 1983	077	06:06:58	129.8	46963.7	-32.4	33.6	0.1	-105.6
2264	NSSD63	73	160	75	1564	19 MAR 1983	078	05:31:58	127.8	43521.2	-35.3	34.7	0.0	-104.0
2265	NSSD63	74	238	75	1564	19 MAR 1983	078	10:12:43	130.1	62155.2	-17.9	28.9	0.0	-103.7
2266	NSSD63	75	161	77	1565	20 MAR 1983	079	05:32:14	126.7	43632.5	-35.2	34.6	-0.1	-102.4
2267	NSSD63	76	240	77	1565	20 MAR 1983	079	10:13:30	128.6	62192.5	-17.9	28.9	-0.1	-102.1
2268	NSSD63	77	179	78	1566	21 MAR 1983	080	06:08:15	126.0	47163.0	-32.2	33.5	-0.2	-100.8
2269	NSSD63	78	167	82	1567	22 MAR 1983	081	05:32:52	124.2	43670.2	-35.2	34.6	-0.3	-99.2

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
2271	NSSD63	79	171	85	1568	23 MAR 1983	082	05:33:21	123.0	43781.0	-35.1	34.5	-0.4	-97.6
2272	NSSD63	80	234	81	1568	23 MAR 1983	082	10:16:53	124.0	62313.9	-17.7	28.8	-0.4	-97.3
2279	NSSD63	81	247	95	1572	27 MAR 1983	086	10:23:20	117.8	62571.1	-17.4	28.7	-0.8	-98.8
2285	NSSD63	82	183	107	1576	31 MAR 1983	090	05:38:45	112.7	44476.0	-34.5	34.2	-1.1	-84.7
2286	NSSD63	83	251	106	1576	31 MAR 1983	090	10:29:37	111.5	62794.7	-17.0	28.6	-1.1	-84.3
2287	NSSD63	84	184	111	1577	1 APR 1983	091	05:39:24	111.4	44584.0	-34.4	34.1	-1.2	-83.0
2288	NSSD63	85	250	109	1577	1 APR 1983	091	10:31:15	109.9	62849.0	-16.9	28.6	-1.2	-82.7
2289	NSSD63	86	185	114	1578	2 APR 1983	092	05:40:11	110.0	44726.7	-34.3	34.1	-1.3	-81.4
2290	NSSD63	87	253	113	1578	2 APR 1983	092	10:33:02	108.3	62923.1	-16.8	28.5	-1.3	-81.1
2291	NSSD63	88	195	112	1579	3 APR 1983	093	06:18:31	108.5	48356.2	-31.3	33.0	-1.4	-79.8
2318	NSSD63	89	238	159	1596	19 APR 1983	109	16:32:29	77.4	61170.6	-0.5	24.3	-2.6	-53.1
2319	NSSD63	90	245	162	1597	20 APR 1983	110	15:31:07	76.4	63206.3	-3.4	25.0	-2.7	-51.6
2321	NSSD64	1	229	153	1598	21 APR 1983	111	15:32:39	74.8	63166.2	-3.3	25.0	-2.7	-49.9
2323	NSSD64	2	236	167	1599	22 APR 1983	112	16:36:52	72.5	60954.0	-0.2	24.2	-2.8	-48.2
2324	NSSD64	3	239	171	1600	23 APR 1983	113	16:38:08	70.8	60880.0	-0.1	24.2	-2.9	-46.6
2325	NSSD64	4	246	174	1601	24 APR 1983	114	15:37:11	69.9	63001.1	-3.1	24.9	-2.9	-45.1
2329	NSSD64	5	243	178	1604	27 APR 1983	117	15:41:51	65.0	62861.4	-2.8	24.9	-3.0	-40.2
2331	NSSD64	6	236	182	1605	28 APR 1983	118	16:45:18	62.6	60516.7	0.3	24.1	-3.1	-38.5
2332	NSSD64	7	238	188	1606	29 APR 1983	119	16:46:30	61.0	60454.0	0.3	24.1	-3.1	-36.8
2333	NSSD64	8	245	188	1607	30 APR 1983	120	15:45:45	60.0	62705.4	-2.6	24.8	-3.2	-35.3
2335	NSSD64	9	195	198	1608	2 MAY 1983	122	05:58:27	68.3	47193.6	-32.4	33.5	-3.2	-32.7
2337	NSSD64	10	194	210	1613	7 MAY 1983	127	06:02:06	61.4	47634.8	-32.0	33.4	-3.3	-24.6
2338	NSSD64	11	191	200	1614	7 MAY 1983	127	19:39:15	46.9	49414.8	10.7	21.3	-3.3	-23.7
2339	NSSD64	12	195	215	1615	9 MAY 1983	129	06:03:05	58.7	47725.2	-31.9	33.4	-3.4	-21.3
2340	NSSD64	13	200	228	1622	16 MAY 1983	136	06:25:51	48.5	49703.4	-30.2	32.9	-3.4	-9.9
2342	NSSD64	14	184	239	1629	23 MAY 1983	143	05:46:42	42.7	46208.5	-33.1	34.1	-3.3	1.4
2343	NSSD64	15	199	228	1634	27 MAY 1983	147	19:28:45	18.3	50199.0	10.3	21.2	-3.1	8.8
2344	NSSD64	16	196	230	1638	31 MAY 1983	151	19:47:03	15.7	48573.6	11.7	20.8	-3.0	15.2
2345	NSSD64	17	199	227	1639	1 JUN 1983	152	19:25:45	13.8	50444.2	10.1	21.2	-2.9	16.8
2347	NSSD64	18	180	248	1643	6 JUN 1983	157	05:47:16	31.7	46205.7	-32.9	34.1	-2.7	24.0
2348	NSSD64	19	230	223	1645	8 JUN 1983	159	12:06:07	9.4	64811.7	-12.0	27.3	-2.5	27.6
2351	NSSD64	20	179	250	1649	12 JUN 1983	163	05:44:22	30.8	45857.8	-33.1	34.2	-2.3	33.6
2352	NSSD64	21	170	249	1655	18 JUN 1983	169	05:23:15	33.9	43705.8	-34.8	34.8	-1.8	43.2
2354	NSSD64	22	182	225	1665	28 JUN 1983	179	06:11:47	38.7	48321.6	-30.8	33.2	-1.0	59.2
2355	NSSD64	23	181	223	1672	5 JUL 1983	186	05:46:41	47.2	46057.6	-32.7	33.7	-0.3	70.3
2356	NSSD64	24	153	152	1681	13 JUL 1983	194	20:09:46	64.2	46555.9	14.1	20.5	0.5	84.0
2357	NSSD64	25	167	161	1684	16 JUL 1983	197	20:23:12	69.1	45131.7	15.3	20.2	0.7	88.7
2362	NSSD64	26	205	142	1696	28 JUL 1983	209	19:17:37	85.8	50771.9	10.4	21.6	1.8	107.6
2363	NSSD64	27	199	129	1699	31 JUL 1983	212	19:10:47	90.3	51249.1	10.0	21.7	2.0	112.4
2365	NSSD64	28	204	120	1701	2 AUG 1983	214	14:35:04	90.0	64162.9	-4.7	25.4	2.1	115.2
2366	NSSD64	29	204	120	1701	2 AUG 1983	214	19:15:17	93.5	50802.2	10.3	21.6	2.2	115.5
2367	NSSD64	30	191	109	1702	3 AUG 1983	215	15:21:41	92.1	63093.4	-2.6	24.9	2.2	116.9
2368	NSSD64	31	196	116	1702	3 AUG 1983	215	19:35:44	95.3	49138.4	11.8	21.3	2.2	117.1
2370	NSSD64	32	201	107	1704	5 AUG 1983	217	14:48:37	94.9	63886.7	-4.1	25.3	2.4	120.0
2371	NSSD64	33	195	109	1704	5 AUG 1983	217	19:14:38	98.1	50829.9	10.3	21.6	2.4	120.3
2376	NSSD64	34	180	92	1708	9 AUG 1983	221	19:13:44	104.2	50824.2	10.3	21.6	2.6	126.6
2380	NSSD64	35	211	84	1715	16 AUG 1983	228	15:19:18	112.6	63022.6	-2.6	24.9	3.0	137.4
2381	NSSD64	36	217	84	1716	17 AUG 1983	229	14:46:26	113.8	63843.3	-4.1	25.3	3.0	139.0
2382	NSSD64	37	195	85	1716	17 AUG 1983	229	19:31:39	116.7	49152.6	11.7	21.2	3.0	139.3
2385	NSSD64	38	195	73	1721	22 AUG 1983	234	19:14:27	124.2	50432.2	10.6	21.5	3.2	147.2
2388	NSSD64	39	242	77	1724	25 AUG 1983	237	15:42:51	127.1	62251.6	-1.4	24.6	3.3	151.7
2390	NSSD64	40	244	73	1726	27 AUG 1983	239	15:32:08	130.2	62550.0	-1.9	24.7	3.3	154.9
2391	NSSD64	41	241	70	1727	28 AUG 1983	240	15:26:57	131.7	62729.4	-2.1	24.8	3.3	156.4
2392	NSSD64	42	221	60	1729	30 AUG 1983	242	15:16:01	134.8	62998.5	-2.6	24.9	3.4	159.6
2393	NSSD64	43	176	51	1729	30 AUG 1983	242	19:29:29	136.3	49028.8	11.8	21.1	3.4	159.9

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
2395	NSSD64	44	205	53	1731	1 SEP 1983	244	15:48:04	138.3	61981.6	-1.0	24.4	3.4	162.8
2400	NSSD64	45	237	52	1737	7 SEP 1983	250	15:13:47	147.5	63040.5	-2.6	24.9	3.4	172.3
2401	NSSD64	46	158	39	1737	7 SEP 1983	250	19:27:31	147.9	49121.9	11.8	21.0	3.4	172.6
2405	NSSD64	47	140	34	1740	10 SEP 1983	253	19:46:40	151.6	47399.1	13.3	20.5	3.3	177.4
2410	NSSD64	48	92	25	1745	15 SEP 1983	258	19:39:18	157.9	48018.4	12.9	20.6	3.2	-174.7
2411	NSSD64	49	136	62	1791	31 OCT 1983	304	19:40:04	120.7	47841.1	13.7	20.6	-0.2	-101.0
2412	NSSD64	50	134	66	1793	2 NOV 1983	306	20:25:18	116.1	43456.0	17.6	19.6	-0.4	-97.7
2413	NSSD64	51	83	43	1795	4 NOV 1983	308	19:37:14	114.7	48034.7	13.6	20.7	-0.5	-94.6
2414	NSSD64	52	145	74	1796	5 NOV 1983	309	19:36:41	113.2	48098.5	13.5	20.8	-0.6	-92.9
2415	NSSD64	53	144	76	1797	6 NOV 1983	310	19:36:08	111.6	48068.5	13.6	20.8	-0.7	-91.3
2416	NSSD64	54	144	78	1798	7 NOV 1983	311	19:35:37	110.1	48132.2	13.5	20.8	-0.8	-89.7
2417	NSSD64	55	127	81	1800	9 NOV 1983	313	20:21:53	105.7	43688.2	17.4	19.8	-1.0	-86.4
2418	NSSD64	56	116	71	1801	10 NOV 1983	314	19:34:13	105.5	48171.0	13.5	20.8	-1.1	-84.9
2419	NSSD64	57	144	88	1803	12 NOV 1983	316	19:32:59	102.5	48328.4	13.3	20.9	-1.3	-81.6
2420	NSSD64	58	158	96	1804	13 NOV 1983	317	19:32:11	100.9	48298.4	13.3	20.9	-1.4	-80.0
2421	NSSD64	59	145	93	1805	14 NOV 1983	318	19:31:49	99.4	48361.2	13.3	20.9	-1.5	-78.4
2422	NSSD64	60	177	122	1807	16 NOV 1983	320	20:19:01	95.2	43694.3	17.3	19.8	-1.6	-75.1
2423	NSSD64	61	151	102	1808	17 NOV 1983	321	19:31:41	94.7	48270.3	13.3	20.9	-1.7	-73.5
2424	NSSD64	62	150	106	1810	19 NOV 1983	323	19:31:14	91.6	48240.2	13.4	20.9	-1.9	-70.3

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
0005	NSSD01	1	255	129	0004	8 DEC 1978	342	20:10:05	112.9	51435.4	-35.8	34.1	-1.1	-85.5
0009	NSSD01	2	188	160	0006	10 DEC 1978	344	17:48:42	110.2	34092.8	-48.8	40.8	-1.2	-82.4
0010	NSSD01	3	282	133	0006	10 DEC 1978	344	21:58:47	109.9	58139.1	-30.8	32.1	-1.3	-82.1
0011	NSSD01	4	312	129	0007	11 DEC 1978	345	03:37:19	108.0	66806.6	-17.0	27.5	-1.3	-81.7
0012	NSSD01	5	173	120	0007	11 DEC 1978	345	12:17:20	100.3	33494.0	13.0	19.2	-1.3	-81.1
0014	NSSD01	6	285	141	0008	12 DEC 1978	346	22:18:24	107.1	58418.0	-30.6	32.0	-1.4	-78.8
0015	NSSD01	7	309	134	0009	13 DEC 1978	347	04:01:05	104.8	66739.6	-16.7	27.4	-1.5	-78.5
0016	NSSD01	8	172	128	0009	13 DEC 1978	347	12:36:43	97.1	32936.4	13.5	19.1	-1.5	-77.9
0020	NSSD01	9	167	130	0010	14 DEC 1978	348	12:49:57	95.4	32421.9	14.0	19.0	-1.6	-76.2
0021	NSSD01	10	192	174	0010	14 DEC 1978	348	18:31:13	105.8	35594.3	-47.5	39.9	-1.6	-75.9
0022	NSSD01	11	283	146	0010	14 DEC 1978	348	22:47:01	104.1	59147.8	-30.0	31.8	-1.6	-75.6
0026	NSSD01	12	285	149	0011	15 DEC 1978	349	23:05:42	102.6	59618.5	-29.7	31.7	-1.7	-73.9
0036	NSSD01	13	319	210	0030	4 JAN 1979	004	06:02:31	70.9	66865.4	-19.2	28.2	-3.0	-42.6
0038	NSSD01	14	314	214	0032	6 JAN 1979	006	06:16:13	67.8	66823.2	-19.0	28.2	-3.1	-39.3
0039	NSSD02	1	318	219	0033	7 JAN 1979	007	06:22:06	66.2	66824.5	-19.0	28.2	-3.1	-37.7
0041	NSSD02	2	317	224	0035	9 JAN 1979	009	06:32:48	63.1	66817.3	-19.0	28.2	-3.2	-34.4
0042	NSSD02	3	197	272	0040	13 JAN 1979	013	22:10:29	72.1	35957.1	-47.2	40.2	-3.3	-26.9
0056	NSSD02	4	166	209	0043	16 JAN 1979	016	16:19:00	44.2	35189.5	11.3	19.5	-3.4	-22.4
0060	NSSD02	5	267	230	0044	17 JAN 1979	017	12:38:16	45.1	56996.4	-5.2	24.1	-3.4	-21.0
0061	NSSD02	6	178	230	0044	17 JAN 1979	017	16:22:34	42.6	35253.5	11.2	19.5	-3.4	-20.8
0062	NSSD02	7	196	282	0044	17 JAN 1979	017	22:27:14	67.9	35914.4	-47.1	40.3	-3.4	-20.4
0065	NSSD02	8	272	236	0045	18 JAN 1979	018	12:43:33	43.4	56933.5	-5.2	24.1	-3.4	-19.4
0066	NSSD02	9	177	229	0045	18 JAN 1979	018	16:25:50	41.1	35425.7	11.1	19.5	-3.4	-19.2
0067	NSSD02	10	231	236	0046	19 JAN 1979	019	14:51:53	40.0	46841.2	2.3	22.0	-3.4	-17.6
0069	NSSD02	11	301	247	0048	21 JAN 1979	021	10:41:21	40.9	63501.9	-11.2	25.8	-3.4	-14.7
0071	NSSD02	12	293	244	0050	23 JAN 1979	023	10:46:50	37.8	63568.6	-11.3	25.9	-3.4	-11.4
0073	NSSD02	13	282	244	0052	25 JAN 1979	025	11:00:37	34.4	63272.0	-10.9	25.7	-3.4	-8.2
0074	NSSD02	14	292	249	0053	26 JAN 1979	026	11:03:29	32.9	63238.2	-10.9	25.7	-3.4	-6.5
0082	NSSD03	1	310	268	0059	2 FEB 1979	033	07:29:07	28.6	66564.1	-19.7	28.5	-3.2	4.6
0083	NSSD03	2	180	306	0060	2 FEB 1979	033	23:03:23	53.9	34925.8	-47.6	41.1	-3.2	5.6
0084	NSSD03	3	258	268	0060	3 FEB 1979	034	02:45:50	38.1	56683.9	-31.6	32.8	-3.2	5.9
0085	NSSD03	4	243	243	0061	3 FEB 1979	034	13:59:34	16.8	54411.9	-3.2	23.4	-3.2	6.6
0088	NSSD03	5	267	279	0061	4 FEB 1979	035	02:46:04	37.2	56678.8	-31.6	32.8	-3.2	7.5
0089	NSSD03	6	262	259	0062	4 FEB 1979	035	13:59:49	15.2	54486.8	-3.2	23.4	-3.1	8.2
0093	NSSD03	7	265	281	0063	6 FEB 1979	037	02:46:57	35.4	56576.5	-31.7	32.9	-3.1	10.7
0094	NSSD03	8	257	256	0064	6 FEB 1979	037	14:00:05	11.9	54502.4	-3.2	23.4	-3.1	11.5
0097	NSSD03	9	260	279	0064	7 FEB 1979	038	02:47:07	34.6	56576.3	-31.7	32.9	-3.0	12.3
0104	NSSD03	10	264	259	0069	11 FEB 1979	042	13:55:31	4.0	54807.3	-3.4	23.5	-2.8	19.5
0110	NSSD03	11	263	259	0071	13 FEB 1979	044	13:52:08	1.1	54973.6	-3.5	23.5	-2.7	22.7
0116	NSSD03	12	261	259	0073	15 FEB 1979	046	13:43:56	2.7	55478.5	-3.9	23.6	-2.6	25.9
0124	NSSD03	13	160	313	0079	21 FEB 1979	052	22:46:54	46.1	33826.2	-48.0	41.6	-2.2	36.2
0126	NSSD03	14	243	232	0080	22 FEB 1979	053	13:33:00	13.7	55344.6	-3.6	23.5	-2.1	37.2
0127	NSSD04	1	173	252	0080	22 FEB 1979	053	17:05:49	24.0	33623.7	13.0	18.6	-2.1	37.4
0128	NSSD04	2	159	308	0080	22 FEB 1979	053	22:45:28	46.0	34025.7	-48.0	41.5	-2.1	37.8
0129	NSSD04	3	257	286	0080	23 FEB 1979	054	02:20:14	30.2	55754.2	-32.0	33.0	-2.1	38.0
0132	NSSD04	4	154	300	0081	23 FEB 1979	054	22:42:48	46.0	33973.1	-48.0	41.5	-2.0	39.4
0134	NSSD04	5	264	255	0082	24 FEB 1979	055	13:30:12	16.9	55183.9	-3.5	23.5	-2.0	40.4
0136	NSSD04	6	266	257	0083	25 FEB 1979	056	13:25:03	18.5	55375.1	-3.6	23.5	-1.9	42.0
0138	NSSD04	7	154	300	0083	25 FEB 1979	056	22:37:17	46.2	33968.3	-48.0	41.5	-1.9	42.6
0139	NSSD04	8	256	284	0083	26 FEB 1979	057	02:09:57	31.6	55503.6	-32.1	33.1	-1.9	42.8
0140	NSSD04	9	265	254	0084	26 FEB 1979	057	13:21:27	20.1	55444.8	-3.7	23.6	-1.8	43.6
0143	NSSD04	10	254	281	0084	27 FEB 1979	058	02:04:11	32.3	55332.9	-32.2	33.1	-1.8	44.4
0144	NSSD04	11	263	253	0085	27 FEB 1979	058	13:16:36	21.6	55593.1	-3.8	23.6	-1.7	45.2
0147	NSSD04	12	199	283	0086	28 FEB 1979	059	23:56:54	39.4	44747.7	-39.8	36.5	-1.6	47.5
0149	NSSD04	13	204	289	0087	1 MAR 1979	060	23:53:40	39.8	44819.0	-39.7	36.5	-1.5	49.1

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	LONG	SUBSOLAR LAT	LONG
0153	NSSD04	14	205	285	0089	3 MAR 1979	062	23:56:11	40.4	45800.8	-39.0	36.1	-1.4	52.3
0155	NSSD05	1	212	293	0090	4 MAR 1979	063	23:52:39	41.1	45762.9	-39.0	36.1	-1.3	53.9
0157	NSSD05	2	210	291	0091	5 MAR 1979	064	23:46:07	41.9	45501.3	-39.2	36.2	-1.2	55.4
0161	NSSD05	3	206	284	0093	7 MAR 1979	066	23:37:20	43.4	45288.3	-39.4	36.2	-1.0	58.6
0163	NSSD05	4	200	280	0094	8 MAR 1979	067	23:24:48	44.6	44323.1	-40.0	36.5	-0.9	60.2
0165	NSSD05	5	299	265	0094	9 MAR 1979	068	04:47:04	37.4	64653.1	-23.3	29.7	-0.9	60.6
0166	NSSD05	6	213	235	0095	9 MAR 1979	068	15:03:41	40.7	43031.8	5.6	21.0	-0.9	61.2
0169	NSSD05	7	215	232	0097	11 MAR 1979	070	14:52:39	43.7	43453.1	5.3	21.1	-0.7	64.4
0172	NSSD05	8	207	221	0100	14 MAR 1979	073	15:01:32	48.8	42068.9	6.5	20.8	-0.4	69.2
0175	NSSD05	9	285	231	0101	15 MAR 1979	074	10:46:55	45.9	61902.0	-8.7	25.2	-0.3	70.5
0176	NSSD05	10	202	212	0101	15 MAR 1979	074	15:04:58	50.2	42391.2	6.3	20.9	-0.3	70.8
0177	NSSD05	11	232	220	0102	16 MAR 1979	075	14:15:43	50.3	47974.5	2.2	22.1	-0.2	72.3
0178	NSSD05	12	300	232	0104	18 MAR 1979	077	09:53:21	50.2	64397.6	-11.5	26.0	-0.1	75.2
0180	NSSD05	13	238	210	0107	21 MAR 1979	080	14:18:59	57.8	49859.3	0.9	22.5	0.2	80.3
0181	NSSD05	14	234	205	0109	23 MAR 1979	082	14:49:18	61.4	47842.3	2.3	22.1	0.4	83.5
0185	NSSD06	1	234	192	0113	27 MAR 1979	086	14:57:02	67.5	48740.9	1.7	22.3	0.8	89.8
0188	NSSD06	2	232	181	0117	31 MAR 1979	090	15:26:45	74.0	47705.9	2.4	22.2	1.2	96.2
0191	NSSD06	3	228	166	0121	4 APR 1979	094	15:50:06	80.4	47010.3	3.0	22.1	1.5	102.5
0192	NSSD06	4	223	148	0126	9 APR 1979	099	16:15:00	88.3	46579.3	3.2	22.0	1.9	110.5
0194	NSSD06	5	227	139	0129	12 APR 1979	102	16:22:14	93.0	47050.9	2.9	22.1	2.1	115.2
0196	NSSD06	6	227	138	0130	13 APR 1979	103	16:24:30	94.5	47248.1	2.7	22.2	2.2	116.8
0199	NSSD06	7	223	125	0133	16 APR 1979	106	16:32:02	99.2	47522.3	2.5	22.2	2.4	121.5
0201	NSSD06	8	228	122	0135	18 APR 1979	108	16:44:33	102.4	46965.0	2.6	22.2	2.5	124.7
0202	NSSD06	9	224	113	0137	20 APR 1979	110	16:49:56	105.6	47006.1	2.8	22.1	2.7	127.9
0203	NSSD06	10	225	111	0138	21 APR 1979	111	16:52:39	107.2	46995.5	2.8	22.1	2.7	129.5
0204	NSSD06	11	230	104	0141	24 APR 1979	114	17:02:02	111.9	46740.6	3.0	22.1	2.9	134.2
0205	NSSD06	12	228	101	0142	25 APR 1979	115	17:16:28	113.7	45564.7	3.8	21.8	2.9	135.8
0206	NSSD06	13	226	95	0144	27 APR 1979	117	17:28:06	117.0	44643.1	4.5	21.6	3.0	139.0
0214	NSSD06	14	175	68	0173	27 MAY 1979	147	01:48:02	137.6	49725.0	-36.0	34.8	3.2	-174.4
0215	NSSD07	1	216	54	0173	27 MAY 1979	147	06:28:18	150.1	64889.8	-22.6	29.4	3.2	-174.1
0218	NSSD07	2	140	89	0174	27 MAY 1979	147	23:48:24	129.5	37396.9	-45.0	39.3	3.2	-173.0
0219	NSSD07	3	182	55	0174	28 MAY 1979	148	03:49:05	145.2	58842.2	-29.1	31.7	3.2	-172.7
0220	NSSD07	4	203	45	0175	28 MAY 1979	148	08:42:26	155.9	66380.0	-17.1	27.6	3.2	-172.4
0223	NSSD07	5	173	64	0175	29 MAY 1979	149	02:01:07	140.8	51901.5	-34.4	34.1	3.1	-171.2
0231	NSSD07	6	174	54	0177	31 MAY 1979	151	03:16:28	147.3	58102.4	-29.6	32.2	3.1	-168.0
0232	NSSD07	7	161	36	0177	31 MAY 1979	151	08:06:46	158.8	66351.5	-17.7	27.9	3.0	-167.6
0237	NSSD07	8	140	59	0178	1 JUN 1979	152	01:23:05	142.3	50601.5	-35.3	34.6	3.0	-166.5
0241	NSSD07	9	134	60	0179	2 JUN 1979	153	01:36:23	143.2	51112.7	-35.1	34.5	3.0	-164.9
0242	NSSD07	10	136	60	0180	3 JUN 1979	154	01:39:31	143.5	50653.5	-35.4	34.6	2.9	-163.3
0243	NSSD07	11	119	36	0181	4 JUN 1979	155	06:11:03	157.2	65067.5	-22.9	29.7	2.9	-161.4
0244	NSSD07	12	127	61	0182	5 JUN 1979	156	01:47:31	144.1	49933.1	-35.9	34.8	2.8	-160.1
0245	NSSD07	13	111	35	0182	5 JUN 1979	156	06:19:11	157.9	65063.9	-22.9	29.7	2.8	-159.8
0246	NSSD07	14	231	101	0225	17 JUL 1979	198	17:25:44	113.6	47577.3	3.1	22.0	-0.7	-91.6
0248	NSSD07	15	230	103	0226	18 JUL 1979	199	17:22:32	112.1	47811.3	2.9	22.1	-0.8	-90.0
0261	NSSD07	16	231	142	0238	30 JUL 1979	211	17:28:35	92.8	47562.9	3.1	22.1	-1.9	-70.6
0262	NSSD07	17	222	152	0241	2 AUG 1979	214	17:52:45	87.6	45524.3	4.6	21.7	-2.1	-65.7
0269	NSSD08	1	238	166	0246	7 AUG 1979	219	17:07:29	80.4	50308.1	1.1	22.7	-2.5	-57.6
0303	NSSD08	2	220	282	0292	23 SEP 1979	266	04:44:09	37.6	47773.2	-36.8	35.4	-2.9	17.8
0304	NSSD08	3	221	284	0293	24 SEP 1979	267	04:53:10	37.0	47734.9	-36.8	35.4	-2.8	19.4
0305	NSSD08	4	217	279	0294	25 SEP 1979	268	05:03:58	36.5	47798.7	-36.8	35.4	-2.8	21.0
0313	NSSD08	5	324	282	0303	3 OCT 1979	276	14:10:36	14.7	66733.0	-15.1	27.2	-2.3	34.5
0422	NSSD08	6	273	254	0310	11 OCT 1979	284	11:14:03	27.7	63611.9	-23.9	30.1	-1.6	47.1
0425	NSSD08	7	285	267	0311	12 OCT 1979	285	11:19:21	28.7	63559.3	-23.9	30.1	-1.6	48.7
0428	NSSD08	8	295	276	0312	13 OCT 1979	286	11:23:42	29.8	63468.5	-24.0	30.1	-1.5	50.3
0431	NSSD08	9	291	270	0313	14 OCT 1979	287	11:31:58	30.9	63530.1	-23.9	30.1	-1.4	51.9

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	LONG	SUBSOLAR LAT	LONG
0434	NSSD08	10	294	272	0314	15 OCT 1979	288	11:32:36	32.1	63336.2	-24.1	30.2	-1.3	53.5
0437	NSSD08	11	289	267	0315	16 OCT 1979	289	11:35:29	33.3	63203.2	-24.3	30.2	-1.2	55.1
0440	NSSD08	12	292	269	0316	17 OCT 1979	290	11:38:04	34.6	63081.4	-24.4	30.3	-1.1	56.7
0445	NSSD08	13	268	269	0318	19 OCT 1979	292	10:06:42	38.7	57888.6	-29.1	32.0	-1.0	59.8
0451	NSSD08	14	277	270	0320	21 OCT 1979	294	10:45:31	40.5	59440.4	-27.8	31.5	-0.8	63.0
0453	NSSD09	1	249	259	0321	22 OCT 1979	295	09:47:21	42.8	55413.9	-31.0	32.6	-0.7	64.6
0469	NSSD09	2	232	224	0324	24 OCT 1979	297	22:51:07	46.8	48396.2	3.2	21.9	-0.4	68.6
0492	NSSD09	3	294	239	0329	30 OCT 1979	303	13:24:23	51.8	63985.6	-23.3	29.8	0.1	77.5
0495	NSSD09	4	230	203	0333	2 NOV 1979	306	23:58:55	61.2	47215.2	4.1	21.8	0.4	83.0
0496	NSSD09	5	224	234	0333	3 NOV 1979	307	09:44:27	58.2	49304.3	-35.3	34.3	0.4	83.6
0497	NSSD09	6	303	233	0333	3 NOV 1979	307	14:31:02	57.7	65242.9	-21.5	29.2	0.5	83.9
0498	NSSD09	7	301	219	0334	3 NOV 1979	307	19:41:10	59.2	63895.9	-9.5	25.6	0.5	84.3
0499	NSSD09	8	234	203	0334	4 NOV 1979	308	00:01:33	62.7	47524.9	3.9	21.8	0.5	84.5
0500	NSSD09	9	234	246	0334	4 NOV 1979	308	09:51:47	59.4	49400.9	-35.3	34.3	0.5	85.2
0501	NSSD09	10	304	230	0334	4 NOV 1979	308	14:32:52	59.1	65118.9	-21.7	29.3	0.6	85.5
0502	NSSD09	11	238	247	0335	5 NOV 1979	309	09:55:35	60.7	49208.9	-35.4	34.3	0.6	86.8
0503	NSSD09	12	229	235	0336	6 NOV 1979	310	09:58:29	61.9	48918.3	-35.6	34.4	0.7	88.4
0504	NSSD09	13	307	227	0336	6 NOV 1979	310	14:33:24	62.1	64827.0	-22.2	29.4	0.7	88.7
0505	NSSD09	14	298	209	0337	6 NOV 1979	310	19:44:21	63.8	64383.0	-10.1	25.8	0.8	89.0
0506	NSSD09	15	236	193	0337	7 NOV 1979	311	00:09:12	67.2	48458.0	3.2	22.1	0.8	89.3
0507	NSSD10	1	233	238	0337	7 NOV 1979	311	10:01:51	63.2	48657.3	-35.8	34.4	0.8	90.0
0508	NSSD10	2	302	222	0337	7 NOV 1979	311	14:34:42	63.5	64687.7	-22.4	29.5	0.8	90.3
0509	NSSD10	3	298	205	0338	7 NOV 1979	311	19:43:58	65.3	64596.2	-10.4	25.9	0.8	90.6
0510	NSSD10	4	239	192	0338	8 NOV 1979	312	00:12:22	68.8	48725.3	3.0	22.1	0.9	90.9
0511	NSSD10	5	227	229	0338	8 NOV 1979	312	10:04:06	64.5	48395.3	-36.0	34.5	0.9	91.5
0512	NSSD10	6	304	221	0338	8 NOV 1979	312	14:36:17	65.0	64566.5	-22.5	29.5	0.9	91.8
0513	NSSD10	7	305	206	0339	8 NOV 1979	312	19:45:29	66.9	64710.9	-10.6	25.9	0.9	92.2
0514	NSSD10	8	236	186	0339	9 NOV 1979	313	00:15:01	70.3	49020.4	2.8	22.2	1.0	92.5
0515	NSSD10	9	230	230	0339	9 NOV 1979	313	10:07:49	65.7	48095.7	-36.2	34.6	1.0	93.1
0516	NSSD10	10	307	218	0339	9 NOV 1979	313	14:35:44	66.4	64353.2	-22.8	29.6	1.0	93.4
0517	NSSD10	11	303	201	0340	9 NOV 1979	313	19:45:51	68.4	64879.2	-10.8	26.0	1.0	93.8
0518	NSSD10	12	238	185	0340	10 NOV 1979	314	00:17:58	71.8	49375.0	2.6	22.3	1.0	94.1
0521	NSSD10	13	241	183	0341	11 NOV 1979	315	00:21:34	73.3	49562.7	2.4	22.3	1.1	95.6
0523	NSSD10	14	301	194	0342	11 NOV 1979	315	19:49:26	71.5	65075.4	-11.1	26.1	1.2	96.9
0524	NSSD10	15	241	180	0342	12 NOV 1979	316	00:24:38	74.8	49783.2	2.2	22.4	1.2	97.2
0527	NSSD11	1	235	172	0343	13 NOV 1979	317	00:26:46	76.3	50159.0	2.0	22.5	1.3	98.8
0530	NSSD11	2	241	171	0344	14 NOV 1979	318	00:30:45	77.9	50279.7	1.9	22.5	1.4	100.4
0542	NSSD11	3	230	155	0349	19 NOV 1979	323	01:32:55	86.4	47109.1	4.1	21.9	1.8	108.4
0545	NSSD11	4	230	151	0350	20 NOV 1979	324	01:34:18	87.9	47396.9	3.9	22.0	1.9	110.0
0548	NSSD11	5	230	149	0351	21 NOV 1979	325	01:45:07	89.5	46848.6	4.3	21.9	2.0	111.6
0550	NSSD11	6	225	142	0352	22 NOV 1979	326	01:47:27	91.1	47159.3	4.1	21.9	2.0	113.1
0551	NSSD11	7	279	151	0354	23 NOV 1979	327	21:36:21	90.7	63816.5	-9.5	25.7	2.2	116.0
0558	NSSD11	8	233	121	0360	30 NOV 1979	334	02:25:52	103.7	47057.6	4.1	21.9	2.6	125.8
0559	NSSD11	9	300	135	0361	30 NOV 1979	334	22:08:39	101.7	63746.0	-9.5	25.7	2.6	127.1
0560	NSSD11	10	235	118	0361	1 DEC 1979	335	02:26:33	105.2	47355.9	3.9	22.0	2.6	127.4
0561	NSSD11	11	292	129	0362	1 DEC 1979	335	22:12:50	103.3	63722.1	-9.5	25.7	2.7	128.7
0562	NSSD11	12	228	112	0362	2 DEC 1979	336	02:27:14	106.7	47571.6	3.7	22.0	2.7	129.0
0563	NSSD11	13	298	126	0364	3 DEC 1979	337	22:21:09	106.5	63622.3	-9.4	25.6	2.8	131.9
0570	NSSD11	14	229	102	0366	6 DEC 1979	340	02:39:37	113.0	47626.9	3.6	22.0	2.9	135.3
0572	NSSD11	15	231	100	0367	7 DEC 1979	341	02:41:25	114.6	47703.6	3.6	22.0	3.0	136.9
0573	NSSD12	1	300	115	0368	7 DEC 1979	341	22:20:21	112.6	64019.5	-9.9	25.8	3.0	138.2
0574	NSSD12	2	226	96	0368	8 DEC 1979	342	02:43:12	116.2	47759.9	3.5	22.0	3.0	138.5
0575	NSSD12	3	295	111	0369	8 DEC 1979	342	22:22:08	114.2	64036.5	-10.0	25.8	3.0	139.8
0576	NSSD12	4	232	95	0369	9 DEC 1979	343	02:45:02	117.7	47818.8	3.5	22.1	3.0	140.1
0577	NSSD12	5	290	106	0370	9 DEC 1979	343	22:22:13	115.7	64107.5	-10.1	25.8	3.1	141.4

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
0578	NSSD12	6	233	92	0370	10 DEC 1979	344	02:45:56	119.3	48040.4	3.3	22.1	3.1	141.7
0579	NSSD12	7	301	108	0371	10 DEC 1979	344	22:21:56	117.2	64212.1	-10.2	25.9	3.1	143.0
0580	NSSD12	8	224	85	0371	11 DEC 1979	345	02:46:40	120.8	48165.1	3.2	22.1	3.1	143.3
0581	NSSD12	9	248	52	0394	2 JAN 1980	002	22:28:20	153.5	63289.2	-9.2	25.5	3.3	179.5
0583	NSSD12	10	167	80	0394	3 JAN 1980	003	11:21:14	130.7	42610.7	-39.9	36.9	3.3	-179.7
0584	NSSD12	11	220	62	0394	3 JAN 1980	003	15:11:33	142.7	60550.5	-26.5	31.1	3.3	-179.4
0587	NSSD12	12	89	29	0395	4 JAN 1980	004	04:19:15	156.1	35089.2	13.3	18.8	3.3	-178.6
0588	NSSD12	13	164	82	0395	4 JAN 1980	004	11:08:02	130.9	41494.8	-40.7	37.3	3.3	-178.1
0589	NSSD12	14	214	60	0395	4 JAN 1980	004	14:53:12	143.3	59802.5	-27.1	31.4	3.3	-177.9
0590	NSSD13	1	234	51	0396	4 JAN 1980	004	19:52:19	152.9	66368.1	-15.1	27.3	3.3	-177.5
0592	NSSD13	2	80	28	0396	5 JAN 1980	005	04:16:17	157.2	34973.0	13.4	18.8	3.2	-177.0
0597	NSSD13	3	66	28	0397	6 JAN 1980	006	04:12:35	158.2	34898.5	13.5	18.7	3.2	-175.4
0599	NSSD13	4	212	59	0397	6 JAN 1980	006	14:48:24	145.7	59985.7	-26.9	31.3	3.2	-174.7
0604	NSSD13	5	174	51	0398	7 JAN 1980	007	14:43:01	146.7	59961.2	-26.9	31.3	3.2	-173.1
0607	NSSD13	6	56	27	0399	8 JAN 1980	008	04:02:35	160.1	34945.6	13.5	18.7	3.2	-172.2
0608	NSSD13	7	145	74	0399	8 JAN 1980	008	10:50:35	134.3	41517.4	-40.6	37.3	3.1	-171.8
0609	NSSD13	8	199	54	0399	8 JAN 1980	008	14:35:29	147.6	59794.8	-27.0	31.4	3.1	-171.5
0610	NSSD13	9	178	38	0400	8 JAN 1980	008	19:33:29	158.3	66324.5	-15.0	27.3	3.1	-171.2
0612	NSSD13	10	39	24	0400	9 JAN 1980	009	03:55:53	161.1	35152.4	13.3	18.7	3.1	-170.6
0613	NSSD13	11	141	73	0400	9 JAN 1980	009	10:45:04	135.1	41578.2	-40.5	37.3	3.1	-170.2
0614	NSSD13	12	157	46	0400	9 JAN 1980	009	14:30:10	148.6	59876.7	-27.0	31.4	3.1	-169.9
0617	NSSD13	13	131	70	0401	10 JAN 1980	010	10:52:47	135.9	41715.4	-40.5	37.3	3.1	-168.6
0618	NSSD13	14	150	45	0401	10 JAN 1980	010	14:39:52	149.6	60153.7	-26.9	31.3	3.1	-168.3
0619	NSSD13	15	131	29	0402	10 JAN 1980	010	19:41:11	160.9	66731.2	-14.9	27.2	3.1	-168.0
0625	NSSD14	1	128	32	0403	12 JAN 1980	012	17:53:27	158.9	66207.1	-19.4	28.7	3.0	-164.9
0626	NSSD14	2	130	58	0404	13 JAN 1980	013	12:19:23	143.4	48932.8	-35.3	34.8	2.9	-163.7
0627	NSSD14	3	130	36	0404	13 JAN 1980	013	16:41:53	156.7	64418.8	-22.4	29.7	2.9	-163.4
0628	NSSD14	4	125	57	0405	14 JAN 1980	014	12:24:24	143.9	48862.6	-35.4	34.8	2.9	-162.1
0632	NSSD14	5	115	58	0407	16 JAN 1980	016	12:37:46	145.3	49035.0	-35.1	34.7	2.8	-158.9
0635	NSSD14	6	112	60	0408	17 JAN 1980	017	12:36:45	145.4	48539.0	-35.5	34.9	2.7	-157.3
0636	NSSD14	7	87	34	0408	17 JAN 1980	017	17:11:49	159.7	64651.6	-22.0	29.6	2.7	-157.0
0638	NSSD14	8	105	61	0409	18 JAN 1980	018	12:41:38	145.9	48631.3	-35.4	34.9	2.7	-155.7
0645	NSSD14	9	181	38	0422	31 JAN 1980	031	03:02:39	157.0	49536.4	2.7	21.9	1.8	-135.5
0648	NSSD14	10	218	45	0424	1 FEB 1980	032	22:44:58	156.9	64333.2	-9.9	25.7	1.6	-132.6
0649	NSSD14	11	209	45	0424	2 FEB 1980	033	03:04:51	153.8	49205.9	3.0	21.9	1.6	-132.3
0650	NSSD14	12	234	49	0425	2 FEB 1980	033	22:49:14	155.4	64140.1	-9.6	25.6	1.6	-131.0
0651	NSSD15	1	217	48	0425	3 FEB 1980	034	03:06:49	152.1	48927.6	3.2	21.8	1.5	-130.7
0652	NSSD15	2	255	53	0426	3 FEB 1980	034	22:54:08	153.8	63939.4	-9.4	25.5	1.5	-129.4
0653	NSSD15	3	220	49	0426	4 FEB 1980	035	03:09:33	150.5	48545.4	3.5	21.7	1.5	-129.1
0656	NSSD15	4	267	57	0428	5 FEB 1980	036	22:57:09	150.7	63756.8	-9.1	25.5	1.3	-126.2
0660	NSSD15	5	233	57	0430	8 FEB 1980	039	02:50:36	144.8	50941.8	1.9	22.2	1.1	-122.7
0664	NSSD15	6	240	61	0432	10 FEB 1980	041	03:02:05	141.6	50748.5	2.1	22.2	0.9	-119.5
0666	NSSD15	7	238	63	0433	11 FEB 1980	042	03:08:11	140.0	50616.8	2.2	22.2	0.8	-117.9
0668	NSSD15	8	239	65	0434	12 FEB 1980	043	03:13:32	138.4	50613.5	2.2	22.2	0.7	-116.3
0672	NSSD15	9	290	76	0437	14 FEB 1980	045	23:27:09	136.6	64267.7	-9.4	25.6	0.5	-111.7
0673	NSSD15	10	238	71	0437	15 FEB 1980	046	03:31:07	133.5	50166.8	2.6	22.1	0.4	-111.4
0676	NSSD15	11	294	81	0439	16 FEB 1980	047	23:39:59	133.4	64164.8	-9.3	25.6	0.3	-108.5
0677	NSSD15	12	244	77	0439	17 FEB 1980	048	03:42:27	130.2	49974.2	2.7	22.1	0.3	-108.2
0678	NSSD15	13	297	84	0440	17 FEB 1980	048	23:46:25	131.7	64071.6	-9.2	25.5	0.2	-106.8
0679	NSSD15	14	237	77	0440	18 FEB 1980	049	03:48:09	128.6	49811.8	2.9	22.1	0.2	-106.6
0683	NSSD16	1	240	83	0442	20 FEB 1980	051	03:59:21	125.4	49585.4	3.0	22.1	0.0	-103.3
0685	NSSD16	2	212	150	0459	8 MAR 1980	068	13:51:53	105.3	41164.2	-40.6	36.6	-1.6	-75.2
0686	NSSD16	3	295	144	0459	8 MAR 1980	068	18:00:29	103.2	60986.6	-25.7	30.6	-1.6	-74.9
0687	NSSD16	4	318	144	0460	8 MAR 1980	068	23:07:03	100.7	66411.7	-13.5	26.8	-1.7	-74.6
0688	NSSD16	5	270	139	0460	9 MAR 1980	069	03:44:52	97.7	55623.1	-1.4	23.5	-1.7	-74.3

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
0690	NSSD16	6	211	152	0460	9 MAR 1980	069	13:48:22	104.1	40536.6	-41.0	36.8	-1.7	-73.6
0691	NSSD16	7	297	147	0460	9 MAR 1980	069	18:06:58	101.7	61153.3	-25.5	30.6	-1.7	-73.3
0693	NSSD16	8	267	141	0461	10 MAR 1980	070	03:50:33	96.0	55368.7	-1.3	23.4	-1.8	-72.6
0694	NSSD16	9	174	138	0461	10 MAR 1980	070	07:21:13	91.6	33714.7	15.3	18.8	-1.8	-72.4
0695	NSSD16	10	211	155	0461	10 MAR 1980	070	13:54:38	102.8	40956.4	-40.7	36.7	-1.8	-72.0
0696	NSSD16	11	295	149	0461	10 MAR 1980	070	18:14:57	100.2	61398.5	-25.3	30.5	-1.8	-71.7
0697	NSSD16	12	318	151	0462	10 MAR 1980	070	23:20:43	97.4	66306.2	-13.2	26.8	-1.8	-71.3
0698	NSSD16	13	267	144	0462	11 MAR 1980	071	03:57:08	94.3	55038.9	-1.0	23.4	-1.8	-71.0
0699	NSSD16	14	176	144	0462	11 MAR 1980	071	07:23:09	90.1	33755.6	15.3	18.8	-1.9	-70.8
0700	NSSD16	15	215	160	0462	11 MAR 1980	071	13:59:26	101.5	41247.0	-40.5	36.6	-1.9	-70.3
0701	NSSD17	1	298	154	0462	11 MAR 1980	071	18:21:03	98.6	61605.9	-25.1	30.4	-1.9	-70.0
0703	NSSD17	2	269	149	0463	12 MAR 1980	072	03:59:40	92.7	55083.5	-1.1	23.4	-1.9	-69.4
0704	NSSD17	3	176	148	0463	12 MAR 1980	072	07:27:01	88.5	33543.4	15.5	18.8	-1.9	-69.1
0705	NSSD17	4	251	155	0463	12 MAR 1980	072	15:37:28	99.0	50892.5	-33.6	33.5	-2.0	-68.6
0706	NSSD17	5	314	158	0463	12 MAR 1980	072	20:16:20	96.1	65396.5	-20.5	28.9	-2.0	-68.3
0707	NSSD17	6	303	154	0464	13 MAR 1980	073	01:24:17	93.0	63413.6	-8.5	25.4	-2.0	-67.9
0708	NSSD17	7	233	150	0464	13 MAR 1980	073	05:38:12	89.6	46902.8	4.9	21.8	-2.0	-67.6
0713	NSSD17	8	241	167	0466	15 MAR 1980	075	15:08:24	95.3	47661.0	-35.9	34.4	-2.2	-63.8
0715	NSSD17	9	241	170	0467	16 MAR 1980	076	15:12:45	94.0	47897.3	-35.7	34.4	-2.3	-62.1
0716	NSSD17	10	307	169	0467	16 MAR 1980	076	19:43:40	90.3	64297.5	-22.1	29.5	-2.3	-61.8
0717	NSSD17	11	239	171	0468	17 MAR 1980	077	15:15:13	92.6	47964.0	-35.7	34.4	-2.3	-60.5
0718	NSSD17	12	310	173	0468	17 MAR 1980	077	19:48:39	88.8	64391.8	-22.0	29.4	-2.3	-60.2
0719	NSSD17	13	243	177	0469	18 MAR 1980	078	15:17:50	91.2	47996.2	-35.7	34.4	-2.4	-58.9
0720	NSSD17	14	310	177	0469	18 MAR 1980	078	19:49:59	87.3	64369.1	-22.0	29.4	-2.4	-58.6
0721	NSSD17	15	243	180	0470	19 MAR 1980	079	15:19:24	89.9	48029.3	-35.6	34.4	-2.5	-57.3
0722	NSSD18	1	308	178	0470	19 MAR 1980	079	19:52:40	85.7	64399.7	-22.0	29.4	-2.5	-56.9
0724	NSSD18	2	239	172	0471	20 MAR 1980	080	05:32:00	78.6	48749.3	3.5	22.2	-2.5	-56.3
0728	NSSD18	3	311	186	0472	21 MAR 1980	081	19:58:04	82.6	64470.4	-21.9	29.4	-2.6	-53.7
0729	NSSD18	4	244	191	0473	22 MAR 1980	082	15:25:59	85.8	48093.5	-35.6	34.4	-2.7	-52.4
0730	NSSD18	5	305	186	0473	22 MAR 1980	082	20:00:59	81.1	64479.0	-21.9	29.4	-2.7	-52.1
0731	NSSD18	6	245	206	0478	27 MAR 1980	087	15:34:52	79.1	48087.0	-35.6	34.4	-2.9	-44.2
0733	NSSD18	7	247	209	0557	14 JUN 1980	166	06:54:00	60.3	49686.7	3.6	22.0	0.4	82.3
0734	NSSD18	8	231	253	0557	14 JUN 1980	166	16:45:22	57.5	47274.7	-35.5	34.6	0.4	83.0
0735	NSSD18	9	303	217	0558	15 JUN 1980	167	02:20:35	58.3	65170.5	-10.0	25.9	0.4	83.6
0736	NSSD18	10	248	207	0558	15 JUN 1980	167	06:56:20	61.8	50033.1	3.4	22.1	0.5	83.9
0740	NSSD18	11	225	241	0559	16 JUN 1980	168	16:51:51	60.0	46684.7	-35.9	34.7	0.6	86.1
0742	NSSD18	12	303	212	0560	17 JUN 1980	169	02:54:27	61.7	64573.1	-9.1	25.6	0.6	86.8
0743	NSSD18	13	238	197	0560	17 JUN 1980	169	07:22:36	65.2	48755.8	4.3	21.9	0.6	87.1
0744	NSSD18	14	231	112	0587	14 JUL 1980	196	10:07:30	108.0	46590.2	5.8	21.6	2.7	130.0
0747	NDDD18	15	296	123	0589	16 JUL 1980	198	05:46:15	107.6	63807.5	-8.3	25.5	2.8	132.8
0748	NSSD19	1	226	104	0589	16 JUL 1980	198	10:07:42	111.0	47284.3	5.2	21.7	2.8	133.1
0749	NSSD19	2	230	103	0590	17 JUL 1980	199	10:18:35	112.7	46575.4	5.7	21.6	2.9	134.7
0750	NSSD19	3	298	118	0591	18 JUL 1980	200	06:01:23	110.8	63523.0	-8.0	25.4	2.9	136.0
0751	NSSD19	4	232	101	0591	18 JUL 1980	200	10:21:51	114.2	46560.6	5.8	21.6	2.9	136.3
0752	NSSD19	5	294	113	0592	19 JUL 1980	201	06:04:34	112.4	63527.0	-8.0	25.4	3.0	137.6
0753	NSSD19	6	232	98	0592	19 JUL 1980	201	10:26:34	115.8	46405.0	5.9	21.5	3.0	137.9
0754	NSSD19	7	291	110	0593	20 JUL 1980	202	06:06:33	114.0	63556.2	-8.0	25.4	3.0	139.2
0755	NSSD19	8	229	93	0593	20 JUL 1980	202	10:27:14	117.4	46602.4	5.7	21.6	3.0	139.5
0757	NSSD19	9	231	92	0594	21 JUL 1980	203	10:31:17	118.9	46517.5	5.8	21.6	3.1	141.1
0759	NSSD19	10	230	88	0595	22 JUL 1980	204	10:19:49	120.3	47953.1	4.7	21.8	3.1	142.6
0760	NSSD19	11	295	103	0596	23 JUL 1980	205	06:00:46	118.5	64046.0	-8.7	25.6	3.1	143.9
0761	NSSD19	12	233	87	0596	23 JUL 1980	205	10:21:35	121.9	48044.9	4.7	21.9	3.1	144.2
0762	NSSD19	13	291	99	0597	24 JUL 1980	206	06:01:47	120.0	64107.9	-8.7	25.6	3.2	145.5
0763	NSSD19	14	233	85	0597	24 JUL 1980	206	10:23:19	123.5	48103.3	4.6	21.9	3.2	145.8
0764	NSSD19	15	299	99	0598	25 JUL 1980	207	06:02:27	121.6	64158.2	-8.8	25.6	3.2	147.1

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	LONG	SUBSOLAR LAT	LONG
0765	NSSD19	16	232	82	0598	25 JUL 1980	207	10:24:50	125.0	48294.8	4.5	21.9	3.2	147.4
0768	NSSD19	17	296	94	0600	27 JUL 1980	209	06:11:42	124.7	64295.6	-9.0	25.7	3.3	150.3
0769	NSSD19	18	225	75	0600	27 JUL 1980	209	10:35:45	128.2	48542.7	4.3	21.9	3.3	150.6
0776	NSSD20	1	297	84	0604	31 JUL 1980	213	06:36:42	131.3	63505.5	-8.0	25.4	3.3	156.7
0777	NSSD20	2	225	67	0604	31 JUL 1980	213	10:52:23	134.6	47037.7	5.4	21.6	3.4	156.9
0778	NSSD20	3	297	82	0605	1 AUG 1980	214	06:39:11	132.9	63540.1	-8.1	25.4	3.4	158.2
0780	NSSD20	4	297	80	0606	2 AUG 1980	215	06:40:11	134.4	63596.6	-8.1	25.4	3.4	159.8
0781	NSSD20	5	225	63	0606	2 AUG 1980	215	10:57:04	137.7	47199.7	5.3	21.6	3.4	160.1
0782	NSSD20	6	297	79	0607	3 AUG 1980	216	06:41:31	136.0	63652.7	-8.2	25.4	3.4	161.4
0783	NSSD20	7	226	61	0607	3 AUG 1980	216	10:58:54	139.2	47366.5	5.2	21.6	3.4	161.7
0784	NSSD20	8	299	77	0608	4 AUG 1980	217	06:42:17	137.5	63696.7	-8.3	25.4	3.4	163.0
0785	NSSD20	9	223	59	0608	4 AUG 1980	217	11:00:21	140.8	47396.9	5.2	21.6	3.4	163.3
0786	NSSD20	10	296	74	0609	5 AUG 1980	218	06:43:02	139.1	63752.2	-8.3	25.4	3.4	164.6
0787	NSSD20	11	225	58	0609	5 AUG 1980	218	11:01:58	142.3	47563.3	5.0	21.6	3.4	164.9
0788	NSSD20	12	221	56	0610	6 AUG 1980	219	11:03:34	143.9	47657.5	5.0	21.6	3.4	166.5
0789	NSSD20	13	293	71	0611	7 AUG 1980	220	06:44:45	142.2	63894.6	-8.5	25.5	3.4	167.8
0790	NSSD21	1	220	53	0611	7 AUG 1980	220	11:05:04	145.5	47720.2	4.9	21.6	3.4	168.1
0791	NSSD21	2	288	67	0612	8 AUG 1980	221	06:45:35	143.7	63947.6	-8.5	25.5	3.4	169.4
0792	NSSD21	3	216	51	0612	8 AUG 1980	221	11:06:41	147.0	47884.5	4.8	21.6	3.4	169.6
0809	NSSD21	4	154	82	0620	16 AUG 1980	229	19:49:37	130.7	39244.8	-41.4	37.9	3.2	-177.1
0810	NSSD21	5	206	56	0620	17 AUG 1980	230	00:05:27	145.3	60470.6	-25.4	30.9	3.2	-176.8
0813	NSSD21	6	66	28	0621	17 AUG 1980	230	13:34:08	156.0	33303.3	16.5	18.0	3.2	-175.9
0814	NSSD21	7	145	78	0621	17 AUG 1980	230	19:51:54	131.4	39109.6	-41.5	37.9	3.2	-175.5
0815	NSSD21	8	204	55	0621	18 AUG 1980	231	00:07:01	146.4	60413.4	-25.5	31.0	3.2	-175.2
0817	NSSD21	9	64	29	0622	18 AUG 1980	231	13:36:22	156.9	33401.4	16.4	18.0	3.2	-174.3
0818	NSSD21	10	139	76	0622	18 AUG 1980	231	19:54:07	132.3	39149.4	-41.4	37.9	3.2	-173.9
0820	NSSD21	11	55	31	0623	19 AUG 1980	232	13:38:33	157.8	33550.1	16.3	18.0	3.2	-172.7
0821	NSSD21	12	145	78	0623	19 AUG 1980	232	19:56:19	133.0	39014.1	-41.5	38.0	3.2	-172.3
0822	NSSD21	13	204	54	0623	20 AUG 1980	233	00:09:50	148.5	60227.2	-25.6	31.0	3.2	-172.0
0825	NSSD21	14	41	29	0624	20 AUG 1980	233	13:40:51	158.6	33647.6	16.2	18.1	3.1	-171.1
0826	NSSD22	1	140	76	0624	20 AUG 1980	233	19:58:42	133.7	38922.3	-41.6	38.0	3.1	-170.7
0827	NSSD22	2	157	44	0624	21 AUG 1980	234	00:11:26	149.5	60187.0	-25.6	31.0	3.1	-170.4
0828	NSSD22	3	146	31	0625	21 AUG 1980	234	05:08:16	160.1	66497.3	-13.7	27.0	3.1	-170.1
0830	NSSD22	4	133	74	0625	21 AUG 1980	234	20:00:51	134.4	38830.2	-41.7	38.1	3.1	-169.1
0831	NSSD22	5	166	46	0625	22 AUG 1980	235	00:12:42	150.4	60092.6	-25.7	31.1	3.1	-168.8
0832	NSSD22	6	121	26	0626	22 AUG 1980	235	05:09:15	161.3	66507.1	-13.7	27.1	3.1	-168.5
0834	NSSD22	7	34	32	0626	22 AUG 1980	235	13:45:15	159.9	33741.2	16.2	18.0	3.1	-167.9
0835	NSSD22	8	127	73	0626	22 AUG 1980	235	20:03:16	135.1	38826.4	-41.7	38.1	3.0	-167.5
0836	NSSD22	9	161	45	0626	23 AUG 1980	236	00:14:32	151.3	60034.0	-25.7	31.1	3.0	-167.2
0837	NSSD22	10	112	24	0627	23 AUG 1980	236	05:10:48	162.5	66514.1	-13.8	27.1	3.0	-166.9
0841	NSSD22	11	141	43	0627	24 AUG 1980	237	00:28:44	152.7	60597.0	-25.2	30.9	3.0	-165.6
0844	NSSD22	12	32	35	0628	24 AUG 1980	237	13:49:56	160.8	33935.3	16.1	18.1	3.0	-164.7
0845	NSSD22	13	122	72	0628	24 AUG 1980	237	20:08:11	136.4	38774.8	-41.7	38.1	3.0	-164.3
0846	NSSD22	14	135	41	0628	25 AUG 1980	238	00:18:10	152.9	59952.9	-25.8	31.1	2.9	-164.0
0849	NSSD23	1	38	39	0629	25 AUG 1980	238	13:52:15	161.0	33931.8	16.1	18.1	2.9	-163.1
0850	NSSD23	2	111	69	0629	25 AUG 1980	238	20:10:38	136.8	38594.2	-41.8	38.2	2.9	-162.7
0852	NSSD23	3	118	58	0630	26 AUG 1980	239	21:25:35	143.8	46704.4	-35.8	35.2	2.9	-161.0
0853	NSSD23	4	98	28	0630	27 AUG 1980	240	02:05:13	158.9	64107.6	-21.4	29.5	2.8	-160.7
0854	NSSD23	5	112	57	0631	27 AUG 1980	240	21:27:48	144.3	46596.0	-35.9	35.2	2.8	-159.4
0855	NSSD23	6	96	30	0631	28 AUG 1980	241	02:06:31	159.5	64048.9	-21.4	29.6	2.8	-159.1
0856	NSSD23	7	110	61	0632	28 AUG 1980	241	21:29:22	144.7	46522.5	-35.9	35.2	2.7	-157.8
0857	NSSD23	8	89	30	0632	29 AUG 1980	242	02:06:58	159.9	63956.4	-21.6	29.6	2.7	-157.5
0859	NSSD23	9	77	32	0633	30 AUG 1980	243	02:08:03	160.4	63930.3	-21.6	29.6	2.7	-155.9
0861	NSSD23	10	73	32	0634	31 AUG 1980	244	02:09:02	160.6	63858.9	-21.6	29.6	2.6	-154.3
0862	NSSD23	11	93	59	0635	31 AUG 1980	244	21:35:21	145.6	46230.9	-36.1	35.3	2.6	-153.0

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
0863	NSSD23	12	65	33	0635	1 SEP 1980	245	02:10:44	160.7	63786.7	-21.7	29.7	2.6	-152.7
0864	NSSD23	13	86	59	0636	1 SEP 1980	245	21:38:11	145.9	46263.3	-36.1	35.3	2.5	-151.4
0865	NSSD23	14	65	32	0636	2 SEP 1980	246	02:13:32	160.8	63795.0	-21.7	29.6	2.5	-151.1
0867	NSSD24	1	62	35	0637	3 SEP 1980	247	02:15:14	160.7	63768.7	-21.7	29.7	2.4	-149.5
0868	NSSD24	2	78	71	0638	3 SEP 1980	247	21:42:53	146.0	46080.1	-36.2	35.3	2.4	-148.2
0869	NSSD24	3	63	33	0638	4 SEP 1980	248	02:16:56	160.4	63695.8	-21.8	29.7	2.4	-147.9
0885	NSSD24	4	183	38	0646	11 SEP 1980	255	12:09:05	157.5	50778.7	3.3	22.0	1.8	-136.1
0887	NSSD24	5	194	41	0647	12 SEP 1980	256	12:11:15	155.9	50837.0	3.3	22.0	1.7	-134.5
0889	NSSD24	6	207	44	0648	13 SEP 1980	257	12:13:32	154.4	50955.0	3.2	22.0	1.6	-132.9
0891	NSSD24	7	214	46	0649	14 SEP 1980	258	12:15:42	152.9	51013.3	3.2	22.1	1.6	-131.2
0893	NSSD24	8	217	48	0650	15 SEP 1980	259	12:17:54	151.3	51071.4	3.2	22.1	1.5	-129.6
0895	NSSD24	9	222	51	0651	16 SEP 1980	260	12:20:22	149.8	51070.2	3.2	22.1	1.4	-128.0
0897	NSSD24	10	227	52	0652	17 SEP 1980	261	12:22:49	148.2	51128.5	3.2	22.1	1.3	-126.4
0899	NSSD24	11	229	54	0653	18 SEP 1980	262	12:25:24	146.6	51101.2	3.2	22.1	1.2	-124.8
0901	NSSD24	12	232	56	0654	19 SEP 1980	263	12:27:58	145.1	51190.2	3.1	22.1	1.1	-123.2
0903	NSSD24	13	232	58	0655	20 SEP 1980	264	12:30:31	143.5	51160.1	3.2	22.1	1.0	-121.6
0905	NSSD24	14	227	59	0656	21 SEP 1980	265	12:57:46	141.2	49034.8	4.8	21.7	0.9	-120.0
0907	NSSD25	1	230	62	0657	22 SEP 1980	266	13:00:29	139.7	49002.5	4.8	21.7	0.9	-118.4
0909	NSSD25	2	227	63	0658	23 SEP 1980	267	13:03:15	138.1	48970.2	4.8	21.7	0.8	-116.7
0911	NSSD25	3	230	65	0659	24 SEP 1980	268	13:06:04	136.5	48970.2	4.9	21.7	0.7	-115.1
0915	NSSD25	4	233	69	0661	26 SEP 1980	270	13:12:17	133.3	48938.2	4.9	21.7	0.5	-111.9
0917	NSSD25	5	237	73	0662	27 SEP 1980	271	13:15:09	131.8	48906.3	4.9	21.7	0.4	-110.3
0919	NSSD25	6	242	75	0663	28 SEP 1980	272	13:18:01	130.2	48878.0	5.0	21.7	0.3	-108.7
0921	NSSD25	7	242	79	0664	29 SEP 1980	273	13:21:14	128.6	48847.1	5.0	21.7	0.2	-107.1
0923	NSSD25	8	241	80	0665	30 SEP 1980	274	13:24:21	127.0	48847.7	5.0	21.7	0.1	-105.4
0925	NSSD25	9	239	82	0666	1 OCT 1980	275	13:27:37	125.4	48783.6	5.1	21.7	0.0	-103.8
0927	NSSD25	10	242	86	0667	2 OCT 1980	276	13:30:42	123.8	48751.9	5.1	21.7	-0.1	-102.2
0929	NSSD25	11	243	89	0668	3 OCT 1980	277	13:33:51	122.2	48720.4	5.1	21.7	-0.2	-100.6
0931	NSSD25	12	238	90	0669	4 OCT 1980	278	13:37:03	120.6	48623.7	5.2	21.7	-0.3	-99.0
0933	NSSD25	13	241	93	0670	5 OCT 1980	279	13:40:14	119.0	48592.0	5.2	21.7	-0.4	-97.4
0935	NSSD26	1	244	97	0671	6 OCT 1980	280	13:43:27	117.4	48560.3	5.2	21.7	-0.5	-95.8
0937	NSSD26	2	242	102	0673	8 OCT 1980	282	13:49:57	114.2	48468.5	5.3	21.8	-0.7	-92.5
0939	NSSD26	3	242	106	0674	9 OCT 1980	283	13:53:17	112.6	48338.3	5.4	21.7	-0.8	-90.9
0941	NSSD26	4	240	107	0675	10 OCT 1980	284	13:56:36	111.0	48339.3	5.4	21.7	-0.9	-89.3
0943	NSSD26	5	241	111	0676	11 OCT 1980	285	13:59:55	109.4	48274.4	5.5	21.7	-0.9	-87.7
0945	NSSD26	6	242	114	0677	12 OCT 1980	286	14:03:19	107.8	48143.2	5.6	21.7	-1.0	-86.0
0946	NSSD26	7	311	122	0678	13 OCT 1980	287	09:21:39	110.0	64651.1	-8.9	25.7	-1.1	-84.7
0947	NSSD26	8	239	116	0678	13 OCT 1980	287	14:06:37	106.2	48111.1	5.6	21.7	-1.1	-84.4
0949	NSSD26	9	239	120	0679	14 OCT 1980	288	14:10:16	104.6	47979.0	5.7	21.7	-1.2	-82.8
0950	NSSD26	10	307	127	0680	15 OCT 1980	289	09:29:53	106.8	64566.6	-8.8	25.7	-1.3	-81.5
0953	NSSD26	11	238	126	0681	16 OCT 1980	290	14:16:52	101.4	47914.1	5.7	21.7	-1.4	-79.5
0954	NSSD26	12	129	147	0681	16 OCT 1980	290	17:28:35	93.9	22070.5	29.7	14.4	-1.4	-79.3
0957	NSSD26	13	274	132	0682	17 OCT 1980	291	12:41:01	101.4	55796.8	-0.2	23.3	-1.5	-78.0
0958	NSSD26	14	171	129	0682	17 OCT 1980	291	16:26:08	96.2	32797.6	17.9	18.3	-1.5	-77.8
0959	NSSD27	1	190	149	0682	17 OCT 1980	291	22:20:18	107.1	36546.5	-43.4	38.1	-1.5	-77.4
0960	NSSD27	2	283	137	0682	18 OCT 1980	292	02:10:01	105.6	57833.4	-27.3	31.3	-1.5	-77.1
0962	NSSD27	3	275	135	0683	18 OCT 1980	292	12:44:42	99.7	55749.7	-0.2	23.3	-1.6	-76.4
0963	NSSD27	4	174	136	0683	18 OCT 1980	292	16:29:07	94.7	32695.0	18.0	18.3	-1.6	-76.2
0965	NSSD27	5	283	141	0683	19 OCT 1980	293	02:13:39	104.1	57876.5	-27.2	31.3	-1.6	-75.5
0966	NSSD27	6	318	141	0684	19 OCT 1980	293	07:37:53	101.5	66514.6	-13.7	27.1	-1.6	-75.1
0967	NSSD27	7	272	138	0684	19 OCT 1980	293	12:48:11	98.1	55654.2	-0.1	23.3	-1.7	-74.8
0970	NSSD27	8	281	143	0684	20 OCT 1980	294	02:17:18	102.6	57961.5	-27.2	31.3	-1.7	-73.9
0971	NSSD27	9	315	143	0685	20 OCT 1980	294	07:41:57	99.9	66507.3	-13.6	27.1	-1.7	-73.5
0972	NSSD27	10	268	140	0685	20 OCT 1980	294	12:51:55	96.5	55606.7	-0.1	23.3	-1.7	-73.2
0973	NSSD27	11	174	143	0685	20 OCT 1980	294	16:35:01	91.6	32540.7	18.1	18.2	-1.7	-72.9

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	LONG	SUBSOLAR LAT	LONG
0975	NSSD27	12	280	145	0685	21 OCT 1980	295	02:21:17	101.2	58046.2	-27.1	31.2	-1.8	-72.2
0976	NSSD27	13	319	148	0686	21 OCT 1980	295	07:46:16	98.2	66497.6	-13.5	27.0	-1.8	-71.9
0977	NSSD27	14	269	142	0686	21 OCT 1980	295	12:55:38	94.8	55534.7	0.0	23.3	-1.8	-71.5
0978	NSSD28	1	173	145	0686	21 OCT 1980	295	16:37:58	90.2	32696.5	18.0	18.3	-1.8	-71.3
0981	NSSD28	2	319	151	0687	22 OCT 1980	296	07:50:20	96.6	66490.9	-13.5	27.0	-1.9	-70.3
0982	NSSD28	3	263	143	0687	22 OCT 1980	296	12:59:13	93.2	55438.1	0.0	23.3	-1.9	-69.9
0983	NSSD28	4	172	148	0687	22 OCT 1980	296	16:40:54	88.6	32593.5	18.1	18.3	-1.9	-69.7
0985	NSSD28	5	285	154	0687	23 OCT 1980	297	02:28:51	98.2	58151.2	-27.0	31.2	-1.9	-69.0
0986	NSSD28	6	314	152	0688	23 OCT 1980	297	07:54:30	95.0	66481.7	-13.4	27.0	-2.0	-68.6
0987	NSSD28	7	269	150	0688	23 OCT 1980	297	13:03:00	91.6	55318.6	0.1	23.3	-2.0	-68.3
0989	NSSD28	8	286	157	0688	24 OCT 1980	298	02:32:57	96.7	58254.3	-26.9	31.2	-2.0	-67.4
0991	NSSD28	9	272	154	0689	24 OCT 1980	298	13:06:52	89.9	55295.1	0.1	23.3	-2.1	-66.7
0992	NSSD28	10	169	153	0689	24 OCT 1980	298	16:46:59	85.6	32446.2	18.2	18.2	-2.1	-66.4
0995	NSSD28	11	226	120	0690	25 OCT 1980	299	08:03:23	91.8	66458.8	-13.3	27.0	-2.1	-65.4
0997	NSSD28	12	234	158	0691	26 OCT 1980	300	14:51:05	85.2	46938.9	6.4	21.6	-2.2	-63.3
0998	NSSD28	13	231	160	0692	27 OCT 1980	301	14:54:25	83.6	46938.9	6.4	21.6	-2.3	-61.7
0999	NSSD28	14	234	165	0693	28 OCT 1980	302	14:57:42	82.0	46869.6	6.4	21.6	-2.4	-60.0
1000	NSSD29	1	233	168	0694	29 OCT 1980	303	15:01:04	80.3	46730.6	6.5	21.6	-2.4	-58.4
1002	NSSD29	2	223	170	0696	31 OCT 1980	305	15:07:41	77.1	46621.3	6.6	21.5	-2.6	-55.2
1003	NSSD29	3	227	173	0697	1 NOV 1980	306	15:10:53	75.5	46549.9	6.6	21.5	-2.6	-53.5
1004	NSSD29	4	228	179	0698	2 NOV 1980	307	15:14:14	73.9	46444.0	6.7	21.5	-2.7	-51.9
1005	NSSD29	5	229	183	0699	3 NOV 1980	308	15:17:45	72.2	46372.8	6.8	21.5	-2.7	-50.3
1006	NSSD29	6	228	185	0700	4 NOV 1980	309	15:20:47	70.6	46336.5	6.8	21.5	-2.8	-48.6
1007	NSSD29	7	227	188	0701	5 NOV 1980	310	15:23:56	69.0	46264.9	6.8	21.4	-2.8	-47.0
1008	NSSD29	8	224	188	0702	6 NOV 1980	311	15:27:17	67.4	46122.0	6.9	21.4	-2.9	-45.4
1009	NSSD29	9	228	198	0704	8 NOV 1980	313	15:33:42	64.2	46047.7	7.0	21.4	-3.0	-42.1
1010	NSSD29	10	226	200	0705	9 NOV 1980	314	15:36:50	62.6	45974.9	7.0	21.4	-3.0	-40.5
1011	NSSD29	11	226	202	0706	10 NOV 1980	315	15:40:00	60.9	45830.0	7.1	21.3	-3.1	-38.9
1021	NSSD29	12	295	232	0719	23 NOV 1980	328	11:34:59	43.4	63754.0	-7.9	25.4	-3.4	-18.0
1024	NSSD29	13	232	238	0721	25 NOV 1980	330	15:58:45	37.1	47916.7	5.6	21.6	-3.4	-14.5
1026	NSSD30	1	246	254	0722	27 NOV 1980	332	02:15:42	51.9	50686.6	-32.8	33.7	-3.4	-12.2
1028	NSSD30	2	225	191	0723	28 NOV 1980	333	08:02:23	39.8	66218.0	-16.8	28.1	-3.4	-10.1
1032	NSSD30	3	242	259	0726	1 DEC 1980	336	02:28:03	47.0	50819.9	-32.7	33.7	-3.4	-5.7
1036	NSSD30	4	238	261	0729	4 DEC 1980	339	02:37:08	43.6	50868.0	-32.6	33.7	-3.3	-0.8
1038	NSSD30	5	235	264	0730	5 DEC 1980	340	02:31:17	43.0	50107.5	-33.2	33.9	-3.3	0.8
1039	NSSD30	6	295	256	0730	5 DEC 1980	340	07:06:22	31.8	64882.6	-19.8	29.0	-3.3	1.1
1044	NSSD30	7	235	265	0733	8 DEC 1980	343	02:48:11	39.4	50821.1	-32.6	33.7	-3.2	5.7
1048	NSSD30	8	244	270	0736	11 DEC 1980	346	03:25:59	35.0	53139.6	-30.9	33.1	-3.1	10.6
1051	NSSD30	9	248	276	0738	13 DEC 1980	348	03:30:55	33.3	53077.4	-30.9	33.1	-3.0	13.8
1054	NSSD30	10	243	273	0740	15 DEC 1980	350	03:35:14	31.9	52988.1	-31.0	33.1	-2.9	17.1
1055	NSSD30	11	225	248	0741	15 DEC 1980	350	16:55:06	9.6	47697.8	6.1	21.3	-2.9	17.9
1056	NSSD30	12	234	276	0742	17 DEC 1980	352	03:14:29	32.3	50815.7	-32.5	33.7	-2.8	20.3
1058	NSSD30	13	282	248	0743	17 DEC 1980	352	12:42:46	6.4	63627.2	-7.5	25.3	-2.8	20.9
1059	NSSD30	14	230	250	0743	17 DEC 1980	352	16:58:33	8.7	47957.1	5.9	21.4	-2.8	21.2
1060	NSSD31	1	234	278	0743	18 DEC 1980	353	03:16:56	31.8	50752.5	-32.6	33.8	-2.8	21.9
1062	NSSD31	2	285	254	0744	18 DEC 1980	353	12:43:57	5.6	63680.7	-7.6	25.3	-2.7	22.5
1063	NSSD31	3	226	247	0744	18 DEC 1980	353	17:00:04	8.7	48019.9	5.9	21.4	-2.7	22.8
1066	NSSD31	4	303	263	0745	19 DEC 1980	354	10:52:55	9.9	66107.1	-12.2	26.7	-2.7	24.0
1067	NSSD31	5	255	253	0745	19 DEC 1980	354	15:50:10	4.3	54090.2	1.3	22.7	-2.7	24.3
1068	NSSD31	6	164	246	0745	19 DEC 1980	354	19:08:22	21.5	33405.9	17.7	17.7	-2.7	24.5
1070	NSSD31	7	274	267	0745	20 DEC 1980	355	06:00:46	22.2	61007.1	-24.2	30.6	-2.6	25.3
1071	NSSD31	8	307	266	0746	20 DEC 1980	355	10:53:43	9.7	66121.6	-12.3	26.7	-2.6	25.6
1072	NSSD31	9	242	237	0746	20 DEC 1980	355	15:51:26	5.0	54213.2	1.2	22.7	-2.6	25.9
1073	NSSD31	10	164	244	0746	20 DEC 1980	355	19:10:25	21.9	33497.2	17.6	17.8	-2.6	26.2
1074	NSSD31	11	192	280	0746	21 DEC 1980	356	02:00:32	37.2	42470.2	-38.7	36.5	-2.6	26.6

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
1075	NSSD31	12	275	268	0746	21 DEC 1980	356	06:02:20	22.0	60955.0	-24.3	30.6	-2.6	26.9
1076	NSSD31	13	301	262	0747	21 DEC 1980	356	10:56:33	9.7	66118.3	-12.3	26.7	-2.6	27.2
1077	NSSD31	14	254	251	0747	21 DEC 1980	356	15:52:29	6.0	54365.1	1.1	22.7	-2.5	27.5
1078	NSSD32	1	161	240	0747	21 DEC 1980	356	19:12:20	22.4	33651.2	17.5	17.8	-2.5	27.8
1079	NSSD32	2	192	281	0747	22 DEC 1980	357	02:02:40	37.0	42347.7	-38.8	36.6	-2.5	28.2
1080	NSSD32	3	270	263	0747	22 DEC 1980	357	06:03:21	21.9	60852.6	-24.3	30.6	-2.5	28.5
1081	NSSD32	4	302	262	0748	22 DEC 1980	357	10:54:56	10.1	66163.2	-12.4	26.7	-2.5	28.8
1082	NSSD32	5	205	278	0748	23 DEC 1980	358	02:35:09	34.3	45553.0	-36.4	35.4	-2.5	29.9
1083	NSSD32	6	272	259	0748	23 DEC 1980	358	06:37:13	20.5	62217.4	-22.9	30.1	-2.4	30.1
1084	NSSD32	7	295	257	0749	23 DEC 1980	358	11:32:59	9.5	65718.9	-11.0	26.3	-2.4	30.5
1085	NSSD32	8	204	279	0749	24 DEC 1980	359	02:36:59	34.3	45370.4	-36.5	35.5	-2.4	31.5
1086	NSSD32	9	279	266	0749	24 DEC 1980	359	06:37:56	20.7	62100.0	-23.0	30.2	-2.4	31.7
1087	NSSD32	10	298	257	0750	24 DEC 1980	359	11:33:16	10.4	65743.6	-11.1	26.3	-2.4	32.1
1088	NSSD32	11	205	279	0750	25 DEC 1980	360	02:39:06	34.2	45403.8	-36.4	35.4	-2.3	33.1
1089	NSSD32	12	267	252	0750	25 DEC 1980	360	06:39:02	21.0	62053.8	-23.1	30.2	-2.3	33.3
1090	NSSD32	13	295	257	0751	25 DEC 1980	360	11:33:44	11.5	65783.7	-11.2	26.4	-2.3	33.7
1091	NSSD32	14	120	254	0751	25 DEC 1980	360	20:28:50	36.7	23229.9	28.9	13.9	-2.3	34.3
1092	NSSD33	1	268	255	0751	26 DEC 1980	361	06:39:49	21.4	61934.3	-23.2	30.2	-2.2	34.9
1093	NSSD33	2	300	259	0752	26 DEC 1980	361	11:33:56	12.6	65822.5	-11.2	26.4	-2.2	35.3
1094	NSSD33	3	202	277	0752	27 DEC 1980	362	02:42:53	34.5	45108.9	-36.6	35.5	-2.2	36.3
1095	NSSD33	4	276	263	0752	27 DEC 1980	362	06:40:32	21.9	61857.9	-23.2	30.2	-2.2	36.6
1096	NSSD33	5	299	257	0753	27 DEC 1980	362	11:34:06	13.9	65845.0	-11.3	26.4	-2.1	36.9
1097	NSSD33	6	201	276	0753	28 DEC 1980	363	02:44:47	34.7	45033.8	-36.7	35.5	-2.1	37.9
1098	NSSD33	7	273	260	0753	28 DEC 1980	363	06:41:18	22.6	61781.1	-23.3	30.2	-2.1	38.2
1099	NSSD33	8	298	257	0754	28 DEC 1980	363	11:34:12	15.2	65881.8	-11.4	26.4	-2.1	38.5
1100	NSSD33	9	185	277	0754	29 DEC 1980	364	02:17:13	37.2	41771.3	-39.1	36.7	-2.0	39.5
1102	NSSD33	10	303	261	0755	29 DEC 1980	364	10:56:23	17.0	66280.9	-13.0	26.9	-2.0	40.0
1103	NSSD33	11	255	245	0755	29 DEC 1980	364	15:58:14	17.5	55532.7	0.4	23.0	-2.0	40.4
1104	NSSD33	12	168	238	0755	29 DEC 1980	364	19:26:33	29.0	34869.3	16.7	18.2	-2.0	40.6
1105	NSSD33	13	185	278	0755	30 DEC 1980	365	02:19:08	37.5	41648.4	-39.2	36.7	-2.0	41.1
1106	NSSD33	14	268	262	0755	30 DEC 1980	365	06:10:19	25.2	60061.5	-25.0	30.8	-1.9	41.3
1120	NSSD34	2	182	273	0758	2 JAN 1981	002	02:24:23	38.7	41236.9	-39.5	36.8	-1.7	45.9
1121	NSSD34	3	262	257	0758	2 JAN 1981	002	06:11:29	27.8	59678.1	-25.3	30.9	-1.7	46.1
1122	NSSD34	4	301	257	0759	2 JAN 1981	002	10:54:53	22.5	66336.3	-13.5	27.1	-1.7	46.4
1123	NSSD34	5	262	246	0759	2 JAN 1981	002	15:59:13	23.7	56231.8	-0.1	23.2	-1.7	46.8
1124	NSSD34	6	169	233	0759	2 JAN 1981	002	19:32:47	33.4	35633.6	16.1	18.4	-1.7	47.0
1125	NSSD34	7	181	272	0759	3 JAN 1981	003	02:26:11	39.2	41153.6	-39.6	36.8	-1.6	47.5
1126	NSSD34	8	263	258	0759	3 JAN 1981	003	06:11:59	28.8	59529.3	-25.4	30.9	-1.6	47.7
1127	NSSD34	9	298	253	0760	3 JAN 1981	003	10:54:36	23.9	66343.8	-13.6	27.1	-1.6	48.0
1128	NSSD35	1	255	240	0760	3 JAN 1981	003	15:59:32	25.2	56414.2	-0.3	23.2	-1.6	48.4
1129	NSSD35	2	172	235	0760	3 JAN 1981	003	19:34:22	34.6	35727.7	16.0	18.4	-1.6	48.6
1130	NSSD35	3	179	268	0760	4 JAN 1981	004	02:27:56	39.8	40946.9	-39.7	36.9	-1.5	49.1
1131	NSSD35	4	262	256	0760	4 JAN 1981	004	06:12:17	29.8	59435.2	-25.5	31.0	-1.5	49.3
1132	NSSD35	5	300	254	0761	4 JAN 1981	004	10:53:50	25.4	66352.5	-13.7	27.1	-1.5	49.6
1133	NSSD35	6	262	244	0761	4 JAN 1981	004	15:59:15	26.7	56594.8	-0.4	23.2	-1.5	50.0
1134	NSSD35	7	169	226	0761	4 JAN 1981	004	19:35:34	35.8	35963.6	15.8	18.5	-1.5	50.2
1136	NSSD35	8	261	254	0761	5 JAN 1981	005	06:11:53	30.9	59227.2	-25.7	31.0	-1.4	50.9
1137	NSSD35	9	298	251	0762	5 JAN 1981	005	10:52:22	26.8	66358.5	-13.9	27.2	-1.4	51.2
1138	NSSD35	10	262	242	0762	5 JAN 1981	005	15:58:33	28.3	56840.6	-0.6	23.3	-1.4	51.6
1143	NSSD35	11	195	202	0763	6 JAN 1981	006	17:19:31	31.7	51100.5	3.9	22.0	-1.3	53.3
1147	NSSD35	12	253	225	0764	7 JAN 1981	007	12:38:47	29.7	65265.8	-9.8	26.0	-1.3	54.5
1153	NSSD35	13	223	231	0765	8 JAN 1981	008	18:03:40	36.0	47683.6	6.5	21.3	-1.1	56.5
1155	NSSD35	14	279	252	0765	9 JAN 1981	009	08:13:34	33.7	63900.3	-20.6	29.3	-1.1	57.4
1162	NSSD36	1	205	271	0767	11 JAN 1981	011	03:29:46	42.3	45596.1	-36.2	35.1	-0.9	60.3
1166	NSSD36	2	205	271	0768	12 JAN 1981	012	03:30:35	43.3	45416.3	-36.3	35.1	-0.8	61.9

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE (KM)	SUBSPACECRAFT LAT	LONG	SUBSOLAR LAT	LONG
1190	NSSD36	3	204	263	0774	18 JAN 1981	018	03:34:36	49.7	44130.3	-37.3	35.5	-0.3	71.4
1197	NSSD36	4	232	215	0776	19 JAN 1981	019	18:24:21	52.7	48513.3	6.0	21.6	-0.1	74.0
1198	NSSD36	5	200	254	0776	20 JAN 1981	020	03:35:15	52.0	43639.0	-37.6	35.6	-0.1	74.6
1201	NSSD36	6	227	207	0777	20 JAN 1981	020	18:23:58	54.1	48868.9	5.8	21.7	0.0	75.6
1206	NSSD36	7	200	251	0778	22 JAN 1981	022	03:35:55	54.3	43063.8	-38.1	35.7	0.1	77.8
1210	NSSD36	8	198	248	0779	23 JAN 1981	023	03:36:25	55.5	42909.2	-38.2	35.8	0.2	79.4
1214	NSSD36	9	207	243	0780	24 JAN 1981	024	03:55:01	56.3	44654.5	-36.9	35.2	0.3	81.0
1218	NSSD36	10	206	240	0782	25 JAN 1981	025	03:54:58	57.6	44284.1	-37.1	35.3	0.4	82.6
1246	NSSD36	11	201	221	0788	1 FEB 1981	032	03:55:46	66.1	42405.7	-38.6	35.8	1.0	93.7
1247	NSSD36	12	283	208	0788	1 FEB 1981	032	08:04:07	66.6	61237.5	-23.7	30.2	1.0	93.9
1250	NSSD36	13	196	216	0789	2 FEB 1981	033	03:55:58	67.4	42128.6	-38.8	35.9	1.1	95.2
1252	NSSD36	14	299	194	0790	2 FEB 1981	033	13:28:54	70.2	65639.4	-10.5	26.3	1.1	95.9
1253	NSSD37	1	239	178	0790	2 FEB 1981	033	18:35:12	74.0	50799.4	4.3	22.2	1.2	96.2
1254	NSSD37	2	200	215	0790	3 FEB 1981	034	03:56:06	68.6	41969.6	-39.0	36.0	1.2	96.8
1257	NSSD37	3	224	170	0791	3 FEB 1981	034	18:34:20	75.5	51096.3	4.1	22.3	1.3	97.8
1258	NSSD37	4	199	213	0791	4 FEB 1981	035	03:56:27	69.8	41688.8	-39.2	36.0	1.3	98.4
1266	NSSD37	5	226	214	0793	6 FEB 1981	037	04:50:00	72.6	46905.4	-35.4	34.3	1.5	101.6
1267	NSSD37	6	284	193	0793	6 FEB 1981	037	09:01:52	74.3	63051.1	-22.1	29.5	1.5	101.9
1268	NSSD37	7	281	175	0794	6 FEB 1981	037	14:36:50	77.1	64308.1	-8.7	25.6	1.5	102.3
1269	NSSD37	8	211	156	0794	6 FEB 1981	037	19:43:10	81.4	45251.4	7.7	21.1	1.5	102.6
1273	NSSD37	9	223	158	0795	7 FEB 1981	038	19:36:19	82.8	45995.0	7.8	21.3	1.6	104.2
1274	NSSD37	10	220	205	0795	8 FEB 1981	039	04:45:23	75.1	46205.5	-35.8	34.5	1.6	104.8
1275	NSSD37	11	287	188	0795	8 FEB 1981	039	08:49:27	77.1	62513.3	-22.3	29.7	1.6	105.1
1276	NSSD37	12	300	176	0796	8 FEB 1981	039	14:17:58	80.0	64825.2	-9.0	25.8	1.7	105.4
1277	NSSD37	13	227	157	0796	8 FEB 1981	039	19:30:17	84.2	46684.9	7.4	21.4	1.7	105.8
1278	NSSD37	14	217	203	0796	9 FEB 1981	040	04:42:35	76.4	45781.5	-36.1	34.7	1.7	106.4
1280	NSSD38	1	299	173	0797	9 FEB 1981	040	14:13:17	81.5	64949.5	-9.2	25.9	1.7	107.0
1281	NSSD38	2	227	154	0797	9 FEB 1981	040	19:28:42	85.6	47032.6	7.1	21.5	1.8	107.3
1285	NSSD38	3	228	151	0798	10 FEB 1981	041	19:26:29	87.1	47336.2	6.9	21.6	1.8	108.9
1297	NSSD38	4	232	143	0801	13 FEB 1981	044	19:20:10	91.6	48239.0	6.2	21.8	2.1	113.7
1299	NSSD38	5	286	172	0801	14 FEB 1981	045	08:24:25	85.7	61172.9	-23.8	30.2	2.1	114.5
1300	NSSD38	6	304	160	0802	14 FEB 1981	045	13:49:59	89.0	65544.3	-10.4	26.3	2.1	114.9
1304	NSSD38	7	305	157	0803	15 FEB 1981	046	13:44:18	90.5	65649.8	-10.7	26.3	2.2	116.5
1309	NSSD38	8	232	132	0804	16 FEB 1981	047	19:13:17	96.2	49203.8	5.4	22.0	2.3	118.4
1313	NSSD38	9	238	132	0805	17 FEB 1981	048	19:11:04	97.7	49487.6	5.2	22.1	2.4	120.0
1314	NSSD38	10	281	158	0805	18 FEB 1981	049	08:08:15	91.3	60204.3	-24.8	30.5	2.4	120.8
1323	NSSD38	11	241	123	0808	20 FEB 1981	051	19:03:08	102.2	50466.1	4.5	22.3	2.5	124.7
1327	NSSD38	12	240	120	0809	21 FEB 1981	052	19:00:33	103.7	50823.7	4.2	22.3	2.6	126.3
1330	NSSD38	13	243	118	0810	22 FEB 1981	053	18:58:37	105.2	51088.8	4.0	22.4	2.7	127.9
1338	NSSD38	14	239	111	0812	24 FEB 1981	055	19:16:46	108.6	49728.1	5.0	22.1	2.8	131.0
1342	NSSD39	1	240	109	0813	25 FEB 1981	056	19:14:56	110.1	50004.4	4.8	22.1	2.8	132.6
1347	NSSD39	2	215	141	0814	27 FEB 1981	058	05:27:17	100.6	48137.0	-34.4	34.0	2.9	134.9
1350	NSSD39	3	231	99	0815	27 FEB 1981	058	19:23:54	113.4	49412.6	5.2	22.0	2.9	135.8
1351	NSSD39	4	219	141	0815	28 FEB 1981	059	05:25:04	101.8	47838.2	-34.6	34.1	2.9	136.5
1353	NSSD39	5	302	117	0816	28 FEB 1981	059	14:22:35	111.1	65222.3	-9.8	26.1	3.0	137.1
1354	NSSD39	6	238	99	0816	28 FEB 1981	059	19:22:04	114.9	49598.6	5.1	22.0	3.0	137.4
1355	NSSD39	7	211	135	0816	1 MAR 1981	060	05:23:10	103.0	47502.6	-34.9	34.3	3.0	138.0
1356	NSSD39	8	284	126	0816	1 MAR 1981	060	08:50:40	107.8	61537.1	-23.5	30.1	3.0	138.3
1357	NSSD39	9	305	116	0817	1 MAR 1981	060	14:18:46	112.6	65325.5	-10.1	26.2	3.0	138.6
1360	NSSD39	10	281	122	0817	2 MAR 1981	061	08:47:10	109.2	61365.4	-23.6	30.2	3.0	139.8
1368	NSSD39	11	275	115	0819	4 MAR 1981	063	08:39:51	111.9	60881.8	-24.1	30.4	3.1	143.0
1376	NSSD39	12	270	109	0821	6 MAR 1981	065	08:33:10	114.6	60476.4	-24.5	30.5	3.2	146.2
1380	NSSD39	13	275	109	0822	7 MAR 1981	066	08:30:45	115.9	60267.6	-24.7	30.6	3.2	147.7
1381	NSSD39	14	294	96	0823	7 MAR 1981	066	14:33:22	122.1	65148.3	-9.7	26.1	3.2	148.1
1382	NSSD40	1	234	81	0823	7 MAR 1981	066	19:31:48	125.9	49552.4	5.1	22.0	3.2	148.5

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	LONG	SUBSOLAR LAT	LONG
1398	NSSD40	2	288	97	0827	12 MAR 1981	071	09:19:31	124.1	62171.4	-22.8	30.0	3.3	155.7
1402	NSSD40	3	279	93	0828	13 MAR 1981	072	09:16:28	125.4	61982.0	-23.0	30.1	3.4	157.3
1411	NSSD40	4	221	83	0892	15 MAY 1981	135	21:02:43	122.6	48875.6	6.6	21.6	-0.2	-101.2
1414	NSSD40	5	222	86	0893	16 MAY 1981	136	21:05:27	121.0	48589.6	6.8	21.6	-0.3	-99.6
1420	NSSD40	6	217	89	0895	18 MAY 1981	138	21:10:20	117.7	48106.1	7.2	21.5	-0.4	-96.4
1427	NSSD40	7	254	95	0897	20 MAY 1981	140	16:29:38	118.6	64200.0	-7.6	25.5	-0.6	-93.5
1433	NSSD40	8	191	105	0898	22 MAY 1981	142	06:45:15	117.7	46302.5	-35.3	34.4	-0.8	-90.9
1434	NSSD40	9	243	100	0898	22 MAY 1981	142	10:36:20	117.6	61896.9	-22.3	29.8	-0.8	-90.6
1435	NSSD40	10	259	101	0899	22 MAY 1981	142	16:03:05	115.6	64828.3	-8.7	25.8	-0.8	-90.3
1438	NSSD40	11	249	105	0899	23 MAY 1981	143	10:40:23	116.1	62052.9	-22.1	29.7	-0.9	-89.0
1439	NSSD40	12	258	104	0900	23 MAY 1981	143	16:07:30	114.0	64743.6	-8.5	25.8	-0.9	-88.6
1440	NSSD40	13	205	101	0900	23 MAY 1981	143	20:59:27	110.0	49045.7	6.4	21.7	-0.9	-88.3
1444	NSSD40	14	206	104	0901	24 MAY 1981	144	21:02:38	108.4	48761.3	6.7	21.7	-1.0	-86.7
1448	NSSD41	1	206	108	0902	25 MAY 1981	145	21:05:55	106.7	48473.7	6.9	21.7	-1.1	-85.1
1450	NSSD41	2	207	100	0902	26 MAY 1981	146	10:53:52	111.5	62582.5	-21.5	29.5	-1.1	-84.1
1451	NSSD41	3	223	101	0903	26 MAY 1981	146	16:56:41	108.7	63385.2	-6.4	25.2	-1.2	-83.7
1460	NSSD41	4	217	118	0905	28 MAY 1981	148	20:46:28	102.3	50102.1	5.6	22.0	-1.4	-80.2
1461	NSSD41	5	128	91	0905	29 MAY 1981	149	06:39:53	108.5	45818.3	-35.7	34.5	-1.4	-79.6
1462	NSSD41	6	247	121	0905	29 MAY 1981	149	09:23:56	107.5	58442.6	-25.7	30.9	-1.4	-79.4
1464	NSSD41	7	222	121	0906	29 MAY 1981	149	20:26:18	101.1	51744.8	4.3	22.4	-1.4	-78.6
1467	NSSD41	8	213	119	0907	30 MAY 1981	150	20:29:40	99.4	51517.6	4.5	22.3	-1.5	-77.0
1470	NSSD41	9	222	128	0908	31 MAY 1981	151	20:32:56	97.8	51230.5	4.7	22.3	-1.6	-75.4
1474	NSSD41	10	215	127	0909	1 JUN 1981	152	20:35:53	96.1	50998.2	4.9	22.2	-1.7	-73.8
1480	NSSD41	11	247	137	0910	3 JUN 1981	154	09:13:29	100.2	57923.4	-26.2	31.0	-1.8	-71.3
1483	NSSD41	12	220	137	0911	3 JUN 1981	154	20:42:05	92.8	50347.4	5.4	22.1	-1.9	-70.5
1488	NSSD41	13	249	144	0912	5 JUN 1981	156	09:20:01	97.2	58347.9	-25.8	30.9	-2.0	-68.0
1496	NSSD41	14	246	151	0914	7 JUN 1981	158	08:58:19	94.4	57104.4	-26.9	31.3	-2.1	-64.8
1497	NSSD42	1	280	153	0915	7 JUN 1981	158	14:43:12	90.7	65961.7	-11.9	26.7	-2.2	-64.4
1498	NSSD42	2	221	149	0915	7 JUN 1981	158	20:28:31	86.6	51435.3	4.5	22.4	-2.2	-64.1
1506	NSSD42	3	218	152	0917	9 JUN 1981	160	20:34:04	83.3	50883.1	4.9	22.3	-2.3	-60.8
1512	NSSD42	4	252	166	0918	11 JUN 1981	162	09:13:10	88.3	58026.4	-26.2	31.0	-2.4	-58.3
1513	NSSD42	5	262	158	0919	11 JUN 1981	162	15:02:12	84.1	65779.0	-11.1	26.5	-2.4	-57.9
1517	NSSD42	6	276	168	0920	12 JUN 1981	163	15:06:50	82.4	65725.8	-11.0	26.5	-2.5	-56.3
1518	NSSD42	7	218	164	0920	12 JUN 1981	163	20:42:48	78.3	50166.6	5.5	22.1	-2.5	-55.9
1519	NSSD42	8	129	121	0920	13 JUN 1981	164	06:36:04	88.3	45892.2	-35.7	34.5	-2.5	-55.2
1520	NSSD42	9	251	170	0920	13 JUN 1981	164	09:20:50	85.2	58465.8	-25.8	30.9	-2.6	-55.1
1521	NSSD42	10	275	170	0921	13 JUN 1981	164	15:11:56	80.8	65659.6	-10.8	26.4	-2.6	-54.7
1522	NSSD42	11	217	167	0921	13 JUN 1981	164	20:45:36	76.7	49862.0	5.7	22.0	-2.6	-54.3
1524	NSSD42	12	254	175	0921	14 JUN 1981	165	09:24:18	83.7	58719.0	-25.6	30.8	-2.6	-53.4
1529	NSSD42	13	264	168	0923	15 JUN 1981	166	15:20:44	77.5	65531.7	-10.4	26.3	-2.7	-51.4
1534	NSSD42	14	211	172	0924	16 JUN 1981	167	20:43:05	71.9	49981.4	5.6	22.1	-2.8	-49.4
1537	NSSD43	1	278	180	0925	17 JUN 1981	168	14:46:01	74.7	65911.7	-11.7	26.7	-2.8	-48.2
1538	NSSD43	2	221	180	0925	17 JUN 1981	168	20:31:51	70.4	50965.8	4.8	22.3	-2.8	-47.8
1544	NSSD43	3	247	185	0926	19 JUN 1981	170	09:06:51	76.6	57752.7	-26.4	31.1	-2.9	-45.3
1545	NSSD43	4	276	187	0927	19 JUN 1981	170	14:55:24	71.3	65823.9	-11.4	26.6	-2.9	-44.9
1548	NSSD43	5	234	176	0927	20 JUN 1981	171	09:10:14	75.1	57977.2	-26.2	31.1	-2.9	-43.7
1552	NSSD43	6	242	186	0928	21 JUN 1981	172	09:13:14	73.5	58157.8	-26.1	31.0	-3.0	-42.1
1553	NSSD43	7	272	189	0929	21 JUN 1981	172	15:03:01	68.0	65728.0	-11.1	26.5	-3.0	-41.7
1554	NSSD43	8	217	192	0929	21 JUN 1981	172	20:41:21	63.9	50065.9	5.5	22.1	-3.0	-41.3
1560	NSSD43	9	278	198	0931	23 JUN 1981	174	14:34:35	65.2	65982.7	-12.2	26.9	-3.1	-38.5
1565	NSSD43	10	250	205	0932	25 JUN 1981	176	09:06:41	67.8	57803.1	-26.4	31.2	-3.2	-35.6
1566	NSSD43	11	275	202	0933	25 JUN 1981	176	14:41:38	61.9	65928.3	-11.9	26.8	-3.2	-35.2
1572	NSSD43	12	242	205	0934	27 JUN 1981	178	09:01:38	65.1	57507.7	-26.6	31.3	-3.2	-32.3
1578	NSSD43	13	212	201	0936	28 JUN 1981	179	20:32:34	52.7	50675.3	5.0	22.1	-3.3	-29.9
1586	NSSD43	14	221	209	0938	30 JUN 1981	181	20:10:45	49.7	52465.8	3.6	22.5	-3.3	-26.7

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE (KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
1589	NSSD44	1	278	219	0939	1 JUL 1981	182	14:22:32	52.7	66019.4	-12.7	27.0	-3.3	-25.5
1590	NSSD44	2	224	215	0939	1 JUL 1981	182	20:12:11	48.0	52269.7	3.8	22.5	-3.3	-25.1
1593	NSSD44	3	277	221	0940	2 JUL 1981	183	14:24:51	51.1	66006.3	-12.6	27.0	-3.3	-23.8
1594	NSSD44	4	223	216	0940	2 JUL 1981	183	20:13:33	46.4	52183.3	3.9	22.4	-3.3	-23.4
1595	NSSD44	5	232	217	0940	3 JUL 1981	184	08:46:27	57.0	56625.7	-27.4	31.6	-3.4	-22.6
1598	NSSD44	6	226	221	0941	3 JUL 1981	184	20:15:13	44.8	52012.8	4.0	22.4	-3.4	-21.8
1600	NSSD44	7	241	227	0941	4 JUL 1981	185	08:49:00	55.5	56820.7	-27.2	31.6	-3.4	-21.0
1601	NSSD44	8	276	225	0942	4 JUL 1981	185	14:30:47	47.8	65965.2	-12.3	26.9	-3.4	-20.6
1602	NSSD44	9	224	221	0942	4 JUL 1981	185	20:17:09	43.1	51840.9	4.1	22.3	-3.4	-20.2
1604	NSSD44	10	242	228	0942	5 JUL 1981	186	08:51:41	54.0	56948.5	-27.1	31.5	-3.4	-19.3
1605	NSSD44	11	278	229	0943	5 JUL 1981	186	14:33:47	46.2	65941.7	-12.2	26.8	-3.4	-19.0
1606	NSSD44	12	217	216	0943	5 JUL 1981	186	20:18:42	41.5	51750.0	4.2	22.3	-3.4	-18.6
1608	NSSD44	13	232	223	0943	6 JUL 1981	187	08:53:55	52.6	57075.6	-27.0	31.5	-3.4	-17.7
1609	NSSD44	14	278	231	0944	6 JUL 1981	187	14:36:48	44.5	65918.6	-12.0	26.8	-3.4	-17.3
1610	NSSD45	1	216	221	0944	6 JUL 1981	187	20:20:37	39.9	51575.2	4.4	22.2	-3.4	-16.9
1612	NSSD45	2	234	227	0944	7 JUL 1981	188	08:56:50	51.1	57243.4	-26.9	31.5	-3.4	-16.1
1613	NSSD45	3	280	234	0945	7 JUL 1981	188	14:39:49	42.9	65891.2	-11.9	26.8	-3.4	-15.7
1614	NSSD45	4	223	226	0945	7 JUL 1981	188	20:22:02	38.3	51428.5	4.5	22.2	-3.4	-15.3
1616	NSSD45	5	240	234	0945	8 JUL 1981	189	08:58:38	49.7	57388.1	-26.7	31.4	-3.4	-14.5
1617	NSSD45	6	275	232	0946	8 JUL 1981	189	14:41:55	41.3	65870.6	-11.8	26.7	-3.4	-14.1
1618	NSSD45	7	216	223	0946	8 JUL 1981	189	20:23:12	36.7	51309.9	4.6	22.2	-3.4	-13.7
1620	NSSD45	8	244	238	0946	9 JUL 1981	190	09:00:31	48.2	57510.5	-26.6	31.4	-3.4	-12.8
1621	NSSD45	9	271	230	0947	9 JUL 1981	190	14:43:59	39.7	65849.2	-11.7	26.7	-3.4	-12.5
1622	NSSD45	10	220	228	0947	9 JUL 1981	190	20:24:14	35.1	51219.6	4.6	22.1	-3.4	-12.1
1624	NSSD45	11	243	239	0947	10 JUL 1981	191	09:02:24	46.8	57611.0	-26.5	31.4	-3.4	-11.2
1625	NSSD45	12	278	237	0948	10 JUL 1981	191	14:46:17	38.0	65817.4	-11.6	26.7	-3.4	-10.8
1626	NSSD45	13	220	230	0948	10 JUL 1981	191	20:25:36	33.5	51128.9	4.7	22.1	-3.4	-10.4
1628	NSSD45	14	244	243	0948	11 JUL 1981	192	09:04:39	45.4	57731.3	-26.4	31.3	-3.4	-9.6
1629	NSSD46	1	277	239	0949	11 JUL 1981	192	14:48:25	36.4	65797.0	-11.5	26.7	-3.4	-9.2
1630	NSSD46	2	218	230	0949	11 JUL 1981	192	20:26:29	31.9	51037.8	4.8	22.1	-3.4	-8.8
1632	NSSD46	3	239	241	0949	12 JUL 1981	193	09:05:47	44.1	57789.1	-26.3	31.3	-3.4	-8.0
1638	NSSD46	4	218	232	0951	13 JUL 1981	194	20:27:37	28.8	50942.5	4.9	22.0	-3.4	-5.6
1640	NSSD46	5	240	245	0951	14 JUL 1981	195	09:08:17	41.4	57944.4	-26.2	31.3	-3.4	-4.7
1641	NSSD46	6	276	242	0952	14 JUL 1981	195	14:52:18	31.7	65743.1	-11.3	26.6	-3.3	-4.3
1642	NSSD46	7	218	235	0952	14 JUL 1981	195	20:28:26	27.2	50880.0	5.0	22.0	-3.3	-4.0
1645	NSSD46	8	274	243	0953	15 JUL 1981	196	14:54:10	30.1	65720.3	-11.2	26.6	-3.3	-2.7
1646	NSSD46	9	207	232	0953	15 JUL 1981	196	20:52:41	25.8	48767.5	6.6	21.5	-3.3	-2.3
1647	NSSD46	10	187	249	0953	16 JUL 1981	197	06:23:26	47.5	44917.4	-36.4	35.3	-3.3	-1.7
1648	NSSD46	11	261	248	0953	16 JUL 1981	197	10:45:20	35.3	62511.4	-21.6	29.7	-3.3	-1.4
1649	NSSD46	12	271	243	0954	16 JUL 1981	197	16:06:54	27.0	64466.3	-8.2	25.7	-3.3	-1.0
1650	NSSD46	13	210	236	0954	16 JUL 1981	197	20:53:26	24.3	48667.1	6.7	21.5	-3.3	-0.7
1651	NSSD46	14	177	250	0954	17 JUL 1981	198	06:13:17	47.2	43844.9	-37.3	35.7	-3.3	-0.1
1653	NSSD47	1	269	242	0955	17 JUL 1981	198	16:08:02	25.4	64410.5	-8.1	25.7	-3.3	0.6
1659	NSSD47	2	271	246	0957	19 JUL 1981	200	16:10:21	22.2	64358.4	-8.0	25.6	-3.2	3.8
1660	NSSD47	3	211	238	0957	19 JUL 1981	200	20:54:57	19.9	48623.3	6.8	21.4	-3.2	4.2
1661	NSSD47	4	183	260	0957	20 JUL 1981	201	06:15:55	44.2	44020.2	-37.1	35.7	-3.2	4.8
1662	NSSD47	5	255	250	0957	20 JUL 1981	201	10:50:31	30.0	62661.1	-21.3	29.7	-3.2	5.1
1663	NSSD47	6	267	243	0958	20 JUL 1981	201	16:11:02	20.6	64336.6	-8.0	25.6	-3.2	5.5
1664	NSSD47	7	210	238	0958	20 JUL 1981	201	20:55:09	18.6	48523.5	6.9	21.4	-3.2	5.8
1666	NSSD47	8	254	248	0958	21 JUL 1981	202	10:51:24	28.7	62694.7	-21.3	29.7	-3.2	6.7
1668	NSSD47	9	210	239	0959	21 JUL 1981	202	20:55:33	17.2	48519.5	6.9	21.4	-3.2	7.4
1670	NSSD47	10	247	243	0959	22 JUL 1981	203	11:40:19	25.7	64209.3	-19.1	29.0	-3.1	8.4
1672	NSSD47	11	198	242	0960	22 JUL 1981	203	21:31:20	17.2	45011.8	9.7	20.6	-3.1	9.1
1673	NSSD47	12	158	238	0960	23 JUL 1981	204	06:34:17	40.1	45958.7	-35.6	35.0	-3.1	9.7
1674	NSSD47	13	250	253	0960	23 JUL 1981	204	10:24:08	27.5	61643.6	-22.5	30.1	-3.1	9.9

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANG °	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT		SUBSOLAR LAT		
1675	NSSD48	1	268	252	0961	23 JUL 1981	204	15:50:17	16.5	64803.6	-8.8	25.9	-3.1	10.3	
1676	NSSD48	2	207	238	0961	23 JUL 1981	204	20:47:18	14.4	49207.8	6.4	21.5	-3.1	10.6	
1677	NSSD48	3	241	255	0961	24 JUL 1981	205	09:33:04	28.7	59258.3	-24.9	30.9	-3.1	11.5	
1678	NSSD48	4	275	256	0962	24 JUL 1981	205	15:15:28	16.0	65424.1	-10.3	26.3	-3.1	11.9	
1679	NSSD48	5	212	245	0962	24 JUL 1981	205	20:47:35	13.2	49204.2	6.4	21.5	-3.0	12.2	
1680	NSSD48	6	245	260	0962	25 JUL 1981	206	09:34:03	27.7	59291.1	-24.8	30.9	-3.0	13.1	
1682	NSSD48	7	212	245	0963	25 JUL 1981	206	20:47:40	12.1	49231.7	6.4	21.5	-3.0	13.9	
1683	NSSD48	8	243	260	0963	26 JUL 1981	207	09:34:48	26.8	59287.2	-24.8	30.9	-3.0	14.7	
1684	NSSD48	9	274	256	0964	26 JUL 1981	207	15:16:34	13.2	65406.0	-10.2	26.3	-3.0	15.1	
1685	NSSD48	10	212	245	0964	26 JUL 1981	207	20:47:42	11.2	49228.0	6.4	21.5	-3.0	15.5	
1686	NSSD48	11	244	260	0964	27 JUL 1981	208	09:35:22	25.9	59338.2	-24.7	30.9	-2.9	16.3	
1687	NSSD48	12	265	249	0965	27 JUL 1981	208	15:16:41	11.9	65402.2	-10.2	26.3	-2.9	16.7	
1688	NSSD48	13	212	245	0965	27 JUL 1981	208	20:47:28	10.4	49224.5	6.5	21.5	-2.9	17.1	
1689	NSSD48	14	238	258	0965	28 JUL 1981	209	09:35:33	25.2	59316.4	-24.7	30.9	-2.9	17.9	
1691	NSSD49	1	211	244	0966	28 JUL 1981	209	20:47:10	9.7	49252.2	6.5	21.5	-2.9	18.7	
1692	NSSD49	2	242	261	0966	29 JUL 1981	210	09:35:42	24.5	59312.8	-24.7	30.9	-2.8	19.5	
1693	NSSD49	3	273	256	0967	29 JUL 1981	210	15:16:14	9.7	65400.0	-10.2	26.3	-2.8	19.9	
1694	NSSD49	4	209	241	0967	29 JUL 1981	210	20:46:44	9.3	49342.0	6.4	21.5	-2.8	20.3	
1695	NSSD49	5	233	250	0967	30 JUL 1981	211	09:35:47	23.8	59309.3	-24.7	30.9	-2.8	21.2	
1696	NSSD49	6	272	254	0968	30 JUL 1981	211	15:15:56	8.8	65411.6	-10.2	26.3	-2.8	21.5	
1697	NSSD49	7	203	237	0968	30 JUL 1981	211	20:46:22	9.2	49338.8	6.4	21.5	-2.8	21.9	
1698	NSSD49	8	244	263	0968	31 JUL 1981	212	09:36:13	23.3	59360.6	-24.7	30.8	-2.7	22.8	
1699	NSSD49	9	272	255	0969	31 JUL 1981	212	15:16:11	8.0	65393.0	-10.1	26.2	-2.7	23.2	
1700	NSSD49	10	204	239	0969	31 JUL 1981	212	20:46:24	9.4	49335.6	6.4	21.5	-2.7	23.5	
1702	NSSD49	11	209	240	0970	1 AUG 1981	213	20:46:05	9.8	49363.6	6.4	21.5	-2.6	25.1	
1703	NSSD49	12	183	275	0970	2 AUG 1981	214	06:19:53	35.3	44309.5	-36.8	35.6	-2.6	25.8	
1704	NSSD49	13	210	243	0971	2 AUG 1981	214	20:45:35	10.4	49453.4	6.4	21.5	-2.6	26.7	
1705	NSSD49	14	204	238	0972	3 AUG 1981	215	20:45:08	11.2	49450.6	6.4	21.5	-2.5	28.3	
1706	NSSD50	1	207	236	0973	4 AUG 1981	216	20:44:23	12.2	49571.2	6.3	21.5	-2.5	30.0	
1707	NSSD50	2	212	242	0974	5 AUG 1981	217	20:43:40	13.2	49660.7	6.3	21.5	-2.4	31.6	
1708	NSSD50	3	206	237	0975	6 AUG 1981	218	20:43:09	14.5	49658.3	6.3	21.5	-2.3	33.2	
1709	NSSD50	4	207	238	0976	7 AUG 1981	219	20:42:26	15.7	49747.7	6.3	21.6	-2.2	34.8	
1710	NSSD50	5	208	237	0977	8 AUG 1981	220	20:42:09	17.0	49775.8	6.2	21.6	-2.2	36.4	
1711	NSSD50	6	210	237	0978	9 AUG 1981	221	20:41:37	18.3	49865.1	6.2	21.6	-2.1	38.0	
1712	NSSD50	7	210	237	0979	10 AUG 1981	222	20:40:20	19.7	49924.1	6.2	21.6	-2.0	39.6	
1713	NSSD50	8	212	237	0980	11 AUG 1981	223	20:39:09	21.1	50043.4	6.1	21.6	-1.9	41.2	
1715	NSSD50	9	212	236	0982	13 AUG 1981	225	20:37:31	24.0	50220.6	6.0	21.7	-1.8	44.4	
1716	NSSD50	10	213	234	0983	14 AUG 1981	226	20:36:36	25.4	50309.1	5.9	21.7	-1.7	46.0	
1717	NSSD50	11	210	229	0984	15 AUG 1981	227	20:35:26	26.9	50397.2	5.9	21.7	-1.6	47.6	
1718	NSSD50	12	212	231	0985	16 AUG 1981	228	20:34:08	28.4	50455.6	5.9	21.7	-1.5	49.2	
1720	NSSD50	13	212	225	0988	19 AUG 1981	231	20:30:11	32.8	50836.0	5.6	21.8	-1.3	53.9	
1721	NSSD50	14	215	227	0989	20 AUG 1981	232	20:28:52	34.3	51013.0	5.5	21.9	-1.2	55.5	
1722	NSSD51	1	210	220	0990	21 AUG 1981	233	20:27:24	35.8	51071.5	5.5	21.9	-1.1	57.1	
1723	NSSD51	2	214	223	0991	22 AUG 1981	234	20:25:59	37.3	51244.2	5.3	21.9	-1.0	58.7	
1724	NSSD51	3	206	210	0992	23 AUG 1981	235	20:24:21	38.8	51330.1	5.3	22.0	-0.9	60.3	
1725	NSSD51	4	213	216	0993	24 AUG 1981	236	20:22:56	40.3	51501.1	5.2	22.0	-0.8	61.9	
1727	NSSD51	5	197	208	0995	26 AUG 1981	238	21:02:49	44.6	48034.4	7.9	21.3	-0.6	65.1	
1728	NSSD51	6	200	208	0996	27 AUG 1981	239	21:08:33	46.3	47476.9	8.4	21.2	-0.6	66.7	
1729	NSSD51	7	201	209	0997	28 AUG 1981	240	21:06:48	47.8	47642.4	8.3	21.2	-0.5	68.3	
1730	NSSD51	8	202	207	0998	29 AUG 1981	241	21:04:57	49.2	47807.2	8.1	21.3	-0.4	69.9	
1731	NSSD51	9	203	206	0999	30 AUG 1981	242	21:03:13	50.7	47905.8	8.1	21.3	-0.3	71.5	
1732	NSSD51	10	205	204	1000	31 AUG 1981	243	21:01:34	52.2	48101.5	7.9	21.3	-0.2	73.1	
1733	NSSD51	11	205	202	1001	1 SEP 1981	244	20:59:39	53.7	48263.8	7.8	21.4	-0.1	74.7	
1734	NSSD51	12	204	199	1002	2 SEP 1981	245	20:57:53	55.2	48428.7	7.7	21.4	0.0	76.2	
1735	NSSD51	13	206	197	1003	3 SEP 1981	246	20:55:55	56.7	48622.0	7.5	21.5	0.1	77.8	

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	LONG	SUBSOLAR LAT	LONG
1736	NSSD51	14	196	185	1004	4 SEP 1981	247	20:53:50	58.2	48781.5	7.4	21.5	0.2	79.4
1737	NSSD52	1	201	185	1005	5 SEP 1981	248	20:51:47	59.7	48940.0	7.3	21.6	0.3	81.0
1738	NSSD52	2	210	192	1006	6 SEP 1981	249	20:50:01	61.2	49035.1	7.2	21.6	0.4	82.6
1739	NSSD52	3	208	186	1007	7 SEP 1981	250	20:48:07	62.7	49223.4	7.1	21.7	0.5	84.2
1740	NSSD52	4	212	188	1008	8 SEP 1981	251	20:46:19	64.2	49348.5	7.0	21.7	0.6	85.8
1741	NSSD52	5	212	184	1009	9 SEP 1981	252	20:43:59	65.7	49626.7	6.8	21.8	0.7	87.3
1742	NSSD52	6	209	179	1010	10 SEP 1981	253	20:41:24	67.2	49780.5	6.6	21.8	0.8	88.9
1743	NSSD52	7	213	179	1011	11 SEP 1981	254	20:38:50	68.7	50024.0	6.4	21.9	0.8	90.5
1744	NSSD52	8	214	178	1012	12 SEP 1981	255	20:36:15	70.2	50178.6	6.3	21.9	0.9	92.1
1745	NSSD52	9	216	174	1013	13 SEP 1981	256	20:33:57	71.7	50389.4	6.2	22.0	1.0	93.7
1746	NSSD52	10	211	169	1014	14 SEP 1981	257	20:31:40	73.2	50568.2	6.0	22.0	1.1	95.2
1747	NSSD52	11	213	167	1015	15 SEP 1981	258	20:29:21	74.7	50716.4	5.9	22.1	1.2	96.8
1748	NSSD52	12	216	165	1016	16 SEP 1981	259	20:27:09	76.2	50863.6	5.8	22.1	1.3	98.4
1749	NSSD52	13	214	161	1017	17 SEP 1981	260	20:24:55	77.7	51096.9	5.6	22.2	1.4	100.0
1751	NSSD52	14	234	161	1019	19 SEP 1981	262	19:30:42	80.0	55086.7	2.3	23.0	1.5	103.1
1753	NSSD53	1	231	153	1021	21 SEP 1981	264	19:25:27	83.1	55421.1	2.1	23.1	1.7	106.2
1754	NSSD53	2	234	151	1022	22 SEP 1981	265	19:22:08	84.6	55586.0	1.9	23.2	1.8	107.8
1755	NSSD53	3	235	149	1023	23 SEP 1981	266	19:19:33	86.1	55795.6	1.7	23.2	1.9	109.4
1756	NSSD53	4	234	145	1024	24 SEP 1981	267	19:17:14	87.7	55888.2	1.6	23.2	1.9	111.0
1757	NSSD53	5	214	139	1025	25 SEP 1981	268	20:27:46	90.3	50664.1	5.9	22.1	2.0	112.6
1758	NSSD53	6	208	133	1026	26 SEP 1981	269	20:39:19	92.1	49612.6	6.7	21.9	2.1	114.2
1759	NSSD53	7	207	131	1027	27 SEP 1981	270	20:37:25	93.6	49796.1	6.6	21.9	2.2	115.8
1760	NSSD53	8	211	129	1028	28 SEP 1981	271	20:35:34	95.1	49947.9	6.4	22.0	2.2	117.4
1761	NSSD53	9	212	127	1029	29 SEP 1981	272	20:33:42	96.6	50068.6	6.3	22.0	2.3	119.0
1762	NSSD53	10	212	124	1030	30 SEP 1981	273	20:31:57	98.2	50248.6	6.2	22.0	2.4	120.5
1763	NSSD53	11	210	165	1030	1 OCT 1981	274	06:54:34	89.3	48232.6	-33.6	33.7	2.4	121.2
1764	NSSD53	12	264	140	1030	1 OCT 1981	274	13:12:53	94.5	65776.1	-14.7	27.6	2.4	121.6
1765	NSSD53	13	209	119	1031	1 OCT 1981	274	20:30:11	99.7	50308.0	6.1	22.1	2.4	122.1
1766	NSSD53	14	208	161	1031	2 OCT 1981	275	06:52:56	90.6	48070.2	-33.8	33.7	2.5	122.8
1768	NSSD54	1	213	118	1032	2 OCT 1981	275	20:28:41	101.3	50456.3	6.0	22.1	2.5	123.7
1769	NSSD54	2	202	153	1032	3 OCT 1981	276	06:51:38	91.9	48037.3	-33.8	33.8	2.5	124.4
1770	NSSD54	3	273	138	1032	3 OCT 1981	276	13:08:14	97.5	65749.5	-14.9	27.7	2.5	124.8
1771	NSSD54	4	212	114	1033	3 OCT 1981	276	20:27:12	102.8	50485.5	6.0	22.1	2.6	125.3
1772	NSSD54	5	209	156	1033	4 OCT 1981	277	06:50:13	93.2	47939.0	-33.9	33.8	2.6	126.0
1773	NSSD54	6	271	135	1033	4 OCT 1981	277	13:05:56	99.1	65721.4	-15.0	27.7	2.6	126.4
1774	NSSD54	7	215	112	1034	4 OCT 1981	277	20:25:40	104.3	50662.1	5.8	22.1	2.6	126.9
1775	NSSD54	8	208	152	1034	5 OCT 1981	278	06:48:48	94.5	47774.6	-34.0	33.9	2.7	127.5
1776	NSSD54	9	266	129	1034	5 OCT 1981	278	13:03:27	100.6	65707.7	-15.1	27.7	2.7	127.9
1777	NSSD54	10	215	110	1035	5 OCT 1981	278	20:23:51	105.9	50807.9	5.7	22.2	2.7	128.4
1778	NSSD54	11	209	150	1035	6 OCT 1981	279	06:47:12	95.8	47708.0	-34.1	33.9	2.7	129.1
1779	NSSD54	12	270	128	1035	6 OCT 1981	279	13:00:47	102.1	65679.9	-15.2	27.8	2.7	129.5
1780	NSSD54	13	215	107	1036	6 OCT 1981	279	20:22:14	107.4	50865.3	5.6	22.2	2.7	130.0
1781	NSSD54	14	205	144	1036	7 OCT 1981	280	06:45:29	97.1	47542.0	-34.2	34.0	2.8	130.7
1782	NSSD55	1	262	122	1036	7 OCT 1981	280	12:57:35	103.6	65650.6	-15.3	27.8	2.8	131.1
1783	NSSD55	2	216	104	1037	7 OCT 1981	280	20:19:41	109.0	51096.7	5.5	22.2	2.8	131.6
1784	NSSD55	3	191	134	1037	8 OCT 1981	281	06:42:56	98.4	47275.0	-34.4	34.0	2.8	132.3
1786	NSSD55	4	215	101	1038	8 OCT 1981	281	20:17:23	110.5	51239.6	5.3	22.2	2.8	133.2
1787	NSSD55	5	197	134	1038	9 OCT 1981	282	06:41:10	99.7	47206.9	-34.5	34.1	2.9	133.9
1788	NSSD55	6	254	112	1038	9 OCT 1981	282	12:50:47	106.6	65579.1	-15.6	27.9	2.9	134.3
1789	NSSD55	7	218	99	1039	9 OCT 1981	282	20:15:41	112.1	51353.0	5.3	22.3	2.9	134.7
1790	NSSD55	8	197	132	1039	10 OCT 1981	283	06:40:06	101.0	47105.0	-34.5	34.1	2.9	135.4
1791	NSSD55	9	252	109	1039	10 OCT 1981	283	12:50:00	108.1	65577.7	-15.6	27.9	2.9	135.8
1792	NSSD55	10	216	96	1040	10 OCT 1981	283	20:15:57	113.6	51351.5	5.3	22.3	2.9	136.3
1793	NSSD55	11	206	135	1040	11 OCT 1981	284	06:40:44	102.3	47137.1	-34.5	34.1	3.0	137.0
1794	NSSD55	12	273	115	1040	11 OCT 1981	284	12:50:23	109.6	65580.0	-15.6	27.9	3.0	137.4

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT LON		SUBSOLAR LAT LON	
1795	NSSD55	13	217	94	1041	11 OCT 1981	284	20:15:18	115.2	51321.3	5.3	22.3	3.0	137.9
1798	NSSD55	14	216	91	1042	12 OCT 1981	285	20:14:00	116.8	51376.7	5.2	22.3	3.0	139.5
1799	NSSD56	1	205	129	1042	13 OCT 1981	286	06:38:21	104.9	46999.1	-34.6	34.2	3.1	140.2
1800	NSSD56	2	268	109	1042	13 OCT 1981	286	12:46:22	112.6	65530.7	-15.7	27.9	3.1	140.6
1801	NSSD56	3	216	88	1043	13 OCT 1981	286	20:12:28	118.3	51545.7	5.1	22.3	3.1	141.1
1802	NSSD56	4	217	121	1043	14 OCT 1981	287	07:19:43	107.5	50683.8	-31.8	33.1	3.1	141.8
1803	NSSD56	5	200	121	1044	15 OCT 1981	288	06:36:19	107.4	46827.5	-34.8	34.3	3.1	143.3
1804	NSSD56	6	270	104	1044	15 OCT 1981	288	12:43:12	115.6	65496.3	-15.8	28.0	3.1	143.7
1805	NSSD56	7	219	84	1045	15 OCT 1981	288	20:10:28	121.4	51679.3	5.0	22.3	3.1	144.2
1806	NSSD56	8	200	119	1045	16 OCT 1981	289	06:35:26	108.7	46757.5	-34.8	34.3	3.2	144.9
1808	NSSD56	9	214	79	1046	16 OCT 1981	289	20:09:25	123.0	51733.3	4.9	22.3	3.2	145.8
1809	NSSD56	10	201	117	1046	17 OCT 1981	290	06:34:30	109.9	46653.1	-34.9	34.4	3.2	146.5
1810	NSSD56	11	269	99	1046	17 OCT 1981	290	12:40:09	118.6	65455.3	-16.0	28.0	3.2	146.9
1811	NSSD56	12	218	78	1047	17 OCT 1981	290	20:08:18	124.5	51787.2	4.9	22.3	3.2	147.4
1812	NSSD56	13	199	113	1047	18 OCT 1981	291	06:33:32	111.2	46582.5	-35.0	34.4	3.2	148.1
1813	NSSD56	14	266	95	1047	18 OCT 1981	291	12:38:32	120.1	65434.1	-16.0	28.0	3.2	148.5
1814	NSSD57	1	217	76	1048	18 OCT 1981	291	20:07:10	126.1	51840.7	4.8	22.3	3.2	149.0
1815	NSSD57	2	196	110	1048	19 OCT 1981	292	06:32:37	112.4	46511.6	-35.0	34.4	3.3	149.7
1817	NSSD57	3	218	74	1049	19 OCT 1981	292	20:06:16	127.7	51922.0	4.8	22.3	3.3	150.6
1818	NSSD57	4	195	108	1049	20 OCT 1981	293	06:31:57	113.6	46440.4	-35.1	34.5	3.3	151.3
1820	NSSD57	5	217	71	1050	20 OCT 1981	293	20:05:20	129.2	51974.9	4.7	22.3	3.3	152.2
1821	NSSD57	6	195	105	1050	21 OCT 1981	294	06:31:12	114.9	46437.7	-35.1	34.5	3.3	152.8
1822	NSSD57	7	269	89	1050	21 OCT 1981	294	12:34:41	124.6	65372.3	-16.2	28.1	3.3	153.2
1823	NSSD57	8	219	70	1051	21 OCT 1981	294	20:04:33	130.8	52055.4	4.7	22.3	3.3	153.7
1824	NSSD57	9	192	101	1051	22 OCT 1981	295	06:30:38	116.1	46331.8	-35.1	34.5	3.3	154.4
1825	NSSD57	10	266	86	1051	22 OCT 1981	295	12:33:40	126.1	65354.3	-16.2	28.1	3.3	154.8
1826	NSSD57	11	215	66	1052	22 OCT 1981	295	20:03:45	132.3	52135.5	4.6	22.3	3.3	155.3
1827	NSSD57	12	196	101	1052	23 OCT 1981	296	06:29:58	117.3	46259.9	-35.2	34.6	3.3	156.0
1829	NSSD57	13	217	65	1053	23 OCT 1981	296	20:02:52	133.9	52160.1	4.6	22.3	3.3	156.9
1830	NSSD57	14	195	99	1053	24 OCT 1981	297	06:29:16	118.6	46257.1	-35.2	34.6	3.4	157.6
1831	NSSD58	1	262	81	1053	24 OCT 1981	297	12:31:12	129.1	65327.5	-16.3	28.1	3.4	158.0
1832	NSSD58	2	212	62	1054	24 OCT 1981	297	20:01:52	135.5	52236.7	4.5	22.3	3.4	158.5
1833	NSSD58	3	193	96	1054	25 OCT 1981	298	06:28:31	119.7	46151.1	-35.3	34.6	3.4	159.2
1834	NSSD58	4	264	80	1054	25 OCT 1981	298	12:29:59	130.6	65293.1	-16.3	28.1	3.4	159.6
1835	NSSD58	5	216	62	1055	25 OCT 1981	298	20:01:06	137.0	52232.6	4.6	22.3	3.4	160.1
1836	NSSD58	6	191	94	1055	26 OCT 1981	299	06:28:00	120.9	46147.9	-35.3	34.7	3.4	160.8
1837	NSSD58	7	215	59	1056	26 OCT 1981	299	20:00:18	138.6	52311.6	4.5	22.3	3.4	161.7
1838	NSSD58	8	185	88	1056	27 OCT 1981	300	06:27:23	122.1	46075.3	-35.3	34.7	3.4	162.3
1839	NSSD58	9	260	75	1056	27 OCT 1981	300	12:27:59	133.5	65259.4	-16.4	28.2	3.4	162.7
1840	NSSD58	10	212	57	1057	27 OCT 1981	300	19:59:39	140.2	52362.9	4.5	22.3	3.4	163.2
1841	NSSD58	11	182	86	1057	28 OCT 1981	301	06:26:59	123.3	45967.6	-35.4	34.7	3.4	163.9
1842	NSSD58	12	254	71	1057	28 OCT 1981	301	12:27:10	135.0	65255.7	-16.4	28.2	3.4	164.3
1843	NSSD58	13	211	55	1058	28 OCT 1981	301	19:58:59	141.7	52441.2	4.4	22.4	3.4	164.8
1844	NSSD58	14	186	86	1058	29 OCT 1981	302	06:26:30	124.4	45964.2	-35.4	34.8	3.4	165.5
1845	NSSD59	1	258	71	1058	29 OCT 1981	302	12:26:15	136.5	65235.7	-16.4	28.2	3.4	165.9
1846	NSSD59	2	211	53	1059	29 OCT 1981	302	19:58:18	143.3	52437.6	4.4	22.3	3.4	166.4
1847	NSSD59	3	183	84	1059	30 OCT 1981	303	06:26:05	125.6	45960.8	-35.4	34.8	3.4	167.1
1848	NSSD59	4	250	67	1059	30 OCT 1981	303	12:25:38	138.0	65220.9	-16.5	28.2	3.4	167.5
1849	NSSD59	5	211	52	1060	30 OCT 1981	303	19:57:58	144.8	52515.5	4.4	22.3	3.4	168.0
1850	NSSD59	6	181	81	1060	31 OCT 1981	304	06:25:57	126.7	45887.5	-35.4	34.8	3.4	168.7
1851	NSSD59	7	244	64	1060	31 OCT 1981	304	12:25:15	139.4	65217.1	-16.5	28.2	3.4	169.1
1853	NSSD59	8	247	63	1061	1 NOV 1981	305	12:24:33	140.9	65196.6	-16.5	28.2	3.4	170.7
1854	NSSD59	9	208	49	1062	1 NOV 1981	305	19:56:57	147.9	52589.4	4.3	22.3	3.4	171.2
1855	NSSD59	10	177	77	1062	2 NOV 1981	306	06:25:17	129.0	45880.3	-35.4	34.9	3.4	171.9
1857	NSSD59	11	183	43	1063	2 NOV 1981	306	19:56:21	149.5	52585.6	4.3	22.3	3.4	172.8

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT		SUBSOLAR LAT			
1858	NSSD59	12	176	76	1063	3 NOV 1981	307	06:24:55	130.0	45771.9	-35.5	34.9	3.4	173.5		
1859	NSSD59	13	243	60	1063	3 NOV 1981	307	12:23:02	143.8	65171.8	-16.5	28.2	3.4	173.9		
1862	NSSD59	14	239	58	1064	4 NOV 1981	308	12:22:17	145.2	65150.9	-16.6	28.2	3.3	175.4		
1864	NSSD60	1	172	68	1065	5 NOV 1981	309	06:43:32	133.4	47599.7	-34.1	34.3	3.3	176.7		
1866	NSSD60	2	166	70	1066	6 NOV 1981	310	06:24:07	133.2	45761.6	-35.5	34.9	3.3	178.2		
1867	NSSD60	3	227	54	1066	6 NOV 1981	310	12:21:09	148.0	65125.6	-16.6	28.3	3.3	178.6		
1869	NSSD60	4	155	65	1067	7 NOV 1981	311	06:23:47	134.2	45652.7	-35.6	35.0	3.3	179.8		
1870	NSSD60	5	212	49	1067	7 NOV 1981	311	12:20:20	149.4	65104.2	-16.6	28.3	3.3	-179.8		
1873	NSSD60	6	200	46	1068	8 NOV 1981	312	12:19:34	150.8	65088.3	-16.6	28.3	3.3	-178.2		
1875	NSSD60	7	153	63	1069	9 NOV 1981	313	06:23:13	136.2	45645.2	-35.6	35.0	3.2	-177.0		
1876	NSSD60	8	212	48	1069	9 NOV 1981	313	12:09:02	151.8	64903.5	-17.1	28.4	3.2	-176.6		
1878	NSSD60	9	148	61	1070	10 NOV 1981	314	06:23:01	137.2	45641.5	-35.6	35.0	3.2	-175.4		
1879	NSSD60	10	173	40	1070	10 NOV 1981	314	12:18:29	153.5	65062.4	-16.7	28.3	3.2	-175.0		
1881	NSSD60	11	144	60	1071	11 NOV 1981	315	06:22:50	138.0	45532.1	-35.6	35.1	3.2	-173.8		
1882	NSSD60	12	170	38	1071	11 NOV 1981	315	12:17:53	154.7	65040.3	-16.7	28.3	3.2	-173.4		
1884	NSSD60	13	139	58	1072	12 NOV 1981	316	06:22:35	130.9	45528.5	-35.6	35.1	3.2	-172.2		
1885	NSSD60	14	162	36	1072	12 NOV 1981	316	12:17:12	156.0	65036.4	-16.7	28.3	3.1	-171.8		

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October 20, 1988

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Central Data Services Facility
Code 633
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Greenbelt, MD 20771

Gentlemen:

Enclosed you will find three magnetic tapes containing digital polarimetry data from the Pioneer Venus Orbiter Cloud Photopolarimeter Experiment. These tapes have external labels NSSD65 - NSSD67 and use exactly the same format as that used for previously submitted tapes NSSD01 - NSSD64 (as described in the documentation accompanying the original submission). These earlier tapes are listed in your NSSDC catalog under ID 78-051A-06B. Also enclosed is an updated catalog of the polarimetry maps which identifies the tape and file number corresponding to each map.

Sincerely,

Larry Travis

Enclosures

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT		DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
0005	NSSD01	1	255	129	0004	8	DEC 1978	342	20:10:05	112.9	51435.4	-35.8	34.1	-1.1	-85.5
0009	NSSD01	2	188	160	0006	10	DEC 1978	344	17:48:42	110.2	34092.8	-48.8	40.8	-1.2	-82.4
0010	NSSD01	3	282	133	0006	10	DEC 1978	344	21:58:47	109.9	58139.1	-30.8	32.1	-1.3	-82.1
0011	NSSD01	4	312	129	0007	11	DEC 1978	345	03:37:19	108.0	66806.6	-17.0	27.5	-1.3	-81.7
0012	NSSD01	5	173	120	0007	11	DEC 1978	345	12:17:20	100.3	33494.0	13.0	19.2	-1.3	-81.1
0014	NSSD01	6	285	141	0008	12	DEC 1978	346	22:18:24	107.1	58418.0	-30.6	32.0	-1.4	-78.8
0015	NSSD01	7	309	134	0009	13	DEC 1978	347	04:01:05	104.8	66739.6	-16.7	27.4	-1.5	-78.5
0016	NSSD01	8	172	128	0009	13	DEC 1978	347	12:36:43	97.1	32936.4	13.5	19.1	-1.5	-77.9
0020	NSSD01	9	167	130	0010	14	DEC 1978	348	12:49:57	95.4	32421.9	14.0	19.0	-1.6	-76.2
0021	NSSD01	10	192	174	0010	14	DEC 1978	348	18:31:13	105.8	35594.3	-47.5	39.9	-1.6	-75.9
0022	NSSD01	11	283	146	0010	14	DEC 1978	348	22:47:01	104.1	59147.8	-30.0	31.8	-1.6	-75.6
0026	NSSD01	12	285	149	0011	15	DEC 1978	349	23:05:42	102.6	59618.5	-29.7	31.7	-1.7	-73.9
0036	NSSD01	13	319	210	0030	4	JAN 1979	004	06:02:31	70.9	66865.4	-19.2	28.2	-3.0	-42.6
0038	NSSD01	14	314	214	0032	6	JAN 1979	006	06:16:13	67.8	66823.2	-19.0	28.2	-3.1	-39.3
0039	NSSD02	1	318	219	0033	7	JAN 1979	007	06:22:06	66.2	66824.5	-19.0	28.2	-3.1	-37.7
0041	NSSD02	2	317	224	0035	9	JAN 1979	009	06:32:48	63.1	66817.3	-19.0	28.2	-3.2	-34.4
0042	NSSD02	3	197	272	0040	13	JAN 1979	013	22:10:29	72.1	35957.1	-47.2	40.2	-3.3	-26.9
0056	NSSD02	4	166	209	0043	16	JAN 1979	016	16:19:00	44.2	35189.5	11.3	19.5	-3.4	-22.4
0060	NSSD02	5	267	230	0044	17	JAN 1979	017	12:38:16	45.1	56996.4	-5.2	24.1	-3.4	-21.0
0061	NSSD02	6	178	230	0044	17	JAN 1979	017	16:22:34	42.6	35253.5	11.2	19.5	-3.4	-20.8
0062	NSSD02	7	196	282	0044	17	JAN 1979	017	22:27:14	67.9	35914.4	-47.1	40.3	-3.4	-20.4
0065	NSSD02	8	272	236	0045	18	JAN 1979	018	12:43:33	43.4	56933.5	-5.2	24.1	-3.4	-19.4
0066	NSSD02	9	177	229	0045	18	JAN 1979	018	16:25:50	41.1	35425.7	11.1	19.5	-3.4	-19.2
0067	NSSD02	10	231	236	0046	19	JAN 1979	019	14:51:53	40.0	46841.2	2.3	22.0	-3.4	-17.6
0069	NSSD02	11	301	247	0048	21	JAN 1979	021	10:41:21	40.9	63501.9	-11.2	25.8	-3.4	-14.7
0071	NSSD02	12	293	244	0050	23	JAN 1979	023	10:46:50	37.8	63568.6	-11.3	25.9	-3.4	-11.4
0073	NSSD02	13	282	244	0052	25	JAN 1979	025	11:00:37	34.4	63272.0	-10.9	25.7	-3.4	-8.2
0074	NSSD02	14	292	249	0053	26	JAN 1979	026	11:03:29	32.9	63238.2	-10.9	25.7	-3.4	-6.5
0082	NSSD03	1	310	268	0059	2	FEB 1979	033	07:29:07	28.6	66564.1	-19.7	28.5	-3.2	4.6
0083	NSSD03	2	180	306	0060	2	FEB 1979	033	23:03:23	53.9	34925.8	-47.6	41.1	-3.2	5.6
0084	NSSD03	3	258	268	0060	3	FEB 1979	034	02:45:50	38.1	56683.9	-31.6	32.8	-3.2	5.9
0085	NSSD03	4	243	243	0061	3	FEB 1979	034	13:59:34	16.8	54411.9	-3.2	23.4	-3.2	6.6
0088	NSSD03	5	267	279	0061	4	FEB 1979	035	02:46:04	37.2	56678.8	-31.6	32.8	-3.2	7.5
0089	NSSD03	6	262	259	0062	4	FEB 1979	035	13:59:49	15.2	54486.8	-3.2	23.4	-3.1	8.2
0093	NSSD03	7	265	281	0063	6	FEB 1979	037	02:46:57	35.4	56576.5	-31.7	32.9	-3.1	10.7
0094	NSSD03	8	257	256	0064	6	FEB 1979	037	14:00:05	11.9	54502.4	-3.2	23.4	-3.1	11.5
0097	NSSD03	9	260	279	0064	7	FEB 1979	038	02:47:07	34.6	56576.3	-31.7	32.9	-3.0	12.3
0104	NSSD03	10	264	259	0069	11	FEB 1979	042	13:55:31	4.0	54807.3	-3.4	23.5	-2.8	19.5
0110	NSSD03	11	263	259	0071	13	FEB 1979	044	13:52:08	1.1	54973.6	-3.5	23.5	-2.7	22.7
0116	NSSD03	12	261	259	0073	15	FEB 1979	046	13:43:56	2.7	55478.5	-3.9	23.6	-2.6	25.9
0124	NSSD03	13	160	313	0079	21	FEB 1979	052	22:46:54	46.1	33826.2	-48.0	41.6	-2.2	36.2
0126	NSSD03	14	243	232	0080	22	FEB 1979	053	13:33:00	13.7	55344.6	-3.6	23.5	-2.1	37.2
0127	NSSD04	1	173	252	0080	22	FEB 1979	053	17:05:49	24.0	33623.7	13.0	18.6	-2.1	37.4
0128	NSSD04	2	159	308	0080	22	FEB 1979	053	22:45:28	46.0	34025.7	-48.0	41.5	-2.1	37.8
0129	NSSD04	3	257	286	0080	23	FEB 1979	054	02:20:14	30.2	55754.2	-32.0	33.0	-2.1	38.0
0132	NSSD04	4	154	300	0081	23	FEB 1979	054	22:42:48	46.0	33973.1	-48.0	41.5	-2.0	39.4
0134	NSSD04	5	264	255	0082	24	FEB 1979	055	13:30:12	16.9	55183.9	-3.5	23.5	-2.0	40.4
0136	NSSD04	6	266	257	0083	25	FEB 1979	056	13:25:03	18.5	55375.1	-3.6	23.5	-1.9	42.0
0138	NSSD04	7	154	300	0083	25	FEB 1979	056	22:37:17	46.2	33968.3	-48.0	41.5	-1.9	42.6
0139	NSSD04	8	256	284	0083	26	FEB 1979	057	02:09:57	31.6	55503.6	-32.1	33.1	-1.9	42.8
0140	NSSD04	9	265	254	0084	26	FEB 1979	057	13:21:27	20.1	55444.8	-3.7	23.6	-1.8	43.6
0143	NSSD04	10	254	281	0084	27	FEB 1979	058	02:04:11	32.3	55332.9	-32.2	33.1	-1.8	44.4
0144	NSSD04	11	263	253	0085	27	FEB 1979	058	13:16:36	21.6	55593.1	-3.8	23.6	-1.7	45.2
0147	NSSD04	12	199	283	0086	28	FEB 1979	059	23:56:54	39.4	44747.7	-39.8	36.5	-1.6	47.5
0149	NSSD04	13	204	289	0087	1	MAR 1979	060	23:53:40	39.8	44819.0	-39.7	36.5	-1.5	49.1

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
0153	NSSD04	14	205	285	0089	3 MAR 1979	062	23:56:11	40.4	45800.8	-39.0	36.1	-1.4	52.3
0155	NSSD05	1	212	293	0090	4 MAR 1979	063	23:52:39	41.1	45762.9	-39.0	36.1	-1.3	53.9
0157	NSSD05	2	210	291	0091	5 MAR 1979	064	23:46:07	41.9	45501.3	-39.2	36.2	-1.2	55.4
0161	NSSD05	3	206	284	0093	7 MAR 1979	066	23:37:20	43.4	45288.3	-39.4	36.2	-1.0	58.6
0163	NSSD05	4	200	280	0094	8 MAR 1979	067	23:24:48	44.6	44323.1	-40.0	36.5	-0.9	60.2
0165	NSSD05	5	299	265	0094	9 MAR 1979	068	04:47:04	37.4	64653.1	-23.3	29.7	-0.9	60.6
0166	NSSD05	6	213	235	0095	9 MAR 1979	068	15:03:41	40.7	43031.8	5.6	21.0	-0.9	61.2
0169	NSSD05	7	215	232	0097	11 MAR 1979	070	14:52:39	43.7	43453.1	5.3	21.1	-0.7	64.4
0172	NSSD05	8	207	221	0100	14 MAR 1979	073	15:01:32	48.8	42068.9	6.5	20.8	-0.4	69.2
0175	NSSD05	9	285	231	0101	15 MAR 1979	074	10:46:55	45.9	61902.0	-8.7	25.2	-0.3	70.5
0176	NSSD05	10	202	212	0101	15 MAR 1979	074	15:04:58	50.2	42391.2	6.3	20.9	-0.3	70.8
0177	NSSD05	11	232	220	0102	16 MAR 1979	075	14:15:43	50.3	47974.5	2.2	22.1	-0.2	72.3
0178	NSSD05	12	300	232	0104	18 MAR 1979	077	09:53:21	50.2	64397.6	-11.5	26.0	-0.1	75.2
0180	NSSD05	13	238	210	0107	21 MAR 1979	080	14:18:59	57.8	49859.3	0.9	22.5	0.2	80.3
0181	NSSD05	14	234	205	0109	23 MAR 1979	082	14:49:18	61.4	47842.3	2.3	22.1	0.4	83.5
0185	NSSD06	1	234	192	0113	27 MAR 1979	086	14:57:02	67.5	48740.9	1.7	22.3	0.8	89.8
0188	NSSD06	2	232	181	0117	31 MAR 1979	090	15:26:45	74.0	47705.9	2.4	22.2	1.2	96.2
0191	NSSD06	3	228	166	0121	4 APR 1979	094	15:50:06	80.4	47010.3	3.0	22.1	1.5	102.5
0192	NSSD06	4	223	148	0126	9 APR 1979	099	16:15:00	88.3	46579.3	3.2	22.0	1.9	110.5
0194	NSSD06	5	227	139	0129	12 APR 1979	102	16:22:14	93.0	47050.9	2.9	22.1	2.1	115.2
0196	NSSD06	6	227	138	0130	13 APR 1979	103	16:24:30	94.5	47248.1	2.7	22.2	2.2	116.8
0199	NSSD06	7	223	125	0133	16 APR 1979	106	16:32:02	99.2	47522.3	2.5	22.2	2.4	121.5
0201	NSSD06	8	228	122	0135	18 APR 1979	108	16:44:33	102.4	46965.0	2.6	22.2	2.5	124.7
0202	NSSD06	9	224	113	0137	20 APR 1979	110	16:49:56	105.6	47006.1	2.8	22.1	2.7	127.9
0203	NSSD06	10	225	111	0138	21 APR 1979	111	16:52:39	107.2	46995.5	2.8	22.1	2.7	129.5
0204	NSSD06	11	230	104	0141	24 APR 1979	114	17:02:02	111.9	46740.6	3.0	22.1	2.9	134.2
0205	NSSD06	12	228	101	0142	25 APR 1979	115	17:16:28	113.7	45564.7	3.8	21.8	2.9	135.8
0206	NSSD06	13	226	95	0144	27 APR 1979	117	17:28:06	117.0	44643.1	4.5	21.6	3.0	139.0
0214	NSSD06	14	175	68	0173	27 MAY 1979	147	01:48:02	137.6	49725.0	-36.0	34.8	3.2	-174.4
0215	NSSD07	1	216	54	0173	27 MAY 1979	147	06:28:18	150.1	64889.8	-22.6	29.4	3.2	-174.1
0218	NSSD07	2	140	89	0174	27 MAY 1979	147	23:48:24	129.5	37396.9	-45.0	39.3	3.2	-173.0
0219	NSSD07	3	182	55	0174	28 MAY 1979	148	03:49:05	145.2	58842.2	-29.1	31.7	3.2	-172.7
0220	NSSD07	4	203	45	0175	28 MAY 1979	148	08:42:26	155.9	66380.0	-17.1	27.6	3.2	-172.4
0223	NSSD07	5	173	64	0175	29 MAY 1979	149	02:01:07	140.8	51901.5	-34.4	34.1	3.1	-171.2
0231	NSSD07	6	174	54	0177	31 MAY 1979	151	03:16:28	147.3	58102.4	-29.6	32.2	3.1	-168.0
0232	NSSD07	7	161	36	0177	31 MAY 1979	151	08:06:46	158.8	66351.5	-17.7	27.9	3.0	-167.6
0237	NSSD07	8	140	59	0178	1 JUN 1979	152	01:23:05	142.3	50601.5	-35.3	34.6	3.0	-166.5
0241	NSSD07	9	134	60	0179	2 JUN 1979	153	01:36:23	143.2	51112.7	-35.1	34.5	3.0	-164.9
0242	NSSD07	10	136	60	0180	3 JUN 1979	154	01:39:31	143.5	50653.5	-35.4	34.6	2.9	-163.3
0243	NSSD07	11	119	36	0181	4 JUN 1979	155	06:11:03	157.2	65067.5	-22.9	29.7	2.9	-161.4
0244	NSSD07	12	127	61	0182	5 JUN 1979	156	01:47:31	144.1	49933.1	-35.9	34.8	2.8	-160.1
0245	NSSD07	13	111	35	0182	5 JUN 1979	156	06:19:11	157.9	65063.9	-22.9	29.7	2.8	-159.8
0246	NSSD07	14	231	101	0225	17 JUL 1979	198	17:25:44	113.6	47577.3	3.1	22.0	-0.7	-91.6
0248	NSSD07	15	230	103	0226	18 JUL 1979	199	17:22:32	112.1	47811.3	2.9	22.1	-0.8	-90.0
0261	NSSD07	16	231	142	0238	30 JUL 1979	211	17:28:35	92.8	47562.9	3.1	22.1	-1.9	-70.6
0262	NSSD07	17	222	152	0241	2 AUG 1979	214	17:52:45	87.6	45524.3	4.6	21.7	-2.1	-65.7
0269	NSSD08	1	238	166	0246	7 AUG 1979	219	17:07:29	80.4	50308.1	1.1	22.7	-2.5	-57.6
0303	NSSD08	2	220	282	0292	23 SEP 1979	266	04:44:09	37.6	47773.2	-36.8	35.4	-2.9	17.8
0304	NSSD08	3	221	284	0293	24 SEP 1979	267	04:53:10	37.0	47734.9	-36.8	35.4	-2.8	19.4
0305	NSSD08	4	217	279	0294	25 SEP 1979	268	05:03:58	36.5	47798.7	-36.8	35.4	-2.8	21.0
0313	NSSD08	5	324	282	0303	3 OCT 1979	276	14:10:36	14.7	66733.0	-15.1	27.2	-2.3	34.5
0422	NSSD08	6	273	254	0310	11 OCT 1979	284	11:14:03	27.7	63611.9	-23.9	30.1	-1.6	47.1
0425	NSSD08	7	285	267	0311	12 OCT 1979	285	11:19:21	28.7	63559.3	-23.9	30.1	-1.6	48.7
0428	NSSD08	8	295	276	0312	13 OCT 1979	286	11:23:42	29.8	63468.5	-24.0	30.1	-1.5	50.3
0431	NSSD08	9	291	270	0313	14 OCT 1979	287	11:31:58	30.9	63530.1	-23.9	30.1	-1.4	51.9

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK CENTER		TIME	PHASE	SPACECRAFT	SUBSPACECRAFT		SUBSAR	
						DATE	DOY	S/C UT	ANGLE	ALTITUDE(KM)	LAT	LOX	LAT	LOX
0434	NSSD08	10	294	272	0314	15 OCT 1979	288	11:32:36	32.1	63336.2	-24.1	30.2	-1.3	53.5
0437	NSSD08	11	289	267	0315	16 OCT 1979	289	11:35:29	33.3	63203.2	-24.3	30.2	-1.2	55.1
0440	NSSD08	12	292	269	0316	17 OCT 1979	290	11:38:04	34.6	63081.4	-24.4	30.3	-1.1	56.7
0445	NSSD08	13	268	269	0318	19 OCT 1979	292	10:06:42	38.7	57888.6	-29.1	32.0	-1.0	59.8
0451	NSSD08	14	277	270	0320	21 OCT 1979	294	10:45:31	40.5	59440.4	-27.8	31.5	-0.8	63.0
0453	NSSD09	1	249	259	0321	22 OCT 1979	295	09:47:21	42.8	55413.9	-31.0	32.6	-0.7	64.6
0469	NSSD09	2	232	224	0324	24 OCT 1979	297	22:51:07	46.8	48396.2	3.2	21.9	-0.4	68.6
0492	NSSD09	3	294	239	0329	30 OCT 1979	303	13:24:23	51.8	63985.6	-23.3	29.8	0.1	77.5
0495	NSSD09	4	230	203	0333	2 NOV 1979	306	23:58:55	61.2	47215.2	4.1	21.8	0.4	83.0
0496	NSSD09	5	224	234	0333	3 NOV 1979	307	09:44:27	58.2	49304.3	-35.3	34.3	0.4	83.6
0497	NSSD09	6	303	233	0333	3 NOV 1979	307	14:31:02	57.7	65242.9	-21.5	29.2	0.5	83.9
0498	NSSD09	7	301	219	0334	3 NOV 1979	307	19:41:10	59.2	63895.9	-9.5	25.6	0.5	84.3
0499	NSSD09	8	234	203	0334	4 NOV 1979	308	00:01:33	62.7	47524.9	3.9	21.8	0.5	84.5
0500	NSSD09	9	234	246	0334	4 NOV 1979	308	09:51:47	59.4	49400.9	-35.3	34.3	0.5	85.2
0501	NSSD09	10	304	230	0334	4 NOV 1979	308	14:32:52	59.1	65118.9	-21.7	29.3	0.6	85.5
0502	NSSD09	11	238	247	0335	5 NOV 1979	309	09:55:35	60.7	49208.9	-35.4	34.3	0.6	86.8
0503	NSSD09	12	229	235	0336	6 NOV 1979	310	09:58:29	61.9	48918.3	-35.6	34.4	0.7	88.4
0504	NSSD09	13	307	227	0336	6 NOV 1979	310	14:33:24	62.1	64827.0	-22.2	29.4	0.7	88.7
0505	NSSD09	14	298	209	0337	6 NOV 1979	310	19:44:21	63.8	64383.0	-10.1	25.8	0.8	89.0
0506	NSSD09	15	236	193	0337	7 NOV 1979	311	00:09:12	67.2	48458.0	3.2	22.1	0.8	89.3
0507	NSSD10	1	233	238	0337	7 NOV 1979	311	10:01:51	63.2	48657.3	-35.8	34.4	0.8	90.0
0508	NSSD10	2	302	222	0337	7 NOV 1979	311	14:34:42	63.5	64687.7	-22.4	29.5	0.8	90.3
0509	NSSD10	3	298	205	0338	7 NOV 1979	311	19:43:58	65.3	64596.2	-10.4	25.9	0.8	90.6
0510	NSSD10	4	239	192	0338	8 NOV 1979	312	00:12:22	68.8	48725.3	3.0	22.1	0.9	90.9
0511	NSSD10	5	227	229	0338	8 NOV 1979	312	10:04:06	64.5	48395.3	-36.0	34.5	0.9	91.5
0512	NSSD10	6	304	221	0338	8 NOV 1979	312	14:36:17	65.0	64566.5	-22.5	29.5	0.9	91.8
0513	NSSD10	7	305	206	0339	8 NOV 1979	312	19:45:29	66.9	64710.9	-10.6	25.9	0.9	92.2
0514	NSSD10	8	236	186	0339	9 NOV 1979	313	00:15:01	70.3	49020.4	2.8	22.2	1.0	92.5
0515	NSSD10	9	230	230	0339	9 NOV 1979	313	10:07:49	65.7	48095.7	-36.2	34.6	1.0	93.1
0516	NSSD10	10	307	218	0339	9 NOV 1979	313	14:35:44	66.4	64353.2	-22.8	29.6	1.0	93.4
0517	NSSD10	11	303	201	0340	9 NOV 1979	313	19:45:51	68.4	64879.2	-10.8	26.0	1.0	93.8
0518	NSSD10	12	238	185	0340	10 NOV 1979	314	00:17:58	71.8	49375.0	2.6	22.3	1.0	94.1
0521	NSSD10	13	241	183	0341	11 NOV 1979	315	00:21:34	73.3	49562.7	2.4	22.3	1.1	95.6
0523	NSSD10	14	301	194	0342	11 NOV 1979	315	19:49:26	71.5	65075.4	-11.1	26.1	1.2	96.9
0524	NSSD10	15	241	180	0342	12 NOV 1979	316	00:24:38	74.8	49783.2	2.2	22.4	1.2	97.2
0527	NSSD11	1	235	172	0343	13 NOV 1979	317	00:26:46	76.3	50159.0	2.0	22.5	1.3	98.8
0530	NSSD11	2	241	171	0344	14 NOV 1979	318	00:30:45	77.9	50279.7	1.9	22.5	1.4	100.4
0542	NSSD11	3	230	155	0349	19 NOV 1979	323	01:32:55	86.4	47109.1	4.1	21.9	1.8	108.4
0545	NSSD11	4	230	151	0350	20 NOV 1979	324	01:34:18	87.9	47396.9	3.9	22.0	1.9	110.0
0548	NSSD11	5	230	149	0351	21 NOV 1979	325	01:45:07	89.5	46848.6	4.3	21.9	2.0	111.6
0550	NSSD11	6	225	142	0352	22 NOV 1979	326	01:47:27	91.1	47159.3	4.1	21.9	2.0	113.1
0551	NSSD11	7	279	151	0354	23 NOV 1979	327	21:36:21	90.7	63816.5	-9.5	25.7	2.2	116.0
0558	NSSD11	8	233	121	0360	30 NOV 1979	334	02:25:52	103.7	47057.6	4.1	21.9	2.6	125.8
0559	NSSD11	9	300	135	0361	30 NOV 1979	334	22:08:39	101.7	63746.0	-9.5	25.7	2.6	127.1
0560	NSSD11	10	235	118	0361	1 DEC 1979	335	02:26:33	105.2	47355.9	3.9	22.0	2.6	127.4
0561	NSSD11	11	292	129	0362	1 DEC 1979	335	22:12:50	103.3	63722.1	-9.5	25.7	2.7	128.7
0562	NSSD11	12	228	112	0362	2 DEC 1979	336	02:27:14	106.7	47571.6	3.7	22.0	2.7	129.0
0563	NSSD11	13	298	126	0364	3 DEC 1979	337	22:21:09	106.5	63622.3	-9.4	25.6	2.8	131.9
0570	NSSD11	14	229	102	0366	6 DEC 1979	340	02:39:37	113.0	47626.9	3.6	22.0	2.9	135.3
0572	NSSD11	15	231	100	0367	7 DEC 1979	341	02:41:25	114.6	47703.6	3.6	22.0	3.0	136.9
0573	NSSD12	1	300	115	0368	7 DEC 1979	341	22:20:21	112.6	64019.5	-9.9	25.8	3.0	138.2
0574	NSSD12	2	226	96	0368	8 DEC 1979	342	02:43:12	116.2	47759.9	3.5	22.0	3.0	138.5
0575	NSSD12	3	295	111	0369	8 DEC 1979	342	22:22:08	114.2	64036.5	-10.0	25.8	3.0	139.8
0576	NSSD12	4	232	95	0369	9 DEC 1979	343	02:45:02	117.7	47818.8	3.5	22.1	3.0	140.1
0577	NSSD12	5	290	106	0370	9 DEC 1979	343	22:22:13	115.7	64107.5	-10.1	25.8	3.1	141.4

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK	CENTER	TIME	PHASE	SPACECRAFT	SUBSPACECRAFT	SUBS	AR	
						DATE	DOY	S/C UT	ANGLE	ALTITUDE(KM)	LAT	LOX	LAT	LOX
0578	NSSD12	6	233	92	0370	10 DEC 1979	344	02:45:56	119.3	48040.4	3.3	22.1	3.1	141.7
0579	NSSD12	7	301	108	0371	10 DEC 1979	344	22:21:56	117.2	64212.1	-10.2	25.9	3.1	143.0
0580	NSSD12	8	224	85	0371	11 DEC 1979	345	02:46:40	120.8	48165.1	3.2	22.1	3.1	143.3
0581	NSSD12	9	248	52	0394	2 JAN 1980	002	22:28:20	153.5	63289.2	-9.2	25.5	3.3	179.5
0583	NSSD12	10	167	80	0394	3 JAN 1980	003	11:21:14	130.7	42610.7	-39.9	36.9	3.3	-179.7
0584	NSSD12	11	220	62	0394	3 JAN 1980	003	15:11:33	142.7	60550.5	-26.5	31.1	3.3	-179.4
0587	NSSD12	12	89	29	0395	4 JAN 1980	004	04:19:15	156.1	35089.2	13.3	18.8	3.3	-178.6
0588	NSSD12	13	164	82	0395	4 JAN 1980	004	11:08:02	130.9	41494.8	-40.7	37.3	3.3	-178.1
0589	NSSD12	14	214	60	0395	4 JAN 1980	004	14:53:12	143.3	59802.5	-27.1	31.4	3.3	-177.9
0590	NSSD13	1	234	51	0396	4 JAN 1980	004	19:52:19	152.9	66368.1	-15.1	27.3	3.3	-177.5
0592	NSSD13	2	80	28	0396	5 JAN 1980	005	04:16:17	157.2	34973.0	13.4	18.8	3.2	-177.0
0597	NSSD13	3	66	28	0397	6 JAN 1980	006	04:12:35	158.2	34898.5	13.5	18.7	3.2	-175.4
0599	NSSD13	4	212	59	0397	6 JAN 1980	006	14:48:24	145.7	59985.7	-26.9	31.3	3.2	-174.7
0604	NSSD13	5	174	51	0398	7 JAN 1980	007	14:43:01	146.7	59961.2	-26.9	31.3	3.2	-173.1
0607	NSSD13	6	56	27	0399	8 JAN 1980	008	04:02:35	160.1	34945.6	13.5	18.7	3.2	-172.2
0608	NSSD13	7	145	74	0399	8 JAN 1980	008	10:50:35	134.3	41517.4	-40.6	37.3	3.1	-171.8
0609	NSSD13	8	199	54	0399	8 JAN 1980	008	14:35:29	147.6	59794.8	-27.0	31.4	3.1	-171.5
0610	NSSD13	9	178	38	0400	8 JAN 1980	008	19:33:29	158.3	66324.5	-15.0	27.3	3.1	-171.2
0612	NSSD13	10	39	24	0400	9 JAN 1980	009	03:55:53	161.1	35152.4	13.3	18.7	3.1	-170.6
0613	NSSD13	11	141	73	0400	9 JAN 1980	009	10:45:04	135.1	41578.2	-40.5	37.3	3.1	-170.2
0614	NSSD13	12	157	46	0400	9 JAN 1980	009	14:30:10	148.6	59876.7	-27.0	31.4	3.1	-169.9
0617	NSSD13	13	131	70	0401	10 JAN 1980	010	10:52:47	135.9	41715.4	-40.5	37.3	3.1	-168.6
0618	NSSD13	14	150	45	0401	10 JAN 1980	010	14:39:52	149.6	60153.7	-26.9	31.3	3.1	-168.3
0619	NSSD13	15	131	29	0402	10 JAN 1980	010	19:41:11	160.9	66731.2	-14.9	27.2	3.1	-168.0
0625	NSSD14	1	128	32	0403	12 JAN 1980	012	17:53:27	158.9	66207.1	-19.4	28.7	3.0	-164.9
0626	NSSD14	2	130	58	0404	13 JAN 1980	013	12:19:23	143.4	48932.8	-35.3	34.8	2.9	-163.7
0627	NSSD14	3	130	36	0404	13 JAN 1980	013	16:41:53	156.7	64418.8	-22.4	29.7	2.9	-163.4
0628	NSSD14	4	125	57	0405	14 JAN 1980	014	12:24:24	143.9	48862.6	-35.4	34.8	2.9	-162.1
0632	NSSD14	5	115	58	0407	16 JAN 1980	016	12:37:46	145.3	49035.0	-35.1	34.7	2.8	-158.9
0635	NSSD14	6	112	60	0408	17 JAN 1980	017	12:36:45	145.4	48539.0	-35.5	34.9	2.7	-157.3
0636	NSSD14	7	87	34	0408	17 JAN 1980	017	17:11:49	159.7	64651.6	-22.0	29.6	2.7	-157.0
0638	NSSD14	8	105	61	0409	18 JAN 1980	018	12:41:38	145.9	48631.3	-35.4	34.9	2.7	-155.7
0645	NSSD14	9	181	38	0422	31 JAN 1980	031	03:02:39	157.0	49536.4	2.7	21.9	1.8	-135.5
0648	NSSD14	10	218	45	0424	1 FEB 1980	032	22:44:58	156.9	64333.2	-9.9	25.7	1.6	-132.6
0649	NSSD14	11	209	45	0424	2 FEB 1980	033	03:04:51	153.8	49205.9	3.0	21.9	1.6	-132.3
0650	NSSD14	12	234	49	0425	2 FEB 1980	033	22:49:14	155.4	64140.1	-9.6	25.6	1.6	-131.0
0651	NSSD15	1	217	48	0425	3 FEB 1980	034	03:06:49	152.1	48927.6	3.2	21.8	1.5	-130.7
0652	NSSD15	2	255	53	0426	3 FEB 1980	034	22:54:08	153.8	63939.4	-9.4	25.5	1.5	-129.4
0653	NSSD15	3	220	49	0426	4 FEB 1980	035	03:09:33	150.5	48545.4	3.5	21.7	1.5	-129.1
0656	NSSD15	4	267	57	0428	5 FEB 1980	036	22:57:09	150.7	63756.8	-9.1	25.5	1.3	-126.2
0660	NSSD15	5	233	57	0430	8 FEB 1980	039	02:50:36	144.8	50941.8	1.9	22.2	1.1	-122.7
0664	NSSD15	6	240	61	0432	10 FEB 1980	041	03:02:05	141.6	50748.5	2.1	22.2	0.9	-119.5
0666	NSSD15	7	238	63	0433	11 FEB 1980	042	03:08:11	140.0	50616.8	2.2	22.2	0.8	-117.9
0668	NSSD15	8	239	65	0434	12 FEB 1980	043	03:13:32	138.4	50613.5	2.2	22.2	0.7	-116.3
0672	NSSD15	9	290	76	0437	14 FEB 1980	045	23:27:09	136.6	64267.7	-9.4	25.6	0.5	-111.7
0673	NSSD15	10	238	71	0437	15 FEB 1980	046	03:31:07	133.5	50166.8	2.6	22.1	0.4	-111.4
0676	NSSD15	11	294	81	0439	16 FEB 1980	047	23:39:59	133.4	64164.8	-9.3	25.6	0.3	-108.5
0677	NSSD15	12	244	77	0439	17 FEB 1980	048	03:42:27	130.2	49974.2	2.7	22.1	0.3	-108.2
0678	NSSD15	13	297	84	0440	17 FEB 1980	048	23:46:25	131.7	64071.6	-9.2	25.5	0.2	-106.8
0679	NSSD15	14	237	77	0440	18 FEB 1980	049	03:48:09	128.6	49811.8	2.9	22.1	0.2	-106.6
0683	NSSD16	1	240	83	0442	20 FEB 1980	051	03:59:21	125.4	49585.4	3.0	22.1	0.0	-103.3
0685	NSSD16	2	212	150	0459	8 MAR 1980	068	13:51:53	105.3	41164.2	-40.6	36.6	-1.6	-75.2
0686	NSSD16	3	295	144	0459	8 MAR 1980	068	18:00:29	103.2	60986.6	-25.7	30.6	-1.6	-74.9
0687	NSSD16	4	318	144	0460	8 MAR 1980	068	23:07:03	100.7	66411.7	-13.5	26.8	-1.7	-74.6
0688	NSSD16	5	270	139	0460	9 MAR 1980	069	03:44:52	97.7	55623.1	-1.4	23.5	-1.7	-74.3

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK CENTER		TIME	PHASE	SPACECRAFT	SUBSPACECRAFT		SUBSOLAR	
						DATE	DOY	S/C UT	ANGLE	ALTITUDE(KM)	LAT	Lon	LAT	Lon
0690	NSSD16	6	211	152	0460	9 MAR 1980	069	13:48:22	104.1	40536.6	-41.0	36.8	-1.7	-73.6
0691	NSSD16	7	297	147	0460	9 MAR 1980	069	18:06:58	101.7	61153.3	-25.5	30.6	-1.7	-73.3
0693	NSSD16	8	267	141	0461	10 MAR 1980	070	03:50:33	96.0	55368.7	-1.3	23.4	-1.8	-72.6
0694	NSSD16	9	174	138	0461	10 MAR 1980	070	07:21:13	91.6	33714.7	15.3	18.8	-1.8	-72.4
0695	NSSD16	10	211	155	0461	10 MAR 1980	070	13:54:38	102.8	40956.4	-40.7	36.7	-1.8	-72.0
0696	NSSD16	11	295	149	0461	10 MAR 1980	070	18:14:57	100.2	61398.5	-25.3	30.5	-1.8	-71.7
0697	NSSD16	12	318	151	0462	10 MAR 1980	070	23:20:43	97.4	66306.2	-13.2	26.8	-1.8	-71.3
0698	NSSD16	13	267	144	0462	11 MAR 1980	071	03:57:08	94.3	55038.9	-1.0	23.4	-1.8	-71.0
0699	NSSD16	14	176	144	0462	11 MAR 1980	071	07:23:09	90.1	33755.6	15.3	18.8	-1.9	-70.8
0700	NSSD16	15	215	160	0462	11 MAR 1980	071	13:59:26	101.5	41247.0	-40.5	36.6	-1.9	-70.3
0701	NSSD17	1	298	154	0462	11 MAR 1980	071	18:21:03	98.6	61605.9	-25.1	30.4	-1.9	-70.0
0703	NSSD17	2	269	149	0463	12 MAR 1980	072	03:59:40	92.7	55083.5	-1.1	23.4	-1.9	-69.4
0704	NSSD17	3	176	148	0463	12 MAR 1980	072	07:27:01	88.5	33543.4	15.5	18.8	-1.9	-69.1
0705	NSSD17	4	251	155	0463	12 MAR 1980	072	15:37:28	99.0	50892.5	-33.6	33.5	-2.0	-68.6
0706	NSSD17	5	314	158	0463	12 MAR 1980	072	20:16:20	96.1	65396.5	-20.5	28.9	-2.0	-68.3
0707	NSSD17	6	303	154	0464	13 MAR 1980	073	01:24:17	93.0	63413.6	-8.5	25.4	-2.0	-67.9
0708	NSSD17	7	233	150	0464	13 MAR 1980	073	05:38:12	89.6	46902.8	4.9	21.8	-2.0	-67.6
0713	NSSD17	8	241	167	0466	15 MAR 1980	075	15:08:24	95.3	47661.0	-35.9	34.4	-2.2	-63.8
0715	NSSD17	9	241	170	0467	16 MAR 1980	076	15:12:45	94.0	47897.3	-35.7	34.4	-2.3	-62.1
0716	NSSD17	10	307	169	0467	16 MAR 1980	076	19:43:40	90.3	64297.5	-22.1	29.5	-2.3	-61.8
0717	NSSD17	11	239	171	0468	17 MAR 1980	077	15:15:13	92.6	47964.0	-35.7	34.4	-2.3	-60.5
0718	NSSD17	12	310	173	0468	17 MAR 1980	077	19:48:39	88.8	64391.8	-22.0	29.4	-2.3	-60.2
0719	NSSD17	13	243	177	0469	18 MAR 1980	078	15:17:50	91.2	47996.2	-35.7	34.4	-2.4	-58.9
0720	NSSD17	14	310	177	0469	18 MAR 1980	078	19:49:59	87.3	64369.1	-22.0	29.4	-2.4	-58.6
0721	NSSD17	15	243	180	0470	19 MAR 1980	079	15:19:24	89.9	48029.3	-35.6	34.4	-2.5	-57.3
0722	NSSD18	1	308	178	0470	19 MAR 1980	079	19:52:40	85.7	64399.7	-22.0	29.4	-2.5	-56.9
0724	NSSD18	2	239	172	0471	20 MAR 1980	080	05:32:00	78.6	48749.3	3.5	22.2	-2.5	-56.3
0728	NSSD18	3	311	186	0472	21 MAR 1980	081	19:58:04	82.6	64470.4	-21.9	29.4	-2.6	-53.7
0729	NSSD18	4	244	191	0473	22 MAR 1980	082	15:25:59	85.8	48093.5	-35.6	34.4	-2.7	-52.4
0730	NSSD18	5	305	186	0473	22 MAR 1980	082	20:00:59	81.1	64479.0	-21.9	29.4	-2.7	-52.1
0731	NSSD18	6	245	206	0478	27 MAR 1980	087	15:34:52	79.1	48087.0	-35.6	34.4	-2.9	-44.2
0733	NSSD18	7	247	209	0557	14 JUN 1980	166	06:54:00	60.3	49686.7	3.6	22.0	0.4	82.3
0734	NSSD18	8	231	253	0557	14 JUN 1980	166	16:45:22	57.5	47274.7	-35.5	34.6	0.4	83.0
0735	NSSD18	9	303	217	0558	15 JUN 1980	167	02:20:35	58.3	65170.5	-10.0	25.9	0.4	83.6
0736	NSSD18	10	248	207	0558	15 JUN 1980	167	06:56:20	61.8	50033.1	3.4	22.1	0.5	83.9
0740	NSSD18	11	225	241	0559	16 JUN 1980	168	16:51:51	60.0	46684.7	-35.9	34.7	0.6	86.1
0742	NSSD18	12	303	212	0560	17 JUN 1980	169	02:54:27	61.7	64573.1	-9.1	25.6	0.6	86.8
0743	NSSD18	13	238	197	0560	17 JUN 1980	169	07:22:36	65.2	48755.8	4.3	21.9	0.6	87.1
0744	NSSD18	14	231	112	0587	14 JUL 1980	196	10:07:30	108.0	46590.2	5.8	21.6	2.7	130.0
0747	NDDD18	15	296	123	0589	16 JUL 1980	198	05:46:15	107.6	63807.5	-8.3	25.5	2.8	132.8
0748	NSSD19	1	226	104	0589	16 JUL 1980	198	10:07:42	111.0	47284.3	5.2	21.7	2.8	133.1
0749	NSSD19	2	230	103	0590	17 JUL 1980	199	10:18:35	112.7	46575.4	5.7	21.6	2.9	134.7
0750	NSSD19	3	298	118	0591	18 JUL 1980	200	06:01:23	110.8	63523.0	-8.0	25.4	2.9	136.0
0751	NSSD19	4	232	101	0591	18 JUL 1980	200	10:21:51	114.2	46560.6	5.8	21.6	2.9	136.3
0752	NSSD19	5	294	113	0592	19 JUL 1980	201	06:04:34	112.4	63527.0	-8.0	25.4	3.0	137.6
0753	NSSD19	6	232	98	0592	19 JUL 1980	201	10:26:34	115.8	46405.0	5.9	21.5	3.0	137.9
0754	NSSD19	7	291	110	0593	20 JUL 1980	202	06:06:33	114.0	63556.2	-8.0	25.4	3.0	139.2
0755	NSSD19	8	229	93	0593	20 JUL 1980	202	10:27:14	117.4	46602.4	5.7	21.6	3.0	139.5
0757	NSSD19	9	231	92	0594	21 JUL 1980	203	10:31:17	118.9	46517.5	5.8	21.6	3.1	141.1
0759	NSSD19	10	230	88	0595	22 JUL 1980	204	10:19:49	120.3	47953.1	4.7	21.8	3.1	142.6
0760	NSSD19	11	295	103	0596	23 JUL 1980	205	06:00:46	118.5	64046.0	-8.7	25.6	3.1	143.9
0761	NSSD19	12	233	87	0596	23 JUL 1980	205	10:21:35	121.9	48044.9	4.7	21.9	3.1	144.2
0762	NSSD19	13	291	99	0597	24 JUL 1980	206	06:01:47	120.0	64107.9	-8.7	25.6	3.2	145.5
0763	NSSD19	14	233	85	0597	24 JUL 1980	206	10:23:19	123.5	48103.3	4.6	21.9	3.2	145.8
0764	NSSD19	15	299	99	0598	25 JUL 1980	207	06:02:27	121.6	64158.2	-8.8	25.6	3.2	147.1

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK	CENTER	TIME	PHASE	SPACECRAFT	SUBSPACECRAFT	SUBS	AR	
						DATE	DOY	S/C UT	ANGLE	ALTITUDE(KM)	LAT	LOX	LAT	LOX
0765	NSSD19	16	232	82	0598	25 JUL 1980	207	10:24:50	125.0	48294.8	4.5	21.9	3.2	147.4
0768	NSSD19	17	296	94	0600	27 JUL 1980	209	06:11:42	124.7	64295.6	-9.0	25.7	3.3	150.3
0769	NSSD19	18	225	75	0600	27 JUL 1980	209	10:35:45	128.2	48542.7	4.3	21.9	3.3	150.6
0776	NSSD20	1	297	84	0604	31 JUL 1980	213	06:36:42	131.3	63505.5	-8.0	25.4	3.3	156.7
0777	NSSD20	2	225	67	0604	31 JUL 1980	213	10:52:23	134.6	47037.7	5.4	21.6	3.4	156.9
0778	NSSD20	3	297	82	0605	1 AUG 1980	214	06:39:11	132.9	63540.1	-8.1	25.4	3.4	158.2
0780	NSSD20	4	297	80	0606	2 AUG 1980	215	06:40:11	134.4	63596.6	-8.1	25.4	3.4	159.8
0781	NSSD20	5	225	63	0606	2 AUG 1980	215	10:57:04	137.7	47199.7	5.3	21.6	3.4	160.1
0782	NSSD20	6	297	79	0607	3 AUG 1980	216	06:41:31	136.0	63652.7	-8.2	25.4	3.4	161.4
0783	NSSD20	7	226	61	0607	3 AUG 1980	216	10:58:54	139.2	47366.5	5.2	21.6	3.4	161.7
0784	NSSD20	8	299	77	0608	4 AUG 1980	217	06:42:17	137.5	63696.7	-8.3	25.4	3.4	163.0
0785	NSSD20	9	223	59	0608	4 AUG 1980	217	11:00:21	140.8	47396.9	5.2	21.6	3.4	163.3
0786	NSSD20	10	296	74	0609	5 AUG 1980	218	06:43:02	139.1	63752.2	-8.3	25.4	3.4	164.6
0787	NSSD20	11	225	58	0609	5 AUG 1980	218	11:01:58	142.3	47563.3	5.0	21.6	3.4	164.9
0788	NSSD20	12	221	56	0610	6 AUG 1980	219	11:03:34	143.9	47657.5	5.0	21.6	3.4	166.5
0789	NSSD20	13	293	71	0611	7 AUG 1980	220	06:44:45	142.2	63894.6	-8.5	25.5	3.4	167.8
0790	NSSD21	1	220	53	0611	7 AUG 1980	220	11:05:04	145.5	47720.2	4.9	21.6	3.4	168.1
0791	NSSD21	2	288	67	0612	8 AUG 1980	221	06:45:35	143.7	63947.6	-8.5	25.5	3.4	169.4
0792	NSSD21	3	216	51	0612	8 AUG 1980	221	11:06:41	147.0	47884.5	4.8	21.6	3.4	169.6
0809	NSSD21	4	154	82	0620	16 AUG 1980	229	19:49:37	130.7	39244.8	-41.4	37.9	3.2	-177.1
0810	NSSD21	5	206	56	0620	17 AUG 1980	230	00:05:27	145.3	60470.6	-25.4	30.9	3.2	-176.8
0813	NSSD21	6	66	28	0621	17 AUG 1980	230	13:34:08	156.0	33303.3	16.5	18.0	3.2	-175.9
0814	NSSD21	7	145	78	0621	17 AUG 1980	230	19:51:54	131.4	39109.6	-41.5	37.9	3.2	-175.5
0815	NSSD21	8	204	55	0621	18 AUG 1980	231	00:07:01	146.4	60413.4	-25.5	31.0	3.2	-175.2
0817	NSSD21	9	64	29	0622	18 AUG 1980	231	13:36:22	156.9	33401.4	16.4	18.0	3.2	-174.3
0818	NSSD21	10	139	76	0622	18 AUG 1980	231	19:54:07	132.3	39149.4	-41.4	37.9	3.2	-173.9
0820	NSSD21	11	55	31	0623	19 AUG 1980	232	13:38:33	157.8	33550.1	16.3	18.0	3.2	-172.7
0821	NSSD21	12	145	78	0623	19 AUG 1980	232	19:56:19	133.0	39014.1	-41.5	38.0	3.2	-172.3
0822	NSSD21	13	204	54	0623	20 AUG 1980	233	00:09:50	148.5	60227.2	-25.6	31.0	3.2	-172.0
0825	NSSD21	14	41	29	0624	20 AUG 1980	233	13:40:51	158.6	33647.6	16.2	18.1	3.1	-171.1
0826	NSSD22	1	140	76	0624	20 AUG 1980	233	19:58:42	133.7	38922.3	-41.6	38.0	3.1	-170.7
0827	NSSD22	2	157	44	0624	21 AUG 1980	234	00:11:26	149.5	60187.0	-25.6	31.0	3.1	-170.4
0828	NSSD22	3	146	31	0625	21 AUG 1980	234	05:08:16	160.1	66497.3	-13.7	27.0	3.1	-170.1
0830	NSSD22	4	133	74	0625	21 AUG 1980	234	20:00:51	134.4	38830.2	-41.7	38.1	3.1	-169.1
0831	NSSD22	5	166	46	0625	22 AUG 1980	235	00:12:42	150.4	60092.6	-25.7	31.1	3.1	-168.8
0832	NSSD22	6	121	26	0626	22 AUG 1980	235	05:09:15	161.3	66507.1	-13.7	27.1	3.1	-168.5
0834	NSSD22	7	34	32	0626	22 AUG 1980	235	13:45:15	159.9	33741.2	16.2	18.0	3.1	-167.9
0835	NSSD22	8	127	73	0626	22 AUG 1980	235	20:03:16	135.1	38826.4	-41.7	38.1	3.0	-167.5
0836	NSSD22	9	161	45	0626	23 AUG 1980	236	00:14:32	151.3	60034.0	-25.7	31.1	3.0	-167.2
0837	NSSD22	10	112	24	0627	23 AUG 1980	236	05:10:48	162.5	66514.1	-13.8	27.1	3.0	-166.9
0841	NSSD22	11	141	43	0627	24 AUG 1980	237	00:28:44	152.7	60597.0	-25.2	30.9	3.0	-165.6
0844	NSSD22	12	32	35	0628	24 AUG 1980	237	13:49:56	160.8	33935.3	16.1	18.1	3.0	-164.7
0845	NSSD22	13	122	72	0628	24 AUG 1980	237	20:08:11	136.4	38774.8	-41.7	38.1	3.0	-164.3
0846	NSSD22	14	135	41	0628	25 AUG 1980	238	00:18:10	152.9	59952.9	-25.8	31.1	2.9	-164.0
0849	NSSD23	1	38	39	0629	25 AUG 1980	238	13:52:15	161.0	33931.8	16.1	18.1	2.9	-163.1
0850	NSSD23	2	111	69	0629	25 AUG 1980	238	20:10:38	136.8	38594.2	-41.8	38.2	2.9	-162.7
0852	NSSD23	3	118	58	0630	26 AUG 1980	239	21:25:35	143.8	46704.4	-35.8	35.2	2.9	-161.0
0853	NSSD23	4	98	28	0630	27 AUG 1980	240	02:05:13	158.9	64107.6	-21.4	29.5	2.8	-160.7
0854	NSSD23	5	112	57	0631	27 AUG 1980	240	21:27:48	144.3	46596.0	-35.9	35.2	2.8	-159.4
0855	NSSD23	6	96	30	0631	28 AUG 1980	241	02:06:31	159.5	64048.9	-21.4	29.6	2.8	-159.1
0856	NSSD23	7	110	61	0632	28 AUG 1980	241	21:29:22	144.7	46522.5	-35.9	35.2	2.7	-157.8
0857	NSSD23	8	89	30	0632	29 AUG 1980	242	02:06:58	159.9	63956.4	-21.6	29.6	2.7	-157.5
0859	NSSD23	9	77	32	0633	30 AUG 1980	243	02:08:03	160.4	63930.3	-21.6	29.6	2.7	-155.9
0861	NSSD23	10	73	32	0634	31 AUG 1980	244	02:09:02	160.6	63858.9	-21.6	29.6	2.6	-154.3
0862	NSSD23	11	93	59	0635	31 AUG 1980	244	21:35:21	145.6	46230.9	-36.1	35.3	2.6	-153.0

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK	CENTER	TIME	PHASE	SPACECRAFT	SUBSPACECRAFT	SUBS	AR	
						DATE	DOY	S/C UT	ANGLE	ALTITUDE(KM)	LAT	LOX	LAT	LOX
0863	NSSD23	12	65	33	0635	1 SEP 1980	245	02:10:44	160.7	63786.7	-21.7	29.7	2.6	-152.7
0864	NSSD23	13	86	59	0636	1 SEP 1980	245	21:38:11	145.9	46263.3	-36.1	35.3	2.5	-151.4
0865	NSSD23	14	65	32	0636	2 SEP 1980	246	02:13:32	160.8	63795.0	-21.7	29.6	2.5	-151.1
0867	NSSD24	1	62	35	0637	3 SEP 1980	247	02:15:14	160.7	63768.7	-21.7	29.7	2.4	-149.5
0868	NSSD24	2	78	71	0638	3 SEP 1980	247	21:42:53	146.0	46080.1	-36.2	35.3	2.4	-148.2
0869	NSSD24	3	63	33	0638	4 SEP 1980	248	02:16:56	160.4	63695.8	-21.8	29.7	2.4	-147.9
0885	NSSD24	4	183	38	0646	11 SEP 1980	255	12:09:05	157.5	50778.7	3.3	22.0	1.8	-136.1
0887	NSSD24	5	194	41	0647	12 SEP 1980	256	12:11:15	155.9	50837.0	3.3	22.0	1.7	-134.5
0889	NSSD24	6	207	44	0648	13 SEP 1980	257	12:13:32	154.4	50955.0	3.2	22.0	1.6	-132.9
0891	NSSD24	7	214	46	0649	14 SEP 1980	258	12:15:42	152.9	51013.3	3.2	22.1	1.6	-131.2
0893	NSSD24	8	217	48	0650	15 SEP 1980	259	12:17:54	151.3	51071.4	3.2	22.1	1.5	-129.6
0895	NSSD24	9	222	51	0651	16 SEP 1980	260	12:20:22	149.8	51070.2	3.2	22.1	1.4	-128.0
0897	NSSD24	10	227	52	0652	17 SEP 1980	261	12:22:49	148.2	51128.5	3.2	22.1	1.3	-126.4
0899	NSSD24	11	229	54	0653	18 SEP 1980	262	12:25:24	146.6	51101.2	3.2	22.1	1.2	-124.8
0901	NSSD24	12	232	56	0654	19 SEP 1980	263	12:27:58	145.1	51190.2	3.1	22.1	1.1	-123.2
0903	NSSD24	13	232	58	0655	20 SEP 1980	264	12:30:31	143.5	51160.1	3.2	22.1	1.0	-121.6
0905	NSSD24	14	227	59	0656	21 SEP 1980	265	12:57:46	141.2	49034.8	4.8	21.7	0.9	-120.0
0907	NSSD25	1	230	62	0657	22 SEP 1980	266	13:00:29	139.7	49002.5	4.8	21.7	0.9	-118.4
0909	NSSD25	2	227	63	0658	23 SEP 1980	267	13:03:15	138.1	48970.2	4.8	21.7	0.8	-116.7
0911	NSSD25	3	230	65	0659	24 SEP 1980	268	13:06:04	136.5	48970.2	4.9	21.7	0.7	-115.1
0915	NSSD25	4	233	69	0661	26 SEP 1980	270	13:12:17	133.3	48938.2	4.9	21.7	0.5	-111.9
0917	NSSD25	5	237	73	0662	27 SEP 1980	271	13:15:09	131.8	48906.3	4.9	21.7	0.4	-110.3
0919	NSSD25	6	242	75	0663	28 SEP 1980	272	13:18:01	130.2	48878.0	5.0	21.7	0.3	-108.7
0921	NSSD25	7	242	79	0664	29 SEP 1980	273	13:21:14	128.6	48847.1	5.0	21.7	0.2	-107.1
0923	NSSD25	8	241	80	0665	30 SEP 1980	274	13:24:21	127.0	48847.7	5.0	21.7	0.1	-105.4
0925	NSSD25	9	239	82	0666	1 OCT 1980	275	13:27:37	125.4	48783.6	5.1	21.7	0.0	-103.8
0927	NSSD25	10	242	86	0667	2 OCT 1980	276	13:30:42	123.8	48751.9	5.1	21.7	-0.1	-102.2
0929	NSSD25	11	243	89	0668	3 OCT 1980	277	13:33:51	122.2	48720.4	5.1	21.7	-0.2	-100.6
0931	NSSD25	12	238	90	0669	4 OCT 1980	278	13:37:03	120.6	48623.7	5.2	21.7	-0.3	-99.0
0933	NSSD25	13	241	93	0670	5 OCT 1980	279	13:40:14	119.0	48592.0	5.2	21.7	-0.4	-97.4
0935	NSSD26	1	244	97	0671	6 OCT 1980	280	13:43:27	117.4	48560.3	5.2	21.7	-0.5	-95.8
0937	NSSD26	2	242	102	0673	8 OCT 1980	282	13:49:57	114.2	48468.5	5.3	21.8	-0.7	-92.5
0939	NSSD26	3	242	106	0674	9 OCT 1980	283	13:53:17	112.6	48338.3	5.4	21.7	-0.8	-90.9
0941	NSSD26	4	240	107	0675	10 OCT 1980	284	13:56:36	111.0	48339.3	5.4	21.7	-0.9	-89.3
0943	NSSD26	5	241	111	0676	11 OCT 1980	285	13:59:55	109.4	48274.4	5.5	21.7	-0.9	-87.7
0945	NSSD26	6	242	114	0677	12 OCT 1980	286	14:03:19	107.8	48143.2	5.6	21.7	-1.0	-86.0
0946	NSSD26	7	311	122	0678	13 OCT 1980	287	09:21:39	110.0	64651.1	-8.9	25.7	-1.1	-84.7
0947	NSSD26	8	239	116	0678	13 OCT 1980	287	14:06:37	106.2	48111.1	5.6	21.7	-1.1	-84.4
0949	NSSD26	9	239	120	0679	14 OCT 1980	288	14:10:16	104.6	47979.0	5.7	21.7	-1.2	-82.8
0950	NSSD26	10	307	127	0680	15 OCT 1980	289	09:29:53	106.8	64566.6	-8.8	25.7	-1.3	-81.5
0953	NSSD26	11	238	126	0681	16 OCT 1980	290	14:16:52	101.4	47914.1	5.7	21.7	-1.4	-79.5
0954	NSSD26	12	129	147	0681	16 OCT 1980	290	17:28:35	93.9	22070.5	29.7	14.4	-1.4	-79.3
0957	NSSD26	13	274	132	0682	17 OCT 1980	291	12:41:01	101.4	55796.8	-0.2	23.3	-1.5	-78.0
0958	NSSD26	14	171	129	0682	17 OCT 1980	291	16:26:08	96.2	32797.6	17.9	18.3	-1.5	-77.8
0959	NSSD27	1	190	149	0682	17 OCT 1980	291	22:20:18	107.1	36546.5	-43.4	38.1	-1.5	-77.4
0960	NSSD27	2	283	137	0682	18 OCT 1980	292	02:10:01	105.6	57833.4	-27.3	31.3	-1.5	-77.1
0962	NSSD27	3	275	135	0683	18 OCT 1980	292	12:44:42	99.7	55749.7	-0.2	23.3	-1.6	-76.4
0963	NSSD27	4	174	136	0683	18 OCT 1980	292	16:29:07	94.7	32695.0	18.0	18.3	-1.6	-76.2
0965	NSSD27	5	283	141	0683	19 OCT 1980	293	02:13:39	104.1	57876.5	-27.2	31.3	-1.6	-75.5
0966	NSSD27	6	318	141	0684	19 OCT 1980	293	07:37:53	101.5	66514.6	-13.7	27.1	-1.6	-75.1
0967	NSSD27	7	272	138	0684	19 OCT 1980	293	12:48:11	98.1	55654.2	-0.1	23.3	-1.7	-74.8
0970	NSSD27	8	281	143	0684	20 OCT 1980	294	02:17:18	102.6	57961.5	-27.2	31.3	-1.7	-73.9
0971	NSSD27	9	315	143	0685	20 OCT 1980	294	07:41:57	99.9	66507.3	-13.6	27.1	-1.7	-73.5
0972	NSSD27	10	260	140	0685	20 OCT 1980	294	12:51:55	96.5	55606.7	-0.1	23.3	-1.7	-73.2
0973	NSSD27	11	174	143	0685	20 OCT 1980	294	16:35:01	91.6	32540.7	18.1	18.2	-1.7	-72.9

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
0975	NSSD27	12	280	145	0685	21 OCT 1980	295	02:21:17	101.2	58046.2	-27.1	31.2	-1.8	-72.2
0976	NSSD27	13	319	148	0686	21 OCT 1980	295	07:46:16	98.2	66497.6	-13.5	27.0	-1.8	-71.9
0977	NSSD27	14	269	142	0686	21 OCT 1980	295	12:55:38	94.8	55534.7	0.0	23.3	-1.8	-71.5
0978	NSSD28	1	173	145	0686	21 OCT 1980	295	16:37:58	90.2	32696.5	18.0	18.3	-1.8	-71.3
0981	NSSD28	2	319	151	0687	22 OCT 1980	296	07:50:20	96.6	66490.9	-13.5	27.0	-1.9	-70.3
0982	NSSD28	3	263	143	0687	22 OCT 1980	296	12:59:13	93.2	55438.1	0.0	23.3	-1.9	-69.9
0983	NSSD28	4	172	148	0687	22 OCT 1980	296	16:40:54	88.6	32593.5	18.1	18.3	-1.9	-69.7
0985	NSSD28	5	285	154	0687	23 OCT 1980	297	02:28:51	98.2	58151.2	-27.0	31.2	-1.9	-69.0
0986	NSSD28	6	314	152	0688	23 OCT 1980	297	07:54:30	95.0	66481.7	-13.4	27.0	-2.0	-68.6
0987	NSSD28	7	269	150	0688	23 OCT 1980	297	13:03:00	91.6	55318.6	0.1	23.3	-2.0	-68.3
0989	NSSD28	8	286	157	0688	24 OCT 1980	298	02:32:57	96.7	58254.3	-26.9	31.2	-2.0	-67.4
0991	NSSD28	9	272	154	0689	24 OCT 1980	298	13:06:52	89.9	55295.1	0.1	23.3	-2.1	-66.7
0992	NSSD28	10	169	153	0689	24 OCT 1980	298	16:46:59	85.6	32446.2	18.2	18.2	-2.1	-66.4
0995	NSSD28	11	226	120	0690	25 OCT 1980	299	08:03:23	91.8	66458.8	-13.3	27.0	-2.1	-65.4
0997	NSSD28	12	234	158	0691	26 OCT 1980	300	14:51:05	85.2	46938.9	6.4	21.6	-2.2	-63.3
0998	NSSD28	13	231	160	0692	27 OCT 1980	301	14:54:25	83.6	46938.9	6.4	21.6	-2.3	-61.7
0999	NSSD28	14	234	165	0693	28 OCT 1980	302	14:57:42	82.0	46869.6	6.4	21.6	-2.4	-60.0
1000	NSSD29	1	233	168	0694	29 OCT 1980	303	15:01:04	80.3	46730.6	6.5	21.6	-2.4	-58.4
1002	NSSD29	2	223	170	0696	31 OCT 1980	305	15:07:41	77.1	46621.3	6.6	21.5	-2.6	-55.2
1003	NSSD29	3	227	173	0697	1 NOV 1980	306	15:10:53	75.5	46549.9	6.6	21.5	-2.6	-53.5
1004	NSSD29	4	228	179	0698	2 NOV 1980	307	15:14:14	73.9	46444.0	6.7	21.5	-2.7	-51.9
1005	NSSD29	5	229	183	0699	3 NOV 1980	308	15:17:45	72.2	46372.8	6.8	21.5	-2.7	-50.3
1006	NSSD29	6	228	185	0700	4 NOV 1980	309	15:20:47	70.6	46336.5	6.8	21.5	-2.8	-48.6
1007	NSSD29	7	227	188	0701	5 NOV 1980	310	15:23:56	69.0	46264.9	6.8	21.4	-2.8	-47.0
1008	NSSD29	8	224	188	0702	6 NOV 1980	311	15:27:17	67.4	46122.0	6.9	21.4	-2.9	-45.4
1009	NSSD29	9	228	198	0704	8 NOV 1980	313	15:33:42	64.2	46047.7	7.0	21.4	-3.0	-42.1
1010	NSSD29	10	226	200	0705	9 NOV 1980	314	15:36:50	62.6	45974.9	7.0	21.4	-3.0	-40.5
1011	NSSD29	11	226	202	0706	10 NOV 1980	315	15:40:00	60.9	45830.0	7.1	21.3	-3.1	-38.9
1021	NSSD29	12	295	232	0719	23 NOV 1980	328	11:34:59	43.4	63754.0	-7.9	25.4	-3.4	-18.0
1024	NSSD29	13	232	238	0721	25 NOV 1980	330	15:58:45	37.1	47916.7	5.6	21.6	-3.4	-14.5
1026	NSSD30	1	246	254	0722	27 NOV 1980	332	02:15:42	51.9	50686.6	-32.8	33.7	-3.4	-12.2
1028	NSSD30	2	225	191	0723	28 NOV 1980	333	08:02:23	39.8	66218.0	-16.8	28.1	-3.4	-10.1
1032	NSSD30	3	242	259	0726	1 DEC 1980	336	02:28:03	47.0	50819.9	-32.7	33.7	-3.4	-5.7
1036	NSSD30	4	238	261	0729	4 DEC 1980	339	02:37:08	43.6	50868.0	-32.6	33.7	-3.3	-0.8
1038	NSSD30	5	235	264	0730	5 DEC 1980	340	02:31:17	43.0	50107.5	-33.2	33.9	-3.3	0.8
1039	NSSD30	6	295	256	0730	5 DEC 1980	340	07:06:22	31.8	64882.6	-19.8	29.0	-3.3	1.1
1044	NSSD30	7	235	265	0733	8 DEC 1980	343	02:48:11	39.4	50821.1	-32.6	33.7	-3.2	5.7
1048	NSSD30	8	244	270	0736	11 DEC 1980	346	03:25:59	35.0	53139.6	-30.9	33.1	-3.1	10.6
1051	NSSD30	9	248	276	0738	13 DEC 1980	348	03:30:55	33.3	53077.4	-30.9	33.1	-3.0	13.8
1054	NSSD30	10	243	273	0740	15 DEC 1980	350	03:35:14	31.9	52988.1	-31.0	33.1	-2.9	17.1
1055	NSSD30	11	225	248	0741	15 DEC 1980	350	16:55:06	9.6	47697.8	6.1	21.3	-2.9	17.9
1056	NSSD30	12	234	276	0742	17 DEC 1980	352	03:14:29	32.3	50815.7	-32.5	33.7	-2.8	20.3
1058	NSSD30	13	282	248	0743	17 DEC 1980	352	12:42:46	6.4	63627.2	-7.5	25.3	-2.8	20.9
1059	NSSD30	14	230	250	0743	17 DEC 1980	352	16:58:33	8.7	47957.1	5.9	21.4	-2.8	21.2
1060	NSSD31	1	234	278	0743	18 DEC 1980	353	03:16:56	31.8	50752.5	-32.6	33.8	-2.8	21.9
1062	NSSD31	2	285	254	0744	18 DEC 1980	353	12:43:57	5.6	63680.7	-7.6	25.3	-2.7	22.5
1063	NSSD31	3	226	247	0744	18 DEC 1980	353	17:00:04	8.7	48019.9	5.9	21.4	-2.7	22.8
1066	NSSD31	4	303	263	0745	19 DEC 1980	354	10:52:55	9.9	66107.1	-12.2	26.7	-2.7	24.0
1067	NSSD31	5	255	253	0745	19 DEC 1980	354	15:50:10	4.3	54090.2	1.3	22.7	-2.7	24.3
1068	NSSD31	6	164	246	0745	19 DEC 1980	354	19:08:22	21.5	33405.9	17.7	17.7	-2.7	24.5
1070	NSSD31	7	274	267	0745	20 DEC 1980	355	06:00:46	22.2	61007.1	-24.2	30.6	-2.6	25.3
1071	NSSD31	8	307	266	0746	20 DEC 1980	355	10:53:43	9.7	66121.6	-12.3	26.7	-2.6	25.6
1072	NSSD31	9	242	237	0746	20 DEC 1980	355	15:51:26	5.0	54213.2	1.2	22.7	-2.6	25.9
1073	NSSD31	10	164	244	0746	20 DEC 1980	355	19:10:25	21.9	33497.2	17.6	17.8	-2.6	26.2
1074	NSSD31	11	192	280	0746	21 DEC 1980	356	02:00:32	37.2	42470.2	-38.7	36.5	-2.6	26.6

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK	CENTER	TIME	PHASE	SPACECRAFT	SUBSPACECRAFT	SUBS	AR	
						DATE	DOY	S/C UT	ANGLE	ALTITUDE(KM)	LAT	Lon	LAT	Lon
1075	NSSD31	12	275	268	0746	21 DEC 1980	356	06:02:20	22.0	60955.0	-24.3	30.6	-2.6	26.9
1076	NSSD31	13	301	262	0747	21 DEC 1980	356	10:56:33	9.7	66118.3	-12.3	26.7	-2.6	27.2
1077	NSSD31	14	254	251	0747	21 DEC 1980	356	15:52:29	6.0	54365.1	1.1	22.7	-2.5	27.5
1078	NSSD32	1	161	240	0747	21 DEC 1980	356	19:12:20	22.4	33651.2	17.5	17.8	-2.5	27.8
1079	NSSD32	2	192	281	0747	22 DEC 1980	357	02:02:40	37.0	42347.7	-38.8	36.6	-2.5	28.2
1080	NSSD32	3	270	263	0747	22 DEC 1980	357	06:03:21	21.9	60852.6	-24.3	30.6	-2.5	28.5
1081	NSSD32	4	302	262	0748	22 DEC 1980	357	10:54:56	10.1	66163.2	-12.4	26.7	-2.5	28.8
1082	NSSD32	5	205	278	0748	23 DEC 1980	358	02:35:09	34.3	45553.0	-36.4	35.4	-2.5	29.9
1083	NSSD32	6	272	259	0748	23 DEC 1980	358	06:37:13	20.5	62217.4	-22.9	30.1	-2.4	30.1
1084	NSSD32	7	295	257	0749	23 DEC 1980	358	11:32:59	9.5	65718.9	-11.0	26.3	-2.4	30.5
1085	NSSD32	8	204	279	0749	24 DEC 1980	359	02:36:59	34.3	45370.4	-36.5	35.5	-2.4	31.5
1086	NSSD32	9	279	266	0749	24 DEC 1980	359	06:37:56	20.7	62100.0	-23.0	30.2	-2.4	31.7
1087	NSSD32	10	298	257	0750	24 DEC 1980	359	11:33:16	10.4	65743.6	-11.1	26.3	-2.4	32.1
1088	NSSD32	11	205	279	0750	25 DEC 1980	360	02:39:06	34.2	45403.8	-36.4	35.4	-2.3	33.1
1089	NSSD32	12	267	252	0750	25 DEC 1980	360	06:39:02	21.0	62053.8	-23.1	30.2	-2.3	33.3
1090	NSSD32	13	295	257	0751	25 DEC 1980	360	11:33:44	11.5	65783.7	-11.2	26.4	-2.3	33.7
1091	NSSD32	14	120	254	0751	25 DEC 1980	360	20:28:50	36.7	23229.9	28.9	13.9	-2.3	34.3
1092	NSSD33	1	268	255	0751	26 DEC 1980	361	06:39:49	21.4	61934.3	-23.2	30.2	-2.2	34.9
1093	NSSD33	2	300	259	0752	26 DEC 1980	361	11:33:56	12.6	65822.5	-11.2	26.4	-2.2	35.3
1094	NSSD33	3	202	277	0752	27 DEC 1980	362	02:42:53	34.5	45108.9	-36.6	35.5	-2.2	36.3
1095	NSSD33	4	276	263	0752	27 DEC 1980	362	06:40:32	21.9	61857.9	-23.2	30.2	-2.2	36.6
1096	NSSD33	5	299	257	0753	27 DEC 1980	362	11:34:06	13.9	65845.0	-11.3	26.4	-2.1	36.9
1097	NSSD33	6	201	276	0753	28 DEC 1980	363	02:44:47	34.7	45033.8	-36.7	35.5	-2.1	37.9
1098	NSSD33	7	273	260	0753	28 DEC 1980	363	06:41:18	22.6	61781.1	-23.3	30.2	-2.1	38.2
1099	NSSD33	8	298	257	0754	28 DEC 1980	363	11:34:12	15.2	65881.8	-11.4	26.4	-2.1	38.5
1100	NSSD33	9	185	277	0754	29 DEC 1980	364	02:17:13	37.2	41771.3	-39.1	36.7	-2.0	39.5
1102	NSSD33	10	303	261	0755	29 DEC 1980	364	10:56:23	17.0	66280.9	-13.0	26.9	-2.0	40.0
1103	NSSD33	11	255	245	0755	29 DEC 1980	364	15:58:14	17.5	55532.7	0.4	23.0	-2.0	40.4
1104	NSSD33	12	168	238	0755	29 DEC 1980	364	19:26:33	29.0	34869.3	16.7	18.2	-2.0	40.6
1105	NSSD33	13	185	278	0755	30 DEC 1980	365	02:19:08	37.5	41648.4	-39.2	36.7	-2.0	41.1
1106	NSSD33	14	268	262	0755	30 DEC 1980	365	06:10:19	25.2	60061.5	-25.0	30.8	-1.9	41.3
1120	NSSD34	2	182	273	0758	2 JAN 1981	002	02:24:23	38.7	41236.9	-39.5	36.8	-1.7	45.9
1121	NSSD34	3	262	257	0758	2 JAN 1981	002	06:11:29	27.8	59678.1	-25.3	30.9	-1.7	46.1
1122	NSSD34	4	301	257	0759	2 JAN 1981	002	10:54:53	22.5	66336.3	-13.5	27.1	-1.7	46.4
1123	NSSD34	5	262	246	0759	2 JAN 1981	002	15:59:13	23.7	56231.8	-0.1	23.2	-1.7	46.8
1124	NSSD34	6	169	233	0759	2 JAN 1981	002	19:32:47	33.4	35633.6	16.1	18.4	-1.7	47.0
1125	NSSD34	7	181	272	0759	3 JAN 1981	003	02:26:11	39.2	41153.6	-39.6	36.8	-1.6	47.5
1126	NSSD34	8	263	258	0759	3 JAN 1981	003	06:11:59	28.8	59529.3	-25.4	30.9	-1.6	47.7
1127	NSSD34	9	298	253	0760	3 JAN 1981	003	10:54:36	23.9	66343.8	-13.6	27.1	-1.6	48.0
1128	NSSD35	1	255	240	0760	3 JAN 1981	003	15:59:32	25.2	56414.2	-0.3	23.2	-1.6	48.4
1129	NSSD35	2	172	235	0760	3 JAN 1981	003	19:34:22	34.6	35727.7	16.0	18.4	-1.6	48.6
1130	NSSD35	3	179	268	0760	4 JAN 1981	004	02:27:56	39.8	40946.9	-39.7	36.9	-1.5	49.1
1131	NSSD35	4	262	256	0760	4 JAN 1981	004	06:12:17	29.8	59435.2	-25.5	31.0	-1.5	49.3
1132	NSSD35	5	300	254	0761	4 JAN 1981	004	10:53:50	25.4	66352.5	-13.7	27.1	-1.5	49.6
1133	NSSD35	6	262	244	0761	4 JAN 1981	004	15:59:15	26.7	56594.8	-0.4	23.2	-1.5	50.0
1134	NSSD35	7	169	226	0761	4 JAN 1981	004	19:35:34	35.8	35963.6	15.8	18.5	-1.5	50.2
1136	NSSD35	8	261	254	0761	5 JAN 1981	005	06:11:53	30.9	59227.2	-25.7	31.0	-1.4	50.9
1137	NSSD35	9	298	251	0762	5 JAN 1981	005	10:52:22	26.8	66358.5	-13.9	27.2	-1.4	51.2
1138	NSSD35	10	262	242	0762	5 JAN 1981	005	15:58:33	28.3	56840.6	-0.6	23.3	-1.4	51.6
1143	NSSD35	11	195	202	0763	6 JAN 1981	006	17:19:31	31.7	51100.5	3.9	22.0	-1.3	53.3
1147	NSSD35	12	253	225	0764	7 JAN 1981	007	12:38:47	29.7	65265.8	-9.8	26.0	-1.3	54.5
1153	NSSD35	13	223	231	0765	8 JAN 1981	008	18:03:40	36.0	47683.6	6.5	21.3	-1.1	56.5
1155	NSSD35	14	279	252	0765	9 JAN 1981	009	08:13:34	33.7	63900.3	-20.6	29.3	-1.1	57.4
1162	NSSD36	1	205	271	0767	11 JAN 1981	011	03:29:46	42.3	45596.1	-36.2	35.1	-0.9	60.3
1166	NSSD36	2	205	271	0768	12 JAN 1981	012	03:30:35	43.3	45416.3	-36.3	35.1	-0.8	61.9

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBS LAT	SUBS LON
1190	NSSD36	3	204	263	0774	18 JAN 1981	018	03:34:36	49.7	44130.3	-37.3	35.5	-0.3	71.4
1197	NSSD36	4	232	215	0776	19 JAN 1981	019	18:24:21	52.7	48513.3	6.0	21.6	-0.1	74.0
1198	NSSD36	5	200	254	0776	20 JAN 1981	020	03:35:15	52.0	43639.0	-37.6	35.6	-0.1	74.6
1201	NSSD36	6	227	207	0777	20 JAN 1981	020	18:23:58	54.1	48868.9	5.8	21.7	0.0	75.6
1206	NSSD36	7	200	251	0778	22 JAN 1981	022	03:35:55	54.3	43063.8	-38.1	35.7	0.1	77.8
1210	NSSD36	8	198	248	0779	23 JAN 1981	023	03:36:25	55.5	42909.2	-38.2	35.8	0.2	79.4
1214	NSSD36	9	207	243	0780	24 JAN 1981	024	03:55:01	56.3	44654.5	-36.9	35.2	0.3	81.0
1218	NSSD36	10	206	240	0782	25 JAN 1981	025	03:54:58	57.6	44284.1	-37.1	35.3	0.4	82.6
1246	NSSD36	11	201	221	0788	1 FEB 1981	032	03:55:46	66.1	42405.7	-38.6	35.8	1.0	93.7
1247	NSSD36	12	283	208	0788	1 FEB 1981	032	08:04:07	66.6	61237.5	-23.7	30.2	1.0	93.9
1250	NS3D36	13	196	216	0789	2 FEB 1981	033	03:55:58	67.4	42128.6	-38.8	35.9	1.1	95.2
1252	NSSD36	14	299	194	0790	2 FEB 1981	033	13:28:54	70.2	65639.4	-10.5	26.3	1.1	95.9
1253	NSSD37	1	239	178	0790	2 FEB 1981	033	18:35:12	74.0	50799.4	4.3	22.2	1.2	96.2
1254	NSSD37	2	200	215	0790	3 FEB 1981	034	03:56:06	68.6	41969.6	-39.0	36.0	1.2	96.8
1257	NSSD37	3	224	170	0791	3 FEB 1981	034	18:34:20	75.5	51096.3	4.1	22.3	1.3	97.8
1258	NSSD37	4	199	213	0791	4 FEB 1981	035	03:56:27	69.8	41688.8	-39.2	36.0	1.3	98.4
1266	NSSD37	5	226	214	0793	6 FEB 1981	037	04:50:00	72.6	46905.4	-35.4	34.3	1.5	101.6
1267	NSSD37	6	284	193	0793	6 FEB 1981	037	09:01:52	74.3	63051.1	-22.1	29.5	1.5	101.9
1268	NSSD37	7	281	175	0794	6 FEB 1981	037	14:36:50	77.1	64308.1	-8.7	25.6	1.5	102.3
1269	NSSD37	8	211	156	0794	6 FEB 1981	037	19:43:10	81.4	45251.4	7.7	21.1	1.5	102.6
1273	NSSD37	9	223	158	0795	7 FEB 1981	038	19:36:19	82.8	45995.0	7.8	21.3	1.6	104.2
1274	NSSD37	10	220	205	0795	8 FEB 1981	039	04:45:23	75.1	46205.5	-35.8	34.5	1.6	104.8
1275	NSSD37	11	287	188	0795	8 FEB 1981	039	08:49:27	77.1	62513.3	-22.3	29.7	1.6	105.1
1276	NSSD37	12	300	176	0796	8 FEB 1981	039	14:17:58	80.0	64825.2	-9.0	25.8	1.7	105.4
1277	NSSD37	13	227	157	0796	8 FEB 1981	039	19:30:17	84.2	46684.9	7.4	21.4	1.7	105.8
1278	NSSD37	14	217	203	0796	9 FEB 1981	040	04:42:35	76.4	45781.5	-36.1	34.7	1.7	106.4
1280	NSSD38	1	299	173	0797	9 FEB 1981	040	14:13:17	81.5	64949.5	-9.2	25.9	1.7	107.0
1281	NSSD38	2	227	154	0797	9 FEB 1981	040	19:28:42	85.6	47032.6	7.1	21.5	1.8	107.3
1285	NSSD38	3	228	151	0798	10 FEB 1981	041	19:26:29	87.1	47336.2	6.9	21.6	1.8	108.9
1297	NSSD38	4	232	143	0801	13 FEB 1981	044	19:20:10	91.6	48239.0	6.2	21.8	2.1	113.7
1299	NSSD38	5	286	172	0801	14 FEB 1981	045	08:24:25	85.7	61172.9	-23.8	30.2	2.1	114.5
1300	NSSD38	6	304	160	0802	14 FEB 1981	045	13:49:59	89.0	65544.3	-10.4	26.3	2.1	114.9
1304	NSSD38	7	305	157	0803	15 FEB 1981	046	13:44:18	90.5	65649.8	-10.7	26.3	2.2	116.5
1309	NSSD38	8	232	132	0804	16 FEB 1981	047	19:13:17	96.2	49203.8	5.4	22.0	2.3	118.4
1313	NSSD38	9	238	132	0805	17 FEB 1981	048	19:11:04	97.7	49487.6	5.2	22.1	2.4	120.0
1314	NSSD38	10	281	158	0805	18 FEB 1981	049	08:08:15	91.3	60204.3	-24.8	30.5	2.4	120.8
1323	NSSD38	11	241	123	0808	20 FEB 1981	051	19:03:08	102.2	50466.1	4.5	22.3	2.5	124.7
1327	NSSD38	12	240	120	0809	21 FEB 1981	052	19:00:33	103.7	50823.7	4.2	22.3	2.6	126.3
1330	NSSD38	13	243	118	0810	22 FEB 1981	053	18:58:37	105.2	51088.8	4.0	22.4	2.7	127.9
1338	NSSD38	14	239	111	0812	24 FEB 1981	055	19:16:46	108.6	49728.1	5.0	22.1	2.8	131.0
1342	NSSD39	1	240	109	0813	25 FEB 1981	056	19:14:56	110.1	50004.4	4.8	22.1	2.8	132.6
1347	NSSD39	2	215	141	0814	27 FEB 1981	058	05:27:17	100.6	48137.0	-34.4	34.0	2.9	134.9
1350	NSSD39	3	231	99	0815	27 FEB 1981	058	19:23:54	113.4	49412.6	5.2	22.0	2.9	135.8
1351	NSSD39	4	219	141	0815	28 FEB 1981	059	05:25:04	101.8	47838.2	-34.6	34.1	2.9	136.5
1353	NSSD39	5	302	117	0816	28 FEB 1981	059	14:22:35	111.1	65222.3	-9.8	26.1	3.0	137.1
1354	NSSD39	6	238	99	0816	28 FEB 1981	059	19:22:04	114.9	49598.6	5.1	22.0	3.0	137.4
1355	NSSD39	7	211	135	0816	1 MAR 1981	060	05:23:10	103.0	47502.6	-34.9	34.3	3.0	138.0
1356	NSSD39	8	284	126	0816	1 MAR 1981	060	08:50:40	107.8	61537.1	-23.5	30.1	3.0	138.3
1357	NSSD39	9	305	116	0817	1 MAR 1981	060	14:18:46	112.6	65325.5	-10.1	26.2	3.0	138.6
1360	NSSD39	10	281	122	0817	2 MAR 1981	061	08:47:10	109.2	61365.4	-23.6	30.2	3.0	139.8
1368	NSSD39	11	275	115	0819	4 MAR 1981	063	08:39:51	111.9	60881.8	-24.1	30.4	3.1	143.0
1376	NSSD39	12	270	109	0821	6 MAR 1981	065	08:33:10	114.6	60476.4	-24.5	30.5	3.2	146.2
1380	NSSD39	13	275	109	0822	7 MAR 1981	066	08:30:45	115.9	60267.6	-24.7	30.6	3.2	147.7
1381	NSSD39	14	294	96	0823	7 MAR 1981	066	14:33:22	122.1	65148.3	-9.7	26.1	3.2	148.1
1382	NSSD40	1	234	81	0823	7 MAR 1981	066	19:31:48	125.9	49552.4	5.1	22.0	3.2	148.5

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
1398	NSSD40	2	288	97	0827	12 MAR 1981	071	09:19:31	124.1	62171.4	-22.8	30.0	3.3	155.7
1402	NSSD40	3	279	93	0828	13 MAR 1981	072	09:16:28	125.4	61982.0	-23.0	30.1	3.4	157.3
1411	NSSD40	4	221	83	0892	15 MAY 1981	135	21:02:43	122.6	48875.6	6.6	21.6	-0.2	-101.2
1414	NSSD40	5	222	86	0893	16 MAY 1981	136	21:05:27	121.0	48589.6	6.8	21.6	-0.3	-99.6
1420	NSSD40	6	217	89	0895	18 MAY 1981	138	21:10:20	117.7	48106.1	7.2	21.5	-0.4	-96.4
1427	NSSD40	7	254	95	0897	20 MAY 1981	140	16:29:38	118.6	64200.0	-7.6	25.5	-0.6	-93.5
1433	NSSD40	8	191	105	0898	22 MAY 1981	142	06:45:15	117.7	46302.5	-35.3	34.4	-0.8	-90.9
1434	NSSD40	9	243	100	0898	22 MAY 1981	142	10:36:20	117.6	61896.9	-22.3	29.8	-0.8	-90.6
1435	NSSD40	10	259	101	0899	22 MAY 1981	142	16:03:05	115.6	64828.3	-8.7	25.8	-0.8	-90.3
1438	NSSD40	11	249	105	0899	23 MAY 1981	143	10:40:23	116.1	62052.9	-22.1	29.7	-0.9	-89.0
1439	NSSD40	12	258	104	0900	23 MAY 1981	143	16:07:30	114.0	64743.6	-8.5	25.8	-0.9	-88.6
1440	NSSD40	13	205	101	0900	23 MAY 1981	143	20:59:27	110.0	49045.7	6.4	21.7	-0.9	-88.3
1444	NSSD40	14	206	104	0901	24 MAY 1981	144	21:02:38	108.4	48761.3	6.7	21.7	-1.0	-86.7
1448	NSSD41	1	206	108	0902	25 MAY 1981	145	21:05:55	106.7	48473.7	6.9	21.7	-1.1	-85.1
1450	NSSD41	2	207	100	0902	26 MAY 1981	146	10:53:52	111.5	62582.5	-21.5	29.5	-1.1	-84.1
1451	NSSD41	3	223	101	0903	26 MAY 1981	146	16:56:41	108.7	63385.2	-6.4	25.2	-1.2	-83.7
1460	NSSD41	4	217	118	0905	28 MAY 1981	148	20:46:28	102.3	50102.1	5.6	22.0	-1.4	-80.2
1461	NSSD41	5	128	91	0905	29 MAY 1981	149	06:39:53	108.5	45818.3	-35.7	34.5	-1.4	-79.6
1462	NSSD41	6	247	121	0905	29 MAY 1981	149	09:23:56	107.5	58442.6	-25.7	30.9	-1.4	-79.4
1464	NSSD41	7	222	121	0906	29 MAY 1981	149	20:26:18	101.1	51744.8	4.3	22.4	-1.4	-78.6
1467	NSSD41	8	213	119	0907	30 MAY 1981	150	20:29:40	99.4	51517.6	4.5	22.3	-1.5	-77.0
1470	NSSD41	9	222	128	0908	31 MAY 1981	151	20:32:56	97.8	51230.5	4.7	22.3	-1.6	-75.4
1474	NSSD41	10	215	127	0909	1 JUN 1981	152	20:35:53	96.1	50998.2	4.9	22.2	-1.7	-73.8
1480	NSSD41	11	247	137	0910	3 JUN 1981	154	09:13:29	100.2	57923.4	-26.2	31.0	-1.8	-71.3
1483	NSSD41	12	220	137	0911	3 JUN 1981	154	20:42:05	92.8	50347.4	5.4	22.1	-1.9	-70.5
1488	NSSD41	13	249	144	0912	5 JUN 1981	156	09:20:01	97.2	58347.9	-25.8	30.9	-2.0	-68.0
1496	NSSD41	14	246	151	0914	7 JUN 1981	158	08:58:19	94.4	57104.4	-26.9	31.3	-2.1	-64.8
1497	NSSD42	1	280	153	0915	7 JUN 1981	158	14:43:12	90.7	65961.7	-11.9	26.7	-2.2	-64.4
1498	NSSD42	2	221	149	0915	7 JUN 1981	158	20:28:31	86.6	51435.3	4.5	22.4	-2.2	-64.1
1506	NSSD42	3	218	152	0917	9 JUN 1981	160	20:34:04	83.3	50883.1	4.9	22.3	-2.3	-60.8
1512	NSSD42	4	252	166	0918	11 JUN 1981	162	09:13:10	88.3	58026.4	-26.2	31.0	-2.4	-58.3
1513	NSSD42	5	262	158	0919	11 JUN 1981	162	15:02:12	84.1	65779.0	-11.1	26.5	-2.4	-57.9
1517	NSSD42	6	276	168	0920	12 JUN 1981	163	15:06:50	82.4	65725.8	-11.0	26.5	-2.5	-56.3
1518	NSSD42	7	218	164	0920	12 JUN 1981	163	20:42:48	78.3	50166.6	5.5	22.1	-2.5	-55.9
1519	NSSD42	8	129	121	0920	13 JUN 1981	164	06:36:04	88.3	45892.2	-35.7	34.5	-2.5	-55.2
1520	NSSD42	9	251	170	0920	13 JUN 1981	164	09:20:50	85.2	58465.8	-25.8	30.9	-2.6	-55.1
1521	NSSD42	10	275	170	0921	13 JUN 1981	164	15:11:56	80.8	65659.6	-10.8	26.4	-2.6	-54.7
1522	NSSD42	11	217	167	0921	13 JUN 1981	164	20:45:36	76.7	49862.0	5.7	22.0	-2.6	-54.3
1524	NSSD42	12	254	175	0921	14 JUN 1981	165	09:24:18	83.7	58719.0	-25.6	30.8	-2.6	-53.4
1529	NSSD42	13	264	168	0923	15 JUN 1981	166	15:20:44	77.5	65531.7	-10.4	26.3	-2.7	-51.4
1534	NSSD42	14	211	172	0924	16 JUN 1981	167	20:43:05	71.9	49981.4	5.6	22.1	-2.8	-49.4
1537	NSSD43	1	278	180	0925	17 JUN 1981	168	14:46:01	74.7	65911.7	-11.7	26.7	-2.8	-48.2
1538	NSSD43	2	221	180	0925	17 JUN 1981	168	20:31:51	70.4	50965.8	4.8	22.3	-2.8	-47.8
1544	NSSD43	3	247	185	0926	19 JUN 1981	170	09:06:51	76.6	57752.7	-26.4	31.1	-2.9	-45.3
1545	NSSD43	4	276	187	0927	19 JUN 1981	170	14:55:24	71.3	65823.9	-11.4	26.6	-2.9	-44.9
1548	NSSD43	5	234	176	0927	20 JUN 1981	171	09:10:14	75.1	57977.2	-26.2	31.1	-2.9	-43.7
1552	NSSD43	6	242	186	0928	21 JUN 1981	172	09:13:14	73.5	58157.8	-26.1	31.0	-3.0	-42.1
1553	NSSD43	7	272	189	0929	21 JUN 1981	172	15:03:01	68.0	65728.0	-11.1	26.5	-3.0	-41.7
1554	NSSD43	8	217	192	0929	21 JUN 1981	172	20:41:21	63.9	50065.9	5.5	22.1	-3.0	-41.3
1560	NSSD43	9	278	198	0931	23 JUN 1981	174	14:34:35	65.2	65982.7	-12.2	26.9	-3.1	-38.5
1565	NSSD43	10	250	205	0932	25 JUN 1981	176	09:06:41	67.8	57803.1	-26.4	31.2	-3.2	-35.6
1566	NSSD43	11	275	202	0933	25 JUN 1981	176	14:41:38	61.9	65928.3	-11.9	26.8	-3.2	-35.2
1572	NSSD43	12	242	205	0934	27 JUN 1981	178	09:01:38	65.1	57507.7	-26.6	31.3	-3.2	-32.3
1578	NSSD43	13	212	201	0936	28 JUN 1981	179	20:32:34	52.7	50675.3	5.0	22.1	-3.3	-29.9
1586	NSSD43	14	221	209	0938	30 JUN 1981	181	20:10:45	49.7	52465.8	3.6	22.5	-3.3	-26.7

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSAR LAT	SUBSAR LON
1589	NSSD44	1	278	219	0939	1 JUL 1981	182	14:22:32	52.7	66019.4	-12.7	27.0	-3.3	-25.5
1590	NSSD44	2	224	215	0939	1 JUL 1981	182	20:12:11	48.0	52269.7	3.8	22.5	-3.3	-25.1
1593	NSSD44	3	277	221	0940	2 JUL 1981	183	14:24:51	51.1	66006.3	-12.6	27.0	-3.3	-23.8
1594	NSSD44	4	223	216	0940	2 JUL 1981	183	20:13:33	46.4	52183.3	3.9	22.4	-3.3	-23.4
1595	NSSD44	5	232	217	0940	3 JUL 1981	184	08:46:27	57.0	56625.7	-27.4	31.6	-3.4	-22.6
1598	NSSD44	6	226	221	0941	3 JUL 1981	184	20:15:13	44.8	52012.8	4.0	22.4	-3.4	-21.8
1600	NSSD44	7	241	227	0941	4 JUL 1981	185	08:49:00	55.5	56820.7	-27.2	31.6	-3.4	-21.0
1601	NSSD44	8	276	225	0942	4 JUL 1981	185	14:30:47	47.8	65965.2	-12.3	26.9	-3.4	-20.6
1602	NSSD44	9	224	221	0942	4 JUL 1981	185	20:17:09	43.1	51840.9	4.1	22.3	-3.4	-20.2
1604	NSSD44	10	242	228	0942	5 JUL 1981	186	08:51:41	54.0	56948.5	-27.1	31.5	-3.4	-19.3
1605	NSSD44	11	278	229	0943	5 JUL 1981	186	14:33:47	46.2	65941.7	-12.2	26.8	-3.4	-19.0
1606	NSSD44	12	217	216	0943	5 JUL 1981	186	20:18:42	41.5	51750.0	4.2	22.3	-3.4	-18.6
1608	NSSD44	13	232	223	0943	6 JUL 1981	187	08:53:55	52.6	57075.6	-27.0	31.5	-3.4	-17.7
1609	NSSD44	14	278	231	0944	6 JUL 1981	187	14:36:48	44.5	65918.6	-12.0	26.8	-3.4	-17.3
1610	NSSD45	1	216	221	0944	6 JUL 1981	187	20:20:37	39.9	51575.2	4.4	22.2	-3.4	-16.9
1612	NSSD45	2	234	227	0944	7 JUL 1981	188	08:56:50	51.1	57243.4	-26.9	31.5	-3.4	-16.1
1613	NSSD45	3	280	234	0945	7 JUL 1981	188	14:39:49	42.9	65891.2	-11.9	26.8	-3.4	-15.7
1614	NSSD45	4	223	226	0945	7 JUL 1981	188	20:22:02	38.3	51428.5	4.5	22.2	-3.4	-15.3
1616	NSSD45	5	240	234	0945	8 JUL 1981	189	08:58:38	49.7	57388.1	-26.7	31.4	-3.4	-14.5
1617	NSSD45	6	275	232	0946	8 JUL 1981	189	14:41:55	41.3	65870.6	-11.8	26.7	-3.4	-14.1
1618	NSSD45	7	216	223	0946	8 JUL 1981	189	20:23:12	36.7	51309.9	4.6	22.2	-3.4	-13.7
1620	NSSD45	8	244	238	0946	9 JUL 1981	190	09:00:31	48.2	55710.5	-26.6	31.4	-3.4	-12.8
1621	NSSD45	9	271	230	0947	9 JUL 1981	190	14:43:59	39.7	65849.2	-11.7	26.7	-3.4	-12.5
1622	NSSD45	10	220	228	0947	9 JUL 1981	190	20:24:14	35.1	51219.6	4.6	22.1	-3.4	-12.1
1624	NSSD45	11	243	239	0947	10 JUL 1981	191	09:02:24	46.8	57611.0	-26.5	31.4	-3.4	-11.2
1625	NSSD45	12	278	237	0948	10 JUL 1981	191	14:46:17	38.0	65817.4	-11.6	26.7	-3.4	-10.8
1626	NSSD45	13	220	230	0948	10 JUL 1981	191	20:25:36	33.5	51128.9	4.7	22.1	-3.4	-10.4
1628	NSSD45	14	244	243	0948	11 JUL 1981	192	09:04:39	45.4	57731.3	-26.4	31.3	-3.4	-9.6
1629	NSSD46	1	277	239	0949	11 JUL 1981	192	14:48:25	36.4	65797.0	-11.5	26.7	-3.4	-9.2
1630	NSSD46	2	218	230	0949	11 JUL 1981	192	20:26:29	31.9	51037.8	4.8	22.1	-3.4	-8.8
1632	NSSD46	3	239	241	0949	12 JUL 1981	193	09:05:47	44.1	57789.1	-26.3	31.3	-3.4	-8.0
1638	NSSD46	4	218	232	0951	13 JUL 1981	194	20:27:37	28.8	50942.5	4.9	22.0	-3.4	-5.6
1640	NSSD46	5	240	245	0951	14 JUL 1981	195	09:08:17	41.4	57944.4	-26.2	31.3	-3.4	-4.7
1641	NSSD46	6	276	242	0952	14 JUL 1981	195	14:52:18	31.7	65743.1	-11.3	26.6	-3.3	-4.3
1642	NSSD46	7	218	235	0952	14 JUL 1981	195	20:28:26	27.2	50880.0	5.0	22.0	-3.3	-4.0
1645	NSSD46	8	274	243	0953	15 JUL 1981	196	14:54:10	30.1	65720.3	-11.2	26.6	-3.3	-2.7
1646	NSSD46	9	207	232	0953	15 JUL 1981	196	20:52:41	25.8	48767.5	6.6	21.5	-3.3	-2.3
1647	NSSD46	10	187	249	0953	16 JUL 1981	197	06:23:26	47.5	44917.4	-36.4	35.3	-3.3	-1.7
1648	NSSD46	11	261	248	0953	16 JUL 1981	197	10:45:20	35.3	62511.4	-21.6	29.7	-3.3	-1.4
1649	NSSD46	12	271	243	0954	16 JUL 1981	197	16:06:54	27.0	64466.3	-8.2	25.7	-3.3	-1.0
1650	NSSD46	13	210	236	0954	16 JUL 1981	197	20:53:26	24.3	48667.1	6.7	21.5	-3.3	-0.7
1651	NSSD46	14	177	250	0954	17 JUL 1981	198	06:13:17	47.2	43844.9	-37.3	35.7	-3.3	-0.1
1653	NSSD47	1	269	242	0955	17 JUL 1981	198	16:08:02	25.4	64410.5	-8.1	25.7	-3.3	0.6
1659	NSSD47	2	271	246	0957	19 JUL 1981	200	16:10:21	22.2	64358.4	-8.0	25.6	-3.2	3.8
1660	NSSD47	3	211	238	0957	19 JUL 1981	200	20:54:57	19.9	48623.3	6.8	21.4	-3.2	4.2
1661	NSSD47	4	183	260	0957	20 JUL 1981	201	06:15:55	44.2	44020.2	-37.1	35.7	-3.2	4.8
1662	NSSD47	5	255	250	0957	20 JUL 1981	201	10:50:31	30.0	62661.1	-21.3	29.7	-3.2	5.1
1663	NSSD47	6	267	243	0958	20 JUL 1981	201	16:11:02	20.6	64336.6	-8.0	25.6	-3.2	5.5
1664	NSSD47	7	210	238	0958	20 JUL 1981	201	20:55:09	18.6	48523.5	6.9	21.4	-3.2	5.8
1666	NSSD47	8	254	248	0958	21 JUL 1981	202	10:51:24	28.7	62694.7	-21.3	29.7	-3.2	6.7
1668	NSSD47	9	210	239	0959	21 JUL 1981	202	20:55:33	17.2	48519.5	6.9	21.4	-3.2	7.4
1670	NSSD47	10	247	243	0959	22 JUL 1981	203	11:40:19	25.7	64209.3	-19.1	29.0	-3.1	8.4
1672	NSSD47	11	198	242	0960	22 JUL 1981	203	21:31:20	17.2	45011.8	9.7	20.6	-3.1	9.1
1673	NSSD47	12	158	238	0960	23 JUL 1981	204	06:34:17	40.1	45958.7	-35.6	35.0	-3.1	9.7
1674	NSSD47	13	250	253	0960	23 JUL 1981	204	10:24:08	27.5	61643.6	-22.5	30.1	-3.1	9.9

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSAR LAT	SUBSAR LON
1675	NSSD48	1	268	252	0961	23 JUL 1981	204	15:50:17	16.5	64803.6	-8.8	25.9	-3.1	10.3
1676	NSSD48	2	207	238	0961	23 JUL 1981	204	20:47:18	14.4	49207.8	6.4	21.5	-3.1	10.6
1677	NSSD48	3	241	255	0961	24 JUL 1981	205	09:33:04	28.7	59258.3	-24.9	30.9	-3.1	11.5
1678	NSSD48	4	275	256	0962	24 JUL 1981	205	15:15:28	16.0	65424.1	-10.3	26.3	-3.1	11.9
1679	NSSD48	5	212	245	0962	24 JUL 1981	205	20:47:35	13.2	49204.2	6.4	21.5	-3.0	12.2
1680	NSSD48	6	245	260	0962	25 JUL 1981	206	09:34:03	27.7	59291.1	-24.8	30.9	-3.0	13.1
1682	NSSD48	7	212	245	0963	25 JUL 1981	206	20:47:40	12.1	49231.7	6.4	21.5	-3.0	13.9
1683	NSSD48	8	243	260	0963	26 JUL 1981	207	09:34:48	26.8	59287.2	-24.8	30.9	-3.0	14.7
1684	NSSD48	9	274	256	0964	26 JUL 1981	207	15:16:34	13.2	65406.0	-10.2	26.3	-3.0	15.1
1685	NSSD48	10	212	245	0964	26 JUL 1981	207	20:47:42	11.2	49228.0	6.4	21.5	-3.0	15.5
1686	NSSD48	11	244	260	0964	27 JUL 1981	208	09:35:22	25.9	59338.2	-24.7	30.9	-2.9	16.3
1687	NSSD48	12	265	249	0965	27 JUL 1981	208	15:16:41	11.9	65402.2	-10.2	26.3	-2.9	16.7
1688	NSSD48	13	212	245	0965	27 JUL 1981	208	20:47:28	10.4	49224.5	6.5	21.5	-2.9	17.1
1689	NSSD48	14	238	258	0965	28 JUL 1981	209	09:35:33	25.2	59316.4	-24.7	30.9	-2.9	17.9
1691	NSSD49	1	211	244	0966	28 JUL 1981	209	20:47:10	9.7	49252.2	6.5	21.5	-2.9	18.7
1692	NSSD49	2	242	261	0966	29 JUL 1981	210	09:35:42	24.5	59312.8	-24.7	30.9	-2.8	19.5
1693	NSSD49	3	273	256	0967	29 JUL 1981	210	15:16:14	9.7	65400.0	-10.2	26.3	-2.8	19.9
1694	NSSD49	4	209	241	0967	29 JUL 1981	210	20:46:44	9.3	49342.0	6.4	21.5	-2.8	20.3
1695	NSSD49	5	233	250	0967	30 JUL 1981	211	09:35:47	23.8	59309.3	-24.7	30.9	-2.8	21.2
1696	NSSD49	6	272	254	0968	30 JUL 1981	211	15:15:56	8.8	65411.6	-10.2	26.3	-2.8	21.5
1697	NSSD49	7	203	237	0968	30 JUL 1981	211	20:46:22	9.2	49338.8	6.4	21.5	-2.8	21.9
1698	NSSD49	8	244	263	0968	31 JUL 1981	212	09:36:13	23.3	59360.6	-24.7	30.8	-2.7	22.8
1699	NSSD49	9	272	255	0969	31 JUL 1981	212	15:16:11	8.0	65393.0	-10.1	26.2	-2.7	23.2
1700	NSSD49	10	204	239	0969	31 JUL 1981	212	20:46:24	9.4	49335.6	6.4	21.5	-2.7	23.5
1702	NSSD49	11	209	240	0970	1 AUG 1981	213	20:46:05	9.8	49363.6	6.4	21.5	-2.6	25.1
1703	NSSD49	12	183	275	0970	2 AUG 1981	214	06:19:53	35.3	44309.5	-36.8	35.6	-2.6	25.8
1704	NSSD49	13	210	243	0971	2 AUG 1981	214	20:45:35	10.4	49453.4	6.4	21.5	-2.6	26.7
1705	NSSD49	14	204	238	0972	3 AUG 1981	215	20:45:08	11.2	49450.6	6.4	21.5	-2.5	28.3
1706	NSSD50	1	207	236	0973	4 AUG 1981	216	20:44:23	12.2	49571.2	6.3	21.5	-2.5	30.0
1707	NSSD50	2	212	242	0974	5 AUG 1981	217	20:43:40	13.2	49660.7	6.3	21.5	-2.4	31.6
1708	NSSD50	3	206	237	0975	6 AUG 1981	218	20:43:09	14.5	49658.3	6.3	21.5	-2.3	33.2
1709	NSSD50	4	207	238	0976	7 AUG 1981	219	20:42:26	15.7	49747.7	6.3	21.6	-2.2	34.8
1710	NSSD50	5	208	237	0977	8 AUG 1981	220	20:42:09	17.0	49775.8	6.2	21.6	-2.2	36.4
1711	NSSD50	6	210	237	0978	9 AUG 1981	221	20:41:37	18.3	49865.1	6.2	21.6	-2.1	38.0
1712	NSSD50	7	210	237	0979	10 AUG 1981	222	20:40:20	19.7	49924.1	6.2	21.6	-2.0	39.6
1713	NSSD50	8	212	237	0980	11 AUG 1981	223	20:39:09	21.1	50043.4	6.1	21.6	-1.9	41.2
1715	NSSD50	9	212	236	0982	13 AUG 1981	225	20:37:31	24.0	50220.6	6.0	21.7	-1.8	44.4
1716	NSSD50	10	213	234	0983	14 AUG 1981	226	20:36:36	25.4	50309.1	5.9	21.7	-1.7	46.0
1717	NSSD50	11	210	229	0984	15 AUG 1981	227	20:35:26	26.9	50397.2	5.9	21.7	-1.6	47.6
1718	NSSD50	12	212	231	0985	16 AUG 1981	228	20:34:08	28.4	50455.6	5.9	21.7	-1.5	49.2
1720	NSSD50	13	212	225	0988	19 AUG 1981	231	20:30:11	32.8	50836.0	5.6	21.8	-1.3	53.9
1721	NSSD50	14	215	227	0989	20 AUG 1981	232	20:28:52	34.3	51013.0	5.5	21.9	-1.2	55.5
1722	NSSD51	1	210	220	0990	21 AUG 1981	233	20:27:24	35.8	51071.5	5.5	21.9	-1.1	57.1
1723	NSSD51	2	214	223	0991	22 AUG 1981	234	20:25:59	37.3	51244.2	5.3	21.9	-1.0	58.7
1724	NSSD51	3	206	210	0992	23 AUG 1981	235	20:24:21	38.8	51330.1	5.3	22.0	-0.9	60.3
1725	NSSD51	4	213	216	0993	24 AUG 1981	236	20:22:56	40.3	51501.1	5.2	22.0	-0.8	61.9
1727	NSSD51	5	197	208	0995	26 AUG 1981	238	21:02:49	44.6	48034.4	7.9	21.3	-0.6	65.1
1728	NSSD51	6	200	208	0996	27 AUG 1981	239	21:08:33	46.3	47476.9	8.4	21.2	-0.6	66.7
1729	NSSD51	7	201	209	0997	28 AUG 1981	240	21:06:48	47.8	47642.4	8.3	21.2	-0.5	68.3
1730	NSSD51	8	202	207	0998	29 AUG 1981	241	21:04:57	49.2	47807.2	8.1	21.3	-0.4	69.9
1731	NSSD51	9	203	206	0999	30 AUG 1981	242	21:03:13	50.7	47905.8	8.1	21.3	-0.3	71.5
1732	NSSD51	10	205	204	1000	31 AUG 1981	243	21:01:34	52.2	48101.5	7.9	21.3	-0.2	73.1
1733	NSSD51	11	205	202	1001	1 SEP 1981	244	20:59:39	53.7	48263.8	7.8	21.4	-0.1	74.7
1734	NSSD51	12	204	199	1002	2 SEP 1981	245	20:57:53	55.2	48428.7	7.7	21.4	0.0	76.2
1735	NSSD51	13	206	197	1003	3 SEP 1981	246	20:55:55	56.7	48622.0	7.5	21.5	0.1	77.8

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUB LAT	SUB LON
1736	NSSD51	14	196	185	1004	4 SEP 1981	247	20:53:50	58.2	48781.5	7.4	21.5	0.2	79.4
1737	NSSD52	1	201	185	1005	5 SEP 1981	248	20:51:47	59.7	48940.0	7.3	21.6	0.3	81.0
1738	NSSD52	2	210	192	1006	6 SEP 1981	249	20:50:01	61.2	49035.1	7.2	21.6	0.4	82.6
1739	NSSD52	3	208	186	1007	7 SEP 1981	250	20:48:07	62.7	49223.4	7.1	21.7	0.5	84.2
1740	NSSD52	4	212	188	1008	8 SEP 1981	251	20:46:19	64.2	49348.5	7.0	21.7	0.6	85.8
1741	NSSD52	5	212	184	1009	9 SEP 1981	252	20:43:59	65.7	49626.7	6.8	21.8	0.7	87.3
1742	NSSD52	6	209	179	1010	10 SEP 1981	253	20:41:24	67.2	49780.5	6.6	21.8	0.8	88.9
1743	NSSD52	7	213	179	1011	11 SEP 1981	254	20:38:50	68.7	50024.0	6.4	21.9	0.8	90.5
1744	NSSD52	8	214	178	1012	12 SEP 1981	255	20:36:15	70.2	50178.6	6.3	21.9	0.9	92.1
1745	NSSD52	9	216	174	1013	13 SEP 1981	256	20:33:57	71.7	50389.4	6.2	22.0	1.0	93.7
1746	NSSD52	10	211	169	1014	14 SEP 1981	257	20:31:40	73.2	50568.2	6.0	22.0	1.1	95.2
1747	NSSD52	11	213	167	1015	15 SEP 1981	258	20:29:21	74.7	50716.4	5.9	22.1	1.2	96.8
1748	NSSD52	12	216	165	1016	16 SEP 1981	259	20:27:09	76.2	50863.6	5.8	22.1	1.3	98.4
1749	NSSD52	13	214	161	1017	17 SEP 1981	260	20:24:55	77.7	51096.9	5.6	22.2	1.4	100.0
1751	NSSD52	14	234	161	1019	19 SEP 1981	262	19:30:42	80.0	55086.7	2.3	23.0	1.5	103.1
1753	NSSD53	1	231	153	1021	21 SEP 1981	264	19:25:27	83.1	55421.1	2.1	23.1	1.7	106.2
1754	NSSD53	2	234	151	1022	22 SEP 1981	265	19:22:08	84.6	55586.0	1.9	23.2	1.8	107.8
1755	NSSD53	3	235	149	1023	23 SEP 1981	266	19:19:33	86.1	55795.6	1.7	23.2	1.9	109.4
1756	NSSD53	4	234	145	1024	24 SEP 1981	267	19:17:14	87.7	55888.2	1.6	23.2	1.9	111.0
1757	NSSD53	5	214	139	1025	25 SEP 1981	268	20:27:46	90.3	50664.1	5.9	22.1	2.0	112.6
1758	NSSD53	6	208	133	1026	26 SEP 1981	269	20:39:19	92.1	49612.6	6.7	21.9	2.1	114.2
1759	NSSD53	7	207	131	1027	27 SEP 1981	270	20:37:25	93.6	49796.1	6.6	21.9	2.2	115.8
1760	NSSD53	8	211	129	1028	28 SEP 1981	271	20:35:34	95.1	49947.9	6.4	22.0	2.2	117.4
1761	NSSD53	9	212	127	1029	29 SEP 1981	272	20:33:42	96.6	50068.6	6.3	22.0	2.3	119.0
1762	NSSD53	10	212	124	1030	30 SEP 1981	273	20:31:57	98.2	50248.6	6.2	22.0	2.4	120.5
1763	NSSD53	11	210	165	1030	1 OCT 1981	274	06:54:34	89.3	48232.6	-33.6	33.7	2.4	121.2
1764	NSSD53	12	264	140	1030	1 OCT 1981	274	13:12:53	94.5	65776.1	-14.7	27.6	2.4	121.6
1765	NSSD53	13	209	119	1031	1 OCT 1981	274	20:30:11	99.7	50308.0	6.1	22.1	2.4	122.1
1766	NSSD53	14	208	161	1031	2 OCT 1981	275	06:52:56	90.6	48070.2	-33.8	33.7	2.5	122.8
1768	NSSD54	1	213	118	1032	2 OCT 1981	275	20:28:41	101.3	50456.3	6.0	22.1	2.5	123.7
1769	NSSD54	2	202	153	1032	3 OCT 1981	276	06:51:38	91.9	48037.3	-33.8	33.8	2.5	124.4
1770	NSSD54	3	273	138	1032	3 OCT 1981	276	13:08:14	97.5	65749.5	-14.9	27.7	2.5	124.8
1771	NSSD54	4	212	114	1033	3 OCT 1981	276	20:27:12	102.8	50485.5	6.0	22.1	2.6	125.3
1772	NSSD54	5	209	156	1033	4 OCT 1981	277	06:50:13	93.2	47939.0	-33.9	33.8	2.6	126.0
1773	NSSD54	6	271	135	1033	4 OCT 1981	277	13:05:56	99.1	65721.4	-15.0	27.7	2.6	126.4
1774	NSSD54	7	215	112	1034	4 OCT 1981	277	20:25:40	104.3	50662.1	5.8	22.1	2.6	126.9
1775	NSSD54	8	208	152	1034	5 OCT 1981	278	06:48:48	94.5	47774.6	-34.0	33.9	2.7	127.5
1776	NSSD54	9	266	129	1034	5 OCT 1981	278	13:03:27	100.6	65707.7	-15.1	27.7	2.7	127.9
1777	NSSD54	10	215	110	1035	5 OCT 1981	278	20:23:51	105.9	50807.9	5.7	22.2	2.7	128.4
1778	NSSD54	11	209	150	1035	6 OCT 1981	279	06:47:12	95.8	47708.0	-34.1	33.9	2.7	129.1
1779	NSSD54	12	270	128	1035	6 OCT 1981	279	13:00:47	102.1	65679.9	-15.2	27.8	2.7	129.5
1780	NSSD54	13	215	107	1036	6 OCT 1981	279	20:22:14	107.4	50865.3	5.6	22.2	2.7	130.0
1781	NSSD54	14	205	144	1036	7 OCT 1981	280	06:45:29	97.1	47542.0	-34.2	34.0	2.8	130.7
1782	NSSD55	1	262	122	1036	7 OCT 1981	280	12:57:35	103.6	65650.6	-15.3	27.8	2.8	131.1
1783	NSSD55	2	216	104	1037	7 OCT 1981	280	20:19:41	109.0	51096.7	5.5	22.2	2.8	131.6
1784	NSSD55	3	191	134	1037	8 OCT 1981	281	06:42:56	98.4	47275.0	-34.4	34.0	2.8	132.3
1786	NSSD55	4	215	101	1038	8 OCT 1981	281	20:17:23	110.5	51239.6	5.3	22.2	2.8	133.2
1787	NSSD55	5	197	134	1038	9 OCT 1981	282	06:41:10	99.7	47206.9	-34.5	34.1	2.9	133.9
1788	NSSD55	6	254	112	1038	9 OCT 1981	282	12:50:47	106.6	65579.1	-15.6	27.9	2.9	134.3
1789	NSSD55	7	218	99	1039	9 OCT 1981	282	20:15:41	112.1	51353.0	5.3	22.3	2.9	134.7
1790	NSSD55	8	197	132	1039	10 OCT 1981	283	06:40:06	101.0	47105.0	-34.5	34.1	2.9	135.4
1791	NSSD55	9	252	109	1039	10 OCT 1981	283	12:50:00	108.1	65577.7	-15.6	27.9	2.9	135.8
1792	NSSD55	10	216	96	1040	10 OCT 1981	283	20:15:57	113.6	51351.5	5.3	22.3	2.9	136.3
1793	NSSD55	11	206	135	1040	11 OCT 1981	284	06:40:44	102.3	47137.1	-34.5	34.1	3.0	137.0
1794	NSSD55	12	273	115	1040	11 OCT 1981	284	12:50:23	109.6	65580.0	-15.6	27.9	3.0	137.4

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENT DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	LONG	SUB LAT	AR LON
1795	NSSD55	13	217	94	1041	11 OCT 1981	284	20:15:18	115.2	51321.3	5.3	22.3	3.0	137.9
1798	NSSD55	14	216	91	1042	12 OCT 1981	285	20:14:00	116.8	51376.7	5.2	22.3	3.0	139.5
1799	NSSD56	1	205	129	1042	13 OCT 1981	286	06:38:21	104.9	46999.1	-34.6	34.2	3.1	140.2
1800	NSSD56	2	268	109	1042	13 OCT 1981	286	12:46:22	112.6	65530.7	-15.7	27.9	3.1	140.6
1801	NSSD56	3	216	88	1043	13 OCT 1981	286	20:12:28	118.3	51545.7	5.1	22.3	3.1	141.1
1802	NSSD56	4	217	121	1043	14 OCT 1981	287	07:19:43	107.5	50683.8	-31.8	33.1	3.1	141.8
1803	NSSD56	5	200	121	1044	15 OCT 1981	288	06:36:19	107.4	46827.5	-34.8	34.3	3.1	143.3
1804	NSSD56	6	270	104	1044	15 OCT 1981	288	12:43:12	115.6	65496.3	-15.8	28.0	3.1	143.7
1805	NSSD56	7	219	84	1045	15 OCT 1981	288	20:10:28	121.4	51679.3	5.0	22.3	3.1	144.2
1806	NSSD56	8	200	119	1045	16 OCT 1981	289	06:35:26	108.7	46757.5	-34.8	34.3	3.2	144.9
1808	NSSD56	9	214	79	1046	16 OCT 1981	289	20:09:25	123.0	51733.3	4.9	22.3	3.2	145.8
1809	NSSD56	10	201	117	1046	17 OCT 1981	290	06:34:30	109.9	46653.1	-34.9	34.4	3.2	146.5
1810	NSSD56	11	269	99	1046	17 OCT 1981	290	12:40:09	118.6	65455.3	-16.0	28.0	3.2	146.9
1811	NSSD56	12	218	78	1047	17 OCT 1981	290	20:08:18	124.5	51787.2	4.9	22.3	3.2	147.4
1812	NSSD56	13	199	113	1047	18 OCT 1981	291	06:33:32	111.2	46582.5	-35.0	34.4	3.2	148.1
1813	NSSD56	14	266	95	1047	18 OCT 1981	291	12:38:32	120.1	65434.1	-16.0	28.0	3.2	148.5
1814	NSSD57	1	217	76	1048	18 OCT 1981	291	20:07:10	126.1	51840.7	4.8	22.3	3.2	149.0
1815	NSSD57	2	196	110	1048	19 OCT 1981	292	06:32:37	112.4	46511.6	-35.0	34.4	3.3	149.7
1817	NSSD57	3	218	74	1049	19 OCT 1981	292	20:06:16	127.7	51922.0	4.8	22.3	3.3	150.6
1818	NSSD57	4	195	108	1049	20 OCT 1981	293	06:31:57	113.6	46440.4	-35.1	34.5	3.3	151.3
1820	NSSD57	5	217	71	1050	20 OCT 1981	293	20:05:20	129.2	51974.9	4.7	22.3	3.3	152.2
1821	NSSD57	6	195	105	1050	21 OCT 1981	294	06:31:12	114.9	46437.7	-35.1	34.5	3.3	152.8
1822	NSSD57	7	269	89	1050	21 OCT 1981	294	12:34:41	124.6	65372.3	-16.2	28.1	3.3	153.2
1823	NSSD57	8	219	70	1051	21 OCT 1981	294	20:04:33	130.8	52055.4	4.7	22.3	3.3	153.7
1824	NSSD57	9	192	101	1051	22 OCT 1981	295	06:30:38	116.1	46331.8	-35.1	34.5	3.3	154.4
1825	NSSD57	10	266	86	1051	22 OCT 1981	295	12:33:40	126.1	65354.3	-16.2	28.1	3.3	154.8
1826	NSSD57	11	215	66	1052	22 OCT 1981	295	20:03:45	132.3	52135.5	4.6	22.3	3.3	155.3
1827	NSSD57	12	196	101	1052	23 OCT 1981	296	06:29:58	117.3	46259.9	-35.2	34.6	3.3	156.0
1829	NSSD57	13	217	65	1053	23 OCT 1981	296	20:02:52	133.9	52160.1	4.6	22.3	3.3	156.9
1830	NSSD57	14	195	99	1053	24 OCT 1981	297	06:29:16	118.6	46257.1	-35.2	34.6	3.4	157.6
1831	NSSD58	1	262	81	1053	24 OCT 1981	297	12:31:12	129.1	65327.5	-16.3	28.1	3.4	158.0
1832	NSSD58	2	212	62	1054	24 OCT 1981	297	20:01:52	135.5	52236.7	4.5	22.3	3.4	158.5
1833	NSSD58	3	193	96	1054	25 OCT 1981	298	06:28:31	119.7	46151.1	-35.3	34.6	3.4	159.2
1834	NSSD58	4	264	80	1054	25 OCT 1981	298	12:29:59	130.6	65293.1	-16.3	28.1	3.4	159.6
1835	NSSD58	5	216	62	1055	25 OCT 1981	298	20:01:06	137.0	52232.6	4.6	22.3	3.4	160.1
1836	NSSD58	6	191	94	1055	26 OCT 1981	299	06:28:00	120.9	46147.9	-35.3	34.7	3.4	160.8
1837	NSSD58	7	215	59	1056	26 OCT 1981	299	20:00:18	138.6	52311.6	4.5	22.3	3.4	161.7
1838	NSSD58	8	185	88	1056	27 OCT 1981	300	06:27:23	122.1	46075.3	-35.3	34.7	3.4	162.3
1839	NSSD58	9	260	75	1056	27 OCT 1981	300	12:27:59	133.5	65259.4	-16.4	28.2	3.4	162.7
1840	NSSD58	10	212	57	1057	27 OCT 1981	300	19:59:39	140.2	52362.9	4.5	22.3	3.4	163.2
1841	NSSD58	11	182	86	1057	28 OCT 1981	301	06:26:59	123.3	45967.6	-35.4	34.7	3.4	163.9
1842	NSSD58	12	254	71	1057	28 OCT 1981	301	12:27:10	135.0	65255.7	-16.4	28.2	3.4	164.3
1843	NSSD58	13	211	55	1058	28 OCT 1981	301	19:58:59	141.7	52441.2	4.4	22.4	3.4	164.8
1844	NSSD58	14	186	86	1058	29 OCT 1981	302	06:26:30	124.4	45964.2	-35.4	34.8	3.4	165.5
1845	NSSD59	1	258	71	1058	29 OCT 1981	302	12:26:15	136.5	65235.7	-16.4	28.2	3.4	165.9
1846	NSSD59	2	211	53	1059	29 OCT 1981	302	19:58:18	143.3	52437.6	4.4	22.3	3.4	166.4
1847	NSSD59	3	183	84	1059	30 OCT 1981	303	06:26:05	125.6	45960.8	-35.4	34.8	3.4	167.1
1848	NSSD59	4	250	67	1059	30 OCT 1981	303	12:25:38	138.0	65220.9	-16.5	28.2	3.4	167.5
1849	NSSD59	5	211	52	1060	30 OCT 1981	303	19:57:58	144.8	52515.5	4.4	22.3	3.4	168.0
1850	NSSD59	6	181	81	1060	31 OCT 1981	304	06:25:57	126.7	45887.5	-35.4	34.8	3.4	168.7
1851	NSSD59	7	244	64	1060	31 OCT 1981	304	12:25:15	139.4	65217.1	-16.5	28.2	3.4	169.1
1853	NSSD59	8	247	63	1061	1 NOV 1981	305	12:24:33	140.9	65196.6	-16.5	28.2	3.4	170.7
1854	NSSD59	9	208	49	1062	1 NOV 1981	305	19:56:57	147.9	52589.4	4.3	22.3	3.4	171.2
1855	NSSD59	10	177	77	1062	2 NOV 1981	306	06:25:17	129.0	45880.3	-35.4	34.9	3.4	171.9
1857	NSSD59	11	183	43	1063	2 NOV 1981	306	19:56:21	149.5	52585.6	4.3	22.3	3.4	172.8

POLARITY MAP	TRY	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CEN DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUB LAT	AR LON
1858		NSSD59	12	176	76	1063	3 NOV 1981	307	06:24:55	130.0	45771.9	-35.5	34.9	3.4 173.5
1859		NSSD59	13	243	60	1063	3 NOV 1981	307	12:23:02	143.8	65171.8	-16.5	28.2	3.4 173.9
1862		NSSD59	14	239	58	1064	4 NOV 1981	308	12:22:17	145.2	65150.9	-16.6	28.2	3.3 175.4
1864		NSSD60	1	172	68	1065	5 NOV 1981	309	06:43:32	133.4	47599.7	-34.1	34.3	3.3 176.7
1866		NSSD60	2	166	70	1066	6 NOV 1981	310	06:24:07	133.2	45761.6	-35.5	34.9	3.3 178.2
1867		NSSD60	3	227	54	1066	6 NOV 1981	310	12:21:09	148.0	65125.6	-16.6	28.3	3.3 178.6
1869		NSSD60	4	155	65	1067	7 NOV 1981	311	06:23:47	134.2	45652.7	-35.6	35.0	3.3 179.8
1870		NSSD60	5	212	49	1067	7 NOV 1981	311	12:20:20	149.4	65104.2	-16.6	28.3	3.3 -179.8
1873		NSSD60	6	200	46	1068	8 NOV 1981	312	12:19:34	150.8	65088.3	-16.6	28.3	3.3 -178.2
1875		NSSD60	7	153	63	1069	9 NOV 1981	313	06:23:13	136.2	45645.2	-35.6	35.0	3.2 -177.0
1876		NSSD60	8	212	48	1069	9 NOV 1981	313	12:09:02	151.8	64903.5	-17.1	28.4	3.2 -176.6
1878		NSSD60	9	148	61	1070	10 NOV 1981	314	06:23:01	137.2	45641.5	-35.6	35.0	3.2 -175.4
1879		NSSD60	10	173	40	1070	10 NOV 1981	314	12:18:29	153.5	65062.4	-16.7	28.3	3.2 -175.0
1881		NSSD60	11	144	60	1071	11 NOV 1981	315	06:22:50	138.0	45532.1	-35.6	35.1	3.2 -173.8
1882		NSSD60	12	170	38	1071	11 NOV 1981	315	12:17:53	154.7	65040.3	-16.7	28.3	3.2 -173.4
1884		NSSD60	13	139	58	1072	12 NOV 1981	316	06:22:35	138.9	45528.5	-35.6	35.1	3.2 -172.2
1885		NSSD60	14	162	36	1072	12 NOV 1981	316	12:17:12	156.0	65036.4	-16.7	28.3	3.1 -171.8
1887		NSSD61	1	131	55	1073	13 NOV 1981	317	06:22:23	139.7	45525.0	-35.6	35.1	3.1 -170.6
1888		NSSD61	2	142	33	1073	13 NOV 1981	317	12:16:37	157.3	65014.3	-16.7	28.3	3.1 -170.2
1890		NSSD61	3	137	57	1074	14 NOV 1981	318	06:22:11	140.5	45486.1	-35.6	35.1	3.1 -169.0
1891		NSSD61	4	149	33	1074	14 NOV 1981	318	12:16:00	158.5	65004.4	-16.7	28.3	3.1 -168.6
1893		NSSD61	5	132	38	1075	15 NOV 1981	319	09:40:00	153.1	59889.9	-23.7	30.6	3.0 -167.2
1894		NSSD61	6	63	31	1090	30 NOV 1981	334	10:02:32	158.7	60810.9	-22.5	30.2	2.2 -143.3
1896		NSSD61	7	78	58	1092	2 DEC 1981	336	07:42:46	151.2	52371.5	-30.0	32.8	2.0 -140.2
1898		NSSD61	8	121	37	1095	5 DEC 1981	339	10:00:45	154.8	60693.2	-22.5	30.1	1.8 -135.2
1899		NSSD61	9	127	37	1096	6 DEC 1981	340	10:00:35	153.9	60676.3	-22.6	30.1	1.7 -133.6
1901		NSSD61	10	118	50	1098	8 DEC 1981	342	07:41:27	147.4	52255.1	-30.0	32.8	1.5 -130.6
1902		NSSD61	11	160	44	1099	9 DEC 1981	343	10:00:00	150.6	60673.6	-22.5	30.1	1.4 -128.8
1903		NSSD61	12	131	51	1100	10 DEC 1981	344	07:41:17	145.7	52253.8	-30.0	32.7	1.4 -127.4
1904		NSSD61	13	129	47	1101	11 DEC 1981	345	07:41:18	144.7	52253.4	-30.0	32.7	1.3 -125.8
1906		NSSD61	14	195	52	1103	13 DEC 1981	347	10:03:05	145.8	60797.1	-22.3	30.0	1.1 -122.4
1907		NSSD61	15	200	54	1104	14 DEC 1981	348	10:06:37	144.5	60920.2	-22.2	30.0	1.0 -120.8
1908		NSSD61	16	164	57	1105	15 DEC 1981	349	07:43:01	140.6	52360.4	-29.9	32.6	0.9 -119.4
1909		NSSD61	17	209	58	1106	16 DEC 1981	350	10:03:16	141.8	60796.5	-22.3	30.0	0.8 -117.6
1910		NSSD61	18	174	61	1107	17 DEC 1981	351	07:44:08	138.4	52469.1	-29.8	32.6	0.7 -116.1
1911		NSSD61	19	181	63	1108	18 DEC 1981	352	07:44:58	137.2	52469.4	-29.8	32.5	0.6 -114.5
1912		NSSD61	20	185	66	1109	19 DEC 1981	353	07:45:41	136.0	52550.9	-29.7	32.5	0.5 -112.9
1913		NSSD61	21	187	67	1110	20 DEC 1981	354	07:46:12	134.8	52632.0	-29.6	32.5	0.4 -111.3
1914		NSSD61	22	196	71	1111	21 DEC 1981	355	07:47:11	133.6	52712.9	-29.6	32.4	0.3 -109.7
1915		NSSD61	23	196	72	1112	22 DEC 1981	356	07:48:08	132.3	52793.6	-29.5	32.4	0.3 -108.1
1916		NSSD61	24	194	73	1113	23 DEC 1981	357	07:49:08	131.1	52873.9	-29.4	32.4	0.2 -106.5
1917		NSSD61	25	202	77	1114	24 DEC 1981	358	07:50:18	129.8	52953.3	-29.4	32.3	0.1 -104.9
1918		NSSD61	26	204	78	1115	25 DEC 1981	359	07:51:27	128.5	53033.5	-29.3	32.3	0.0 -103.2
1919		NSSD61	27	203	81	1116	26 DEC 1981	360	07:52:51	127.1	53113.3	-29.2	32.2	-0.1 -101.6
1922		NSSD61	28	182	82	1119	29 DEC 1981	363	07:57:10	123.1	53506.6	-28.9	32.1	-0.4 -96.8
1925		NSSD61	29	207	96	1122	1 JAN 1982	001	07:27:55	118.9	51259.0	-30.7	32.7	-0.7 -92.0
1926		NSSD61	30	205	96	1123	2 JAN 1982	002	07:29:34	117.5	51430.2	-30.6	32.6	-0.8 -90.4
1927		NSSD61	31	210	102	1124	3 JAN 1982	003	07:31:33	116.1	51599.4	-30.5	32.6	-0.9 -88.7
1928		NSSD61	32	212	105	1125	4 JAN 1982	004	07:33:50	114.7	51768.1	-30.3	32.5	-1.0 -87.1
1935		NSSD61	33	224	127	1132	11 JAN 1982	011	07:52:04	104.7	53362.9	-29.1	32.1	-1.6 -75.8
1936		NSSD61	34	225	130	1133	12 JAN 1982	012	07:55:21	103.2	53596.1	-28.9	32.0	-1.7 -74.1
1937		NSSD61	35	226	133	1134	13 JAN 1982	013	07:58:49	101.8	53826.4	-28.7	31.9	-1.8 -72.5
1938		NSSD61	36	241	128	1135	14 JAN 1982	014	10:28:35	98.8	62037.8	-20.9	29.4	-1.9 -70.7
1940		NSSD61	37	259	135	1137	15 JAN 1982	015	13:51:32	95.3	65775.7	-12.2	27.0	-1.9 -68.9
1942		NSSD61	38	217	144	1137	16 JAN 1982	016	07:20:54	97.9	50953.9	-31.0	32.7	-2.0 -67.7

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CEN DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUB LAT	SUB AR LON
1943	NSSD61	39	269	143	1138	16 JAN 1982	016	13:57:45	93.6	65767.7	-11.9	26.9	-2.0	-67.3
1945	NSSD61	40	217	147	1138	17 JAN 1982	017	07:24:26	96.4	51298.2	-30.8	32.6	-2.1	-66.1
1946	NSSD61	41	270	147	1139	17 JAN 1982	017	14:03:10	92.0	65752.1	-11.7	26.8	-2.1	-65.6
1947	NSSD61	42	207	143	1139	17 JAN 1982	017	20:35:27	87.2	49090.7	7.9	21.7	-2.1	-65.2
1948	NSSD61	43	220	151	1139	18 JAN 1982	018	07:27:44	94.9	51581.4	-30.6	32.6	-2.2	-64.4
1949	NSSD61	44	270	151	1140	18 JAN 1982	018	14:08:48	90.3	65732.0	-11.4	26.8	-2.2	-64.0
1951	NSSD61	45	221	155	1140	19 JAN 1982	019	07:31:47	93.4	51888.9	-30.3	32.5	-2.2	-62.8
1952	NSSD61	46	270	154	1141	19 JAN 1982	019	14:14:44	88.7	65704.0	-11.2	26.7	-2.3	-62.4
1953	NSSD61	47	204	150	1141	19 JAN 1982	019	20:41:54	83.9	48525.3	8.4	21.6	-2.3	-61.9
1954	NSSD61	48	160	128	1141	20 JAN 1982	020	07:24:05	92.1	51355.3	-30.7	32.6	-2.3	-61.2
1960	NSSD61	49	215	156	1143	21 JAN 1982	021	20:08:19	81.2	51265.1	6.2	22.2	-2.4	-58.7
1961	NSSD61	50	205	160	1143	22 JAN 1982	022	06:40:55	90.1	47594.6	-33.7	33.7	-2.4	-58.0
1962	NSSD61	51	267	160	1143	22 JAN 1982	022	12:15:52	85.2	65022.6	-16.2	28.1	-2.5	-57.6
1963	NSSD61	52	213	159	1144	22 JAN 1982	022	20:12:10	79.6	50920.3	6.4	22.1	-2.5	-57.1
1964	NSSD61	53	206	163	1144	23 JAN 1982	023	06:44:34	88.6	47985.4	-33.4	33.6	-2.5	-56.4
1965	NSSD61	54	267	163	1144	23 JAN 1982	023	12:22:08	83.5	65135.9	-15.9	28.0	-2.5	-56.0
1967	NSSD61	55	268	167	1145	24 JAN 1982	024	12:27:29	81.9	65214.4	-15.6	27.9	-2.6	-54.4
1968	NSSD61	56	211	165	1146	24 JAN 1982	024	20:18:47	76.3	50392.9	6.8	22.0	-2.6	-53.8
1971	NSSD61	57	211	168	1147	25 JAN 1982	025	20:21:52	74.6	50094.9	7.1	21.9	-2.7	-52.2
1972	NSSD61	58	209	173	1147	26 JAN 1982	026	06:53:44	84.2	48843.9	-32.8	33.4	-2.7	-51.5
1973	NSSD61	59	262	169	1147	26 JAN 1982	026	12:38:01	78.6	65368.4	-15.2	27.8	-2.7	-51.1
1974	NSSD61	60	203	169	1149	27 JAN 1982	027	20:28:11	71.3	49487.9	7.6	21.8	-2.8	-48.9
1976	NSSD61	61	266	178	1149	28 JAN 1982	028	12:48:35	75.3	65485.6	-14.7	27.7	-2.8	-47.8
1977	NSSD61	62	208	176	1150	28 JAN 1982	028	20:30:51	69.7	49271.5	7.7	21.7	-2.8	-47.3
1978	NSSD61	63	212	183	1150	29 JAN 1982	029	07:03:13	79.8	49795.6	-32.0	33.1	-2.9	-46.6
1979	NSSD61	64	267	182	1150	29 JAN 1982	029	12:53:52	73.7	65533.0	-14.5	27.6	-2.9	-46.2
1980	NSSD61	65	211	178	1151	29 JAN 1982	029	20:12:33	68.3	50798.1	6.5	22.1	-2.9	-45.7
1981	NSSD61	66	215	187	1151	30 JAN 1982	030	07:07:03	78.3	50154.8	-31.7	33.1	-2.9	-45.0
1982	NSSD61	67	268	185	1151	30 JAN 1982	030	13:00:04	72.0	65596.0	-14.2	27.6	-2.9	-44.6
1983	NSSD61	68	204	182	1152	30 JAN 1982	030	20:37:25	66.4	48612.6	8.2	21.6	-2.9	-44.1
1984	NSSD61	69	211	189	1153	1 FEB 1982	032	07:14:35	75.3	50770.2	-31.3	32.9	-3.0	-41.7
1985	NSSD62	1	261	186	1153	1 FEB 1982	032	13:11:30	68.7	65671.3	-13.8	27.4	-3.0	-41.3
1986	NSSD62	2	209	187	1154	1 FEB 1982	032	20:22:21	63.4	49905.8	7.2	21.9	-3.0	-40.8
1987	NSSD62	3	217	196	1154	2 FEB 1982	033	07:17:22	73.8	51057.6	-31.0	32.8	-3.0	-40.1
1988	NSSD62	4	268	194	1154	2 FEB 1982	033	13:16:04	67.0	65699.9	-13.5	27.4	-3.1	-39.7
1990	NSSD62	5	164	169	1155	3 FEB 1982	034	07:20:42	72.3	51284.7	-30.8	32.8	-3.1	-38.5
1991	NSSD62	6	269	195	1155	3 FEB 1982	034	11:47:26	66.8	64520.4	-17.3	28.4	-3.1	-38.2
1992	NSSD62	7	221	194	1156	3 FEB 1982	034	19:52:27	60.5	52309.3	5.3	22.4	-3.1	-37.6
1993	NSSD62	8	205	202	1157	5 FEB 1982	036	06:27:37	71.4	46609.2	-34.6	34.2	-3.2	-35.3
1994	NSSD62	9	269	201	1157	5 FEB 1982	036	11:54:50	63.5	64663.7	-17.0	28.4	-3.2	-34.9
1998	NSSD62	10	186	217	1165	13 FEB 1982	044	06:03:33	62.1	44334.2	-36.3	35.1	-3.4	-22.3
1999	NSSD62	11	191	226	1167	15 FEB 1982	046	06:05:59	59.5	44547.7	-36.2	35.0	-3.4	-19.0
2000	NSSD62	12	192	232	1169	17 FEB 1982	048	06:08:34	56.9	44830.1	-36.0	35.0	-3.4	-15.8
2001	NSSD62	13	188	231	1171	19 FEB 1982	050	06:10:11	54.4	45074.0	-35.8	34.9	-3.4	-12.5
2002	NSSD62	14	192	241	1173	21 FEB 1982	052	06:12:19	51.9	45280.3	-35.6	34.9	-3.4	-9.3
2003	NSSD62	15	187	241	1175	23 FEB 1982	054	06:14:30	49.5	45449.6	-35.4	34.9	-3.4	-6.1
2004	NSSD62	16	178	231	1177	25 FEB 1982	056	06:15:56	47.3	45548.9	-35.3	34.8	-3.3	-2.8
2005	NSSD62	17	186	247	1179	27 FEB 1982	058	06:17:26	45.0	45751.4	-35.1	34.8	-3.3	0.4
2006	NSSD62	18	187	251	1181	1 MAR 1982	060	06:18:27	42.9	45848.5	-35.0	34.8	-3.2	3.7
2007	NSSD62	19	178	248	1182	2 MAR 1982	061	06:08:10	42.8	44784.9	-35.9	35.1	-3.2	5.3
2010	NSSD62	20	184	254	1185	5 MAR 1982	064	06:07:05	40.2	44666.5	-35.9	35.2	-3.1	10.1
2011	NSSD62	21	186	260	1186	6 MAR 1982	065	06:07:13	39.4	44663.1	-35.9	35.2	-3.1	11.7
2012	NSSD62	22	188	264	1187	7 MAR 1982	066	06:07:12	38.6	44659.8	-35.9	35.2	-3.0	13.3
2013	NSSD62	23	188	266	1188	8 MAR 1982	067	06:07:23	37.9	44620.4	-35.9	35.2	-3.0	15.0
2014	NSSD62	24	187	266	1189	9 MAR 1982	068	06:07:30	37.2	44617.5	-35.9	35.2	-2.9	16.6

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK CEN DATE	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUB LON	SUB LAT	AR LON
2015	NSSD62	25	187	267	1190	10 MAR 1982	069 06:07:47	36.6	44615.2	-35.9	35.2	-2.9	18.2
2016	NSSD62	26	184	266	1191	11 MAR 1982	070 06:07:50	36.0	44612.3	-35.9	35.2	-2.8	19.8
2018	NSSD62	27	236	152	1251	10 MAY 1982	130 09:16:59	86.5	59125.2	-23.5	30.3	2.2	115.5
2020	NSSD62	28	244	154	1252	11 MAY 1982	131 09:15:56	88.0	59089.1	-23.5	30.3	2.2	117.1
2022	NSSD62	29	241	149	1253	12 MAY 1982	132 09:14:57	89.4	59052.7	-23.6	30.3	2.3	118.7
2024	NSSD62	30	240	142	1254	13 MAY 1982	133 09:45:16	91.3	60559.5	-22.0	29.8	2.4	120.3
2025	NSSD62	31	259	143	1255	14 MAY 1982	134 10:58:47	93.7	63285.4	-18.6	28.8	2.4	122.0
2026	NSSD62	32	248	134	1256	15 MAY 1982	135 10:57:09	95.2	63264.3	-18.7	28.9	2.5	123.5
2027	NSSD62	33	260	138	1257	16 MAY 1982	136 10:55:31	96.7	63221.2	-18.7	28.9	2.6	125.1
2029	NSSD62	34	252	132	1258	17 MAY 1982	137 10:41:08	98.1	62774.2	-19.4	29.1	2.6	126.7
2031	NSSD62	35	256	132	1259	18 MAY 1982	138 10:38:13	99.5	62679.4	-19.5	29.1	2.7	128.3
2032	NSSD62	36	254	129	1260	19 MAY 1982	139 10:36:30	101.0	62630.8	-19.6	29.1	2.7	129.8
2034	NSSD62	37	257	127	1261	20 MAY 1982	140 10:34:41	102.5	62557.6	-19.7	29.2	2.8	131.4
2036	NSSD62	38	255	123	1262	21 MAY 1982	141 10:32:52	103.9	62495.5	-19.8	29.2	2.8	133.0
2037	NSSD62	39	190	137	1263	22 MAY 1982	142 06:01:06	99.6	44731.9	-35.7	34.6	2.9	134.3
2039	NSSD62	40	258	117	1264	23 MAY 1982	143 11:01:02	107.4	63431.7	-18.4	28.8	2.9	136.2
2041	NSSD62	41	255	115	1265	24 MAY 1982	144 10:26:20	108.4	62305.0	-20.0	29.3	3.0	137.7
2042	NSSD62	42	160	118	1266	25 MAY 1982	145 05:57:18	103.3	44402.8	-36.0	34.7	3.0	139.0
2043	NSSD62	43	248	111	1266	25 MAY 1982	145 10:24:26	109.8	62240.5	-20.1	29.3	3.0	139.3
2044	NSSD62	44	255	110	1267	26 MAY 1982	146 10:22:05	111.3	62175.2	-20.2	29.3	3.1	140.9
2048	NSSD62	45	251	104	1269	28 MAY 1982	148 10:16:39	114.1	61962.3	-20.4	29.4	3.1	144.1
2050	NSSD62	46	246	99	1270	29 MAY 1982	149 10:13:37	115.6	61853.2	-20.6	29.5	3.2	145.6
2052	NSSD62	47	251	100	1271	30 MAY 1982	150 10:10:58	117.0	61742.5	-20.7	29.5	3.2	147.2
2054	NSSD62	48	249	96	1272	31 MAY 1982	151 10:08:22	118.4	61671.4	-20.8	29.6	3.2	148.8
2056	NSSD62	49	245	92	1273	1 JUN 1982	152 10:06:29	119.8	61585.8	-20.9	29.6	3.3	150.4
2057	NSSD62	50	247	91	1274	2 JUN 1982	153 10:04:17	121.3	61527.1	-21.0	29.6	3.3	152.0
2059	NSSD62	51	246	89	1275	3 JUN 1982	154 10:02:11	122.7	61439.7	-21.1	29.7	3.3	153.5
2061	NSSD62	52	242	85	1276	4 JUN 1982	155 09:59:56	124.1	61308.1	-21.2	29.7	3.3	155.1
2063	NSSD62	53	244	84	1277	5 JUN 1982	156 09:57:59	125.5	61247.5	-21.3	29.7	3.3	156.7
2064	NSSD62	54	235	80	1278	6 JUN 1982	157 09:56:22	126.9	61201.2	-21.3	29.8	3.4	158.3
2069	NSSD62	55	236	75	1281	9 JUN 1982	160 09:50:24	131.1	60954.1	-21.6	29.9	3.4	163.0
2071	NSSD62	56	234	73	1282	10 JUN 1982	161 09:48:41	132.4	60860.2	-21.7	29.9	3.4	164.6
2073	NSSD63	1	234	71	1283	11 JUN 1982	162 09:46:59	133.8	60765.3	-21.8	29.9	3.4	166.2
2075	NSSD63	2	231	69	1284	12 JUN 1982	163 09:45:17	135.2	60731.0	-21.8	30.0	3.4	167.8
2079	NSSD63	3	224	64	1286	14 JUN 1982	165 09:42:19	137.8	60600.2	-21.9	30.0	3.4	171.0
2081	NSSD63	4	214	60	1287	15 JUN 1982	166 09:41:02	139.2	60550.4	-22.0	30.0	3.4	172.6
2082	NSSD63	5	215	59	1288	16 JUN 1982	167 09:39:47	140.5	60452.9	-22.1	30.1	3.4	174.2
2086	NSSD63	6	206	55	1290	18 JUN 1982	169 09:36:34	143.0	60318.1	-22.2	30.1	3.3	177.3
2088	NSSD63	7	207	54	1291	19 JUN 1982	170 09:35:23	144.3	60266.2	-22.2	30.1	3.3	178.9
2089	NSSD63	8	197	51	1292	20 JUN 1982	171 09:34:14	145.5	60214.0	-22.3	30.2	3.3	179.5
2091	NSSD63	9	189	49	1293	21 JUN 1982	172 09:33:09	146.8	60145.4	-22.3	30.2	3.3	177.9
2093	NSSD63	10	189	48	1294	22 JUN 1982	173 09:31:58	147.9	60060.1	-22.4	30.2	3.2	176.3
2094	NSSD63	11	132	58	1296	24 JUN 1982	175 05:42:07	136.9	42946.9	-37.0	35.7	3.2	173.4
2096	NSSD63	12	142	36	1297	25 JUN 1982	176 09:59:05	152.6	61263.2	-21.0	29.8	3.1	171.5
2097	NSSD63	13	116	59	1298	26 JUN 1982	177 05:29:25	137.4	41508.6	-38.2	36.2	3.1	170.2
2098	NSSD63	14	160	40	1298	26 JUN 1982	177 09:58:29	153.7	61216.5	-21.1	29.8	3.1	169.9
2099	NSSD63	15	111	58	1299	27 JUN 1982	178 05:29:02	138.2	41505.5	-38.2	36.2	3.1	168.6
2100	NSSD63	16	130	34	1299	27 JUN 1982	178 09:57:43	154.8	61184.3	-21.1	29.8	3.1	168.3
2101	NSSD63	17	106	57	1300	28 JUN 1982	179 05:28:31	138.8	41344.4	-38.3	36.3	3.0	167.0
2102	NSSD63	18	132	34	1300	28 JUN 1982	179 09:56:48	155.8	61123.2	-21.1	29.8	3.0	166.7
2103	NSSD63	19	111	57	1301	29 JUN 1982	180 05:28:08	139.5	41341.4	-38.3	36.3	3.0	165.4
2104	NSSD63	20	111	30	1301	29 JUN 1982	180 09:56:03	156.7	61119.8	-21.1	29.8	3.0	165.1
2110	NSSD63	21	142	31	1319	16 JUL 1982	197 19:49:05	157.1	51457.9	7.3	21.7	1.9	137.3
2121	NSSD63	22	188	45	1325	22 JUL 1982	203 19:53:08	148.1	51201.5	7.6	21.7	1.4	127.7
2125	NSSD63	23	181	45	1327	24 JUL 1982	205 19:55:29	145.0	51031.4	7.8	21.6	1.2	124.5

POLARIM MAP	TRY	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK	CENT	TIME	PHASE	SPACECRAFT	SUBSPACECRAFT	SUBS	AR	
							DATE	DOY	S/C UT	ANGLE	ALTITUDE(KM)	LAT	Lon	LAT	Lon
2127		NSSD63	24	199	51	1328	25 JUL 1982	206	19:56:36	143.5	50974.5	7.8	21.6	1.1	-122.9
2129		NSSD63	25	200	53	1329	26 JUL 1982	207	19:57:33	141.9	50892.0	7.9	21.6	1.0	-121.3
2134		NSSD63	26	205	61	1333	30 JUL 1982	211	20:02:31	135.6	50462.1	8.3	21.5	0.6	-114.8
2136		NSSD63	27	204	62	1334	31 JUL 1982	212	20:04:17	134.0	50316.9	8.5	21.5	0.6	-113.2
2138		NSSD63	28	205	65	1335	1 AUG 1982	213	20:05:40	132.4	50229.7	8.6	21.5	0.5	-111.6
2143		NSSD63	29	205	71	1338	4 AUG 1982	216	20:10:12	127.6	49788.1	8.9	21.4	0.2	-106.8
2146		NSSD63	30	201	75	1340	6 AUG 1982	218	20:13:37	124.4	49493.6	9.2	21.4	0.0	-103.5
2148		NSSD63	31	203	78	1341	7 AUG 1982	219	20:15:40	122.8	49312.7	9.4	21.4	-0.1	-101.9
2150		NSSD63	32	205	81	1342	8 AUG 1982	220	20:17:23	121.2	49161.2	9.5	21.3	-0.2	-100.3
2152		NSSD63	33	202	82	1343	9 AUG 1982	221	20:19:20	119.6	48947.2	9.7	21.3	-0.3	-98.7
2154		NSSD63	34	221	87	1345	11 AUG 1982	223	19:05:43	118.1	54702.7	4.8	22.6	-0.5	-95.6
2156		NSSD63	35	218	92	1347	13 AUG 1982	225	19:10:50	114.8	54319.1	5.2	22.6	-0.7	-92.3
2158		NSSD63	36	223	97	1348	14 AUG 1982	226	19:13:28	113.2	54100.1	5.4	22.5	-0.8	-90.7
2160		NSSD63	37	222	99	1349	15 AUG 1982	227	19:16:04	111.5	53878.4	5.5	22.5	-0.9	-89.1
2164		NSSD63	38	220	107	1352	18 AUG 1982	230	19:24:42	106.6	53277.7	6.1	22.4	-1.1	-84.2
2166		NSSD63	39	211	110	1354	20 AUG 1982	232	19:29:18	103.3	52864.7	6.4	22.3	-1.3	-81.0
2168		NSSD63	40	218	116	1355	21 AUG 1982	233	19:31:28	101.7	52707.9	6.5	22.3	-1.4	-79.4
2170		NSSD63	41	217	119	1356	22 AUG 1982	234	19:34:23	100.1	52443.3	6.8	22.2	-1.5	-77.7
2171		NSSD63	42	254	123	1358	24 AUG 1982	236	15:31:49	100.0	64095.1	-5.8	25.4	-1.7	-74.8
2173		NSSD63	43	214	128	1359	25 AUG 1982	237	19:42:18	95.1	51767.5	7.3	22.1	-1.7	-72.9
2174		NSSD63	44	219	131	1360	26 AUG 1982	238	19:21:39	93.9	53361.0	6.0	22.4	-1.8	-71.3
2176		NSSD63	45	210	132	1361	27 AUG 1982	239	19:47:16	91.9	51351.8	7.6	22.0	-1.9	-69.6
2178		NSSD63	46	209	135	1362	28 AUG 1982	240	19:49:46	90.2	51155.0	7.8	22.0	-2.0	-68.0
2180		NSSD63	47	210	139	1363	29 AUG 1982	241	19:52:42	88.6	50899.6	8.0	21.9	-2.1	-66.4
2183		NSSD63	48	256	147	1365	31 AUG 1982	243	16:00:10	88.3	63308.0	-4.5	25.1	-2.2	-63.4
2184		NSSD63	49	197	145	1366	1 SEP 1982	244	20:21:45	83.4	48344.8	10.1	21.4	-2.3	-61.5
2185		NSSD63	50	193	146	1367	2 SEP 1982	245	20:24:05	81.7	48058.8	10.3	21.3	-2.4	-59.8
2186		NSSD63	51	195	149	1368	3 SEP 1982	246	20:26:19	80.1	47866.3	10.5	21.3	-2.4	-58.2
2187		NSSD63	52	198	157	1369	4 SEP 1982	247	20:28:41	78.5	47672.5	10.6	21.2	-2.5	-56.6
2192		NSSD63	53	202	169	1374	9 SEP 1982	252	19:51:19	71.0	50751.8	8.1	21.9	-2.8	-48.5
2193		NSSD63	54	213	173	1375	10 SEP 1982	253	19:28:29	69.7	52521.5	6.6	22.3	-2.8	-46.9
2195		NSSD63	55	214	183	1378	13 SEP 1982	256	19:35:24	64.8	51924.0	7.1	22.1	-3.0	-42.0
2196		NSSD63	56	212	185	1379	14 SEP 1982	257	19:37:37	63.2	51782.5	7.2	22.1	-3.0	-40.4
2203		NSSD63	57	211	129	1476	20 DEC 1982	354	19:15:45	92.5	52846.8	7.1	22.3	2.1	115.1
2205		NSSD63	58	211	128	1477	21 DEC 1982	355	19:34:15	94.4	51365.2	8.4	21.9	2.2	116.7
2217		NSSD63	59	197	70	1498	11 JAN 1983	011	19:48:15	127.0	49752.3	9.6	21.5	3.3	149.9
2219		NSSD63	60	200	68	1499	12 JAN 1983	012	19:45:31	128.5	50015.9	9.4	21.6	3.3	151.5
2221		NSSD63	61	201	63	1502	15 JAN 1983	015	19:36:53	133.1	50700.3	8.8	21.7	3.3	156.2
2223		NSSD63	62	203	62	1503	16 JAN 1983	016	19:34:17	134.6	50840.1	8.7	21.7	3.4	157.8
2252		NSSD63	63	144	57	1556	11 MAR 1983	070	06:04:40	137.8	46727.9	-32.6	33.8	0.8	-116.9
2253		NSSD63	64	136	61	1557	12 MAR 1983	071	05:29:46	135.5	43219.3	-35.6	34.9	0.7	-115.3
2255		NSSD63	65	143	63	1558	13 MAR 1983	072	05:29:54	134.4	43220.0	-35.6	34.9	0.6	-113.7
2256		NSSD63	66	217	59	1558	13 MAR 1983	072	10:07:00	139.1	61953.0	-18.2	29.0	0.6	-113.4
2257		NSSD63	67	153	61	1559	14 MAR 1983	073	06:05:22	134.5	46828.2	-32.5	33.7	0.5	-112.1
2259		NSSD63	68	154	68	1561	16 MAR 1983	075	05:30:39	131.2	43370.6	-35.5	34.8	0.3	-108.9
2260		NSSD63	69	234	69	1561	16 MAR 1983	075	10:09:17	134.6	62042.3	-18.1	28.9	0.3	-108.6
2261		NSSD63	70	155	71	1562	17 MAR 1983	076	05:31:00	130.1	43482.3	-35.4	34.7	0.2	-107.3
2262		NSSD63	71	233	70	1562	17 MAR 1983	076	10:10:15	133.1	62080.1	-18.0	28.9	0.2	-107.0
2263		NSSD63	72	172	71	1563	18 MAR 1983	077	06:06:58	129.8	46963.7	-32.4	33.6	0.1	-105.6
2264		NSSD63	73	160	75	1564	19 MAR 1983	078	05:31:58	127.8	43521.2	-35.3	34.7	0.0	-104.0
2265		NSSD63	74	238	75	1564	19 MAR 1983	078	10:12:43	130.1	62155.2	-17.9	28.9	0.0	-103.7
2266		NSSD63	75	161	77	1565	20 MAR 1983	079	05:32:14	126.7	43632.5	-35.2	34.6	-0.1	-102.4
2267		NSSD63	76	240	77	1565	20 MAR 1983	079	10:13:30	128.6	62192.5	-17.9	28.9	-0.1	-102.1
2268		NSSD63	77	179	78	1566	21 MAR 1983	080	06:08:15	126.0	47163.0	-32.2	33.5	-0.2	-100.8
2269		NSSD63	78	167	82	1567	22 MAR 1983	081	05:32:52	124.2	43670.2	-35.2	34.6	-0.3	-99.2

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK CENTER DATE	TIME DOY	S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	LONG	SUBSAR LAT	LONG
2271	NSSD63	79	171	85	1568	23 MAR 1983	082	05:33:21	123.0	43781.0	-35.1	34.5	-0.4	-97.6
2272	NSSD63	80	234	81	1568	23 MAR 1983	082	10:16:53	124.0	62313.9	-17.7	28.8	-0.4	-97.3
2279	NSSD63	81	247	95	1572	27 MAR 1983	086	10:23:20	117.8	62571.1	-17.4	28.7	-0.8	-90.8
2285	NSSD63	82	183	107	1576	31 MAR 1983	090	05:38:45	112.7	44476.0	-34.5	34.2	-1.1	-84.7
2286	NSSD63	83	251	106	1576	31 MAR 1983	090	10:29:37	111.5	62794.7	-17.0	28.6	-1.1	-84.3
2287	NSSD63	84	184	111	1577	1 APR 1983	091	05:39:24	111.4	44584.0	-34.4	34.1	-1.2	-83.0
2288	NSSD63	85	250	109	1577	1 APR 1983	091	10:31:15	109.9	62849.0	-16.9	28.6	-1.2	-82.7
2289	NSSD63	86	185	114	1578	2 APR 1983	092	05:40:11	110.0	44726.7	-34.3	34.1	-1.3	-81.4
2290	NSSD63	87	253	113	1578	2 APR 1983	092	10:33:02	108.3	62923.1	-16.8	28.5	-1.3	-81.1
2291	NSSD63	88	195	112	1579	3 APR 1983	093	06:18:31	108.5	48356.2	-31.3	33.0	-1.4	-79.8
2318	NSSD63	89	238	159	1596	19 APR 1983	109	16:32:29	77.4	61170.6	-0.5	24.3	-2.6	-53.1
2319	NSSD63	90	245	162	1597	20 APR 1983	110	15:31:07	76.4	63206.3	-3.4	25.0	-2.7	-51.6
2321	NSSD64	1	229	153	1598	21 APR 1983	111	15:32:39	74.8	63166.2	-3.3	25.0	-2.7	-49.9
2323	NSSD64	2	236	167	1599	22 APR 1983	112	16:36:52	72.5	60954.0	-0.2	24.2	-2.8	-48.2
2324	NSSD64	3	239	171	1600	23 APR 1983	113	16:38:08	70.8	60880.0	-0.1	24.2	-2.9	-46.6
2325	NSSD64	4	246	174	1601	24 APR 1983	114	15:37:11	69.9	63001.1	-3.1	24.9	-2.9	-45.1
2329	NSSD64	5	243	178	1604	27 APR 1983	117	15:41:51	65.0	62861.4	-2.8	24.9	-3.0	-40.2
2331	NSSD64	6	236	182	1605	28 APR 1983	118	16:45:18	62.6	60516.7	0.3	24.1	-3.1	-38.5
2332	NSSD64	7	238	188	1606	29 APR 1983	119	16:46:30	61.0	60454.0	0.3	24.1	-3.1	-36.8
2333	NSSD64	8	245	188	1607	30 APR 1983	120	15:45:45	60.0	62705.4	-2.6	24.8	-3.2	-35.3
2335	NSSD64	9	195	198	1608	2 MAY 1983	122	05:58:27	68.3	47193.6	-32.4	33.5	-3.2	-32.7
2337	NSSD64	10	194	210	1613	7 MAY 1983	127	06:02:06	61.4	47634.8	-32.0	33.4	-3.3	-24.6
2338	NSSD64	11	191	200	1614	7 MAY 1983	127	19:39:15	46.9	49414.8	10.7	21.3	-3.3	-23.7
2339	NSSD64	12	195	215	1615	9 MAY 1983	129	06:03:05	58.7	47725.2	-31.9	33.4	-3.4	-21.3
2340	NSSD64	13	200	228	1622	16 MAY 1983	136	06:25:51	48.5	49703.4	-30.2	32.9	-3.4	-9.9
2342	NSSD64	14	184	239	1629	23 MAY 1983	143	05:46:42	42.7	46208.5	-33.1	34.1	-3.3	1.4
2343	NSSD64	15	199	228	1634	27 MAY 1983	147	19:28:45	18.3	50199.0	10.3	21.2	-3.1	8.8
2344	NSSD64	16	196	230	1638	31 MAY 1983	151	19:47:03	15.7	48573.6	11.7	20.8	-3.0	15.2
2345	NSSD64	17	199	227	1639	1 JUN 1983	152	19:25:45	13.8	50444.2	10.1	21.2	-2.9	16.8
2347	NSSD64	18	180	248	1643	6 JUN 1983	157	05:47:16	31.7	46205.7	-32.9	34.1	-2.7	24.0
2348	NSSD64	19	230	223	1645	8 JUN 1983	159	12:06:07	9.4	64811.7	-12.0	27.3	-2.5	27.6
2351	NSSD64	20	179	250	1649	12 JUN 1983	163	05:44:22	30.8	45857.8	-33.1	34.2	-2.3	33.6
2352	NSSD64	21	170	249	1655	18 JUN 1983	169	05:23:15	33.9	43705.8	-34.8	34.8	-1.8	43.2
2354	NSSD64	22	182	225	1665	28 JUN 1983	179	06:11:47	38.7	48321.6	-30.8	33.2	-1.0	59.2
2355	NSSD64	23	181	223	1672	5 JUL 1983	186	05:46:41	47.2	46057.6	-32.7	33.7	-0.3	70.3
2356	NSSD64	24	153	152	1681	13 JUL 1983	194	20:09:46	64.2	46555.9	14.1	20.5	0.5	84.0
2357	NSSD64	25	167	161	1684	16 JUL 1983	197	20:23:12	69.1	45131.7	15.3	20.2	0.7	88.7
2362	NSSD64	26	205	142	1696	28 JUL 1983	209	19:17:37	85.8	50771.9	10.4	21.6	1.8	107.6
2363	NSSD64	27	199	129	1699	31 JUL 1983	212	19:10:47	90.3	51249.1	10.0	21.7	2.0	112.4
2365	NSSD64	28	204	120	1701	2 AUG 1983	214	14:35:04	90.0	64162.9	-4.7	25.4	2.1	115.2
2366	NSSD64	29	204	120	1701	2 AUG 1983	214	19:15:17	93.5	50802.2	10.3	21.6	2.2	115.5
2367	NSSD64	30	191	109	1702	3 AUG 1983	215	15:21:41	92.1	63093.4	-2.6	24.9	2.2	116.9
2368	NSSD64	31	196	116	1702	3 AUG 1983	215	19:35:44	95.3	49138.4	11.8	21.3	2.2	117.1
2370	NSSD64	32	201	107	1704	5 AUG 1983	217	14:48:37	94.9	63886.7	-4.1	25.3	2.4	120.0
2371	NSSD64	33	195	109	1704	5 AUG 1983	217	19:14:38	98.1	50829.9	10.3	21.6	2.4	120.3
2376	NSSD64	34	180	92	1708	9 AUG 1983	221	19:13:44	104.2	50824.2	10.3	21.6	2.6	126.6
2380	NSSD64	35	211	84	1715	16 AUG 1983	228	15:19:18	112.6	63022.6	-2.6	24.9	3.0	137.4
2381	NSSD64	36	217	84	1716	17 AUG 1983	229	14:46:26	113.8	63843.3	-4.1	25.3	3.0	139.0
2382	NSSD64	37	195	85	1716	17 AUG 1983	229	19:31:39	116.7	49152.6	11.7	21.2	3.0	139.3
2385	NSSD64	38	195	73	1721	22 AUG 1983	234	19:14:27	124.2	50432.2	10.6	21.5	3.2	147.2
2388	NSSD64	39	242	77	1724	25 AUG 1983	237	15:42:51	127.1	62251.6	-1.4	24.6	3.3	151.7
2390	NSSD64	40	244	73	1726	27 AUG 1983	239	15:32:08	130.2	62550.0	-1.9	24.7	3.3	154.9
2391	NSSD64	41	241	70	1727	28 AUG 1983	240	15:26:57	131.7	62729.4	-2.1	24.8	3.3	156.4
2392	NSSD64	42	221	60	1729	30 AUG 1983	242	15:16:01	134.8	62998.5	-2.6	24.9	3.4	159.6
2393	NSSD64	43	176	51	1729	30 AUG 1983	242	19:29:29	136.3	49028.8	11.8	21.1	3.4	159.9

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUB LAT	SUB LON
2395	NSSD64	44	205	53	1731	1 SEP 1983	244	15:48:04	138.3	61981.6	-1.0	24.4	3.4	162.8
2400	NSSD64	45	237	52	1737	7 SEP 1983	250	15:13:47	147.5	63040.5	-2.6	24.9	3.4	172.3
2401	NSSD64	46	158	39	1737	7 SEP 1983	250	19:27:31	147.9	49121.9	11.8	21.0	3.4	172.6
2405	NSSD64	47	140	34	1740	10 SEP 1983	253	19:46:40	151.6	47399.1	13.3	20.5	3.3	177.4
2410	NSSD64	48	92	25	1745	15 SEP 1983	258	19:39:18	157.9	48018.4	12.9	20.6	3.2	-174.7
2411	NSSD64	49	136	62	1791	31 OCT 1983	304	19:40:04	120.7	47841.1	13.7	20.6	-0.2	-101.0
2412	NSSD64	50	134	66	1793	2 NOV 1983	306	20:25:18	116.1	43456.0	17.6	19.6	-0.4	-97.7
2413	NSSD64	51	83	43	1795	4 NOV 1983	308	19:37:14	114.7	48034.7	13.6	20.7	-0.5	-94.6
2414	NSSD64	52	145	74	1796	5 NOV 1983	309	19:36:41	113.2	48098.5	13.5	20.8	-0.6	-92.9
2415	NSSD64	53	144	76	1797	6 NOV 1983	310	19:36:08	111.6	48068.5	13.6	20.8	-0.7	-91.3
2416	NSSD64	54	144	78	1798	7 NOV 1983	311	19:35:37	110.1	48132.2	13.5	20.8	-0.8	-89.7
2417	NSSD64	55	127	81	1800	9 NOV 1983	313	20:21:53	105.7	43688.2	17.4	19.8	-1.0	-86.4
2418	NSSD64	56	116	71	1801	10 NOV 1983	314	19:34:13	105.5	48171.0	13.5	20.8	-1.1	-84.9
2419	NSSD64	57	144	88	1803	12 NOV 1983	316	19:32:59	102.5	48328.4	13.3	20.9	-1.3	-81.6
2420	NSSD64	58	158	96	1804	13 NOV 1983	317	19:32:11	100.9	48298.4	13.3	20.9	-1.4	-80.0
2421	NSSD64	59	145	93	1805	14 NOV 1983	318	19:31:49	99.4	48361.2	13.3	20.9	-1.5	-78.4
2422	NSSD64	60	177	122	1807	16 NOV 1983	320	20:19:01	95.2	43694.3	17.3	19.8	-1.6	-75.1
2423	NSSD64	61	151	102	1808	17 NOV 1983	321	19:31:41	94.7	48270.3	13.3	20.9	-1.7	-73.5
2424	NSSD64	62	150	106	1810	19 NOV 1983	323	19:31:14	91.6	48240.2	13.4	20.9	-1.9	-70.3
2427	NSSD65	1	176	141	1814	23 NOV 1983	327	20:17:26	84.6	43696.9	17.3	19.9	-2.2	-63.7
2433	NSSD65	2	173	160	1821	30 NOV 1983	334	20:16:03	73.9	43585.2	17.3	19.9	-2.7	-52.4
2454	NSSD65	3	135	227	1857	6 JAN 1984	006	04:03:54	45.4	37942.2	-39.4	36.8	-3.2	6.6
2455	NSSD65	4	138	234	1858	7 JAN 1984	007	04:03:48	44.6	37939.8	-39.4	36.8	-3.1	8.2
2456	NSSD65	5	140	239	1859	8 JAN 1984	008	04:03:38	43.8	37937.5	-39.3	36.8	-3.1	9.8
2457	NSSD65	6	139	238	1860	9 JAN 1984	009	04:03:28	43.0	37935.1	-39.3	36.9	-3.1	11.4
2458	NSSD65	7	140	241	1861	10 JAN 1984	010	04:03:22	42.2	37933.0	-39.3	36.9	-3.0	13.0
2465	NSSD65	8	136	236	1877	26 JAN 1984	026	04:08:57	36.6	38421.2	-38.6	36.5	-2.1	38.8
2466	NSSD65	9	134	247	1878	27 JAN 1984	027	03:55:40	38.3	36822.0	-40.1	37.2	-2.0	40.4
2467	NSSD65	10	139	242	1879	28 JAN 1984	028	04:07:57	37.2	38293.5	-38.7	36.6	-1.9	42.0
2468	NSSD65	11	138	254	1880	29 JAN 1984	029	03:54:40	38.8	36688.5	-40.2	37.3	-1.8	43.6
2469	NSSD65	12	136	252	1881	30 JAN 1984	030	03:54:02	39.2	36688.4	-40.2	37.2	-1.7	45.2
2470	NSSD65	13	137	252	1882	31 JAN 1984	031	03:53:20	39.6	36555.1	-40.4	37.3	-1.7	46.8
2472	NSSD65	14	135	249	1885	3 FEB 1984	034	03:50:54	41.3	36197.8	-40.7	37.4	-1.4	51.6
2474	NSSD65	15	127	238	1886	4 FEB 1984	035	03:50:08	41.9	36198.0	-40.7	37.3	-1.3	53.2
2475	NSSD65	16	124	229	1887	5 FEB 1984	036	03:49:24	42.6	36062.5	-40.8	37.4	-1.2	54.7
2476	NSSD65	17	242	225	1887	5 FEB 1984	036	10:37:16	29.7	63640.1	-13.2	27.8	-1.2	55.2
2477	NSSD65	18	138	237	1888	6 FEB 1984	037	04:00:39	42.3	37434.6	-39.5	36.7	-1.1	56.4
2478	NSSD65	19	134	244	1889	7 FEB 1984	038	03:47:36	44.1	35792.1	-41.0	37.5	-1.1	57.9
2480	NSSD65	20	154	253	1892	10 FEB 1984	041	04:15:11	44.4	39300.0	-37.7	35.9	-0.8	62.7
2482	NSSD65	21	159	242	1896	14 FEB 1984	045	04:24:19	47.8	40360.3	-36.7	35.4	-0.4	69.1
2483	NSSD65	22	160	239	1898	16 FEB 1984	047	04:21:35	50.1	40039.7	-37.0	35.5	-0.2	72.3
2486	NSSD65	23	147	223	1902	20 FEB 1984	051	04:02:10	55.1	37878.1	-39.0	36.2	0.1	78.6
2487	NSSD65	24	124	221	1906	24 FEB 1984	055	03:21:22	60.7	32638.8	-44.2	38.6	0.5	84.9
2488	NSSD65	25	129	229	1907	25 FEB 1984	056	03:20:06	61.8	32491.8	-44.4	38.6	0.6	86.5
2489	NSSD65	26	146	211	1908	26 FEB 1984	057	03:52:36	62.1	36794.9	-40.0	36.6	0.7	88.1
2490	NSSD65	27	139	223	1909	27 FEB 1984	058	03:27:52	63.7	33565.7	-43.2	38.1	0.8	89.7
2496	NSSD65	28	160	185	1917	6 MAR 1984	066	04:12:07	72.9	39528.6	-37.5	35.4	1.5	102.4
2505	NSSD65	29	157	170	1921	10 MAR 1984	070	04:09:56	78.0	39325.0	-37.7	35.5	1.8	108.7
2513	NSSD65	30	165	144	1927	16 MAR 1984	076	04:59:52	86.7	44905.1	-32.8	33.6	2.3	118.2
2514	NSSD65	31	172	144	1928	17 MAR 1984	077	04:57:21	88.1	44730.3	-32.9	33.7	2.3	119.8
2515	NSSD65	32	180	150	1929	18 MAR 1984	078	04:54:54	89.4	44483.7	-33.1	33.7	2.4	121.4
2516	NSSD65	33	182	148	1930	19 MAR 1984	079	04:52:28	90.7	44306.4	-33.3	33.8	2.5	123.0
2517	NSSD65	34	169	135	1931	20 MAR 1984	080	04:50:06	92.0	44127.7	-33.5	33.9	2.5	124.6
2522	NSSD65	35	176	134	1935	24 MAR 1984	084	04:40:56	97.1	43218.4	-34.3	34.2	2.8	130.9
2524	NSSD65	36	163	116	1937	26 MAR 1984	086	05:03:16	100.5	45587.2	-32.2	33.5	2.9	134.1

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK CENT DATE	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUB LAT	AR LON
2525	NSSD65	37	167	116	1938	27 MAR 1984	087 05:01:03	101.8	45449.6	-32.3	33.5	2.9 135.6
2526	NSSD65	38	183	116	1940	29 MAR 1984	089 05:02:45	104.5	45583.4	-32.2	33.5	3.0 138.8
2527	NSSD65	39	231	102	1940	29 MAR 1984	089 09:21:01	110.5	61889.6	-16.3	28.6	3.0 139.1
2529	NSSD65	40	172	108	1942	31 MAR 1984	091 04:57:28	107.0	45135.2	-32.6	33.7	3.1 142.0
2530	NSSD65	41	170	102	1943	1 APR 1984	092 04:55:19	108.3	44995.0	-32.7	33.7	3.1 143.5
2531	NSSD65	42	235	96	1943	1 APR 1984	092 09:09:22	114.9	61502.0	-16.8	28.8	3.1 143.8
2532	NSSD65	43	170	100	1944	2 APR 1984	093 04:53:06	109.5	44784.1	-32.9	33.8	3.2 145.1
2533	NSSD65	44	171	99	1945	3 APR 1984	094 04:50:23	110.7	44501.3	-33.2	33.9	3.2 146.7
2542	NSSD65	45	225	75	1952	10 APR 1984	101 08:36:16	127.7	60248.9	-18.4	29.3	3.4 158.0
2544	NSSD65	46	230	74	1953	11 APR 1984	102 08:32:47	129.1	60079.8	-18.6	29.3	3.4 159.6
2546	NSSD66	1	224	71	1954	12 APR 1984	103 08:29:29	130.5	59954.0	-18.8	29.4	3.4 161.2
2551	NSSD66	2	148	62	1961	19 APR 1984	110 04:58:34	131.4	45503.2	-32.2	33.8	3.4 172.1
2552	NSSD66	3	216	56	1961	19 APR 1984	110 09:14:16	142.0	61728.8	-16.4	28.8	3.4 172.4
2553	NSSD66	4	158	63	1962	20 APR 1984	111 04:56:52	132.5	45295.6	-32.4	33.9	3.4 173.7
2554	NSSD66	5	214	54	1962	20 APR 1984	111 09:11:40	143.3	61627.9	-16.5	28.8	3.4 174.0
2555	NSSD66	6	155	61	1963	21 APR 1984	112 04:55:17	133.6	45226.2	-32.4	33.9	3.4 175.3
2556	NSSD66	7	211	53	1963	21 APR 1984	112 09:09:21	144.7	61552.1	-16.6	28.8	3.3 175.5
2557	NSSD66	8	150	59	1964	22 APR 1984	113 04:52:23	134.6	45055.7	-32.6	34.0	3.3 176.9
2558	NSSD66	9	208	51	1964	22 APR 1984	113 09:05:44	146.1	61463.3	-16.7	28.9	3.3 177.1
2559	NSSD66	10	148	58	1965	23 APR 1984	114 04:50:34	135.6	44879.6	-32.7	34.1	3.3 178.4
2560	NSSD66	11	139	54	1966	24 APR 1984	115 04:48:57	136.5	44702.6	-32.8	34.2	3.3 -180.0
2561	NSSD66	12	192	46	1966	24 APR 1984	115 09:00:33	148.8	61290.3	-16.9	28.9	3.3 -179.7
2562	NSSD66	13	126	50	1968	26 APR 1984	117 04:45:12	138.4	44451.7	-33.0	34.3	3.2 -176.8
2564	NSSD66	14	134	52	1969	27 APR 1984	118 04:43:26	139.2	44237.1	-33.2	34.3	3.2 -175.2
2568	NSSD66	15	125	49	1971	29 APR 1984	120 04:40:15	140.9	43983.7	-33.4	34.4	3.2 -172.0
2572	NSSD66	16	117	27	1973	1 MAY 1984	122 08:43:54	157.3	60675.1	-17.6	29.2	3.1 -168.6
2574	NSSD66	17	98	24	1975	3 MAY 1984	124 08:40:20	159.5	60570.8	-17.7	29.2	3.0 -165.4
2580	NSSD66	18	62	21	1980	8 MAY 1984	129 08:34:19	163.5	60343.4	-17.9	29.3	2.7 -157.4
2588	NSSD66	19	203	153	2045	12 JUL 1984	194 05:31:10	84.0	50828.9	-27.0	31.8	-2.6 -52.9
2589	NSSD66	20	247	157	2045	12 JUL 1984	194 10:24:17	79.5	64163.3	-11.1	27.3	-2.7 -52.6
2591	NSSD66	21	204	156	2046	13 JUL 1984	195 05:33:38	82.5	51022.0	-26.9	31.7	-2.7 -51.3
2592	NSSD66	22	252	162	2046	13 JUL 1984	195 10:28:12	77.9	64232.2	-10.9	27.2	-2.7 -50.9
2593	NSSD66	23	207	151	2047	13 JUL 1984	195 16:40:24	73.7	56619.7	7.1	22.7	-2.7 -50.5
2602	NSSD66	24	251	176	2052	19 JUL 1984	201 11:37:22	67.3	64808.3	-7.7	26.4	-3.0 -41.1
2603	NSSD66	25	208	170	2053	19 JUL 1984	201 16:55:56	64.0	55510.2	8.2	22.4	-3.0 -40.7
2606	NSSD66	26	219	182	2054	20 JUL 1984	202 16:59:00	62.4	55243.0	8.4	22.4	-3.1 -39.1
2610	NSSD66	27	202	187	2056	23 JUL 1984	205 05:15:30	68.4	49964.3	-27.8	32.1	-3.2 -35.0
2613	NSSD66	28	210	189	2059	25 JUL 1984	207 17:11:20	54.4	54292.2	9.3	22.1	-3.2 -31.0
2614	NSSD66	29	214	196	2060	27 JUL 1984	209 06:08:29	60.9	54032.1	-24.2	31.0	-3.3 -28.5
2615	NSSD66	30	245	193	2060	27 JUL 1984	209 11:19:18	54.6	64752.3	-8.3	26.6	-3.3 -28.1
2616	NSSD66	31	214	198	2061	28 JUL 1984	210 06:10:50	59.4	54195.9	-24.0	31.0	-3.3 -26.8
2617	NSSD66	32	246	196	2061	28 JUL 1984	210 11:22:34	53.0	64761.8	-8.2	26.6	-3.3 -26.5
2618	NSSD66	33	191	201	2062	29 JUL 1984	211 04:47:05	60.9	47754.8	-29.8	32.8	-3.3 -25.3
2619	NSSD66	34	239	195	2062	29 JUL 1984	211 09:18:44	53.4	62903.3	-13.9	28.1	-3.3 -25.0
2622	NSSD66	35	250	208	2067	2 AUG 1984	215 12:12:05	44.2	64676.2	-5.8	25.9	-3.4 -18.3
2626	NSSD66	36	197	217	2069	5 AUG 1984	218 04:53:36	51.1	48512.3	-29.1	32.7	-3.4 -13.9
2627	NSSD66	37	197	218	2070	6 AUG 1984	219 04:54:37	49.7	48631.3	-28.9	32.7	-3.4 -12.3
2628	NSSD66	38	197	220	2071	7 AUG 1984	220 04:55:33	48.4	48719.6	-28.9	32.7	-3.4 -10.7
2641	NSSD66	39	231	135	2149	23 OCT 1984	297 14:47:09	89.3	60345.8	3.8	23.6	2.0 113.0
2644	NSSD66	40	220	119	2154	28 OCT 1984	302 15:57:37	98.0	56755.5	7.7	22.7	2.4 121.0
2652	NSSD66	41	162	39	2188	1 DEC 1984	336 16:41:03	149.7	52942.7	11.4	21.5	3.4 174.9
2657	NSSD66	42	117	29	2193	6 DEC 1984	341 16:34:05	156.5	53351.5	11.1	21.5	3.3 -177.1
2662	NSSD66	43	45	17	2200	13 DEC 1984	348 16:25:46	164.4	53889.7	10.7	21.6	3.0 -166.0
2664	NSSD66	44	238	95	2248	31 JAN 1985	031 07:40:27	115.1	61559.9	-14.4	28.3	-0.9 -87.9
2666	NSSD66	45	241	106	2252	4 FEB 1985	035 07:57:04	108.6	62176.1	-13.5	28.0	-1.3 -81.4

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
2670	NSSD66	46	241	117	2256	8 FEB 1985	039	07:39:35	102.4	61652.8	-14.3	28.2	-1.6	-75.0
2671	NSSD66	47	156	120	2257	9 FEB 1985	040	02:18:04	104.0	38645.8	-36.7	35.2	-1.7	-73.7
2673	NSSD66	48	157	125	2259	11 FEB 1985	042	02:18:07	101.4	38771.8	-36.6	35.2	-1.9	-70.5
2675	NSSD66	49	236	127	2260	12 FEB 1985	043	07:59:41	95.8	62353.0	-13.3	28.0	-2.0	-68.5
2680	NSSD66	50	235	132	2262	14 FEB 1985	045	08:02:50	92.6	62467.4	-13.1	27.9	-2.1	-65.2
2683	NSSD66	51	233	133	2263	15 FEB 1985	046	08:02:54	91.0	62487.9	-13.1	27.9	-2.2	-63.6
2684	NSSD66	52	213	139	2264	15 FEB 1985	046	15:38:40	85.8	55894.8	9.3	22.3	-2.2	-63.1
2687	NSSD66	53	229	143	2266	18 FEB 1985	049	07:03:51	86.9	60486.2	-16.0	28.7	-2.4	-58.8
2688	NSSD66	54	204	148	2267	18 FEB 1985	049	16:25:18	80.5	52704.7	12.3	21.6	-2.4	-58.2
2690	NSSD66	55	232	147	2267	19 FEB 1985	050	07:04:16	85.3	60542.5	-15.9	28.7	-2.5	-57.2
2691	NSSD66	56	214	150	2268	19 FEB 1985	050	15:38:37	79.5	55787.1	9.4	22.3	-2.5	-56.6
2692	NSSD66	57	203	150	2269	20 FEB 1985	051	16:12:30	77.5	53572.5	11.5	21.8	-2.6	-54.9
2694	NSSD66	58	226	149	2269	21 FEB 1985	052	07:17:03	82.0	61087.2	-15.2	28.5	-2.6	-53.9
2695	NSSD66	59	213	155	2270	21 FEB 1985	052	15:39:51	76.3	55678.6	9.5	22.3	-2.6	-53.3
2696	NSSD66	60	234	156	2270	22 FEB 1985	053	07:18:01	80.4	61125.7	-15.2	28.5	-2.7	-52.3
2700	NSSD66	61	209	163	2274	25 FEB 1985	056	15:43:38	69.9	55304.5	9.8	22.2	-2.8	-46.8
2702	NSSD66	62	227	165	2274	26 FEB 1985	057	06:42:37	74.6	59735.4	-17.0	29.0	-2.9	-45.8
2703	NSSD66	63	204	162	2275	26 FEB 1985	057	15:44:25	68.3	55212.9	9.9	22.2	-2.9	-45.2
2708	NSSD66	64	226	170	2276	28 FEB 1985	059	06:44:55	71.5	59856.7	-16.8	29.0	-3.0	-42.6
2710	NSSD66	65	139	139	2384	16 JUN 1985	167	01:41:19	94.0	33889.1	-41.0	37.1	2.7	130.0
2714	NSSD66	66	150	108	2392	24 JUN 1985	175	02:17:19	105.8	38305.1	-36.6	35.3	3.1	142.7
2716	NSSD66	67	241	90	2392	24 JUN 1985	175	10:28:28	117.2	64632.4	-5.8	26.3	3.1	143.3
2720	NSSD66	68	238	86	2393	25 JUN 1985	176	10:27:45	118.7	64627.4	-5.8	26.3	3.2	144.9
2723	NSSD67	1	243	86	2394	26 JUN 1985	177	10:26:37	120.3	64622.8	-5.9	26.3	3.2	146.4
2724	NSSD67	2	211	77	2395	26 JUN 1985	177	15:27:44	123.0	56789.8	9.1	22.6	3.2	146.8
2725	NSSD67	3	145	100	2395	27 JUN 1985	178	02:16:26	109.5	38131.8	-36.7	35.5	3.2	147.5
2727	NSSD67	4	237	82	2395	27 JUN 1985	178	10:25:38	121.8	64617.9	-5.9	26.3	3.2	148.0
2728	NSSD67	5	210	75	2396	27 JUN 1985	178	15:27:07	124.6	56787.9	9.1	22.6	3.2	148.4
2731	NSSD67	6	238	80	2396	28 JUN 1985	179	10:24:58	123.4	64611.6	-6.0	26.3	3.3	149.6
2732	NSSD67	7	212	73	2397	28 JUN 1985	179	15:26:34	126.1	56865.5	9.0	22.6	3.3	149.9
2733	NSSD67	8	147	96	2397	29 JUN 1985	180	02:16:04	112.0	38086.3	-36.8	35.5	3.3	150.7
2734	NSSD67	9	208	70	2398	29 JUN 1985	180	15:25:50	127.6	56901.4	9.0	22.6	3.3	151.5
2735	NSSD67	10	206	67	2399	30 JUN 1985	181	15:25:02	129.2	56898.5	9.0	22.6	3.3	153.1
2738	NSSD67	11	237	74	2399	1 JUL 1985	182	10:21:59	128.1	64594.2	-6.1	26.4	3.3	154.4
2742	NSSD67	12	240	73	2400	2 JUL 1985	183	10:20:49	129.7	64587.9	-6.2	26.4	3.3	155.9
2745	NSSD67	13	229	67	2401	3 JUL 1985	184	10:20:42	131.2	64584.2	-6.2	26.4	3.4	157.5
2746	NSSD67	14	215	64	2402	3 JUL 1985	184	15:23:19	133.8	57049.2	8.8	22.6	3.4	157.9
2747	NSSD67	15	135	80	2402	4 JUL 1985	185	02:15:05	117.9	37908.1	-36.9	35.7	3.4	158.6
2749	NSSD67	16	247	70	2402	4 JUL 1985	185	10:20:07	132.8	64581.9	-6.2	26.4	3.4	159.1
2759	NSSD67	17	140	76	2406	8 JUL 1985	189	02:14:22	122.5	37686.9	-37.1	35.8	3.4	164.9
2768	NSSD67	18	236	57	2408	10 JUL 1985	191	10:15:38	142.2	64538.6	-6.4	26.5	3.4	168.6
2769	NSSD67	19	204	51	2409	10 JUL 1985	191	15:19:32	144.4	57320.9	8.6	22.6	3.4	169.0
2772	NSSD67	20	230	55	2409	11 JUL 1985	192	10:14:38	143.7	64530.6	-6.5	26.5	3.4	170.2
2773	NSSD67	21	202	49	2410	11 JUL 1985	192	15:18:43	145.9	57375.8	8.5	22.6	3.4	170.5
2774	NSSD67	22	136	70	2410	12 JUL 1985	193	02:13:20	126.8	37422.4	-37.3	36.0	3.4	171.3
2775	NSSD67	23	193	57	2410	12 JUL 1985	193	05:23:25	138.0	54699.9	-21.5	30.6	3.4	171.5
2776	NSSD67	24	239	55	2410	12 JUL 1985	193	10:13:25	145.3	64520.4	-6.5	26.5	3.4	171.8
2783	NSSD67	25	234	50	2413	15 JUL 1985	196	10:10:18	150.0	64490.2	-6.7	26.5	3.3	176.6
2787	NSSD67	26	232	49	2414	16 JUL 1985	197	10:09:13	151.5	64481.1	-6.7	26.5	3.3	178.2
2788	NSSD67	27	171	39	2415	16 JUL 1985	197	15:14:51	153.2	57665.8	8.3	22.7	3.3	178.5
2795	NSSD67	28	151	33	2417	18 JUL 1985	199	15:12:54	156.1	57791.1	8.2	22.7	3.3	-178.3
2801	NSSD67	29	124	28	2419	20 JUL 1985	201	15:11:23	158.9	57878.2	8.1	22.7	3.2	-175.2
2803	NSSD67	30	92	20	2420	21 JUL 1985	202	15:10:56	160.3	57948.4	8.0	22.7	3.2	-173.6
2806	NSSD67	31	80	19	2421	22 JUL 1985	203	15:10:25	161.6	57964.1	8.0	22.7	3.1	-172.0
2826	NSSD67	32	183	49	2451	21 AUG 1985	233	16:13:10	143.3	54595.4	11.9	21.5	1.2	-123.9

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CEN DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUB LAT	SUB LON
2830	NSSD67	33	187	52	2453	23 AUG 1985	235	16:15:07	140.3	54506.8	12.1	21.5	1.0	-120.7
2831	NSSD67	34	192	54	2454	24 AUG 1985	236	16:15:51	138.8	54508.3	12.1	21.5	0.9	-119.1
2833	NSSD67	35	174	49	2455	26 AUG 1985	238	05:45:17	142.1	55469.1	-20.1	30.1	0.7	-116.6
2838	NSSD67	36	199	62	2458	28 AUG 1985	240	16:20:23	132.7	54237.5	12.4	21.5	0.5	-112.7
2844	NSSD67	37	201	69	2461	31 AUG 1985	243	16:24:35	128.1	54011.5	12.6	21.5	0.2	-107.8
2852	NSSD67	38	203	78	2465	4 SEP 1985	247	16:30:29	121.9	53637.2	13.0	21.4	-0.1	-101.4
2856	NSSD67	39	211	81	2467	6 SEP 1985	249	15:44:47	119.9	56538.5	10.1	22.2	-0.3	-98.2
2860	NSSD67	40	126	63	2475	15 SEP 1985	258	03:29:03	112.9	44561.4	-30.0	33.0	-1.1	-84.5
2861	NSSD67	41	228	97	2475	15 SEP 1985	258	07:35:13	111.5	60868.5	-14.0	28.3	-1.1	-84.2
2862	NSSD67	42	243	104	2476	15 SEP 1985	258	12:53:15	108.4	63302.6	1.1	24.5	-1.2	-83.9
2864	NSSD67	43	246	105	2477	16 SEP 1985	259	10:58:50	108.0	64608.2	-4.3	25.8	-1.2	-82.4
2865	NSSD67	44	242	106	2478	17 SEP 1985	260	11:01:38	106.4	64606.8	-4.2	25.8	-1.3	-80.7
2866	NSSD67	45	240	108	2479	18 SEP 1985	261	11:04:31	104.7	64604.0	-4.0	25.8	-1.4	-79.1
2867	NSSD67	46	249	115	2480	19 SEP 1985	262	11:07:33	103.1	64598.8	-3.9	25.7	-1.5	-77.5
2870	NSSD67	47	235	115	2481	20 SEP 1985	263	13:06:51	100.1	63013.6	1.7	24.4	-1.6	-75.7
2882	NSSD67	48	235	129	2486	25 SEP 1985	268	13:18:01	91.9	62708.7	2.3	24.2	-2.0	-67.6
2886	NSSD67	49	239	134	2487	26 SEP 1985	269	13:20:00	90.3	62651.8	2.4	24.2	-2.1	-66.0
2892	NSSD67	50	186	136	2488	28 SEP 1985	271	03:47:17	94.1	46227.0	-28.6	32.5	-2.2	-63.4
2906	NSSD67	51	229	144	2493	3 OCT 1985	276	08:29:19	82.3	62614.7	-11.4	27.6	-2.6	-55.0
2910	NSSD67	52	221	145	2495	4 OCT 1985	277	13:38:56	77.2	62139.1	3.2	24.0	-2.6	-53.0
2915	NSSD67	53	235	158	2496	6 OCT 1985	279	08:37:19	77.3	62828.8	-11.1	27.6	-2.7	-50.1
2918	NSSD67	54	231	156	2497	7 OCT 1985	280	08:39:38	75.7	62882.5	-11.0	27.5	-2.8	-48.5
2940	NSSD67	55	246	184	2505	14 OCT 1985	287	12:19:06	61.8	63952.6	-0.7	25.0	-3.1	-36.8
2955	NSSD67	56	243	194	2510	19 OCT 1985	292	12:30:19	53.6	63774.3	-0.2	24.8	-3.3	-28.7
2961	NSSD67	57	241	198	2513	22 OCT 1985	295	12:37:26	48.7	63646.0	0.1	24.8	-3.3	-23.8
2970	NSSD67	58	233	201	2516	25 OCT 1985	298	12:43:18	43.8	63537.6	0.4	24.7	-3.4	-18.9
2974	NSSD67	59	239	208	2519	28 OCT 1985	301	12:49:05	38.9	63423.8	0.7	24.6	-3.4	-14.1
2977	NSSD67	60	234	207	2520	29 OCT 1985	302	12:50:49	37.2	63406.7	0.7	24.6	-3.4	-12.4
2988	NSSD67	61	203	212	2524	2 NOV 1985	306	16:19:37	31.2	54703.9	11.9	21.6	-3.4	-5.7
2989	NSSD67	62	194	204	2525	3 NOV 1985	307	16:23:45	29.8	54450.9	12.1	21.6	-3.3	-4.1
2991	NSSD67	63	230	211	2526	4 NOV 1985	308	13:00:53	27.5	63217.0	1.2	24.5	-3.3	-2.7
3008	NSSD67	64	195	221	2533	11 NOV 1985	315	17:04:32	21.5	51750.8	14.8	20.8	-3.1	8.9
3013	NSSD67	65	114	107	2535	13 NOV 1985	317	13:02:43	13.3	63224.1	1.3	24.4	-3.1	11.9
3014	NSSD67	66	187	210	2535	13 NOV 1985	317	17:04:44	19.8	51826.8	14.8	20.8	-3.1	12.1
3053	NSSD67	67	177	200	2551	29 NOV 1985	333	17:15:25	24.5	51421.3	15.4	20.6	-2.1	37.9
3054	NSSD67	68	193	214	2553	1 DEC 1985	335	17:12:16	26.5	51740.7	15.2	20.7	-1.9	41.1
3057	NSSD67	69	185	207	2554	2 DEC 1985	336	17:10:50	27.5	51925.0	15.0	20.7	-1.9	42.7
3063	NSSD67	70	196	217	2556	4 DEC 1985	338	17:06:58	29.8	52263.5	14.7	20.8	-1.7	45.9
3111	NSSD67	71	213	136	2713	10 MAY 1986	130	16:06:45	86.4	56996.7	11.0	22.2	-2.2	-63.7
3112	NSSD67	72	211	133	2713	11 MAY 1986	131	05:52:04	91.9	53877.1	-20.3	30.1	-2.2	-62.8
3117	NSSD67	73	205	134	2715	12 MAY 1986	132	16:01:16	83.3	57267.6	10.7	22.3	-2.3	-60.5
3118	NSSD67	74	204	136	2715	13 MAY 1986	133	05:56:00	88.8	54136.1	-20.1	30.0	-2.4	-59.5
3120	NSSD67	75	244	147	2717	14 MAY 1986	134	11:51:07	82.8	64504.0	-1.9	25.4	-2.5	-57.5
3121	NSSD67	76	218	148	2717	14 MAY 1986	134	16:05:45	80.1	57035.0	11.0	22.2	-2.5	-57.2



National Aeronautics and
Space Administration

Goddard Space Flight Center

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January 30, 1989

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Central Data Services Facility
Code 633
Goddard Space Flight Center
Greenbelt, MD 20771

Gentlemen:

Enclosed you will find five magnetic tapes containing digital polarimetry data from the Pioneer Venus Orbiter Cloud Photopolarimeter Experiment. These tapes have external labels NSSD68 - NSSD72 and use exactly the same format as that used for previously submitted tapes NSSD01 - NSSD67 (as described in the documentation accompanying the original submission). These earlier tapes are listed in your NSSDC catalog under ID 78-051A-06B. Also enclosed is an updated catalog of the polarimetry maps which identifies the tape and file number corresponding to each map.

Sincerely,

A handwritten signature in cursive script, appearing to read "Larry Travis".

Larry Travis

Enclosures

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENT DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	LONG	SUB LAT	AR LON
00005	NSSD01	1	255	129	00004	8 DEC 1978	342	20:10:05	112.9	51435.4	-35.8	34.1	-1.1	-85.5
00009	NSSD01	2	188	160	00006	10 DEC 1978	344	17:48:42	110.2	34092.8	-48.8	40.8	-1.2	-82.4
00100	NSSD01	3	202	133	00006	10 DEC 1978	344	21:58:47	109.9	58139.1	-30.8	32.1	-1.3	-82.1
00111	NSSD01	4	312	129	00007	11 DEC 1978	345	03:37:19	108.0	66806.6	-17.0	27.5	-1.3	-81.7
00112	NSSD01	5	173	120	00007	11 DEC 1978	345	12:17:20	100.3	33494.0	13.0	19.2	-1.3	-81.1
00114	NSSD01	6	285	141	00008	12 DEC 1978	346	22:18:24	107.1	58418.0	-30.6	32.0	-1.4	-78.8
00115	NSSD01	7	309	134	00009	13 DEC 1978	347	04:01:05	104.8	66739.6	-16.7	27.4	-1.5	-78.5
00116	NSSD01	8	172	128	00009	13 DEC 1978	347	12:36:43	97.1	32936.4	13.5	19.1	-1.5	-77.9
00200	NSSD01	9	167	130	00100	14 DEC 1978	348	12:49:57	95.4	32421.9	14.0	19.0	-1.6	-76.2
00211	NSSD01	10	192	174	00100	14 DEC 1978	348	18:31:13	105.8	35594.3	-47.5	39.9	-1.6	-75.9
00222	NSSD01	11	283	146	00100	14 DEC 1978	348	22:47:01	104.1	59147.8	-30.0	31.8	-1.6	-75.6
00226	NSSD01	12	285	149	00111	15 DEC 1978	349	23:05:42	102.6	59618.5	-29.7	31.7	-1.7	-73.9
00306	NSSD01	13	319	210	00300	4 JAN 1979	004	06:02:31	70.9	66865.4	-19.2	28.2	-3.0	-42.6
00308	NSSD01	14	314	214	00302	6 JAN 1979	006	06:16:13	67.8	66823.2	-19.0	28.2	-3.1	-39.3
00309	NSSD02	1	318	219	00303	7 JAN 1979	007	06:22:06	66.2	66824.5	-19.0	28.2	-3.1	-37.7
00401	NSSD02	2	317	224	00305	9 JAN 1979	009	06:32:48	63.1	66817.3	-19.0	28.2	-3.2	-34.4
00402	NSSD02	3	197	272	00400	13 JAN 1979	013	22:10:29	72.1	35957.1	-47.2	40.2	-3.3	-26.9
00506	NSSD02	4	166	209	00403	16 JAN 1979	016	16:19:00	44.2	35189.5	11.3	19.5	-3.4	-22.4
00600	NSSD02	5	267	230	00404	17 JAN 1979	017	12:38:16	45.1	56996.4	-5.2	24.1	-3.4	-21.0
00601	NSSD02	6	178	230	00404	17 JAN 1979	017	16:22:34	42.6	35253.5	11.2	19.5	-3.4	-20.8
00602	NSSD02	7	196	282	00404	17 JAN 1979	017	22:27:14	67.9	35914.4	-47.1	40.3	-3.4	-20.4
00605	NSSD02	8	272	236	00405	18 JAN 1979	018	12:43:33	43.4	56933.5	-5.2	24.1	-3.4	-19.4
00606	NSSD02	9	177	229	00405	18 JAN 1979	018	16:25:50	41.1	35425.7	11.1	19.5	-3.4	-19.2
00607	NSSD02	10	231	236	00406	19 JAN 1979	019	14:51:53	40.0	46841.2	2.3	22.0	-3.4	-17.6
00609	NSSD02	11	301	247	00408	21 JAN 1979	021	10:41:21	40.9	63501.9	-11.2	25.8	-3.4	-14.7
00701	NSSD02	12	293	244	00500	23 JAN 1979	023	10:46:50	37.8	63568.6	-11.3	25.9	-3.4	-11.4
00703	NSSD02	13	282	244	00502	25 JAN 1979	025	11:00:37	34.4	63272.0	-10.9	25.7	-3.4	-8.2
00704	NSSD02	14	292	249	00503	26 JAN 1979	026	11:03:29	32.9	63238.2	-10.9	25.7	-3.4	-6.5
00802	NSSD03	1	310	268	00509	2 FEB 1979	033	07:29:07	28.6	66564.1	-19.7	28.5	-3.2	4.6
00803	NSSD03	2	180	306	00600	2 FEB 1979	033	23:03:23	53.9	34925.8	-47.6	41.1	-3.2	5.6
00804	NSSD03	3	258	268	00600	3 FEB 1979	034	02:45:50	38.1	56683.9	-31.6	32.8	-3.2	5.9
00805	NSSD03	4	243	243	00601	3 FEB 1979	034	13:59:34	16.8	54411.9	-3.2	23.4	-3.2	6.6
00808	NSSD03	5	267	279	00601	4 FEB 1979	035	02:46:04	37.2	56678.8	-31.6	32.8	-3.2	7.5
00809	NSSD03	6	262	259	00602	4 FEB 1979	035	13:59:49	15.2	54486.8	-3.2	23.4	-3.1	8.2
00903	NSSD03	7	265	281	00603	6 FEB 1979	037	02:46:57	35.4	56576.5	-31.7	32.9	-3.1	10.7
00904	NSSD03	8	257	256	00604	6 FEB 1979	037	14:00:05	11.9	54502.4	-3.2	23.4	-3.1	11.5
00907	NSSD03	9	260	279	00604	7 FEB 1979	038	02:47:07	34.6	56576.3	-31.7	32.9	-3.0	12.3
01004	NSSD03	10	264	259	00609	11 FEB 1979	042	13:55:31	4.0	54807.3	-3.4	23.5	-2.8	19.5
01100	NSSD03	11	263	259	00701	13 FEB 1979	044	13:52:08	1.1	54973.6	-3.5	23.5	-2.7	22.7
01106	NSSD03	12	261	259	00703	15 FEB 1979	046	13:43:56	2.7	55478.5	-3.9	23.6	-2.6	25.9
01204	NSSD03	13	160	313	00709	21 FEB 1979	052	22:46:54	46.1	33826.2	-48.0	41.6	-2.2	36.2
01206	NSSD03	14	243	232	00800	22 FEB 1979	053	13:33:00	13.7	55344.6	-3.6	23.5	-2.1	37.2
01207	NSSD04	1	173	252	00800	22 FEB 1979	053	17:05:49	24.0	33623.7	13.0	18.6	-2.1	37.4
01208	NSSD04	2	159	308	00800	22 FEB 1979	053	22:45:28	46.0	34025.7	-48.0	41.5	-2.1	37.8
01209	NSSD04	3	257	286	00800	23 FEB 1979	054	02:20:14	30.2	55754.2	-32.0	33.0	-2.1	38.0
01302	NSSD04	4	154	300	00801	23 FEB 1979	054	22:42:48	46.0	33973.1	-48.0	41.5	-2.0	39.4
01304	NSSD04	5	264	255	00802	24 FEB 1979	055	13:30:12	16.9	55183.9	-3.5	23.5	-2.0	40.4
01306	NSSD04	6	266	257	00803	25 FEB 1979	056	13:25:03	18.5	55375.1	-3.6	23.5	-1.9	42.0
01308	NSSD04	7	154	300	00803	25 FEB 1979	056	22:37:17	46.2	33968.3	-48.0	41.5	-1.9	42.6
01309	NSSD04	8	256	284	00803	26 FEB 1979	057	02:09:57	31.6	55503.6	-32.1	33.1	-1.9	42.8
01400	NSSD04	9	265	254	00804	26 FEB 1979	057	13:21:27	20.1	55444.8	-3.7	23.6	-1.8	43.6
01403	NSSD04	10	254	201	00804	27 FEB 1979	058	02:04:11	32.3	55332.9	-32.2	33.1	-1.8	44.4
01404	NSSD04	11	263	253	00805	27 FEB 1979	058	13:16:36	21.6	55593.1	-3.8	23.6	-1.7	45.2
01407	NSSD04	12	199	283	00806	28 FEB 1979	059	23:56:54	39.4	44747.7	-39.8	36.5	-1.6	47.5
01409	NSSD04	13	204	289	00807	1 MAR 1979	060	23:53:40	39.8	44819.0	-39.7	36.5	-1.5	49.1

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENT DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	LONG	SUB LAT	AR LON
0153	NSSD04	14	205	285	0089	3 MAR 1979	062	23:56:11	40.4	45800.8	-39.0	36.1	-1.4	52.3
0155	NSSD05	1	212	293	0090	4 MAR 1979	063	23:52:39	41.1	45762.9	-39.0	36.1	-1.3	53.9
0157	NSSD05	2	210	291	0091	5 MAR 1979	064	23:46:07	41.9	45501.3	-39.2	36.2	-1.2	55.4
0161	NSSD05	3	206	284	0093	7 MAR 1979	066	23:37:20	43.4	45288.3	-39.4	36.2	-1.0	58.6
0163	NSSD05	4	200	280	0094	8 MAR 1979	067	23:24:48	44.6	44323.1	-40.0	36.5	-0.9	60.2
0165	NSSD05	5	299	265	0094	9 MAR 1979	068	04:47:04	37.4	64653.1	-23.3	29.7	-0.9	60.6
0166	NSSD05	6	213	235	0095	9 MAR 1979	068	15:03:41	40.7	43031.8	5.6	21.0	-0.9	61.2
0169	NSSD05	7	215	232	0097	11 MAR 1979	070	14:52:39	43.7	43453.1	5.3	21.1	-0.7	64.4
0172	NSSD05	8	207	221	0100	14 MAR 1979	073	15:01:32	48.8	42068.9	6.5	20.8	-0.4	69.2
0175	NSSD05	9	285	231	0101	15 MAR 1979	074	10:46:55	45.9	61902.0	-8.7	25.2	-0.3	70.5
0176	NSSD05	10	202	212	0101	15 MAR 1979	074	15:04:58	50.2	42391.2	6.3	20.9	-0.3	70.8
0177	NSSD05	11	232	220	0102	16 MAR 1979	075	14:15:43	50.3	47974.5	2.2	22.1	-0.2	72.3
0178	NSSD05	12	300	232	0104	18 MAR 1979	077	09:53:21	50.2	64397.6	-11.5	26.0	-0.1	75.2
0180	NSSD05	13	238	210	0107	21 MAR 1979	080	14:18:59	57.8	49859.3	0.9	22.5	0.2	80.3
0181	NSSD05	14	234	205	0109	23 MAR 1979	082	14:49:18	61.4	47842.3	2.3	22.1	0.4	83.5
0185	NSSD06	1	234	192	0113	27 MAR 1979	086	14:57:02	67.5	48740.9	1.7	22.3	0.8	89.8
0188	NSSD06	2	232	181	0117	31 MAR 1979	090	15:26:45	74.0	47705.9	2.4	22.2	1.2	96.2
0191	NSSD06	3	228	166	0121	4 APR 1979	094	15:50:06	80.4	47010.3	3.0	22.1	1.5	102.5
0192	NSSD06	4	223	148	0126	9 APR 1979	099	16:15:00	88.3	46579.3	3.2	22.0	1.9	110.5
0194	NSSD06	5	227	139	0129	12 APR 1979	102	16:22:14	93.0	47050.9	2.9	22.1	2.1	115.2
0196	NSSD06	6	227	138	0130	13 APR 1979	103	16:24:30	94.5	47248.1	2.7	22.2	2.2	116.8
0199	NSSD06	7	223	125	0133	16 APR 1979	106	16:32:02	99.2	47522.3	2.5	22.2	2.4	121.5
0201	NSSD06	8	228	122	0135	18 APR 1979	108	16:44:33	102.4	46965.0	2.6	22.2	2.5	124.7
0202	NSSD06	9	224	113	0137	20 APR 1979	110	16:49:56	105.6	47006.1	2.8	22.1	2.7	127.9
0203	NSSD06	10	225	111	0138	21 APR 1979	111	16:52:39	107.2	46995.5	2.8	22.1	2.7	129.5
0204	NSSD06	11	230	104	0141	24 APR 1979	114	17:02:02	111.9	46740.6	3.0	22.1	2.9	134.2
0205	NSSD06	12	228	101	0142	25 APR 1979	115	17:16:28	113.7	45564.7	3.8	21.8	2.9	135.8
0206	NSSD06	13	226	95	0144	27 APR 1979	117	17:28:06	117.0	44643.1	4.5	21.6	3.0	139.0
0214	NSSD06	14	175	68	0173	27 MAY 1979	147	01:48:02	137.6	49725.0	-36.0	34.8	3.2	-174.4
0215	NSSD07	1	216	54	0173	27 MAY 1979	147	06:28:18	150.1	64889.8	-22.6	29.4	3.2	-174.1
0218	NSSD07	2	140	89	0174	27 MAY 1979	147	23:48:24	129.5	37396.9	-45.0	39.3	3.2	-173.0
0219	NSSD07	3	182	55	0174	28 MAY 1979	148	03:49:05	145.2	58842.2	-29.1	31.7	3.2	-172.7
0220	NSSD07	4	203	45	0175	28 MAY 1979	148	08:42:26	155.9	66380.0	-17.1	27.6	3.2	-172.4
0223	NSSD07	5	173	64	0175	29 MAY 1979	149	02:01:07	140.8	51901.5	-34.4	34.1	3.1	-171.2
0231	NSSD07	6	174	54	0177	31 MAY 1979	151	03:16:28	147.3	58102.4	-29.6	32.2	3.1	-168.0
0232	NSSD07	7	161	36	0177	31 MAY 1979	151	08:06:46	158.8	66351.5	-17.7	27.9	3.0	-167.6
0237	NSSD07	8	140	59	0178	1 JUN 1979	152	01:23:05	142.3	50601.5	-35.3	34.6	3.0	-166.5
0241	NSSD07	9	134	60	0179	2 JUN 1979	153	01:36:23	143.2	51112.7	-35.1	34.5	3.0	-164.9
0242	NSSD07	10	136	60	0180	3 JUN 1979	154	01:39:31	143.5	50653.5	-35.4	34.6	2.9	-163.3
0243	NSSD07	11	119	36	0181	4 JUN 1979	155	06:11:03	157.2	65067.5	-22.9	29.7	2.9	-161.4
0244	NSSD07	12	127	61	0182	5 JUN 1979	156	01:47:31	144.1	49933.1	-35.9	34.8	2.8	-160.1
0245	NSSD07	13	111	35	0182	5 JUN 1979	156	06:19:11	157.9	65063.9	-22.9	29.7	2.8	-159.8
0246	NSSD07	14	231	101	0225	17 JUL 1979	198	17:25:44	113.6	47577.3	3.1	22.0	-0.7	-91.6
0248	NSSD07	15	230	103	0226	18 JUL 1979	199	17:22:32	112.1	47811.3	2.9	22.1	-0.8	-90.0
0261	NSSD07	16	231	142	0238	30 JUL 1979	211	17:28:35	92.8	47562.9	3.1	22.1	-1.9	-70.6
0262	NSSD07	17	222	152	0241	2 AUG 1979	214	17:52:45	87.6	45524.3	4.6	21.7	-2.1	-65.7
0269	NSSD08	1	238	166	0246	7 AUG 1979	219	17:07:29	80.4	50308.1	1.1	22.7	-2.5	-57.6
0303	NSSD08	2	220	282	0292	23 SEP 1979	266	04:44:09	37.6	47773.2	-36.8	35.4	-2.9	17.8
0304	NSSD08	3	221	284	0293	24 SEP 1979	267	04:53:10	37.0	47734.9	-36.8	35.4	-2.8	19.4
0305	NSSD08	4	217	279	0294	25 SEP 1979	268	05:03:58	36.5	47798.7	-36.8	35.4	-2.8	21.0
0313	NSSD08	5	324	282	0303	3 OCT 1979	276	14:10:36	14.7	66733.0	-15.1	27.2	-2.3	34.5
0422	NSSD08	6	273	254	0310	11 OCT 1979	284	11:14:03	27.7	63611.9	-23.9	30.1	-1.6	47.1
0425	NSSD08	7	285	267	0311	12 OCT 1979	285	11:19:21	28.7	63559.3	-23.9	30.1	-1.6	48.7
0428	NSSD08	8	295	276	0312	13 OCT 1979	286	11:23:42	29.8	63468.5	-24.0	30.1	-1.5	50.3
0431	NSSD08	9	291	270	0313	14 OCT 1979	287	11:31:58	30.9	63530.1	-23.9	30.1	-1.4	51.9

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK CENTER DATE	TIME DOY	S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	LONG	SUBSAR LAT	LONG
0434	NSSD08	10	294	272	0314	15 OCT 1979	288	11:32:36	32.1	63336.2	-24.1	30.2	-1.3	53.5
0437	NSSD08	11	289	267	0315	16 OCT 1979	289	11:35:29	33.3	63203.2	-24.3	30.2	-1.2	55.1
0440	NSSD08	12	292	269	0316	17 OCT 1979	290	11:38:04	34.6	63081.4	-24.4	30.3	-1.1	56.7
0445	NSSD08	13	268	269	0318	19 OCT 1979	292	10:06:42	38.7	57888.6	-29.1	32.0	-1.0	59.8
0451	NSSD08	14	277	270	0320	21 OCT 1979	294	10:45:31	40.5	59440.4	-27.8	31.5	-0.8	63.0
0453	NSSD09	1	249	259	0321	22 OCT 1979	295	09:47:21	42.8	55413.9	-31.0	32.6	-0.7	64.6
0469	NSSD09	2	232	224	0324	24 OCT 1979	297	22:51:07	46.8	48396.2	3.2	21.9	-0.4	68.6
0492	NSSD09	3	294	239	0329	30 OCT 1979	303	13:24:23	51.8	63985.6	-23.3	29.8	0.1	77.5
0495	NSSD09	4	230	203	0333	2 NOV 1979	306	23:58:55	61.2	47215.2	4.1	21.8	0.4	83.0
0496	NSSD09	5	224	234	0333	3 NOV 1979	307	09:44:27	58.2	49304.3	-35.3	34.3	0.4	83.6
0497	NSSD09	6	303	233	0333	3 NOV 1979	307	14:31:02	57.7	65242.9	-21.5	29.2	0.5	83.9
0498	NSSD09	7	301	219	0334	3 NOV 1979	307	19:41:10	59.2	63895.9	-9.5	25.6	0.5	84.3
0499	NSSD09	8	234	203	0334	4 NOV 1979	308	00:01:33	62.7	47524.9	3.9	21.8	0.5	84.5
0500	NSSD09	9	234	246	0334	4 NOV 1979	308	09:51:47	59.4	49400.9	-35.3	34.3	0.5	85.2
0501	NSSD09	10	304	230	0334	4 NOV 1979	308	14:32:52	59.1	65118.9	-21.7	29.3	0.6	85.5
0502	NSSD09	11	238	247	0335	5 NOV 1979	309	09:55:35	60.7	49208.9	-35.4	34.3	0.6	86.8
0503	NSSD09	12	229	235	0336	6 NOV 1979	310	09:58:29	61.9	48918.3	-35.6	34.4	0.7	88.4
0504	NSSD09	13	307	227	0336	6 NOV 1979	310	14:33:24	62.1	64827.0	-22.2	29.4	0.7	88.7
0505	NSSD09	14	298	209	0337	6 NOV 1979	310	19:44:21	63.8	64383.0	-10.1	25.8	0.8	89.0
0506	NSSD09	15	236	193	0337	7 NOV 1979	311	00:09:12	67.2	48458.0	3.2	22.1	0.8	89.3
0507	NSSD10	1	233	238	0337	7 NOV 1979	311	10:01:51	63.2	48657.3	-35.8	34.4	0.8	90.0
0508	NSSD10	2	302	222	0337	7 NOV 1979	311	14:34:42	63.5	64687.7	-22.4	29.5	0.8	90.3
0509	NSSD10	3	298	205	0338	7 NOV 1979	311	19:43:58	65.3	64596.2	-10.4	25.9	0.8	90.6
0510	NSSD10	4	239	192	0338	8 NOV 1979	312	00:12:22	68.8	48725.3	3.0	22.1	0.9	90.9
0511	NSSD10	5	227	229	0338	8 NOV 1979	312	10:04:06	64.5	48395.3	-36.0	34.5	0.9	91.5
0512	NSSD10	6	304	221	0338	8 NOV 1979	312	14:36:17	65.0	64566.5	-22.5	29.5	0.9	91.8
0513	NSSD10	7	305	206	0339	8 NOV 1979	312	19:45:29	66.9	64710.9	-10.6	25.9	0.9	92.2
0514	NSSD10	8	236	186	0339	9 NOV 1979	313	00:15:01	70.3	49020.4	2.8	22.2	1.0	92.5
0515	NSSD10	9	230	230	0339	9 NOV 1979	313	10:07:49	65.7	48095.7	-36.2	34.6	1.0	93.1
0516	NSSD10	10	307	218	0339	9 NOV 1979	313	14:35:44	66.4	64353.2	-22.8	29.6	1.0	93.4
0517	NSSD10	11	303	201	0340	9 NOV 1979	313	19:45:51	68.4	64879.2	-10.8	26.0	1.0	93.8
0518	NSSD10	12	238	185	0340	10 NOV 1979	314	00:17:58	71.8	49375.0	2.6	22.3	1.0	94.1
0521	NSSD10	13	241	183	0341	11 NOV 1979	315	00:21:34	73.3	49562.7	2.4	22.3	1.1	95.6
0523	NSSD10	14	301	194	0342	11 NOV 1979	315	19:49:26	71.5	65075.4	-11.1	26.1	1.2	96.9
0524	NSSD10	15	241	180	0342	12 NOV 1979	316	00:24:38	74.8	49783.2	2.2	22.4	1.2	97.2
0527	NSSD11	1	235	172	0343	13 NOV 1979	317	00:26:46	76.3	50159.0	2.0	22.5	1.3	98.8
0530	NSSD11	2	241	171	0344	14 NOV 1979	318	00:30:45	77.9	50279.7	1.9	22.5	1.4	100.4
0542	NSSD11	3	230	155	0349	19 NOV 1979	323	01:32:55	86.4	47109.1	4.1	21.9	1.8	108.4
0545	NSSD11	4	230	151	0350	20 NOV 1979	324	01:34:18	87.9	47396.9	3.9	22.0	1.9	110.0
0548	NSSD11	5	230	149	0351	21 NOV 1979	325	01:45:07	89.5	46848.6	4.3	21.9	2.0	111.6
0550	NSSD11	6	225	142	0352	22 NOV 1979	326	01:47:27	91.1	47159.3	4.1	21.9	2.0	113.1
0551	NSSD11	7	279	151	0354	23 NOV 1979	327	21:36:21	90.7	63816.5	-9.5	25.7	2.2	116.0
0558	NSSD11	8	233	121	0360	30 NOV 1979	334	02:25:52	103.7	47057.6	4.1	21.9	2.6	125.8
0559	NSSD11	9	300	135	0361	30 NOV 1979	334	22:08:39	101.7	63746.0	-9.5	25.7	2.6	127.1
0560	NSSD11	10	235	118	0361	1 DEC 1979	335	02:26:33	105.2	47355.9	3.9	22.0	2.6	127.4
0561	NSSD11	11	292	129	0362	1 DEC 1979	335	22:12:50	103.3	63722.1	-9.5	25.7	2.7	128.7
0562	NSSD11	12	228	112	0362	2 DEC 1979	336	02:27:14	106.7	47571.6	3.7	22.0	2.7	129.0
0563	NSSD11	13	298	126	0364	3 DEC 1979	337	22:21:09	106.5	63622.3	-9.4	25.6	2.8	131.9
0570	NSSD11	14	229	102	0366	6 DEC 1979	340	02:39:37	113.0	47626.9	3.6	22.0	2.9	135.3
0572	NSSD11	15	231	100	0367	7 DEC 1979	341	02:41:25	114.6	47703.6	3.6	22.0	3.0	136.9
0573	NSSD12	1	300	115	0368	7 DEC 1979	341	22:20:21	112.6	64019.5	-9.9	25.8	3.0	138.2
0574	NSSD12	2	226	96	0368	8 DEC 1979	342	02:43:12	116.2	47759.9	3.5	22.0	3.0	138.5
0575	NSSD12	3	295	111	0369	8 DEC 1979	342	22:22:08	114.2	64036.5	-10.0	25.8	3.0	139.8
0576	NSSD12	4	232	95	0369	9 DEC 1979	343	02:45:02	117.7	47818.8	3.5	22.1	3.0	140.1
0577	NSSD12	5	290	106	0370	9 DEC 1979	343	22:22:13	115.7	64107.5	-10.1	25.8	3.1	141.4

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTR DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	LONG	SUB LAT	AR LON
0578	NSSD12	6	233	92	0370	10 DEC 1979	344	02:45:56	119.3	48040.4	3.3	22.1	3.1	141.7
0579	NSSD12	7	301	108	0371	10 DEC 1979	344	22:21:56	117.2	64212.1	-10.2	25.9	3.1	143.0
0580	NSSD12	8	224	85	0371	11 DEC 1979	345	02:46:40	120.8	48165.1	3.2	22.1	3.1	143.3
0581	NSSD12	9	248	52	0394	2 JAN 1980	002	22:28:20	153.5	63289.2	-9.2	25.5	3.3	179.5
0583	NSSD12	10	167	80	0394	3 JAN 1980	003	11:21:14	130.7	42610.7	-39.9	36.9	3.3	-179.7
0584	NSSD12	11	220	62	0394	3 JAN 1980	003	15:11:33	142.7	60550.5	-26.5	31.1	3.3	-179.4
0587	NSSD12	12	89	29	0395	4 JAN 1980	004	04:19:15	156.1	35089.2	13.3	18.8	3.3	-178.6
0588	NSSD12	13	164	82	0395	4 JAN 1980	004	11:08:02	130.9	41494.8	-40.7	37.3	3.3	-178.1
0589	NSSD12	14	214	60	0395	4 JAN 1980	004	14:53:12	143.3	59802.5	-27.1	31.4	3.3	-177.9
0590	NSSD13	1	234	51	0396	4 JAN 1980	004	19:52:19	152.9	66368.1	-15.1	27.3	3.3	-177.5
0592	NSSD13	2	80	28	0396	5 JAN 1980	005	04:16:17	157.2	34973.0	13.4	18.8	3.2	-177.0
0597	NSSD13	3	66	28	0397	6 JAN 1980	006	04:12:35	158.2	34898.5	13.5	18.7	3.2	-175.4
0599	NSSD13	4	212	59	0397	6 JAN 1980	006	14:48:24	145.7	59985.7	-26.9	31.3	3.2	-174.7
0604	NSSD13	5	174	51	0398	7 JAN 1980	007	14:43:01	146.7	59961.2	-26.9	31.3	3.2	-173.1
0607	NSSD13	6	56	27	0399	8 JAN 1980	008	04:02:35	160.1	34945.6	13.5	18.7	3.2	-172.2
0608	NSSD13	7	145	74	0399	8 JAN 1980	008	10:50:35	134.3	41517.4	-40.6	37.3	3.1	-171.8
0609	NSSD13	8	199	54	0399	8 JAN 1980	008	14:35:29	147.6	59794.8	-27.0	31.4	3.1	-171.5
0610	NSSD13	9	178	38	0400	8 JAN 1980	008	19:33:29	158.3	66324.5	-15.0	27.3	3.1	-171.2
0612	NSSD13	10	39	24	0400	9 JAN 1980	009	03:55:53	161.1	35152.4	13.3	18.7	3.1	-170.6
0613	NSSD13	11	141	73	0400	9 JAN 1980	009	10:45:04	135.1	41578.2	-40.5	37.3	3.1	-170.2
0614	NSSD13	12	157	46	0400	9 JAN 1980	009	14:30:10	148.6	59876.7	-27.0	31.4	3.1	-169.9
0617	NSSD13	13	131	70	0401	10 JAN 1980	010	10:52:47	135.9	41715.4	-40.5	37.3	3.1	-168.6
0618	NSSD13	14	150	45	0401	10 JAN 1980	010	14:39:52	149.6	60153.7	-26.9	31.3	3.1	-168.3
0619	NSSD13	15	131	29	0402	10 JAN 1980	010	19:41:11	160.9	66731.2	-14.9	27.2	3.1	-168.0
0625	NSSD14	1	128	32	0403	12 JAN 1980	012	17:53:27	158.9	66207.1	-19.4	28.7	3.0	-164.9
0626	NSSD14	2	130	58	0404	13 JAN 1980	013	12:19:23	143.4	48932.8	-35.3	34.8	2.9	-163.7
0627	NSSD14	3	130	36	0404	13 JAN 1980	013	16:41:53	156.7	64418.8	-22.4	29.7	2.9	-163.4
0628	NSSD14	4	125	57	0405	14 JAN 1980	014	12:24:24	143.9	48862.6	-35.4	34.8	2.9	-162.1
0632	NSSD14	5	115	58	0407	16 JAN 1980	016	12:37:46	145.3	49035.0	-35.1	34.7	2.8	-158.9
0635	NSSD14	6	112	60	0408	17 JAN 1980	017	12:36:45	145.4	48539.0	-35.5	34.9	2.7	-157.3
0636	NSSD14	7	87	34	0408	17 JAN 1980	017	17:11:49	159.7	64651.6	-22.0	29.6	2.7	-157.0
0638	NSSD14	8	105	61	0409	18 JAN 1980	018	12:41:38	145.9	48631.3	-35.4	34.9	2.7	-155.7
0645	NSSD14	9	181	38	0422	31 JAN 1980	031	03:02:39	157.0	49536.4	2.7	21.9	1.8	-135.5
0648	NSSD14	10	218	45	0424	1 FEB 1980	032	22:44:58	156.9	64333.2	-9.9	25.7	1.6	-132.6
0649	NSSD14	11	209	45	0424	2 FEB 1980	033	03:04:51	153.8	49205.9	3.0	21.9	1.6	-132.3
0650	NSSD14	12	234	49	0425	2 FEB 1980	033	22:49:14	155.4	64140.1	-9.6	25.6	1.6	-131.0
0651	NSSD15	1	217	48	0425	3 FEB 1980	034	03:06:49	152.1	48927.6	3.2	21.8	1.5	-130.7
0652	NSSD15	2	255	53	0426	3 FEB 1980	034	22:54:08	153.8	63939.4	-9.4	25.5	1.5	-129.4
0653	NSSD15	3	220	49	0426	4 FEB 1980	035	03:09:33	150.5	48545.4	3.5	21.7	1.5	-129.1
0656	NSSD15	4	267	57	0428	5 FEB 1980	036	22:57:09	150.7	63756.8	-9.1	25.5	1.3	-126.2
0650	NSSD15	5	233	57	0430	8 FEB 1980	039	02:50:36	144.8	50941.8	1.9	22.2	1.1	-122.7
0664	NSSD15	6	240	61	0432	10 FEB 1980	041	03:02:05	141.6	50748.5	2.1	22.2	0.9	-119.5
0666	NSSD15	7	238	63	0433	11 FEB 1980	042	03:08:11	140.0	50616.8	2.2	22.2	0.8	-117.9
0668	NSSD15	8	239	65	0434	12 FEB 1980	043	03:13:32	138.4	50613.5	2.2	22.2	0.7	-116.3
0672	NSSD15	9	290	76	0437	14 FEB 1980	045	23:27:09	136.6	64267.7	-9.4	25.6	0.5	-111.7
0673	NSSD15	10	238	71	0437	15 FEB 1980	046	03:31:07	133.5	50166.8	2.6	22.1	0.4	-111.4
0676	NSSD15	11	294	81	0439	16 FEB 1980	047	23:39:59	133.4	64164.8	-9.3	25.6	0.3	-108.5
0677	NSSD15	12	244	77	0439	17 FEB 1980	048	03:42:27	130.2	49974.2	2.7	22.1	0.3	-108.2
0678	NSSD15	13	297	84	0440	17 FEB 1980	048	23:46:25	131.7	64071.6	-9.2	25.5	0.2	-106.8
0679	NSSD15	14	237	77	0440	18 FEB 1980	049	03:48:09	128.6	49811.8	2.9	22.1	0.2	-106.6
0683	NSSD16	1	240	83	0442	20 FEB 1980	051	03:59:21	125.4	49585.4	3.0	22.1	0.0	-103.3
0685	NSSD16	2	212	150	0459	8 MAR 1980	068	13:51:53	105.3	41164.2	-40.6	36.6	-1.6	-75.2
0686	NSSD16	3	295	144	0459	8 MAR 1980	068	18:00:29	103.2	60986.6	-25.7	30.6	-1.6	-74.9
0687	NSSD16	4	318	144	0460	8 MAR 1980	068	23:07:03	100.7	66411.7	-13.5	26.8	-1.7	-74.6
0688	NSSD16	5	270	139	0460	9 MAR 1980	069	03:44:52	97.7	55623.1	-1.4	23.5	-1.7	-74.3

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	LONG	SUB LAT	AR LONG
0690	NSSD16	6	211	152	0460	9 MAR 1980	069	13:48:22	104.1	40536.6	-41.0	36.8	-1.7	-73.6
0691	NSSD16	7	297	147	0460	9 MAR 1980	069	18:06:58	101.7	61153.3	-25.5	30.6	-1.7	-73.3
0693	NSSD16	8	267	141	0461	10 MAR 1980	070	03:50:33	96.0	55368.7	-1.3	23.4	-1.8	-72.6
0694	NSSD16	9	174	138	0461	10 MAR 1980	070	07:21:13	91.6	33714.7	15.3	18.8	-1.8	-72.4
0695	NSSD16	10	211	155	0461	10 MAR 1980	070	13:54:38	102.8	40956.4	-40.7	36.7	-1.8	-72.0
0696	NSSD16	11	295	149	0461	10 MAR 1980	070	18:14:57	100.2	61398.5	-25.3	30.5	-1.8	-71.7
0697	NSSD16	12	318	151	0462	10 MAR 1980	070	23:20:43	97.4	66306.2	-13.2	26.8	-1.8	-71.3
0698	NSSD16	13	267	144	0462	11 MAR 1980	071	03:57:08	94.3	55038.9	-1.0	23.4	-1.8	-71.0
0699	NSSD16	14	176	144	0462	11 MAR 1980	071	07:23:09	90.1	33755.6	15.3	18.8	-1.9	-70.8
0700	NSSD16	15	215	160	0462	11 MAR 1980	071	13:59:26	101.5	41247.0	-40.5	36.6	-1.9	-70.3
0701	NSSD17	1	298	154	0462	11 MAR 1980	071	18:21:03	98.6	61605.9	-25.1	30.4	-1.9	-70.0
0703	NSSD17	2	269	149	0463	12 MAR 1980	072	03:59:40	92.7	55083.5	-1.1	23.4	-1.9	-69.4
0704	NSSD17	3	176	148	0463	12 MAR 1980	072	07:27:01	88.5	33543.4	15.5	18.8	-1.9	-69.1
0705	NSSD17	4	251	155	0463	12 MAR 1980	072	15:37:28	99.0	50892.5	-33.6	33.5	-2.0	-68.6
0706	NSSD17	5	314	158	0463	12 MAR 1980	072	20:16:20	96.1	65396.5	-20.5	28.9	-2.0	-68.3
0707	NSSD17	6	303	154	0464	13 MAR 1980	073	01:24:17	93.0	63413.6	-8.5	25.4	-2.0	-67.9
0708	NSSD17	7	233	150	0464	13 MAR 1980	073	05:38:12	89.6	46902.8	4.9	21.8	-2.0	-67.6
0713	NSSD17	8	241	167	0466	15 MAR 1980	075	15:08:24	95.3	47661.0	-35.9	34.4	-2.2	-63.8
0715	NSSD17	9	241	170	0467	16 MAR 1980	076	15:12:45	94.0	47897.3	-35.7	34.4	-2.3	-62.1
0716	NSSD17	10	307	169	0467	16 MAR 1980	076	19:43:40	90.3	64297.5	-22.1	29.5	-2.3	-61.8
0717	NSSD17	11	239	171	0468	17 MAR 1980	077	15:15:13	92.6	47964.0	-35.7	34.4	-2.3	-60.5
0718	NSSD17	12	310	173	0468	17 MAR 1980	077	19:48:39	88.8	64391.8	-22.0	29.4	-2.3	-60.2
0719	NSSD17	13	243	177	0469	18 MAR 1980	078	15:17:50	91.2	47996.2	-35.7	34.4	-2.4	-58.9
0720	NSSD17	14	310	177	0469	18 MAR 1980	078	19:49:59	87.3	64369.1	-22.0	29.4	-2.4	-58.6
0721	NSSD17	15	243	180	0470	19 MAR 1980	079	15:19:24	89.9	48029.3	-35.6	34.4	-2.5	-57.3
0722	NSSD18	1	308	178	0470	19 MAR 1980	079	19:52:40	85.7	64399.7	-22.0	29.4	-2.5	-56.9
0724	NSSD18	2	239	172	0471	20 MAR 1980	080	05:32:00	78.6	48749.3	3.5	22.2	-2.5	-56.3
0728	NSSD18	3	311	186	0472	21 MAR 1980	081	19:58:04	82.6	64470.4	-21.9	29.4	-2.6	-53.7
0729	NSSD18	4	244	191	0473	22 MAR 1980	082	15:25:59	85.8	48093.5	-35.6	34.4	-2.7	-52.4
0730	NSSD18	5	305	186	0473	22 MAR 1980	082	20:00:59	81.1	64479.0	-21.9	29.4	-2.7	-52.1
0731	NSSD18	6	245	206	0478	27 MAR 1980	087	15:34:52	79.1	48087.0	-35.6	34.4	-2.9	-44.2
0733	NSSD18	7	247	209	0557	14 JUN 1980	166	06:54:00	60.3	49686.7	3.6	22.0	0.4	82.3
0734	NSSD18	8	231	253	0557	14 JUN 1980	166	16:45:22	57.5	47274.7	-35.5	34.6	0.4	83.0
0735	NSSD18	9	303	217	0558	15 JUN 1980	167	02:20:35	58.3	65170.5	-10.0	25.9	0.4	83.6
0736	NSSD18	10	248	207	0558	15 JUN 1980	167	06:56:20	61.8	50033.1	3.4	22.1	0.5	83.9
0740	NSSD18	11	225	241	0559	16 JUN 1980	168	16:51:51	60.0	46684.7	-35.9	34.7	0.6	86.1
0742	NSSD18	12	303	212	0560	17 JUN 1980	169	02:54:27	61.7	64573.1	-9.1	25.6	0.6	86.8
0743	NSSD18	13	238	197	0560	17 JUN 1980	169	07:22:36	65.2	48755.8	4.3	21.9	0.6	87.1
0744	NSSD18	14	231	112	0587	14 JUL 1980	196	10:07:30	108.0	46590.2	5.8	21.6	2.7	130.0
0747	NDDD18	15	296	123	0589	16 JUL 1980	198	05:46:15	107.6	63807.5	-8.3	25.5	2.8	132.8
0748	NSSD19	1	226	104	0589	16 JUL 1980	198	10:07:42	111.0	47284.3	5.2	21.7	2.8	133.1
0749	NSSD19	2	230	103	0590	17 JUL 1980	199	10:18:35	112.7	46575.4	5.7	21.6	2.9	134.7
0750	NSSD19	3	298	118	0591	18 JUL 1980	200	06:01:23	110.8	63523.0	-8.0	25.4	2.9	136.0
0751	NSSD19	4	232	101	0591	18 JUL 1980	200	10:21:51	114.2	46560.6	5.8	21.6	2.9	136.3
0752	NSSD19	5	294	113	0592	19 JUL 1980	201	06:04:34	112.4	63527.0	-8.0	25.4	3.0	137.6
0753	NSSD19	6	232	98	0592	19 JUL 1980	201	10:26:34	115.8	46405.0	5.9	21.5	3.0	137.9
0754	NSSD19	7	291	110	0593	20 JUL 1980	202	06:06:33	114.0	63556.2	-8.0	25.4	3.0	139.2
0755	NSSD19	8	229	93	0593	20 JUL 1980	202	10:27:14	117.4	46602.4	5.7	21.6	3.0	139.5
0757	NSSD19	9	231	92	0594	21 JUL 1980	203	10:31:17	118.9	46517.5	5.8	21.6	3.1	141.1
0759	NSSD19	10	230	88	0595	22 JUL 1980	204	10:19:49	120.3	47953.1	4.7	21.8	3.1	142.6
0760	NSSD19	11	295	103	0596	23 JUL 1980	205	06:00:46	118.5	64046.0	-8.7	25.6	3.1	143.9
0761	NSSD19	12	233	87	0596	23 JUL 1980	205	10:21:35	121.9	48044.9	4.7	21.9	3.1	144.2
0762	NSSD19	13	291	99	0597	24 JUL 1980	206	06:01:47	120.0	64107.9	-8.7	25.6	3.2	145.5
0763	NSSD19	14	233	85	0597	24 JUL 1980	206	10:23:19	123.5	48103.3	4.6	21.9	3.2	145.8
0764	NSSD19	15	299	99	0598	25 JUL 1980	207	06:02:27	121.6	64158.2	-8.8	25.6	3.2	147.1

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK CENTER DATE	TIME DOY	S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
0765	NSSD19	16	232	82	0598	25 JUL 1980	207	10:24:50	125.0	48294.8	4.5	21.9	3.2	147.4
0768	NSSD19	17	296	94	0600	27 JUL 1980	209	06:11:42	124.7	64295.6	-9.0	25.7	3.3	150.3
0769	NSSD19	18	225	75	0600	27 JUL 1980	209	10:35:45	128.2	48542.7	4.3	21.9	3.3	150.6
0776	NSSD20	1	297	84	0604	31 JUL 1980	213	06:36:42	131.3	63505.5	-8.0	25.4	3.3	156.7
0777	NSSD20	2	225	67	0604	31 JUL 1980	213	10:52:23	134.6	47037.7	5.4	21.6	3.4	156.9
0778	NSSD20	3	297	82	0605	1 AUG 1980	214	06:39:11	132.9	63540.1	-8.1	25.4	3.4	158.2
0780	NSSD20	4	297	80	0606	2 AUG 1980	215	06:40:11	134.4	63596.6	-8.1	25.4	3.4	159.8
0781	NSSD20	5	225	63	0606	2 AUG 1980	215	10:57:04	137.7	47199.7	5.3	21.6	3.4	160.1
0782	NSSD20	6	297	79	0607	3 AUG 1980	216	06:41:31	136.0	63652.7	-8.2	25.4	3.4	161.4
0783	NSSD20	7	226	61	0607	3 AUG 1980	216	10:58:54	139.2	47366.5	5.2	21.6	3.4	161.7
0784	NSSD20	8	299	77	0608	4 AUG 1980	217	06:42:17	137.5	63696.7	-8.3	25.4	3.4	163.0
0785	NSSD20	9	223	59	0608	4 AUG 1980	217	11:00:21	140.8	47396.9	5.2	21.6	3.4	163.3
0786	NSSD20	10	296	74	0609	5 AUG 1980	218	06:43:02	139.1	63752.2	-8.3	25.4	3.4	164.6
0787	NSSD20	11	225	58	0609	5 AUG 1980	218	11:01:58	142.3	47563.3	5.0	21.6	3.4	164.9
0788	NSSD20	12	221	56	0610	6 AUG 1980	219	11:03:34	143.9	47657.5	5.0	21.6	3.4	166.5
0789	NSSD20	13	293	71	0611	7 AUG 1980	220	06:44:45	142.2	63894.6	-8.5	25.5	3.4	167.8
0790	NSSD21	1	220	53	0611	7 AUG 1980	220	11:05:04	145.5	47720.2	4.9	21.6	3.4	168.1
0791	NSSD21	2	288	67	0612	8 AUG 1980	221	06:45:35	143.7	63947.6	-8.5	25.5	3.4	169.4
0792	NSSD21	3	216	51	0612	8 AUG 1980	221	11:06:41	147.0	47884.5	4.8	21.6	3.4	169.6
0809	NSSD21	4	154	82	0620	16 AUG 1980	229	19:49:37	130.7	39244.8	-41.4	37.9	3.2	-177.1
0810	NSSD21	5	206	56	0620	17 AUG 1980	230	00:05:27	145.3	60470.6	-25.4	30.9	3.2	-176.8
0813	NSSD21	6	66	28	0621	17 AUG 1980	230	13:34:08	156.0	33303.3	16.5	18.0	3.2	-175.9
0814	NSSD21	7	145	78	0621	17 AUG 1980	230	19:51:54	131.4	39109.6	-41.5	37.9	3.2	-175.5
0815	NSSD21	8	204	55	0621	18 AUG 1980	231	00:07:01	146.4	60413.4	-25.5	31.0	3.2	-175.2
0817	NSSD21	9	64	29	0622	18 AUG 1980	231	13:36:22	156.9	33401.4	16.4	18.0	3.2	-174.3
0818	NSSD21	10	139	76	0622	18 AUG 1980	231	19:54:07	132.3	39149.4	-41.4	37.9	3.2	-173.9
0820	NSSD21	11	55	31	0623	19 AUG 1980	232	13:38:33	157.8	33550.1	16.3	18.0	3.2	-172.7
0821	NSSD21	12	145	78	0623	19 AUG 1980	232	19:56:19	133.0	39014.1	-41.5	38.0	3.2	-172.3
0822	NSSD21	13	204	54	0623	20 AUG 1980	233	00:09:50	148.5	60227.2	-25.6	31.0	3.2	-172.0
0825	NSSD21	14	41	29	0624	20 AUG 1980	233	13:40:51	158.6	33647.6	16.2	18.1	3.1	-171.1
0826	NSSD22	1	140	76	0624	20 AUG 1980	233	19:58:42	133.7	38922.3	-41.6	38.0	3.1	-170.7
0827	NSSD22	2	157	44	0624	21 AUG 1980	234	00:11:26	149.5	60187.0	-25.6	31.0	3.1	-170.4
0828	NSSD22	3	146	31	0625	21 AUG 1980	234	05:08:16	160.1	66497.3	-13.7	27.0	3.1	-170.1
0830	NSSD22	4	133	74	0625	21 AUG 1980	234	20:00:51	134.4	38830.2	-41.7	38.1	3.1	-169.1
0831	NSSD22	5	166	46	0625	22 AUG 1980	235	00:12:42	150.4	60092.6	-25.7	31.1	3.1	-168.8
0832	NSSD22	6	121	26	0626	22 AUG 1980	235	05:09:15	161.3	66507.1	-13.7	27.1	3.1	-168.5
0834	NSSD22	7	34	32	0626	22 AUG 1980	235	13:45:15	159.9	33741.2	16.2	18.0	3.1	-167.9
0835	NSSD22	8	127	73	0626	22 AUG 1980	235	20:03:16	135.1	38826.4	-41.7	38.1	3.0	-167.5
0836	NSSD22	9	161	45	0626	23 AUG 1980	236	00:14:32	151.3	60034.0	-25.7	31.1	3.0	-167.2
0837	NSSD22	10	112	24	0627	23 AUG 1980	236	05:10:48	162.5	66514.1	-13.8	27.1	3.0	-166.9
0841	NSSD22	11	141	43	0627	24 AUG 1980	237	00:28:44	152.7	60597.0	-25.2	30.9	3.0	-165.6
0844	NSSD22	12	32	35	0628	24 AUG 1980	237	13:49:56	160.8	33935.3	16.1	18.1	3.0	-164.7
0845	NSSD22	13	122	72	0628	24 AUG 1980	237	20:08:11	136.4	38774.8	-41.7	38.1	3.0	-164.3
0846	NSSD22	14	135	41	0628	25 AUG 1980	238	00:18:10	152.9	59952.9	-25.8	31.1	2.9	-164.0
0849	NSSD23	1	38	39	0629	25 AUG 1980	238	13:52:15	161.0	33931.8	16.1	18.1	2.9	-163.1
0850	NSSD23	2	111	69	0629	25 AUG 1980	238	20:10:38	136.8	38594.2	-41.8	38.2	2.9	-162.7
0852	NSSD23	3	118	58	0630	26 AUG 1980	239	21:25:35	143.8	46704.4	-35.8	35.2	2.9	-161.0
0853	NSSD23	4	98	28	0630	27 AUG 1980	240	02:05:13	158.9	64107.6	-21.4	29.5	2.8	-160.7
0854	NSSD23	5	112	57	0631	27 AUG 1980	240	21:27:48	144.3	46596.0	-35.9	35.2	2.8	-159.4
0855	NSSD23	6	96	30	0631	28 AUG 1980	241	02:06:31	159.5	64048.9	-21.4	29.6	2.8	-159.1
0856	NSSD23	7	110	61	0632	28 AUG 1980	241	21:29:22	144.7	46522.5	-35.9	35.2	2.7	-157.8
0857	NSSD23	8	89	30	0632	29 AUG 1980	242	02:06:58	159.9	63956.4	-21.6	29.6	2.7	-157.5
0859	NSSD23	9	77	32	0633	30 AUG 1980	243	02:08:03	160.4	63930.3	-21.6	29.6	2.7	-155.9
0861	NSSD23	10	73	32	0634	31 AUG 1980	244	02:09:02	160.6	63858.9	-21.6	29.6	2.6	-154.3
0862	NSSD23	11	93	59	0635	31 AUG 1980	244	21:35:21	145.6	46230.9	-36.1	35.3	2.6	-153.0

POLAR METRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK CENTER DATE	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT LON	SUN LAT LON
0863	NSSD23	12	65	33	0635	1 SEP 1980	245 02:10:44	160.7	63786.7	-21.7 29.7	2.6 -152.7
0864	NSSD23	13	86	59	0636	1 SEP 1980	245 21:38:11	145.9	46263.3	-36.1 35.3	2.5 -151.4
0865	NSSD23	14	65	32	0636	2 SEP 1980	246 02:13:32	160.8	63795.0	-21.7 29.6	2.5 -151.1
0867	NSSD24	1	62	35	0637	3 SEP 1980	247 02:15:14	160.7	63768.7	-21.7 29.7	2.4 -149.5
0868	NSSD24	2	78	71	0638	3 SEP 1980	247 21:42:53	146.0	46080.1	-36.2 35.3	2.4 -148.2
0869	NSSD24	3	63	33	0638	4 SEP 1980	248 02:16:56	160.4	63695.8	-21.8 29.7	2.4 -147.9
0885	NSSD24	4	183	38	0646	11 SEP 1980	255 12:09:05	157.5	50778.7	3.3 22.0	1.8 -136.1
0887	NSSD24	5	194	41	0647	12 SEP 1980	256 12:11:15	155.9	50837.0	3.3 22.0	1.7 -134.5
0889	NSSD24	6	207	44	0648	13 SEP 1980	257 12:13:32	154.4	50955.0	3.2 22.0	1.6 -132.9
0891	NSSD24	7	214	46	0649	14 SEP 1980	258 12:15:42	152.9	51013.3	3.2 22.1	1.6 -131.2
0893	NSSD24	8	217	48	0650	15 SEP 1980	259 12:17:54	151.3	51071.4	3.2 22.1	1.5 -129.6
0895	NSSD24	9	222	51	0651	16 SEP 1980	260 12:20:22	149.8	51070.2	3.2 22.1	1.4 -128.0
0897	NSSD24	10	227	52	0652	17 SEP 1980	261 12:22:49	148.2	51128.5	3.2 22.1	1.3 -126.4
0899	NSSD24	11	229	54	0653	18 SEP 1980	262 12:25:24	146.6	51101.2	3.2 22.1	1.2 -124.8
0901	NSSD24	12	232	56	0654	19 SEP 1980	263 12:27:58	145.1	51190.2	3.1 22.1	1.1 -123.2
0903	NSSD24	13	232	58	0655	20 SEP 1980	264 12:30:31	143.5	51160.1	3.2 22.1	1.0 -121.6
0905	NSSD24	14	227	59	0656	21 SEP 1980	265 12:57:46	141.2	49034.8	4.8 21.7	0.9 -120.0
0907	NSSD25	1	230	62	0657	22 SEP 1980	266 13:00:29	139.7	49002.5	4.8 21.7	0.9 -118.4
0909	NSSD25	2	227	63	0658	23 SEP 1980	267 13:03:15	138.1	48970.2	4.8 21.7	0.8 -116.7
0911	NSSD25	3	230	65	0659	24 SEP 1980	268 13:06:04	136.5	48970.2	4.9 21.7	0.7 -115.1
0915	NSSD25	4	233	69	0661	26 SEP 1980	270 13:12:17	133.3	48938.2	4.9 21.7	0.5 -111.9
0917	NSSD25	5	237	73	0662	27 SEP 1980	271 13:15:09	131.8	48906.3	4.9 21.7	0.4 -110.3
0919	NSSD25	6	242	75	0663	28 SEP 1980	272 13:18:01	130.2	48878.0	5.0 21.7	0.3 -108.7
0921	NSSD25	7	242	79	0664	29 SEP 1980	273 13:21:14	128.6	48847.1	5.0 21.7	0.2 -107.1
0923	NSSD25	8	241	80	0665	30 SEP 1980	274 13:24:21	127.0	48847.7	5.0 21.7	0.1 -105.4
0925	NSSD25	9	239	82	0666	1 OCT 1980	275 13:27:37	125.4	48783.6	5.1 21.7	0.0 -103.8
0927	NSSD25	10	242	86	0667	2 OCT 1980	276 13:30:42	123.8	48751.9	5.1 21.7	-0.1 -102.2
0929	NSSD25	11	243	89	0668	3 OCT 1980	277 13:33:51	122.2	48720.4	5.1 21.7	-0.2 -100.6
0931	NSSD25	12	238	90	0669	4 OCT 1980	278 13:37:03	120.6	48623.7	5.2 21.7	-0.3 -99.0
0933	NSSD25	13	241	93	0670	5 OCT 1980	279 13:40:14	119.0	48592.0	5.2 21.7	-0.4 -97.4
0935	NSSD26	1	244	97	0671	6 OCT 1980	280 13:43:27	117.4	48560.3	5.2 21.7	-0.5 -95.8
0937	NSSD26	2	242	102	0673	8 OCT 1980	282 13:49:57	114.2	48468.5	5.3 21.8	-0.7 -92.5
0939	NSSD26	3	242	106	0674	9 OCT 1980	283 13:53:17	112.6	48338.3	5.4 21.7	-0.8 -90.9
0941	NSSD26	4	240	107	0675	10 OCT 1980	284 13:56:36	111.0	48339.3	5.4 21.7	-0.9 -89.3
0943	NSSD26	5	241	111	0676	11 OCT 1980	285 13:59:55	109.4	48274.4	5.5 21.7	-0.9 -87.7
0945	NSSD26	6	242	114	0677	12 OCT 1980	286 14:03:19	107.8	48143.2	5.6 21.7	-1.0 -86.0
0946	NSSD26	7	311	122	0678	13 OCT 1980	287 09:21:39	110.0	64651.1	-8.9 25.7	-1.1 -84.7
0947	NSSD26	8	239	116	0678	13 OCT 1980	287 14:06:37	106.2	48111.1	5.6 21.7	-1.1 -84.4
0949	NSSD26	9	239	120	0679	14 OCT 1980	288 14:10:16	104.6	47979.0	5.7 21.7	-1.2 -82.8
0950	NSSD26	10	307	127	0680	15 OCT 1980	289 09:29:53	106.8	64566.6	-8.8 25.7	-1.3 -81.5
0953	NSSD26	11	238	126	0681	16 OCT 1980	290 14:16:52	101.4	47914.1	5.7 21.7	-1.4 -79.5
0954	NSSD26	12	129	147	0681	16 OCT 1980	290 17:28:35	93.9	22070.5	29.7 14.4	-1.4 -79.3
0957	NSSD26	13	274	132	0682	17 OCT 1980	291 12:41:01	101.4	55796.8	-0.2 23.3	-1.5 -78.0
0958	NSSD26	14	171	129	0682	17 OCT 1980	291 16:26:08	96.2	32797.6	17.9 18.3	-1.5 -77.8
0959	NSSD27	1	190	149	0682	17 OCT 1980	291 22:20:18	107.1	36546.5	-43.4 38.1	-1.5 -77.4
0960	NSSD27	2	283	137	0682	18 OCT 1980	292 02:10:01	105.6	57833.4	-27.3 31.3	-1.5 -77.1
0962	NSSD27	3	275	135	0683	18 OCT 1980	292 12:44:42	99.7	55749.7	-0.2 23.3	-1.6 -76.4
0963	NSSD27	4	174	136	0683	18 OCT 1980	292 16:29:07	94.7	32695.0	18.0 18.3	-1.6 -76.2
0965	NSSD27	5	283	141	0683	19 OCT 1980	293 02:13:39	104.1	57876.5	-27.2 31.3	-1.6 -75.5
0966	NSSD27	6	318	141	0684	19 OCT 1980	293 07:37:53	101.5	66514.6	-13.7 27.1	-1.6 -75.1
0967	NSSD27	7	272	138	0684	19 OCT 1980	293 12:48:11	98.1	55654.2	-0.1 23.3	-1.7 -74.8
0970	NSSD27	8	281	143	0684	20 OCT 1980	294 02:17:18	102.6	57961.5	-27.2 31.3	-1.7 -73.9
0971	NSSD27	9	315	143	0685	20 OCT 1980	294 07:41:57	99.9	66507.3	-13.6 27.1	-1.7 -73.5
0972	NSSD27	10	268	140	0685	20 OCT 1980	294 12:51:55	96.5	55606.7	-0.1 23.3	-1.7 -73.2
0973	NSSD27	11	174	143	0685	20 OCT 1980	294 16:35:01	91.6	32540.7	18.1 18.2	-1.7 -72.9

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK CENTER DATE	DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	LONG	SUB LAT	LONG
0975	NSSD27	12	280	145	0685	21 OCT 1980	295	02:21:17	101.2	58046.2	-27.1	31.2	-1.8	-72.2
0976	NSSD27	13	319	148	0686	21 OCT 1980	295	07:46:16	98.2	66497.6	-13.5	27.0	-1.8	-71.9
0977	NSSD27	14	269	142	0686	21 OCT 1980	295	12:55:38	94.8	55534.7	0.0	23.3	-1.8	-71.5
0978	NSSD28	1	173	145	0686	21 OCT 1980	295	16:37:58	90.2	32696.5	18.0	18.3	-1.8	-71.3
0981	NSSD28	2	319	151	0687	22 OCT 1980	296	07:50:20	96.6	66490.9	-13.5	27.0	-1.9	-70.3
0982	NSSD28	3	263	143	0687	22 OCT 1980	296	12:59:13	93.2	55438.1	0.0	23.3	-1.9	-69.9
0983	NSSD28	4	172	148	0687	22 OCT 1980	296	16:40:54	88.6	32593.5	18.1	18.3	-1.9	-69.7
0985	NSSD28	5	285	154	0687	23 OCT 1980	297	02:28:51	98.2	58151.2	-27.0	31.2	-1.9	-69.0
0986	NSSD28	6	314	152	0688	23 OCT 1980	297	07:54:30	95.0	66481.7	-13.4	27.0	-2.0	-68.6
0987	NSSD28	7	269	150	0688	23 OCT 1980	297	13:03:00	91.6	55318.6	0.1	23.3	-2.0	-68.3
0989	NSSD28	8	286	157	0688	24 OCT 1980	298	02:32:57	96.7	58254.3	-26.9	31.2	-2.0	-67.4
0991	NSSD28	9	272	154	0689	24 OCT 1980	298	13:06:52	89.9	55295.1	0.1	23.3	-2.1	-66.7
0992	NSSD28	10	169	153	0689	24 OCT 1980	298	16:46:59	85.6	32446.2	18.2	18.2	-2.1	-66.4
0995	NSSD28	11	226	120	0690	25 OCT 1980	299	08:03:23	91.8	66458.8	-13.3	27.0	-2.1	-65.4
0997	NSSD28	12	234	158	0691	26 OCT 1980	300	14:51:05	85.2	46938.9	6.4	21.6	-2.2	-63.3
0998	NSSD28	13	231	160	0692	27 OCT 1980	301	14:54:25	83.6	46938.9	6.4	21.6	-2.3	-61.7
0999	NSSD28	14	234	165	0693	28 OCT 1980	302	14:57:42	82.0	46869.6	6.4	21.6	-2.4	-60.0
1000	NSSD29	1	233	168	0694	29 OCT 1980	303	15:01:04	80.3	46730.6	6.5	21.6	-2.4	-58.4
1002	NSSD29	2	223	170	0696	31 OCT 1980	305	15:07:41	77.1	46621.3	6.6	21.5	-2.6	-55.2
1003	NSSD29	3	227	173	0697	1 NOV 1980	306	15:10:53	75.5	46549.9	6.6	21.5	-2.6	-53.5
1004	NSSD29	4	228	179	0698	2 NOV 1980	307	15:14:14	73.9	46444.0	6.7	21.5	-2.7	-51.9
1005	NSSD29	5	229	183	0699	3 NOV 1980	308	15:17:45	72.2	46372.8	6.8	21.5	-2.7	-50.3
1006	NSSD29	6	228	185	0700	4 NOV 1980	309	15:20:47	70.6	46336.5	6.8	21.5	-2.8	-48.6
1007	NSSD29	7	227	188	0701	5 NOV 1980	310	15:23:56	69.0	46264.9	6.8	21.4	-2.8	-47.0
1008	NSSD29	8	224	188	0702	6 NOV 1980	311	15:27:17	67.4	46122.0	6.9	21.4	-2.9	-45.4
1009	NSSD29	9	228	198	0704	8 NOV 1980	313	15:33:42	64.2	46047.7	7.0	21.4	-3.0	-42.1
1010	NSSD29	10	226	200	0705	9 NOV 1980	314	15:36:50	62.6	45974.9	7.0	21.4	-3.0	-40.5
1011	NSSD29	11	226	202	0706	10 NOV 1980	315	15:40:00	60.9	45830.0	7.1	21.3	-3.1	-38.9
1021	NSSD29	12	295	232	0719	23 NOV 1980	328	11:34:59	43.4	63754.0	-7.9	25.4	-3.4	-18.0
1024	NSSD29	13	232	238	0721	25 NOV 1980	330	15:58:45	37.1	47916.7	5.6	21.6	-3.4	-14.5
1026	NSSD30	1	246	254	0722	27 NOV 1980	332	02:15:42	51.9	50686.6	-32.8	33.7	-3.4	-12.2
1028	NSSD30	2	225	191	0723	28 NOV 1980	333	08:02:23	39.8	66218.0	-16.8	28.1	-3.4	-10.1
1032	NSSD30	3	242	259	0726	1 DEC 1980	336	02:28:03	47.0	50819.9	-32.7	33.7	-3.4	-5.7
1036	NSSD30	4	238	261	0729	4 DEC 1980	339	02:37:08	43.6	50868.0	-32.6	33.7	-3.3	-0.8
1038	NSSD30	5	235	264	0730	5 DEC 1980	340	02:31:17	43.0	50107.5	-33.2	33.9	-3.3	0.8
1039	NSSD30	6	295	256	0730	5 DEC 1980	340	07:06:22	31.8	64882.6	-19.8	29.0	-3.3	1.1
1044	NSSD30	7	235	265	0733	8 DEC 1980	343	02:48:11	39.4	50821.1	-32.6	33.7	-3.2	5.7
1048	NSSD30	8	244	270	0736	11 DEC 1980	346	03:25:59	35.0	53139.6	-30.9	33.1	-3.1	10.6
1051	NSSD30	9	248	276	0738	13 DEC 1980	348	03:30:55	33.3	53077.4	-30.9	33.1	-3.0	13.8
1054	NSSD30	10	243	273	0740	15 DEC 1980	350	03:35:14	31.9	52988.1	-31.0	33.1	-2.9	17.1
1055	NSSD30	11	225	248	0741	15 DEC 1980	350	16:55:06	9.6	47697.8	6.1	21.3	-2.9	17.9
1056	NSSD30	12	234	276	0742	17 DEC 1980	352	03:14:29	32.3	50815.7	-32.5	33.7	-2.8	20.3
1058	NSSD30	13	282	248	0743	17 DEC 1980	352	12:42:46	6.4	63627.2	-7.5	25.3	-2.8	20.9
1059	NSSD30	14	230	250	0743	17 DEC 1980	352	16:58:33	8.7	47957.1	5.9	21.4	-2.8	21.2
1060	NSSD31	1	234	278	0743	18 DEC 1980	353	03:16:56	31.8	50752.5	-32.6	33.8	-2.8	21.9
1062	NSSD31	2	285	254	0744	18 DEC 1980	353	12:43:57	5.6	63680.7	-7.6	25.3	-2.7	22.5
1063	NSSD31	3	226	247	0744	18 DEC 1980	353	17:00:04	8.7	48019.9	5.9	21.4	-2.7	22.8
1066	NSSD31	4	303	263	0745	19 DEC 1980	354	10:52:55	9.9	66107.1	-12.2	26.7	-2.7	24.0
1067	NSSD31	5	255	253	0745	19 DEC 1980	354	15:50:10	4.3	54090.2	1.3	22.7	-2.7	24.3
1068	NSSD31	6	164	246	0745	19 DEC 1980	354	19:08:22	21.5	33405.9	17.7	17.7	-2.7	24.5
1070	NSSD31	7	274	267	0745	20 DEC 1980	355	06:00:46	22.2	61007.1	-24.2	30.6	-2.6	25.3
1071	NSSD31	8	307	266	0746	20 DEC 1980	355	10:53:43	9.7	66121.6	-12.3	26.7	-2.6	25.6
1072	NSSD31	9	242	237	0746	20 DEC 1980	355	15:51:26	5.0	54213.2	1.2	22.7	-2.6	25.9
1073	NSSD31	10	164	244	0746	20 DEC 1980	355	19:10:25	21.9	33497.2	17.6	17.8	-2.6	26.2
1074	NSSD31	11	192	280	0746	21 DEC 1980	356	02:00:32	37.2	42470.2	-38.7	36.5	-2.6	26.6

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK	CENTER	TIME	PHASE	SPACECRAFT	SUBSPACECRAFT	SUBSOLAR		
						DATE	DOY	S/C UT	ANGLE	ALTITUDE(KM)	LAT	LOX	LAT	LOX
1075	NSSD31	12	275	268	0746	21 DEC 1980	356	06:02:20	22.0	60955.0	-24.3	30.6	-2.6	26.9
1076	NSSD31	13	301	262	0747	21 DEC 1980	356	10:56:33	9.7	66118.3	-12.3	26.7	-2.6	27.2
1077	NSSD31	14	254	251	0747	21 DEC 1980	356	15:52:29	6.0	54365.1	1.1	22.7	-2.5	27.5
1078	NSSD32	1	161	240	0747	21 DEC 1980	356	19:12:20	22.4	33651.2	17.5	17.8	-2.5	27.8
1079	NSSD32	2	192	281	0747	22 DEC 1980	357	02:02:40	37.0	42347.7	-38.8	36.6	-2.5	28.2
1080	NSSD32	3	270	263	0747	22 DEC 1980	357	06:03:21	21.9	60852.6	-24.3	30.6	-2.5	28.5
1081	NSSD32	4	302	262	0748	22 DEC 1980	357	10:54:56	10.1	66163.2	-12.4	26.7	-2.5	28.8
1082	NSSD32	5	205	278	0748	23 DEC 1980	358	02:35:09	34.3	45553.0	-36.4	35.4	-2.5	29.9
1083	NSSD32	6	272	259	0748	23 DEC 1980	358	06:37:13	20.5	62217.4	-22.9	30.1	-2.4	30.1
1084	NSSD32	7	295	257	0749	23 DEC 1980	358	11:32:59	9.5	65718.9	-11.0	26.3	-2.4	30.5
1085	NSSD32	8	204	279	0749	24 DEC 1980	359	02:36:59	34.3	45370.4	-36.5	35.5	-2.4	31.5
1086	NSSD32	9	279	266	0749	24 DEC 1980	359	06:37:56	20.7	62100.0	-23.0	30.2	-2.4	31.7
1087	NSSD32	10	298	257	0750	24 DEC 1980	359	11:33:16	10.4	65743.6	-11.1	26.3	-2.4	32.1
1088	NSSD32	11	205	279	0750	25 DEC 1980	360	02:39:06	34.2	45403.8	-36.4	35.4	-2.3	33.1
1089	NSSD32	12	267	252	0750	25 DEC 1980	360	06:39:02	21.0	62053.8	-23.1	30.2	-2.3	33.3
1090	NSSD32	13	295	257	0751	25 DEC 1980	360	11:33:44	11.5	65783.7	-11.2	26.4	-2.3	33.7
1091	NSSD32	14	120	254	0751	25 DEC 1980	360	20:28:50	36.7	23229.9	28.9	13.9	-2.3	34.3
1092	NSSD33	1	268	255	0751	26 DEC 1980	361	06:39:49	21.4	61934.3	-23.2	30.2	-2.2	34.9
1093	NSSD33	2	300	259	0752	26 DEC 1980	361	11:33:56	12.6	65822.5	-11.2	26.4	-2.2	35.3
1094	NSSD33	3	202	277	0752	27 DEC 1980	362	02:42:53	34.5	45108.9	-36.6	35.5	-2.2	36.3
1095	NSSD33	4	276	263	0752	27 DEC 1980	362	06:40:32	21.9	61857.9	-23.2	30.2	-2.2	36.6
1096	NSSD33	5	299	257	0753	27 DEC 1980	362	11:34:06	13.9	65845.0	-11.3	26.4	-2.1	36.9
1097	NSSD33	6	201	276	0753	28 DEC 1980	363	02:44:47	34.7	45033.8	-36.7	35.5	-2.1	37.9
1098	NSSD33	7	273	260	0753	28 DEC 1980	363	06:41:18	22.6	61781.1	-23.3	30.2	-2.1	38.2
1099	NSSD33	8	298	257	0754	28 DEC 1980	363	11:34:12	15.2	65881.8	-11.4	26.4	-2.1	38.5
1100	NSSD33	9	185	277	0754	29 DEC 1980	364	02:17:13	37.2	41771.3	-39.1	36.7	-2.0	39.5
1102	NSSD33	10	303	261	0755	29 DEC 1980	364	10:56:23	17.0	66280.9	-13.0	26.9	-2.0	40.0
1103	NSSD33	11	255	245	0755	29 DEC 1980	364	15:58:14	17.5	55532.7	0.4	23.0	-2.0	40.4
1104	NSSD33	12	168	238	0755	29 DEC 1980	364	19:26:33	29.0	34869.3	16.7	18.2	-2.0	40.6
1105	NSSD33	13	185	278	0755	30 DEC 1980	365	02:19:08	37.5	41648.4	-39.2	36.7	-2.0	41.1
1106	NSSD33	14	268	262	0755	30 DEC 1980	365	06:10:19	25.2	60061.5	-25.0	30.8	-1.9	41.3
1120	NSSD34	2	182	273	0758	2 JAN 1981	002	02:24:23	38.7	41236.9	-39.5	36.8	-1.7	45.9
1121	NSSD34	3	262	257	0758	2 JAN 1981	002	06:11:29	27.8	59678.1	-25.3	30.9	-1.7	46.1
1122	NSSD34	4	301	257	0759	2 JAN 1981	002	10:54:53	22.5	66336.3	-13.5	27.1	-1.7	46.4
1123	NSSD34	5	262	246	0759	2 JAN 1981	002	15:59:13	23.7	56231.8	-0.1	23.2	-1.7	46.8
1124	NSSD34	6	169	233	0759	2 JAN 1981	002	19:32:47	33.4	35633.6	16.1	18.4	-1.7	47.0
1125	NSSD34	7	181	272	0759	3 JAN 1981	003	02:26:11	39.2	41153.6	-39.6	36.8	-1.6	47.5
1126	NSSD34	8	263	258	0759	3 JAN 1981	003	06:11:59	28.8	59529.3	-25.4	30.9	-1.6	47.7
1127	NSSD34	9	298	253	0760	3 JAN 1981	003	10:54:36	23.9	66343.8	-13.6	27.1	-1.6	48.0
1128	NSSD35	1	255	240	0760	3 JAN 1981	003	15:59:32	25.2	56414.2	-0.3	23.2	-1.6	48.4
1129	NSSD35	2	172	235	0760	3 JAN 1981	003	19:34:22	34.6	35727.7	16.0	18.4	-1.6	48.6
1130	NSSD35	3	179	268	0760	4 JAN 1981	004	02:27:56	39.8	40946.9	-39.7	36.9	-1.5	49.1
1131	NSSD35	4	262	256	0760	4 JAN 1981	004	06:12:17	29.8	59435.2	-25.5	31.0	-1.5	49.3
1132	NSSD35	5	300	254	0761	4 JAN 1981	004	10:53:50	25.4	66352.5	-13.7	27.1	-1.5	49.6
1133	NSSD35	6	262	244	0761	4 JAN 1981	004	15:59:15	26.7	56594.8	-0.4	23.2	-1.5	50.0
1134	NSSD35	7	169	226	0761	4 JAN 1981	004	19:35:34	35.8	35963.6	15.8	18.5	-1.5	50.2
1136	NSSD35	8	261	254	0761	5 JAN 1981	005	06:11:53	30.9	59227.2	-25.7	31.0	-1.4	50.9
1137	NSSD35	9	298	251	0762	5 JAN 1981	005	10:52:22	26.8	66358.5	-13.9	27.2	-1.4	51.2
1138	NSSD35	10	262	242	0762	5 JAN 1981	005	15:58:33	28.3	56840.6	-0.6	23.3	-1.4	51.6
1143	NSSD35	11	195	202	0763	6 JAN 1981	006	17:19:31	31.7	51100.5	3.9	22.0	-1.3	53.3
1147	NSSD35	12	253	225	0764	7 JAN 1981	007	12:38:47	29.7	65265.8	-9.8	26.0	-1.3	54.5
1153	NSSD35	13	223	231	0765	8 JAN 1981	008	18:03:40	36.0	47683.6	6.5	21.3	-1.1	56.5
1155	NSSD35	14	279	252	0765	9 JAN 1981	009	08:13:34	33.7	63900.3	-20.6	29.3	-1.1	57.4
1162	NSSD36	1	205	271	0767	11 JAN 1981	011	03:29:46	42.3	45596.1	-36.2	35.1	-0.9	60.3
1166	NSSD36	2	205	271	0768	12 JAN 1981	012	03:30:35	43.3	45416.3	-36.3	35.1	-0.8	61.9

POLAR METRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK CENTER DATE	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT LON	SOLAR LAT LON
1190	NSSD36	3	204	263	0774	18 JAN 1981	018 03:34:36	49.7	44130.3	-37.3 35.5	-0.3 71.4
1197	NSSD36	4	232	215	0776	19 JAN 1981	019 18:24:21	52.7	48513.3	6.0 21.6	-0.1 74.0
1198	NSSD36	5	200	254	0776	20 JAN 1981	020 03:35:15	52.0	43639.0	-37.6 35.6	-0.1 74.6
1201	NSSD36	6	227	207	0777	20 JAN 1981	020 18:23:58	54.1	48868.9	5.8 21.7	0.0 75.6
1206	NSSD36	7	200	251	0778	22 JAN 1981	022 03:35:55	54.3	43063.8	-38.1 35.7	0.1 77.8
1210	NSSD36	8	198	248	0779	23 JAN 1981	023 03:36:25	55.5	42909.2	-38.2 35.8	0.2 79.4
1214	NSSD36	9	207	243	0780	24 JAN 1981	024 03:55:01	56.3	44654.5	-36.9 35.2	0.3 81.0
1218	NSSD36	10	206	240	0782	25 JAN 1981	025 03:54:58	57.6	44284.1	-37.1 35.3	0.4 82.6
1246	NSSD36	11	201	221	0788	1 FEB 1981	032 03:55:46	66.1	42405.7	-38.6 35.8	1.0 93.7
1247	NSSD36	12	283	208	0788	1 FEB 1981	032 08:04:07	66.6	61237.5	-23.7 30.2	1.0 93.9
1250	NSSD36	13	196	216	0789	2 FEB 1981	033 03:55:58	67.4	42128.6	-38.8 35.9	1.1 95.2
1252	NSSD36	14	299	194	0790	2 FEB 1981	033 13:28:54	70.2	65639.4	-10.5 26.3	1.1 95.9
1253	NSSD37	1	239	178	0790	2 FEB 1981	033 18:35:12	74.0	50799.4	4.3 22.2	1.2 96.2
1254	NSSD37	2	200	215	0790	3 FEB 1981	034 03:56:06	68.6	41969.6	-39.0 36.0	1.2 96.8
1257	NSSD37	3	224	170	0791	3 FEB 1981	034 18:34:20	75.5	51096.3	4.1 22.3	1.3 97.8
1258	NSSD37	4	199	213	0791	4 FEB 1981	035 03:56:27	69.8	41688.8	-39.2 36.0	1.3 98.4
1266	NSSD37	5	226	214	0793	6 FEB 1981	037 04:50:00	72.6	46905.4	-35.4 34.3	1.5 101.6
1267	NSSD37	6	284	193	0793	6 FEB 1981	037 09:01:52	74.3	63051.1	-22.1 29.5	1.5 101.9
1268	NSSD37	7	281	175	0794	6 FEB 1981	037 14:36:50	77.1	64308.1	-8.7 25.6	1.5 102.3
1269	NSSD37	8	211	156	0794	6 FEB 1981	037 19:43:10	81.4	45251.4	7.7 21.1	1.5 102.6
1273	NSSD37	9	223	158	0795	7 FEB 1981	038 19:36:19	82.8	45995.0	7.8 21.3	1.6 104.2
1274	NSSD37	10	220	205	0795	8 FEB 1981	039 04:45:23	75.1	46205.5	-35.8 34.5	1.6 104.8
1275	NSSD37	11	287	188	0795	8 FEB 1981	039 08:49:27	77.1	62513.3	-22.3 29.7	1.6 105.1
1276	NSSD37	12	300	176	0796	8 FEB 1981	039 14:17:58	80.0	64825.2	-9.0 25.8	1.7 105.4
1277	NSSD37	13	227	157	0796	8 FEB 1981	039 19:30:17	84.2	46684.9	7.4 21.4	1.7 105.8
1278	NSSD37	14	217	203	0796	9 FEB 1981	040 04:42:35	76.4	45781.5	-36.1 34.7	1.7 106.4
1280	NSSD38	1	299	173	0797	9 FEB 1981	040 14:13:17	81.5	64949.5	-9.2 25.9	1.7 107.0
1281	NSSD38	2	227	154	0797	9 FEB 1981	040 19:28:42	85.6	47032.6	7.1 21.5	1.8 107.3
1285	NSSD38	3	228	151	0798	10 FEB 1981	041 19:26:29	87.1	47336.2	6.9 21.6	1.8 108.9
1297	NSSD38	4	232	143	0801	13 FEB 1981	044 19:20:10	91.6	48239.0	6.2 21.8	2.1 113.7
1299	NSSD38	5	286	172	0801	14 FEB 1981	045 08:24:25	85.7	61172.9	-23.8 30.2	2.1 114.5
1300	NSSD38	6	304	160	0802	14 FEB 1981	045 13:49:59	89.0	65544.3	-10.4 26.3	2.1 114.9
1304	NSSD38	7	305	157	0803	15 FEB 1981	046 13:44:18	90.5	65649.8	-10.7 26.3	2.2 116.5
1309	NSSD38	8	232	132	0804	16 FEB 1981	047 19:13:17	96.2	49203.8	5.4 22.0	2.3 118.4
1313	NSSD38	9	238	132	0805	17 FEB 1981	048 19:11:04	97.7	49487.6	5.2 22.1	2.4 120.0
1314	NSSD38	10	281	158	0805	18 FEB 1981	049 08:08:15	91.3	60204.3	-24.8 30.5	2.4 120.8
1323	NSSD38	11	241	123	0808	20 FEB 1981	051 19:03:08	102.2	50466.1	4.5 22.3	2.5 124.7
1327	NSSD38	12	240	120	0809	21 FEB 1981	052 19:00:33	103.7	50823.7	4.2 22.3	2.6 126.3
1330	NSSD38	13	243	118	0810	22 FEB 1981	053 18:58:37	105.2	51088.8	4.0 22.4	2.7 127.9
1338	NSSD38	14	239	111	0812	24 FEB 1981	055 19:16:46	108.6	49728.1	5.0 22.1	2.8 131.0
1342	NSSD39	1	240	109	0813	25 FEB 1981	056 19:14:56	110.1	50004.4	4.8 22.1	2.8 132.6
1347	NSSD39	2	215	141	0814	27 FEB 1981	058 05:27:17	100.6	48137.0	-34.4 34.0	2.9 134.9
1350	NSSD39	3	231	99	0815	27 FEB 1981	058 19:23:54	113.4	49412.6	5.2 22.0	2.9 135.8
1351	NSSD39	4	219	141	0815	28 FEB 1981	059 05:25:04	101.8	47838.2	-34.6 34.1	2.9 136.5
1353	NSSD39	5	302	117	0816	28 FEB 1981	059 14:22:35	111.1	65222.3	-9.8 26.1	3.0 137.1
1354	NSSD39	6	238	99	0816	28 FEB 1981	059 19:22:04	114.9	49598.6	5.1 22.0	3.0 137.4
1355	NSSD39	7	211	135	0816	1 MAR 1981	060 05:23:10	103.0	47502.6	-34.9 34.3	3.0 138.0
1356	NSSD39	8	284	126	0816	1 MAR 1981	060 08:50:40	107.8	61537.1	-23.5 30.1	3.0 138.3
1357	NSSD39	9	305	116	0817	1 MAR 1981	060 14:18:46	112.6	65325.5	-10.1 26.2	3.0 138.6
1360	NSSD39	10	281	122	0817	2 MAR 1981	061 08:47:10	109.2	61365.4	-23.6 30.2	3.0 139.8
1368	NSSD39	11	275	115	0819	4 MAR 1981	063 08:39:51	111.9	60881.8	-24.1 30.4	3.1 143.0
1376	NSSD39	12	270	109	0821	6 MAR 1981	065 08:33:10	114.6	60476.4	-24.5 30.5	3.2 146.2
1380	NSSD39	13	275	109	0822	7 MAR 1981	066 08:30:45	115.9	60267.6	-24.7 30.6	3.2 147.7
1381	NSSD39	14	294	96	0823	7 MAR 1981	066 14:33:22	122.1	65148.3	-9.7 26.1	3.2 148.1
1382	NSSD40	1	234	81	0823	7 MAR 1981	066 19:31:48	125.9	49552.4	5.1 22.0	3.2 148.5

POLAR MAP	METRY	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK	CE DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SU LAT	LAR LON
1398	NSSD40	2	288	97	0827	12 MAR 1981	071	09:19:31	124.1	62171.4	-22.8	30.0	3.3	155.7	
1402	NSSD40	3	279	93	0828	13 MAR 1981	072	09:16:28	125.4	61982.0	-23.0	30.1	3.4	157.3	
1411	NSSD40	4	221	83	0892	15 MAY 1981	135	21:02:43	122.6	48875.6	6.6	21.6	-0.2	-101.2	
1414	NSSD40	5	222	86	0893	16 MAY 1981	136	21:05:27	121.0	48589.6	6.8	21.6	-0.3	-99.6	
1420	NSSD40	6	217	89	0895	18 MAY 1981	138	21:10:20	117.7	48106.1	7.2	21.5	-0.4	-96.4	
1427	NSSD40	7	254	95	0897	20 MAY 1981	140	16:29:38	118.6	64200.0	-7.6	25.5	-0.6	-93.5	
1433	NSSD40	8	191	105	0898	22 MAY 1981	142	06:45:15	117.7	46302.5	-35.3	34.4	-0.8	-90.9	
1434	NSSD40	9	243	100	0898	22 MAY 1981	142	10:36:20	117.6	61896.9	-22.3	29.8	-0.8	-90.6	
1435	NSSD40	10	259	101	0899	22 MAY 1981	142	16:03:05	115.6	64828.3	-8.7	25.8	-0.8	-90.3	
1438	NSSD40	11	249	105	0899	23 MAY 1981	143	10:40:23	116.1	62052.9	-22.1	29.7	-0.9	-89.0	
1439	NSSD40	12	258	104	0900	23 MAY 1981	143	16:07:30	114.0	64743.6	-8.5	25.8	-0.9	-88.6	
1440	NSSD40	13	205	101	0900	23 MAY 1981	143	20:59:27	110.0	49045.7	6.4	21.7	-0.9	-88.3	
1444	NSSD40	14	206	104	0901	24 MAY 1981	144	21:02:38	108.4	48761.3	6.7	21.7	-1.0	-86.7	
1448	NSSD41	1	206	108	0902	25 MAY 1981	145	21:05:55	106.7	48473.7	6.9	21.7	-1.1	-85.1	
1450	NSSD41	2	207	100	0902	26 MAY 1981	146	10:53:52	111.5	62582.5	-21.5	29.5	-1.1	-84.1	
1451	NSSD41	3	223	101	0903	26 MAY 1981	146	16:56:41	108.7	63385.2	-6.4	25.2	-1.2	-83.7	
1460	NSSD41	4	217	118	0905	28 MAY 1981	148	20:46:28	102.3	50102.1	5.6	22.0	-1.4	-80.2	
1461	NSSD41	5	128	91	0905	29 MAY 1981	149	06:39:53	108.5	45818.3	-35.7	34.5	-1.4	-79.6	
1462	NSSD41	6	247	121	0905	29 MAY 1981	149	09:23:56	107.5	58442.6	-25.7	30.9	-1.4	-79.4	
1464	NSSD41	7	222	121	0906	29 MAY 1981	149	20:26:18	101.1	51744.8	4.3	22.4	-1.4	-78.6	
1467	NSSD41	8	213	119	0907	30 MAY 1981	150	20:29:40	99.4	51517.6	4.5	22.3	-1.5	-77.0	
1470	NSSD41	9	222	128	0908	31 MAY 1981	151	20:32:56	97.8	51230.5	4.7	22.3	-1.6	-75.4	
1474	NSSD41	10	215	127	0909	1 JUN 1981	152	20:35:53	96.1	50998.2	4.9	22.2	-1.7	-73.8	
1480	NSSD41	11	247	137	0910	3 JUN 1981	154	09:13:29	100.2	57923.4	-26.2	31.0	-1.8	-71.3	
1483	NSSD41	12	220	137	0911	3 JUN 1981	154	20:42:05	92.8	50347.4	5.4	22.1	-1.9	-70.5	
1488	NSSD41	13	249	144	0912	5 JUN 1981	156	09:20:01	97.2	58347.9	-25.8	30.9	-2.0	-68.0	
1496	NSSD41	14	246	151	0914	7 JUN 1981	158	08:58:19	94.4	57104.4	-26.9	31.3	-2.1	-64.8	
1497	NSSD42	1	280	153	0915	7 JUN 1981	158	14:43:12	90.7	65961.7	-11.9	26.7	-2.2	-64.4	
1498	NSSD42	2	221	149	0915	7 JUN 1981	158	20:28:31	86.6	51435.3	4.5	22.4	-2.2	-64.1	
1506	NSSD42	3	218	152	0917	9 JUN 1981	160	20:34:04	83.3	50883.1	4.9	22.3	-2.3	-60.8	
1512	NSSD42	4	252	166	0918	11 JUN 1981	162	09:13:10	88.3	58026.4	-26.2	31.0	-2.4	-58.3	
1513	NSSD42	5	262	158	0919	11 JUN 1981	162	15:02:12	84.1	65779.0	-11.1	26.5	-2.4	-57.9	
1517	NSSD42	6	276	168	0920	12 JUN 1981	163	15:06:50	82.4	65725.8	-11.0	26.5	-2.5	-56.3	
1518	NSSD42	7	218	164	0920	12 JUN 1981	163	20:42:48	78.3	50166.6	5.5	22.1	-2.5	-55.9	
1519	NSSD42	8	129	121	0920	13 JUN 1981	164	06:36:04	88.3	45892.2	-35.7	34.5	-2.5	-55.2	
1520	NSSD42	9	251	170	0920	13 JUN 1981	164	09:20:50	85.2	58465.8	-25.8	30.9	-2.6	-55.1	
1521	NSSD42	10	275	170	0921	13 JUN 1981	164	15:11:56	80.8	65659.6	-10.8	26.4	-2.6	-54.7	
1522	NSSD42	11	217	167	0921	13 JUN 1981	164	20:45:36	76.7	49862.0	5.7	22.0	-2.6	-54.3	
1524	NSSD42	12	254	175	0921	14 JUN 1981	165	09:24:18	83.7	58719.0	-25.6	30.8	-2.6	-53.4	
1529	NSSD42	13	264	168	0923	15 JUN 1981	166	15:20:44	77.5	65531.7	-10.4	26.3	-2.7	-51.4	
1534	NSSD42	14	211	172	0924	16 JUN 1981	167	20:43:05	71.9	49981.4	5.6	22.1	-2.8	-49.4	
1537	NSSD43	1	278	180	0925	17 JUN 1981	168	14:46:01	74.7	65911.7	-11.7	26.7	-2.8	-48.2	
1538	NSSD43	2	221	180	0925	17 JUN 1981	168	20:31:51	70.4	50965.8	4.8	22.3	-2.8	-47.8	
1544	NSSD43	3	247	185	0926	19 JUN 1981	170	09:06:51	76.6	57752.7	-26.4	31.1	-2.9	-45.3	
1545	NSSD43	4	276	187	0927	19 JUN 1981	170	14:55:24	71.3	65823.9	-11.4	26.6	-2.9	-44.9	
1548	NSSD43	5	234	176	0927	20 JUN 1981	171	09:10:14	75.1	57977.2	-26.2	31.1	-2.9	-43.7	
1552	NSSD43	6	242	186	0928	21 JUN 1981	172	09:13:14	73.5	58157.8	-26.1	31.0	-3.0	-42.1	
1553	NSSD43	7	272	189	0929	21 JUN 1981	172	15:03:01	68.0	65728.0	-11.1	26.5	-3.0	-41.7	
1554	NSSD43	8	217	192	0929	21 JUN 1981	172	20:41:21	63.9	50065.9	5.5	22.1	-3.0	-41.3	
1560	NSSD43	9	278	198	0931	23 JUN 1981	174	14:34:35	65.2	65982.7	-12.2	26.9	-3.1	-38.5	
1565	NSSD43	10	250	205	0932	25 JUN 1981	176	09:06:41	67.8	57803.1	-26.4	31.2	-3.2	-35.6	
1566	NSSD43	11	275	202	0933	25 JUN 1981	176	14:41:38	61.9	65928.3	-11.9	26.8	-3.2	-35.2	
1572	NSSD43	12	242	205	0934	27 JUN 1981	178	09:01:38	65.1	57507.7	-26.6	31.3	-3.2	-32.3	
1578	NSSD43	13	212	201	0936	28 JUN 1981	179	20:32:34	52.7	50675.3	5.0	22.1	-3.3	-29.9	
1586	NSSD43	14	221	209	0938	30 JUN 1981	181	20:10:45	49.7	52465.8	3.6	22.5	-3.3	-26.7	

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	LONG	SUBSOLAR LAT	LONG
1589	NSSD44	1	278	219	0939	1 JUL 1981	182	14:22:32	52.7	66019.4	-12.7	27.0	-3.3	-25.5
1590	NSSD44	2	224	215	0939	1 JUL 1981	182	20:12:11	48.0	52269.7	3.8	22.5	-3.3	-25.1
1593	NSSD44	3	277	221	0940	2 JUL 1981	183	14:24:51	51.1	66006.3	-12.6	27.0	-3.3	-23.8
1594	NSSD44	4	223	216	0940	2 JUL 1981	183	20:13:33	46.4	52183.3	3.9	22.4	-3.3	-23.4
1595	NSSD44	5	232	217	0940	3 JUL 1981	184	08:46:27	57.0	56625.7	-27.4	31.6	-3.4	-22.6
1598	NSSD44	6	226	221	0941	3 JUL 1981	184	20:15:13	44.8	52012.8	4.0	22.4	-3.4	-21.8
1600	NSSD44	7	241	227	0941	4 JUL 1981	185	08:49:00	55.5	56820.7	-27.2	31.6	-3.4	-21.0
1601	NSSD44	8	276	225	0942	4 JUL 1981	185	14:30:47	47.8	65965.2	-12.3	26.9	-3.4	-20.6
1602	NSSD44	9	224	221	0942	4 JUL 1981	185	20:17:09	43.1	51840.9	4.1	22.3	-3.4	-20.2
1604	NSSD44	10	242	228	0942	5 JUL 1981	186	08:51:41	54.0	56948.5	-27.1	31.5	-3.4	-19.3
1605	NSSD44	11	278	229	0943	5 JUL 1981	186	14:33:47	46.2	65941.7	-12.2	26.8	-3.4	-19.0
1606	NSSD44	12	217	216	0943	5 JUL 1981	186	20:18:42	41.5	51750.0	4.2	22.3	-3.4	-18.6
1608	NSSD44	13	232	223	0943	6 JUL 1981	187	08:53:55	52.6	57075.6	-27.0	31.5	-3.4	-17.7
1609	NSSD44	14	278	231	0944	6 JUL 1981	187	14:36:48	44.5	65918.6	-12.0	26.8	-3.4	-17.3
1610	NSSD45	1	216	221	0944	6 JUL 1981	187	20:20:37	39.9	51575.2	4.4	22.2	-3.4	-16.9
1612	NSSD45	2	234	227	0944	7 JUL 1981	188	08:56:50	51.1	57243.4	-26.9	31.5	-3.4	-16.1
1613	NSSD45	3	280	234	0945	7 JUL 1981	188	14:39:49	42.9	65891.2	-11.9	26.8	-3.4	-15.7
1614	NSSD45	4	223	226	0945	7 JUL 1981	188	20:22:02	38.3	51428.5	4.5	22.2	-3.4	-15.3
1616	NSSD45	5	240	234	0945	8 JUL 1981	189	08:58:38	49.7	57388.1	-26.7	31.4	-3.4	-14.5
1617	NSSD45	6	275	232	0946	8 JUL 1981	189	14:41:55	41.3	65870.6	-11.8	26.7	-3.4	-14.1
1618	NSSD45	7	216	223	0946	8 JUL 1981	189	20:23:12	36.7	51309.9	4.6	22.2	-3.4	-13.7
1620	NSSD45	8	244	238	0946	9 JUL 1981	190	09:00:31	48.2	57510.5	-26.6	31.4	-3.4	-12.8
1621	NSSD45	9	271	230	0947	9 JUL 1981	190	14:43:59	39.7	65849.2	-11.7	26.7	-3.4	-12.5
1622	NSSD45	10	220	228	0947	9 JUL 1981	190	20:24:14	35.1	51219.6	4.6	22.1	-3.4	-12.1
1624	NSSD45	11	243	239	0947	10 JUL 1981	191	09:02:24	46.8	57611.0	-26.5	31.4	-3.4	-11.2
1625	NSSD45	12	278	237	0948	10 JUL 1981	191	14:46:17	38.0	65817.4	-11.6	26.7	-3.4	-10.8
1626	NSSD45	13	220	230	0948	10 JUL 1981	191	20:25:36	33.5	51128.9	4.7	22.1	-3.4	-10.4
1628	NSSD45	14	244	243	0948	11 JUL 1981	192	09:04:39	45.4	57731.3	-26.4	31.3	-3.4	-9.6
1629	NSSD46	1	277	239	0949	11 JUL 1981	192	14:48:25	36.4	65797.0	-11.5	26.7	-3.4	-9.2
1630	NSSD46	2	218	230	0949	11 JUL 1981	192	20:26:29	31.9	51037.8	4.8	22.1	-3.4	-8.8
1632	NSSD46	3	239	241	0949	12 JUL 1981	193	09:05:47	44.1	57789.1	-26.3	31.3	-3.4	-8.0
1638	NSSD46	4	218	232	0951	13 JUL 1981	194	20:27:37	28.8	50942.5	4.9	22.0	-3.4	-5.6
1640	NSSD46	5	240	245	0951	14 JUL 1981	195	09:08:17	41.4	57944.4	-26.2	31.3	-3.4	-4.7
1641	NSSD46	6	276	242	0952	14 JUL 1981	195	14:52:18	31.7	65743.1	-11.3	26.6	-3.3	-4.3
1642	NSSD46	7	218	235	0952	14 JUL 1981	195	20:28:26	27.2	50880.0	5.0	22.0	-3.3	-4.0
1645	NSSD46	8	274	243	0953	15 JUL 1981	196	14:54:10	30.1	65720.3	-11.2	26.6	-3.3	-2.7
1646	NSSD46	9	207	232	0953	15 JUL 1981	196	20:52:41	25.8	48767.5	6.6	21.5	-3.3	-2.3
1647	NSSD46	10	187	249	0953	16 JUL 1981	197	06:23:26	47.5	44917.4	-36.4	35.3	-3.3	-1.7
1648	NSSD46	11	261	248	0953	16 JUL 1981	197	10:45:20	35.3	62511.4	-21.6	29.7	-3.3	-1.4
1649	NSSD46	12	271	243	0954	16 JUL 1981	197	16:06:54	27.0	64466.3	-8.2	25.7	-3.3	-1.0
1650	NSSD46	13	210	236	0954	16 JUL 1981	197	20:53:26	24.3	48667.1	6.7	21.5	-3.3	-0.7
1651	NSSD46	14	177	250	0954	17 JUL 1981	198	06:13:17	47.2	43844.9	-37.3	35.7	-3.3	-0.1
1653	NSSD47	1	269	242	0955	17 JUL 1981	198	16:08:02	25.4	64410.5	-8.1	25.7	-3.3	0.6
1659	NSSD47	2	271	246	0957	19 JUL 1981	200	16:10:21	22.2	64358.4	-8.0	25.6	-3.2	3.8
1660	NSSD47	3	211	238	0957	19 JUL 1981	200	20:54:57	19.9	48623.3	6.8	21.4	-3.2	4.2
1661	NSSD47	4	183	260	0957	20 JUL 1981	201	06:15:55	44.2	44020.2	-37.1	35.7	-3.2	4.8
1662	NSSD47	5	255	250	0957	20 JUL 1981	201	10:50:31	30.0	62661.1	-21.3	29.7	-3.2	5.1
1663	NSSD47	6	267	243	0958	20 JUL 1981	201	16:11:02	20.6	64336.6	-8.0	25.6	-3.2	5.5
1664	NSSD47	7	210	238	0958	20 JUL 1981	201	20:55:09	18.6	48523.5	6.9	21.4	-3.2	5.8
1666	NSSD47	8	254	248	0958	21 JUL 1981	202	10:51:24	28.7	62694.7	-21.3	29.7	-3.2	6.7
1668	NSSD47	9	210	239	0959	21 JUL 1981	202	20:55:33	17.2	48519.5	6.9	21.4	-3.2	7.4
1670	NSSD47	10	247	243	0959	22 JUL 1981	203	11:40:19	25.7	64209.3	-19.1	29.0	-3.1	8.4
1672	NSSD47	11	198	242	0960	22 JUL 1981	203	21:31:20	17.2	45011.8	9.7	20.6	-3.1	9.1
1673	NSSD47	12	158	238	0960	23 JUL 1981	204	06:34:17	40.1	45958.7	-35.6	35.0	-3.1	9.7
1674	NSSD47	13	250	253	0960	23 JUL 1981	204	10:24:08	27.5	61643.6	-22.5	30.1	-3.1	9.9

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK CENTER DATE	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT LON	SUN LAT LON
1675	NSSD48	1	268	252	0961	23 JUL 1981	204 15:50:17	16.5	64803.6	-8.8 25.9	-3.1 10.3
1676	NSSD48	2	207	238	0961	23 JUL 1981	204 20:47:18	14.4	49207.8	6.4 21.5	-3.1 10.6
1677	NSSD48	3	241	255	0961	24 JUL 1981	205 09:33:04	28.7	59258.3	-24.9 30.9	-3.1 11.5
1678	NSSD48	4	275	256	0962	24 JUL 1981	205 15:15:28	16.0	65424.1	-10.3 26.3	-3.1 11.9
1679	NSSD48	5	212	245	0962	24 JUL 1981	205 20:47:35	13.2	49204.2	6.4 21.5	-3.0 12.2
1680	NSSD48	6	245	260	0962	25 JUL 1981	206 09:34:03	27.7	59291.1	-24.8 30.9	-3.0 13.1
1682	NSSD48	7	212	245	0963	25 JUL 1981	206 20:47:40	12.1	49231.7	6.4 21.5	-3.0 13.9
1683	NSSD48	8	243	260	0963	26 JUL 1981	207 09:34:48	26.8	59287.2	-24.8 30.9	-3.0 14.7
1684	NSSD48	9	274	256	0964	26 JUL 1981	207 15:16:34	13.2	65406.0	-10.2 26.3	-3.0 15.1
1685	NSSD48	10	212	245	0964	26 JUL 1981	207 20:47:42	11.2	49228.0	6.4 21.5	-3.0 15.5
1686	NSSD48	11	244	260	0964	27 JUL 1981	208 09:35:22	25.9	59338.2	-24.7 30.9	-2.9 16.3
1687	NSSD48	12	265	249	0965	27 JUL 1981	208 15:16:41	11.9	65402.2	-10.2 26.3	-2.9 16.7
1688	NSSD48	13	212	245	0965	27 JUL 1981	208 20:47:28	10.4	49224.5	6.5 21.5	-2.9 17.1
1689	NSSD48	14	238	258	0965	28 JUL 1981	209 09:35:33	25.2	59316.4	-24.7 30.9	-2.9 17.9
1691	NSSD49	1	211	244	0966	28 JUL 1981	209 20:47:10	9.7	49252.2	6.5 21.5	-2.9 18.7
1692	NSSD49	2	242	261	0966	29 JUL 1981	210 09:35:42	24.5	59312.8	-24.7 30.9	-2.8 19.5
1693	NSSD49	3	273	256	0967	29 JUL 1981	210 15:16:14	9.7	65400.0	-10.2 26.3	-2.8 19.9
1694	NSSD49	4	209	241	0967	29 JUL 1981	210 20:46:44	9.3	49342.0	6.4 21.5	-2.8 20.3
1695	NSSD49	5	233	250	0967	30 JUL 1981	211 09:35:47	23.8	59309.3	-24.7 30.9	-2.8 21.2
1696	NSSD49	6	272	254	0968	30 JUL 1981	211 15:15:56	8.8	65411.6	-10.2 26.3	-2.8 21.5
1697	NSSD49	7	203	237	0968	30 JUL 1981	211 20:46:22	9.2	49338.8	6.4 21.5	-2.8 21.9
1698	NSSD49	8	244	263	0968	31 JUL 1981	212 09:36:13	23.3	59360.6	-24.7 30.8	-2.7 22.8
1699	NSSD49	9	272	255	0969	31 JUL 1981	212 15:16:11	8.0	65393.0	-10.1 26.2	-2.7 23.2
1700	NSSD49	10	204	239	0969	31 JUL 1981	212 20:46:24	9.4	49335.6	6.4 21.5	-2.7 23.5
1702	NSSD49	11	209	240	0970	1 AUG 1981	213 20:46:05	9.8	49363.6	6.4 21.5	-2.6 25.1
1703	NSSD49	12	183	275	0970	2 AUG 1981	214 06:19:53	35.3	44309.5	-35.8 35.6	-2.6 25.8
1704	NSSD49	13	210	243	0971	2 AUG 1981	214 20:45:35	10.4	49453.4	6.4 21.5	-2.6 26.7
1705	NSSD49	14	204	238	0972	3 AUG 1981	215 20:45:08	11.2	49450.6	6.4 21.5	-2.5 28.3
1706	NSSD50	1	207	236	0973	4 AUG 1981	216 20:44:23	12.2	49571.2	6.3 21.5	-2.5 30.0
1707	NSSD50	2	212	242	0974	5 AUG 1981	217 20:43:40	13.2	49660.7	6.3 21.5	-2.4 31.6
1708	NSSD50	3	206	237	0975	6 AUG 1981	218 20:43:09	14.5	49658.3	6.3 21.5	-2.3 33.2
1709	NSSD50	4	207	238	0976	7 AUG 1981	219 20:42:26	15.7	49747.7	6.3 21.6	-2.2 34.8
1710	NSSD50	5	208	237	0977	8 AUG 1981	220 20:42:09	17.0	49775.8	6.2 21.6	-2.2 36.4
1711	NSSD50	6	210	237	0978	9 AUG 1981	221 20:41:37	18.3	49865.1	6.2 21.6	-2.1 38.0
1712	NSSD50	7	210	237	0979	10 AUG 1981	222 20:40:20	19.7	49924.1	6.2 21.6	-2.0 39.6
1713	NSSD50	8	212	237	0980	11 AUG 1981	223 20:39:09	21.1	50043.4	6.1 21.6	-1.9 41.2
1715	NSSD50	9	212	236	0982	13 AUG 1981	225 20:37:31	24.0	50220.6	6.0 21.7	-1.8 44.4
1716	NSSD50	10	213	234	0983	14 AUG 1981	226 20:36:36	25.4	50309.1	5.9 21.7	-1.7 46.0
1717	NSSD50	11	210	229	0984	15 AUG 1981	227 20:35:26	26.9	50397.2	5.9 21.7	-1.6 47.6
1718	NSSD50	12	212	231	0985	16 AUG 1981	228 20:34:08	28.4	50455.6	5.9 21.7	-1.5 49.2
1720	NSSD50	13	212	225	0988	19 AUG 1981	231 20:30:11	32.8	50836.0	5.6 21.8	-1.3 53.9
1721	NSSD50	14	215	227	0989	20 AUG 1981	232 20:28:52	34.3	51013.0	5.5 21.9	-1.2 55.5
1722	NSSD51	1	210	220	0990	21 AUG 1981	233 20:27:24	35.8	51071.5	5.5 21.9	-1.1 57.1
1723	NSSD51	2	214	223	0991	22 AUG 1981	234 20:25:59	37.3	51244.2	5.3 21.9	-1.0 58.7
1724	NSSD51	3	206	210	0992	23 AUG 1981	235 20:24:21	38.8	51330.1	5.3 22.0	-0.9 60.3
1725	NSSD51	4	213	216	0993	24 AUG 1981	236 20:22:56	40.3	51501.1	5.2 22.0	-0.8 61.9
1727	NSSD51	5	197	208	0995	26 AUG 1981	238 21:02:49	44.6	48034.4	7.9 21.3	-0.6 65.1
1728	NSSD51	6	200	208	0996	27 AUG 1981	239 21:08:33	46.3	47476.9	8.4 21.2	-0.6 66.7
1729	NSSD51	7	201	209	0997	28 AUG 1981	240 21:06:48	47.8	47642.4	8.3 21.2	-0.5 68.3
1730	NSSD51	8	202	207	0998	29 AUG 1981	241 21:04:57	49.2	47807.2	8.1 21.3	-0.4 69.9
1731	NSSD51	9	203	206	0999	30 AUG 1981	242 21:03:13	50.7	47905.8	8.1 21.3	-0.3 71.5
1732	NSSD51	10	205	204	1000	31 AUG 1981	243 21:01:34	52.2	48101.5	7.9 21.3	-0.2 73.1
1733	NSSD51	11	205	202	1001	1 SEP 1981	244 20:59:39	53.7	48263.8	7.8 21.4	-0.1 74.7
1734	NSSD51	12	204	199	1002	2 SEP 1981	245 20:57:53	55.2	48428.7	7.7 21.4	0.0 76.2
1735	NSSD51	13	206	197	1003	3 SEP 1981	246 20:55:55	56.7	48622.0	7.5 21.5	0.1 77.8

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK	CENTER DATE	DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	LONG	SOLAR LAT	LONG
1736	NSSD51	14	196	185	1004	4	SEP 1981	247	20:53:50	58.2	48781.5	7.4	21.5	0.2	79.4
1737	NSSD52	1	201	185	1005	5	SEP 1981	248	20:51:47	59.7	48940.0	7.3	21.6	0.3	81.0
1738	NSSD52	2	210	192	1006	6	SEP 1981	249	20:50:01	61.2	49035.1	7.2	21.6	0.4	82.6
1739	NSSD52	3	208	186	1007	7	SEP 1981	250	20:48:07	62.7	49223.4	7.1	21.7	0.5	84.2
1740	NSSD52	4	212	188	1008	8	SEP 1981	251	20:46:19	64.2	49348.5	7.0	21.7	0.6	85.8
1741	NSSD52	5	212	184	1009	9	SEP 1981	252	20:43:59	65.7	49626.7	6.8	21.8	0.7	87.3
1742	NSSD52	6	209	179	1010	10	SEP 1981	253	20:41:24	67.2	49780.5	6.6	21.8	0.8	88.9
1743	NSSD52	7	213	179	1011	11	SEP 1981	254	20:38:50	68.7	50024.0	6.4	21.9	0.8	90.5
1744	NSSD52	8	214	178	1012	12	SEP 1981	255	20:36:15	70.2	50178.6	6.3	21.9	0.9	92.1
1745	NSSD52	9	216	174	1013	13	SEP 1981	256	20:33:57	71.7	50389.4	6.2	22.0	1.0	93.7
1746	NSSD52	10	211	169	1014	14	SEP 1981	257	20:31:40	73.2	50586.2	6.0	22.0	1.1	95.2
1747	NSSD52	11	213	167	1015	15	SEP 1981	258	20:29:21	74.7	50716.4	5.9	22.1	1.2	96.8
1748	NSSD52	12	216	165	1016	16	SEP 1981	259	20:27:09	76.2	50863.6	5.8	22.1	1.3	98.4
1749	NSSD52	13	214	161	1017	17	SEP 1981	260	20:24:55	77.7	51096.9	5.6	22.2	1.4	100.0
1751	NSSD52	14	234	161	1019	19	SEP 1981	262	19:30:42	80.0	55086.7	2.3	23.0	1.5	103.1
1753	NSSD53	1	231	153	1021	21	SEP 1981	264	19:25:27	83.1	55421.1	2.1	23.1	1.7	106.2
1754	NSSD53	2	234	151	1022	22	SEP 1981	265	19:22:08	84.6	55586.0	1.9	23.2	1.8	107.8
1755	NSSD53	3	235	149	1023	23	SEP 1981	266	19:19:33	86.1	55795.6	1.7	23.2	1.9	109.4
1756	NSSD53	4	234	145	1024	24	SEP 1981	267	19:17:14	87.7	55888.2	1.6	23.2	1.9	111.0
1757	NSSD53	5	214	139	1025	25	SEP 1981	268	20:27:46	90.3	50664.1	5.9	22.1	2.0	112.6
1758	NSSD53	6	208	133	1026	26	SEP 1981	269	20:39:19	92.1	49612.6	6.7	21.9	2.1	114.2
1759	NSSD53	7	207	131	1027	27	SEP 1981	270	20:37:25	93.6	49796.1	6.6	21.9	2.2	115.8
1760	NSSD53	8	211	129	1028	28	SEP 1981	271	20:35:34	95.1	49947.9	6.4	22.0	2.2	117.4
1761	NSSD53	9	212	127	1029	29	SEP 1981	272	20:33:42	96.6	50068.6	6.3	22.0	2.3	119.0
1762	NSSD53	10	212	124	1030	30	SEP 1981	273	20:31:57	98.2	50248.6	6.2	22.0	2.4	120.5
1763	NSSD53	11	210	165	1030	1	OCT 1981	274	06:54:34	89.3	48232.6	-33.6	33.7	2.4	121.2
1764	NSSD53	12	264	140	1030	1	OCT 1981	274	13:12:53	94.5	65776.1	-14.7	27.6	2.4	121.6
1765	NSSD53	13	209	119	1031	1	OCT 1981	274	20:30:11	99.7	50308.0	6.1	22.1	2.4	122.1
1766	NSSD53	14	208	161	1031	2	OCT 1981	275	06:52:56	90.6	48070.2	-33.8	33.7	2.5	122.8
1768	NSSD54	1	213	118	1032	2	OCT 1981	275	20:28:41	101.3	50456.3	6.0	22.1	2.5	123.7
1769	NSSD54	2	202	153	1032	3	OCT 1981	276	06:51:38	91.9	48037.3	-33.8	33.8	2.5	124.4
1770	NSSD54	3	273	138	1032	3	OCT 1981	276	13:08:14	97.5	65749.5	-14.9	27.7	2.5	124.8
1771	NSSD54	4	212	114	1033	3	OCT 1981	276	20:27:12	102.8	50485.5	6.0	22.1	2.6	125.3
1772	NSSD54	5	209	156	1033	4	OCT 1981	277	06:50:13	93.2	47939.0	-33.9	33.8	2.6	126.0
1773	NSSD54	6	271	135	1033	4	OCT 1981	277	13:05:56	99.1	65721.4	-15.0	27.7	2.6	126.4
1774	NSSD54	7	215	112	1034	4	OCT 1981	277	20:25:40	104.3	50662.1	5.8	22.1	2.6	126.9
1775	NSSD54	8	208	152	1034	5	OCT 1981	278	06:48:48	94.5	47774.6	-34.0	33.9	2.7	127.5
1776	NSSD54	9	266	129	1034	5	OCT 1981	278	13:03:27	100.6	65707.7	-15.1	27.7	2.7	127.9
1777	NSSD54	10	215	110	1035	5	OCT 1981	278	20:23:51	105.9	50807.9	5.7	22.2	2.7	128.4
1778	NSSD54	11	209	150	1035	6	OCT 1981	279	06:47:12	95.8	47708.0	-34.1	33.9	2.7	129.1
1779	NSSD54	12	270	128	1035	6	OCT 1981	279	13:00:47	102.1	65679.9	-15.2	27.8	2.7	129.5
1780	NSSD54	13	215	107	1036	6	OCT 1981	279	20:22:14	107.4	50865.3	5.6	22.2	2.7	130.0
1781	NSSD54	14	205	144	1036	7	OCT 1981	280	06:45:29	97.1	47542.0	-34.2	34.0	2.8	130.7
1782	NSSD55	1	262	122	1036	7	OCT 1981	280	12:57:35	103.6	65650.6	-15.3	27.8	2.8	131.1
1783	NSSD55	2	216	104	1037	7	OCT 1981	280	20:19:41	109.0	51096.7	5.5	22.2	2.8	131.6
1784	NSSD55	3	191	134	1037	8	OCT 1981	281	06:42:56	98.4	47275.0	-34.4	34.0	2.8	132.3
1786	NSSD55	4	215	101	1038	8	OCT 1981	281	20:17:23	110.5	51239.6	5.3	22.2	2.8	133.2
1787	NSSD55	5	197	134	1038	9	OCT 1981	282	06:41:10	99.7	47206.9	-34.5	34.1	2.9	133.9
1788	NSSD55	6	254	112	1038	9	OCT 1981	282	12:50:47	106.6	65579.1	-15.6	27.9	2.9	134.3
1789	NSSD55	7	218	99	1039	9	OCT 1981	282	20:15:41	112.1	51353.0	5.3	22.3	2.9	134.7
1790	NSSD55	8	197	132	1039	10	OCT 1981	283	06:40:06	101.0	47105.0	-34.5	34.1	2.9	135.4
1791	NSSD55	9	252	109	1039	10	OCT 1981	283	12:50:00	108.1	65577.7	-15.6	27.9	2.9	135.8
1792	NSSD55	10	216	96	1040	10	OCT 1981	283	20:15:57	113.6	51351.5	5.3	22.3	2.9	136.3
1793	NSSD55	11	206	135	1040	11	OCT 1981	284	06:40:44	102.3	47137.1	-34.5	34.1	3.0	137.0
1794	NSSD55	12	273	115	1040	11	OCT 1981	284	12:50:23	109.6	65580.0	-15.6	27.9	3.0	137.4

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBPOLAR LAT	SUBPOLAR LON
1795	NSSD55	13	217	94	1041	11 OCT 1981	284	20:15:18	115.2	51321.3	5.3	22.3	3.0	137.9
1798	NSSD55	14	216	91	1042	12 OCT 1981	285	20:14:00	116.8	51376.7	5.2	22.3	3.0	139.5
1799	NSSD56	1	205	129	1042	13 OCT 1981	286	06:38:21	104.9	46999.1	-34.6	34.2	3.1	140.2
1800	NSSD56	2	268	109	1042	13 OCT 1981	286	12:46:22	112.6	65530.7	-15.7	27.9	3.1	140.6
1801	NSSD56	3	216	88	1043	13 OCT 1981	286	20:12:28	118.3	51545.7	5.1	22.3	3.1	141.1
1802	NSSD56	4	217	121	1043	14 OCT 1981	287	07:19:43	107.5	50683.8	-31.8	33.1	3.1	141.8
1803	NSSD56	5	200	121	1044	15 OCT 1981	288	06:36:19	107.4	46827.5	-34.8	34.3	3.1	143.3
1804	NSSD56	6	270	104	1044	15 OCT 1981	288	12:43:12	115.6	65496.3	-15.8	28.0	3.1	143.7
1805	NSSD56	7	219	84	1045	15 OCT 1981	288	20:10:28	121.4	51679.3	5.0	22.3	3.1	144.2
1806	NSSD56	8	200	119	1045	16 OCT 1981	289	06:35:26	108.7	46757.5	-34.8	34.3	3.2	144.9
1808	NSSD56	9	214	79	1046	16 OCT 1981	289	20:09:25	123.0	51733.3	4.9	22.3	3.2	145.8
1809	NSSD56	10	201	117	1046	17 OCT 1981	290	06:34:30	109.9	46653.1	-34.9	34.4	3.2	146.5
1810	NSSD56	11	269	99	1046	17 OCT 1981	290	12:40:09	118.6	65455.3	-16.0	28.0	3.2	146.9
1811	NSSD56	12	218	78	1047	17 OCT 1981	290	20:08:18	124.5	51787.2	4.9	22.3	3.2	147.4
1812	NSSD56	13	199	113	1047	18 OCT 1981	291	06:33:32	111.2	46582.5	-35.0	34.4	3.2	148.1
1813	NSSD56	14	266	95	1047	18 OCT 1981	291	12:38:32	120.1	65434.1	-16.0	28.0	3.2	148.5
1814	NSSD57	1	217	76	1048	18 OCT 1981	291	20:07:10	126.1	51840.7	4.8	22.3	3.2	149.0
1815	NSSD57	2	196	110	1048	19 OCT 1981	292	06:32:37	112.4	46511.6	-35.0	34.4	3.3	149.7
1817	NSSD57	3	218	74	1049	19 OCT 1981	292	20:06:16	127.7	51922.0	4.8	22.3	3.3	150.6
1818	NSSD57	4	195	108	1049	20 OCT 1981	293	06:31:57	113.6	46440.4	-35.1	34.5	3.3	151.3
1820	NSSD57	5	217	71	1050	20 OCT 1981	293	20:05:20	129.2	51974.9	4.7	22.3	3.3	152.2
1821	NSSD57	6	195	105	1050	21 OCT 1981	294	06:31:12	114.9	46437.7	-35.1	34.5	3.3	152.8
1822	NSSD57	7	269	89	1050	21 OCT 1981	294	12:34:41	124.6	65372.3	-16.2	28.1	3.3	153.2
1823	NSSD57	8	219	70	1051	21 OCT 1981	294	20:04:33	130.8	52055.4	4.7	22.3	3.3	153.7
1824	NSSD57	9	192	101	1051	22 OCT 1981	295	06:30:38	116.1	46331.8	-35.1	34.5	3.3	154.4
1825	NSSD57	10	266	86	1051	22 OCT 1981	295	12:33:40	126.1	65354.3	-16.2	28.1	3.3	154.8
1826	NSSD57	11	215	66	1052	22 OCT 1981	295	20:03:45	132.3	52135.5	4.6	22.3	3.3	155.3
1827	NSSD57	12	196	101	1052	23 OCT 1981	296	06:29:58	117.3	46259.9	-35.2	34.6	3.3	156.0
1829	NSSD57	13	217	65	1053	23 OCT 1981	296	20:02:52	133.9	52160.1	4.6	22.3	3.3	156.9
1830	NSSD57	14	195	99	1053	24 OCT 1981	297	06:29:16	118.6	46257.1	-35.2	34.6	3.4	157.6
1831	NSSD58	1	262	81	1053	24 OCT 1981	297	12:31:12	129.1	65327.5	-16.3	28.1	3.4	158.0
1832	NSSD58	2	212	62	1054	24 OCT 1981	297	20:01:52	135.5	52236.7	4.5	22.3	3.4	158.5
1833	NSSD58	3	193	96	1054	25 OCT 1981	298	06:28:31	119.7	46151.1	-35.3	34.6	3.4	159.2
1834	NSSD58	4	264	80	1054	25 OCT 1981	298	12:29:59	130.6	65293.1	-16.3	28.1	3.4	159.6
1835	NSSD58	5	216	62	1055	25 OCT 1981	298	20:01:06	137.0	52232.6	4.6	22.3	3.4	160.1
1836	NSSD58	6	191	94	1055	26 OCT 1981	299	06:28:00	120.9	46147.9	-35.3	34.7	3.4	160.8
1837	NSSD58	7	215	59	1056	26 OCT 1981	299	20:00:18	138.6	52311.6	4.5	22.3	3.4	161.7
1838	NSSD58	8	185	88	1056	27 OCT 1981	300	06:27:23	122.1	46075.3	-35.3	34.7	3.4	162.3
1839	NSSD58	9	260	75	1056	27 OCT 1981	300	12:27:59	133.5	65259.4	-16.4	28.2	3.4	162.7
1840	NSSD58	10	212	57	1057	27 OCT 1981	300	19:59:39	140.2	52362.9	4.5	22.3	3.4	163.2
1841	NSSD58	11	182	86	1057	28 OCT 1981	301	06:26:59	123.3	45967.6	-35.4	34.7	3.4	163.9
1842	NSSD58	12	254	71	1057	28 OCT 1981	301	12:27:10	135.0	65255.7	-16.4	28.2	3.4	164.3
1843	NSSD58	13	211	55	1058	28 OCT 1981	301	19:58:59	141.7	52441.2	4.4	22.4	3.4	164.8
1844	NSSD58	14	186	86	1058	29 OCT 1981	302	06:26:30	124.4	45964.2	-35.4	34.8	3.4	165.5
1845	NSSD59	1	258	71	1058	29 OCT 1981	302	12:26:15	136.5	65235.7	-16.4	28.2	3.4	165.9
1846	NSSD59	2	211	53	1059	29 OCT 1981	302	19:58:18	143.3	52437.6	4.4	22.3	3.4	166.4
1847	NSSD59	3	183	84	1059	30 OCT 1981	303	06:26:05	125.6	45960.8	-35.4	34.8	3.4	167.1
1848	NSSD59	4	250	67	1059	30 OCT 1981	303	12:25:38	138.0	65220.9	-16.5	28.2	3.4	167.5
1849	NSSD59	5	211	52	1060	30 OCT 1981	303	19:57:58	144.8	52515.5	4.4	22.3	3.4	168.0
1850	NSSD59	6	181	81	1060	31 OCT 1981	304	06:25:57	126.7	45887.5	-35.4	34.8	3.4	168.7
1851	NSSD59	7	244	64	1060	31 OCT 1981	304	12:25:15	139.4	65217.1	-16.5	28.2	3.4	169.1
1853	NSSD59	8	247	63	1061	1 NOV 1981	305	12:24:33	140.9	65196.6	-16.5	28.2	3.4	170.7
1854	NSSD59	9	208	49	1062	1 NOV 1981	305	19:56:57	147.9	52589.4	4.3	22.3	3.4	171.2
1855	NSSD59	10	177	77	1062	2 NOV 1981	306	06:25:17	129.0	45880.3	-35.4	34.9	3.4	171.9
1857	NSSD59	11	183	43	1063	2 NOV 1981	306	19:56:21	149.5	52585.6	4.3	22.3	3.4	172.8

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SOLAR LAT	SOLAR LON
1858	NSSD59	12	176	76	1063	3 NOV 1981	307	06:24:55	130.0	45771.9	-35.5	34.9	3.4	173.5
1859	NSSD59	13	243	60	1063	3 NOV 1981	307	12:23:02	143.8	65171.8	-16.5	28.2	3.4	173.9
1862	NSSD59	14	239	58	1064	4 NOV 1981	308	12:22:17	145.2	65150.9	-16.6	28.2	3.3	175.4
1864	NSSD60	1	172	68	1065	5 NOV 1981	309	06:43:32	133.4	47599.7	-34.1	34.3	3.3	176.7
1866	NSSD60	2	166	70	1066	6 NOV 1981	310	06:24:07	133.2	45761.6	-35.5	34.9	3.3	178.2
1867	NSSD60	3	227	54	1066	6 NOV 1981	310	12:21:09	148.0	65125.6	-16.6	28.3	3.3	178.6
1869	NSSD60	4	155	65	1067	7 NOV 1981	311	06:23:47	134.2	45652.7	-35.6	35.0	3.3	179.8
1870	NSSD60	5	212	49	1067	7 NOV 1981	311	12:20:20	149.4	65104.2	-16.6	28.3	3.3	-179.8
1873	NSSD60	6	200	46	1068	8 NOV 1981	312	12:19:34	150.8	65088.3	-16.6	28.3	3.3	-178.2
1875	NSSD60	7	153	63	1069	9 NOV 1981	313	06:23:13	136.2	45645.2	-35.6	35.0	3.2	-177.0
1876	NSSD60	8	212	48	1069	9 NOV 1981	313	12:09:02	151.8	64903.5	-17.1	28.4	3.2	-176.6
1878	NSSD60	9	148	61	1070	10 NOV 1981	314	06:23:01	137.2	45641.5	-35.6	35.0	3.2	-175.4
1879	NSSD60	10	173	40	1070	10 NOV 1981	314	12:18:29	153.5	65062.4	-16.7	28.3	3.2	-175.0
1881	NSSD60	11	144	60	1071	11 NOV 1981	315	06:22:50	138.0	45532.1	-35.6	35.1	3.2	-173.8
1882	NSSD60	12	170	38	1071	11 NOV 1981	315	12:17:53	154.7	65040.3	-16.7	28.3	3.2	-173.4
1884	NSSD60	13	139	58	1072	12 NOV 1981	316	06:22:35	138.9	45528.5	-35.6	35.1	3.2	-172.2
1885	NSSD60	14	162	36	1072	12 NOV 1981	316	12:17:12	156.0	65036.4	-16.7	28.3	3.1	-171.8
1887	NSSD61	1	131	55	1073	13 NOV 1981	317	06:22:23	139.7	45525.0	-35.6	35.1	3.1	-170.6
1888	NSSD61	2	142	33	1073	13 NOV 1981	317	12:16:37	157.3	65014.3	-16.7	28.3	3.1	-170.2
1890	NSSD61	3	137	57	1074	14 NOV 1981	318	06:22:11	140.5	45486.1	-35.6	35.1	3.1	-169.0
1891	NSSD61	4	149	33	1074	14 NOV 1981	318	12:16:00	158.5	65004.4	-16.7	28.3	3.1	-168.6
1893	NSSD61	5	132	38	1075	15 NOV 1981	319	09:40:00	153.1	59889.9	-23.7	30.6	3.0	-167.2
1894	NSSD61	6	63	31	1090	30 NOV 1981	334	10:02:32	158.7	60810.9	-22.5	30.2	2.2	-143.3
1896	NSSD61	7	78	58	1092	2 DEC 1981	336	07:42:46	151.2	52371.5	-30.0	32.8	2.0	-140.2
1898	NSSD61	8	121	37	1095	5 DEC 1981	339	10:00:45	154.8	60693.2	-22.5	30.1	1.8	-135.2
1899	NSSD61	9	127	37	1096	6 DEC 1981	340	10:00:35	153.9	60676.3	-22.6	30.1	1.7	-133.6
1901	NSSD61	10	118	50	1098	8 DEC 1981	342	07:41:27	147.4	52255.1	-30.0	32.8	1.5	-130.6
1902	NSSD61	11	160	44	1099	9 DEC 1981	343	10:00:00	150.6	60673.6	-22.5	30.1	1.4	-128.8
1903	NSSD61	12	131	51	1100	10 DEC 1981	344	07:41:17	145.7	52253.8	-30.0	32.7	1.4	-127.4
1904	NSSD61	13	129	47	1101	11 DEC 1981	345	07:41:18	144.7	52253.4	-30.0	32.7	1.3	-125.8
1906	NSSD61	14	195	52	1103	13 DEC 1981	347	10:03:05	145.8	60797.1	-22.3	30.0	1.1	-122.4
1907	NSSD61	15	200	54	1104	14 DEC 1981	348	10:06:37	144.5	60920.2	-22.2	30.0	1.0	-120.8
1908	NSSD61	16	164	57	1105	15 DEC 1981	349	07:43:01	140.6	52360.4	-29.9	32.6	0.9	-119.4
1909	NSSD61	17	209	58	1106	16 DEC 1981	350	10:03:16	141.8	60796.5	-22.3	30.0	0.8	-117.6
1910	NSSD61	18	174	61	1107	17 DEC 1981	351	07:44:08	138.4	52469.1	-29.8	32.6	0.7	-116.1
1911	NSSD61	19	181	63	1108	18 DEC 1981	352	07:44:58	137.2	52469.4	-29.8	32.5	0.6	-114.5
1912	NSSD61	20	185	66	1109	19 DEC 1981	353	07:45:41	136.0	52550.9	-29.7	32.5	0.5	-112.9
1913	NSSD61	21	187	67	1110	20 DEC 1981	354	07:46:12	134.8	52632.0	-29.6	32.5	0.4	-111.3
1914	NSSD61	22	196	71	1111	21 DEC 1981	355	07:47:11	133.6	52712.9	-29.6	32.4	0.3	-109.7
1915	NSSD61	23	196	72	1112	22 DEC 1981	356	07:48:08	132.3	52793.6	-29.5	32.4	0.3	-108.1
1916	NSSD61	24	194	73	1113	23 DEC 1981	357	07:49:08	131.1	52873.9	-29.4	32.4	0.2	-106.5
1917	NSSD61	25	202	77	1114	24 DEC 1981	358	07:50:18	129.8	52953.3	-29.4	32.3	0.1	-104.9
1918	NSSD61	26	204	78	1115	25 DEC 1981	359	07:51:27	128.5	53033.5	-29.3	32.3	0.0	-103.2
1919	NSSD61	27	203	81	1116	26 DEC 1981	360	07:52:51	127.1	53113.3	-29.2	32.2	-0.1	-101.6
1922	NSSD61	28	182	82	1119	29 DEC 1981	363	07:57:10	123.1	53506.6	-28.9	32.1	-0.4	-96.8
1925	NSSD61	29	207	96	1122	1 JAN 1982	001	07:27:55	118.9	51259.0	-30.7	32.7	-0.7	-92.0
1926	NSSD61	30	205	96	1123	2 JAN 1982	002	07:29:34	117.5	51430.2	-30.6	32.6	-0.8	-90.4
1927	NSSD61	31	210	102	1124	3 JAN 1982	003	07:31:33	116.1	51599.4	-30.5	32.6	-0.9	-88.7
1928	NSSD61	32	212	105	1125	4 JAN 1982	004	07:33:50	114.7	51768.1	-30.3	32.5	-1.0	-87.1
1935	NSSD61	33	224	127	1132	11 JAN 1982	011	07:52:04	104.7	53362.9	-29.1	32.1	-1.6	-75.8
1936	NSSD61	34	225	130	1133	12 JAN 1982	012	07:55:21	103.2	53596.1	-28.9	32.0	-1.7	-74.1
1937	NSSD61	35	226	133	1134	13 JAN 1982	013	07:58:49	101.8	53826.4	-28.7	31.9	-1.8	-72.5
1938	NSSD61	36	241	128	1135	14 JAN 1982	014	10:28:35	98.8	62037.8	-20.9	29.4	-1.9	-70.7
1940	NSSD61	37	259	135	1137	15 JAN 1982	015	13:51:32	95.3	65775.7	-12.2	27.0	-1.9	-68.9
1942	NSSD61	38	217	144	1137	16 JAN 1982	016	07:20:54	97.9	50953.9	-31.0	32.7	-2.0	-67.7

POLAR MAP	METRY	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK	CE DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT LON	SU LAT	LAR LON
1943		NSSD61	39	269	143	1138	16	JAN 1982	016 13:57:45	93.6	65767.7	-11.9 26.9	-2.0	-67.3
1945		NSSD61	40	217	147	1138	17	JAN 1982	017 07:24:26	96.4	51298.2	-30.8 32.6	-2.1	-66.1
1946		NSSD61	41	270	147	1139	17	JAN 1982	017 14:03:10	92.0	65752.1	-11.7 26.8	-2.1	-65.6
1947		NSSD61	42	207	143	1139	17	JAN 1982	017 20:35:27	87.2	49090.7	7.9 21.7	-2.1	-65.2
1948		NSSD61	43	220	151	1139	18	JAN 1982	018 07:27:44	94.9	51581.4	-30.6 32.6	-2.2	-64.4
1949		NSSD61	44	270	151	1140	18	JAN 1982	018 14:08:48	90.3	65732.0	-11.4 26.8	-2.2	-64.0
1951		NSSD61	45	221	155	1140	19	JAN 1982	019 07:31:47	93.4	51888.9	-30.3 32.5	-2.2	-62.8
1952		NSSD61	46	270	154	1141	19	JAN 1982	019 14:14:44	88.7	65704.0	-11.2 26.7	-2.3	-62.4
1953		NSSD61	47	204	150	1141	19	JAN 1982	019 20:41:54	83.9	48525.3	8.4 21.6	-2.3	-61.9
1954		NSSD61	48	160	128	1141	20	JAN 1982	020 07:24:05	92.1	51355.3	-30.7 32.6	-2.3	-61.2
1960		NSSD61	49	215	156	1143	21	JAN 1982	021 20:08:19	81.2	51265.1	6.2 22.2	-2.4	-58.7
1961		NSSD61	50	205	160	1143	22	JAN 1982	022 06:40:55	90.1	47594.6	-33.7 33.7	-2.4	-58.0
1962		NSSD61	51	267	160	1143	22	JAN 1982	022 12:15:52	85.2	65022.6	-16.2 28.1	-2.5	-57.6
1963		NSSD61	52	213	159	1144	22	JAN 1982	022 20:12:10	79.6	50920.3	6.4 22.1	-2.5	-57.1
1964		NSSD61	53	206	163	1144	23	JAN 1982	023 06:44:34	88.6	47985.4	-33.4 33.6	-2.5	-56.4
1965		NSSD61	54	267	163	1144	23	JAN 1982	023 12:22:08	83.5	65135.9	-15.9 28.0	-2.5	-56.0
1967		NSSD61	55	268	167	1145	24	JAN 1982	024 12:27:29	81.9	65214.4	-15.6 27.9	-2.6	-54.4
1968		NSSD61	56	211	165	1146	24	JAN 1982	024 20:18:47	76.3	50920.9	6.8 22.0	-2.6	-53.8
1971		NSSD61	57	211	168	1147	25	JAN 1982	025 20:21:52	74.6	50094.9	7.1 21.9	-2.7	-52.2
1972		NSSD61	58	209	173	1147	26	JAN 1982	026 06:53:44	84.2	48843.9	-32.8 33.4	-2.7	-51.5
1973		NSSD61	59	262	169	1147	26	JAN 1982	026 12:38:01	78.6	65368.4	-15.2 27.8	-2.7	-51.1
1974		NSSD61	60	203	169	1149	27	JAN 1982	027 20:12:11	71.3	49487.9	7.6 21.8	-2.8	-48.9
1976		NSSD61	61	266	178	1149	28	JAN 1982	028 12:48:35	75.3	65485.6	-14.7 27.7	-2.8	-47.8
1977		NSSD61	62	208	176	1150	28	JAN 1982	028 20:30:51	69.7	49271.5	7.7 21.7	-2.8	-47.3
1978		NSSD61	63	212	183	1150	29	JAN 1982	029 07:03:13	79.8	49795.6	-32.0 33.1	-2.9	-46.6
1979		NSSD61	64	267	182	1150	29	JAN 1982	029 12:53:52	73.7	65533.0	-14.5 27.6	-2.9	-46.2
1980		NSSD61	65	211	178	1151	29	JAN 1982	029 20:12:33	68.3	50798.1	6.5 22.1	-2.9	-45.7
1981		NSSD61	66	215	187	1151	30	JAN 1982	030 07:07:03	78.3	50154.8	-31.7 33.1	-2.9	-45.0
1982		NSSD61	67	268	185	1151	30	JAN 1982	030 13:00:04	72.0	65596.0	-14.2 27.6	-2.9	-44.6
1983		NSSD61	68	204	182	1152	30	JAN 1982	030 20:37:25	66.4	48612.6	8.2 21.6	-2.9	-44.1
1984		NSSD61	69	211	189	1153	1	FEB 1982	032 07:14:35	75.3	50770.2	-31.3 32.9	-3.0	-41.7
1985		NSSD62	1	261	186	1153	1	FEB 1982	032 13:11:30	68.7	65671.3	-13.8 27.4	-3.0	-41.3
1986		NSSD62	2	209	187	1154	1	FEB 1982	032 20:22:21	63.4	49905.8	7.2 21.9	-3.0	-40.8
1987		NSSD62	3	217	196	1154	2	FEB 1982	033 07:17:22	73.8	51057.6	-31.0 32.8	-3.0	-40.1
1988		NSSD62	4	268	194	1154	2	FEB 1982	033 13:16:04	67.0	65699.9	-13.5 27.4	-3.1	-39.7
1990		NSSD62	5	164	169	1155	3	FEB 1982	034 07:20:42	72.3	51284.7	-30.8 32.8	-3.1	-38.5
1991		NSSD62	6	269	195	1155	3	FEB 1982	034 11:47:26	66.8	64520.4	-17.3 28.4	-3.1	-38.2
1992		NSSD62	7	221	194	1156	3	FEB 1982	034 19:52:27	60.5	52309.3	5.3 22.4	-3.1	-37.6
1993		NSSD62	8	205	202	1157	5	FEB 1982	036 06:27:37	71.4	46609.2	-34.6 34.2	-3.2	-35.3
1994		NSSD62	9	269	201	1157	5	FEB 1982	036 11:54:50	63.5	64663.7	-17.0 28.4	-3.2	-34.9
1998		NSSD62	10	186	217	1165	13	FEB 1982	044 06:03:33	62.1	44334.2	-36.3 35.1	-3.4	-22.3
1999		NSSD62	11	191	226	1167	15	FEB 1982	046 06:05:59	59.5	44547.7	-36.2 35.0	-3.4	-19.0
2000		NSSD62	12	192	232	1169	17	FEB 1982	048 06:08:34	56.9	44830.1	-36.0 35.0	-3.4	-15.8
2001		NSSD62	13	188	231	1171	19	FEB 1982	050 06:10:11	54.4	45074.0	-35.8 34.9	-3.4	-12.5
2002		NSSD62	14	192	241	1173	21	FEB 1982	052 06:12:19	51.9	45280.3	-35.6 34.9	-3.4	-9.3
2003		NSSD62	15	187	241	1175	23	FEB 1982	054 06:14:30	49.5	45449.6	-35.4 34.9	-3.4	-6.1
2004		NSSD62	16	178	231	1177	25	FEB 1982	056 06:15:56	47.3	45548.9	-35.3 34.8	-3.3	-2.8
2005		NSSD62	17	186	247	1179	27	FEB 1982	058 06:17:26	45.0	45751.4	-35.1 34.8	-3.3	0.4
2006		NSSD62	18	187	251	1181	1	MAR 1982	060 06:18:27	42.9	45848.5	-35.0 34.8	-3.2	3.7
2007		NSSD62	19	178	248	1182	2	MAR 1982	061 06:08:10	42.8	44784.9	-35.9 35.1	-3.2	5.3
2010		NSSD62	20	184	254	1185	5	MAR 1982	064 06:07:05	40.2	44666.5	-35.9 35.2	-3.1	10.1
2011		NSSD62	21	186	260	1186	6	MAR 1982	065 06:07:13	39.4	44663.1	-35.9 35.2	-3.1	11.7
2012		NSSD62	22	188	264	1187	7	MAR 1982	066 06:07:12	38.6	44659.8	-35.9 35.2	-3.0	13.3
2013		NSSD62	23	188	266	1188	8	MAR 1982	067 06:07:23	37.9	44620.4	-35.9 35.2	-3.0	15.0
2014		NSSD62	24	187	266	1189	9	MAR 1982	068 06:07:30	37.2	44617.5	-35.9 35.2	-2.9	16.6

POLARIMETRY
MAP

TAPE

FILE

DATA
GROUPS

BLOCKS

ORBIT

DISK CENTER
DATE DOYTIME
S/C UTPHASE
ANGLESPACECRAFT
ALTITUDE(KM)SUBSPACECRAFT
LAT LONSUN
LAT LON

2015	NSSD62	25	187	267	1190	10 MAR 1982	069	06:07:47	36.6	44615.2	-35.9	35.2	-2.9	18.2
2016	NSSD62	26	184	266	1191	11 MAR 1982	070	06:07:50	36.0	44612.3	-35.9	35.2	-2.8	19.8
2018	NSSD62	27	236	152	1251	10 MAY 1982	130	09:16:59	86.5	59125.2	-23.5	30.3	2.2	115.5
2020	NSSD62	28	244	154	1252	11 MAY 1982	131	09:15:56	88.0	59089.1	-23.5	30.3	2.2	117.1
2022	NSSD62	29	241	149	1253	12 MAY 1982	132	09:14:57	89.4	59052.7	-23.6	30.3	2.3	118.7
2024	NSSD62	30	240	142	1254	13 MAY 1982	133	09:45:16	91.3	60559.5	-22.0	29.8	2.4	120.3
2025	NSSD62	31	259	143	1255	14 MAY 1982	134	10:58:47	93.7	63285.4	-18.6	28.8	2.4	122.0
2026	NSSD62	32	248	134	1256	15 MAY 1982	135	10:57:09	95.2	63264.3	-18.7	28.9	2.5	123.5
2027	NSSD62	33	260	138	1257	16 MAY 1982	136	10:55:31	96.7	63221.2	-18.7	28.9	2.6	125.1
2029	NSSD62	34	252	132	1258	17 MAY 1982	137	10:41:08	98.1	62774.2	-19.4	29.1	2.6	126.7
2031	NSSD62	35	256	132	1259	18 MAY 1982	138	10:38:13	99.5	62679.4	-19.5	29.1	2.7	128.3
2032	NSSD62	36	254	129	1260	19 MAY 1982	139	10:36:30	101.0	62630.8	-19.6	29.1	2.7	129.8
2034	NSSD62	37	257	127	1261	20 MAY 1982	140	10:34:41	102.5	62557.6	-19.7	29.2	2.8	131.4
2036	NSSD62	38	255	123	1262	21 MAY 1982	141	10:32:52	103.9	62495.5	-19.8	29.2	2.8	133.0
2037	NSSD62	39	190	137	1263	22 MAY 1982	142	06:01:06	99.6	44731.9	-35.7	34.6	2.9	134.3
2039	NSSD62	40	258	117	1264	23 MAY 1982	143	11:01:02	107.4	63431.7	-18.4	28.8	2.9	136.2
2041	NSSD62	41	255	115	1265	24 MAY 1982	144	10:26:20	108.4	62305.0	-20.0	29.3	3.0	137.7
2042	NSSD62	42	160	118	1266	25 MAY 1982	145	05:57:18	103.3	44402.8	-36.0	34.7	3.0	139.0
2043	NSSD62	43	248	111	1266	25 MAY 1982	145	10:24:26	109.8	62240.5	-20.1	29.3	3.0	139.3
2044	NSSD62	44	255	110	1267	26 MAY 1982	146	10:22:05	111.3	62175.2	-20.2	29.3	3.1	140.9
2048	NSSD62	45	251	104	1269	28 MAY 1982	148	10:16:39	114.1	61962.3	-20.4	29.4	3.1	144.1
2050	NSSD62	46	246	99	1270	29 MAY 1982	149	10:13:37	115.6	61853.2	-20.6	29.5	3.2	145.6
2052	NSSD62	47	251	100	1271	30 MAY 1982	150	10:10:58	117.0	61742.5	-20.7	29.5	3.2	147.2
2054	NSSD62	48	249	96	1272	31 MAY 1982	151	10:08:22	118.4	61671.4	-20.8	29.6	3.2	148.8
2056	NSSD62	49	245	92	1273	1 JUN 1982	152	10:06:29	119.8	61585.8	-20.9	29.6	3.3	150.4
2057	NSSD62	50	247	91	1274	2 JUN 1982	153	10:04:17	121.3	61527.1	-21.0	29.6	3.3	152.0
2059	NSSD62	51	246	89	1275	3 JUN 1982	154	10:02:11	122.7	61439.7	-21.1	29.7	3.3	153.5
2061	NSSD62	52	242	85	1276	4 JUN 1982	155	09:59:56	124.1	61308.1	-21.2	29.7	3.3	155.1
2063	NSSD62	53	244	84	1277	5 JUN 1982	156	09:57:59	125.5	61247.5	-21.3	29.7	3.3	156.7
2064	NSSD62	54	235	80	1278	6 JUN 1982	157	09:56:22	126.9	61201.2	-21.3	29.8	3.4	158.3
2069	NSSD62	55	236	75	1281	9 JUN 1982	160	09:50:24	131.1	60954.1	-21.6	29.9	3.4	163.0
2071	NSSD62	56	234	73	1282	10 JUN 1982	161	09:48:41	132.4	60860.2	-21.7	29.9	3.4	164.6
2073	NSSD63	1	234	71	1283	11 JUN 1982	162	09:46:59	133.8	60765.3	-21.8	29.9	3.4	166.2
2075	NSSD63	2	231	69	1284	12 JUN 1982	163	09:45:17	135.2	60731.0	-21.8	30.0	3.4	167.8
2079	NSSD63	3	224	64	1286	14 JUN 1982	165	09:42:19	137.8	60600.2	-21.9	30.0	3.4	171.0
2081	NSSD63	4	214	60	1287	15 JUN 1982	166	09:41:02	139.2	60550.4	-22.0	30.0	3.4	172.6
2082	NSSD63	5	215	59	1288	16 JUN 1982	167	09:39:47	140.5	60452.9	-22.1	30.1	3.4	174.2
2086	NSSD63	6	206	55	1290	18 JUN 1982	169	09:36:34	143.0	60318.1	-22.2	30.1	3.3	177.3
2088	NSSD63	7	207	54	1291	19 JUN 1982	170	09:35:23	144.3	60266.2	-22.2	30.1	3.3	178.9
2089	NSSD63	8	197	51	1292	20 JUN 1982	171	09:34:14	145.5	60214.0	-22.3	30.2	3.3	-179.5
2091	NSSD63	9	189	49	1293	21 JUN 1982	172	09:33:09	146.8	60145.4	-22.3	30.2	3.3	-177.9
2093	NSSD63	10	189	48	1294	22 JUN 1982	173	09:31:58	147.9	60060.1	-22.4	30.2	3.2	-176.3
2094	NSSD63	11	132	58	1296	24 JUN 1982	175	05:42:07	136.9	42946.9	-37.0	35.7	3.2	-173.4
2096	NSSD63	12	142	36	1297	25 JUN 1982	176	09:59:05	152.6	61263.2	-21.0	29.8	3.1	-171.5
2097	NSSD63	13	116	59	1298	26 JUN 1982	177	05:29:25	137.4	41508.6	-38.2	36.2	3.1	-170.2
2098	NSSD63	14	160	40	1298	26 JUN 1982	177	09:58:29	153.7	61216.5	-21.1	29.8	3.1	-169.9
2099	NSSD63	15	111	58	1299	27 JUN 1982	178	05:29:02	138.2	41505.5	-38.2	36.2	3.1	-168.6
2100	NSSD63	16	130	34	1299	27 JUN 1982	178	09:57:43	154.8	61184.3	-21.1	29.8	3.1	-168.3
2101	NSSD63	17	106	57	1300	28 JUN 1982	179	05:28:31	138.8	41344.4	-38.3	36.3	3.0	-167.0
2102	NSSD63	18	132	34	1300	28 JUN 1982	179	09:56:48	155.8	61123.2	-21.1	29.8	3.0	-166.7
2103	NSSD63	19	111	57	1301	29 JUN 1982	180	05:28:08	139.5	41341.4	-38.3	36.3	3.0	-165.4
2104	NSSD63	20	111	30	1301	29 JUN 1982	180	09:56:03	156.7	61119.8	-21.1	29.8	3.0	-165.1
2110	NSSD63	21	142	31	1319	16 JUL 1982	197	19:49:05	157.1	51457.9	7.3	21.7	1.9	-137.3
2121	NSSD63	22	188	45	1325	22 JUL 1982	203	19:53:08	148.1	51201.5	7.6	21.7	1.4	-127.7
2125	NSSD63	23	181	45	1327	24 JUL 1982	205	19:55:29	145.0	51031.4	7.8	21.6	1.2	-124.5

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUBSOLAR LAT	SUBSOLAR LON
2127	NSSD63	24	199	51	1328	25 JUL 1982	206	19:56:36	143.5	50974.5	7.8	21.6	1.1	-122.9
2129	NSSD63	25	200	53	1329	26 JUL 1982	207	19:57:33	141.9	50892.0	7.9	21.6	1.0	-121.3
2134	NSSD63	26	205	61	1333	30 JUL 1982	211	20:02:31	135.6	50462.1	8.3	21.5	0.6	-114.8
2136	NSSD63	27	204	62	1334	31 JUL 1982	212	20:04:17	134.0	50316.9	8.5	21.5	0.6	-113.2
2138	NSSD63	28	205	65	1335	1 AUG 1982	213	20:05:40	132.4	50229.7	8.6	21.5	0.5	-111.6
2143	NSSD63	29	205	71	1338	4 AUG 1982	216	20:10:12	127.6	49788.1	8.9	21.4	0.2	-106.8
2146	NSSD63	30	201	75	1340	6 AUG 1982	218	20:13:37	124.4	49493.6	9.2	21.4	0.0	-103.5
2148	NSSD63	31	203	78	1341	7 AUG 1982	219	20:15:40	122.8	49312.7	9.4	21.4	-0.1	-101.9
2150	NSSD63	32	205	81	1342	8 AUG 1982	220	20:17:23	121.2	49161.2	9.5	21.3	-0.2	-100.3
2152	NSSD63	33	202	82	1343	9 AUG 1982	221	20:19:20	119.6	48947.2	9.7	21.3	-0.3	-98.7
2154	NSSD63	34	221	87	1345	11 AUG 1982	223	19:05:43	118.1	54702.7	4.8	22.6	-0.5	-95.6
2156	NSSD63	35	218	92	1347	13 AUG 1982	225	19:10:50	114.8	54319.1	5.2	22.6	-0.7	-92.3
2158	NSSD63	36	223	97	1348	14 AUG 1982	226	19:13:28	113.2	54100.1	5.4	22.5	-0.8	-90.7
2160	NSSD63	37	222	99	1349	15 AUG 1982	227	19:16:04	111.5	53878.4	5.5	22.5	-0.9	-89.1
2164	NSSD63	38	220	107	1352	18 AUG 1982	230	19:24:42	106.6	53277.7	6.1	22.4	-1.1	-84.2
2166	NSSD63	39	211	110	1354	20 AUG 1982	232	19:29:18	103.3	52864.7	6.4	22.3	-1.3	-81.0
2168	NSSD63	40	218	116	1355	21 AUG 1982	233	19:31:28	101.7	52707.9	6.5	22.3	-1.4	-79.4
2170	NSSD63	41	217	119	1356	22 AUG 1982	234	19:34:23	100.1	52443.3	6.8	22.2	-1.5	-77.7
2171	NSSD63	42	254	123	1358	24 AUG 1982	236	15:31:49	100.0	64095.1	-5.8	25.4	-1.7	-74.8
2173	NSSD63	43	214	128	1359	25 AUG 1982	237	19:42:18	95.1	51767.5	7.3	22.1	-1.7	-72.9
2174	NSSD63	44	219	131	1360	26 AUG 1982	238	19:21:39	93.9	53361.0	6.0	22.4	-1.8	-71.3
2176	NSSD63	45	210	132	1361	27 AUG 1982	239	19:47:16	91.9	51351.8	7.6	22.0	-1.9	-69.6
2178	NSSD63	46	209	135	1362	28 AUG 1982	240	19:49:46	90.2	51155.0	7.8	22.0	-2.0	-68.0
2180	NSSD63	47	210	139	1363	29 AUG 1982	241	19:52:42	88.6	50899.6	8.0	21.9	-2.1	-66.4
2183	NSSD63	48	256	147	1365	31 AUG 1982	243	16:00:10	88.3	63308.0	-4.5	25.1	-2.2	-63.4
2184	NSSD63	49	197	145	1366	1 SEP 1982	244	20:21:45	83.4	48344.8	10.1	21.4	-2.3	-61.5
2185	NSSD63	50	193	146	1367	2 SEP 1982	245	20:24:05	81.7	48058.8	10.3	21.3	-2.4	-59.8
2186	NSSD63	51	195	149	1368	3 SEP 1982	246	20:26:19	80.1	47866.3	10.5	21.3	-2.4	-58.2
2187	NSSD63	52	198	157	1369	4 SEP 1982	247	20:28:41	78.5	47672.5	10.6	21.2	-2.5	-56.6
2192	NSSD63	53	202	169	1374	9 SEP 1982	252	19:51:19	71.0	50751.8	8.1	21.9	-2.8	-48.5
2193	NSSD63	54	213	173	1375	10 SEP 1982	253	19:28:29	69.7	52521.5	6.6	22.3	-2.8	-46.9
2195	NSSD63	55	214	183	1378	13 SEP 1982	256	19:35:24	64.8	51924.0	7.1	22.1	-3.0	-42.0
2196	NSSD63	56	212	185	1379	14 SEP 1982	257	19:37:37	63.2	51782.5	7.2	22.1	-3.0	-40.4
2203	NSSD63	57	211	129	1476	20 DEC 1982	354	19:15:45	92.5	52846.8	7.1	22.3	2.1	115.1
2205	NSSD63	58	211	128	1477	21 DEC 1982	355	19:34:15	94.4	51365.2	8.4	21.9	2.2	116.7
2217	NSSD63	59	197	70	1498	11 JAN 1983	011	19:48:15	127.0	49752.3	9.6	21.5	3.3	149.9
2219	NSSD63	60	200	68	1499	12 JAN 1983	012	19:45:31	128.5	50015.9	9.4	21.6	3.3	151.5
2221	NSSD63	61	201	63	1502	15 JAN 1983	015	19:36:53	133.1	50700.3	8.8	21.7	3.3	156.2
2223	NSSD63	62	203	62	1503	16 JAN 1983	016	19:34:17	134.6	50840.1	8.7	21.7	3.4	157.8
2252	NSSD63	63	144	57	1556	11 MAR 1983	070	06:04:40	137.8	46727.9	-32.6	33.8	0.8	-116.9
2253	NSSD63	64	136	61	1557	12 MAR 1983	071	05:29:46	135.5	43219.3	-35.6	34.9	0.7	-115.3
2255	NSSD63	65	143	63	1558	13 MAR 1983	072	05:29:54	134.4	43220.0	-35.6	34.9	0.6	-113.7
2256	NSSD63	66	217	59	1558	13 MAR 1983	072	10:07:00	139.1	61953.0	-18.2	29.0	0.6	-113.4
2257	NSSD63	67	153	61	1559	14 MAR 1983	073	06:05:22	134.5	46828.2	-32.5	33.7	0.5	-112.1
2259	NSSD63	68	154	68	1561	16 MAR 1983	075	05:30:39	131.2	43370.6	-35.5	34.8	0.3	-108.9
2260	NSSD63	69	234	69	1561	16 MAR 1983	075	10:09:17	134.6	62042.3	-18.1	28.9	0.3	-108.6
2261	NSSD63	70	155	71	1562	17 MAR 1983	076	05:31:00	130.1	43482.3	-35.4	34.7	0.2	-107.3
2262	NSSD63	71	233	70	1562	17 MAR 1983	076	10:10:15	133.1	62080.1	-18.0	28.9	0.2	-107.0
2263	NSSD63	72	172	71	1563	18 MAR 1983	077	06:06:58	129.8	46963.7	-32.4	33.6	0.1	-105.6
2264	NSSD63	73	160	75	1564	19 MAR 1983	078	05:31:58	127.8	43521.2	-35.3	34.7	0.0	-104.0
2265	NSSD63	74	238	75	1564	19 MAR 1983	078	10:12:43	130.1	62155.2	-17.9	28.9	0.0	-103.7
2266	NSSD63	75	161	77	1565	20 MAR 1983	079	05:32:14	126.7	43632.5	-35.2	34.6	-0.1	-102.4
2267	NSSD63	76	240	77	1565	20 MAR 1983	079	10:13:30	128.6	62192.5	-17.9	28.9	-0.1	-102.1
2268	NSSD63	77	179	78	1566	21 MAR 1983	080	06:08:15	126.0	47163.0	-32.2	33.5	-0.2	-100.8
2269	NSSD63	78	167	82	1567	22 MAR 1983	081	05:32:52	124.2	43670.2	-35.2	34.6	-0.3	-99.2

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	LONG	SUB LAT	LONG
2271	NSSD63	79	171	85	1568	23 MAR 1983	082	05:33:21	123.0	43781.0	-35.1	34.5	-0.4	-97.6
2272	NSSD63	80	234	81	1568	23 MAR 1983	082	10:16:53	124.0	62313.9	-17.7	28.8	-0.4	-97.3
2279	NSSD63	81	247	95	1572	27 MAR 1983	086	10:23:20	117.8	62571.1	-17.4	28.7	-0.8	-90.8
2285	NSSD63	82	183	107	1576	31 MAR 1983	090	05:38:45	112.7	44476.0	-34.5	34.2	-1.1	-84.7
2286	NSSD63	83	251	106	1576	31 MAR 1983	090	10:29:37	111.5	62794.7	-17.0	28.6	-1.1	-84.3
2287	NSSD63	84	184	111	1577	1 APR 1983	091	05:39:24	111.4	44584.0	-34.4	34.1	-1.2	-83.0
2288	NSSD63	85	250	109	1577	1 APR 1983	091	10:31:15	109.9	62849.0	-16.9	28.6	-1.2	-82.7
2289	NSSD63	86	185	114	1578	2 APR 1983	092	05:40:11	110.0	44726.7	-34.3	34.1	-1.3	-81.4
2290	NSSD63	87	253	113	1578	2 APR 1983	092	10:33:02	108.3	62923.1	-16.8	28.5	-1.3	-81.1
2291	NSSD63	88	195	112	1579	3 APR 1983	093	06:18:31	108.5	48356.2	-31.3	33.0	-1.4	-79.8
2318	NSSD63	89	238	159	1596	19 APR 1983	109	16:32:29	77.4	61170.6	-0.5	24.3	-2.6	-53.1
2319	NSSD63	90	245	162	1597	20 APR 1983	110	15:31:07	76.4	63206.3	-3.4	25.0	-2.7	-51.6
2321	NSSD64	1	229	153	1598	21 APR 1983	111	15:32:39	74.8	63166.2	-3.3	25.0	-2.7	-49.9
2323	NSSD64	2	236	167	1599	22 APR 1983	112	16:36:52	72.5	60954.0	-0.2	24.2	-2.8	-48.2
2324	NSSD64	3	239	171	1600	23 APR 1983	113	16:38:08	70.8	60880.0	-0.1	24.2	-2.9	-46.6
2325	NSSD64	4	246	174	1601	24 APR 1983	114	15:37:11	69.9	63001.1	-3.1	24.9	-2.9	-45.1
2329	NSSD64	5	243	178	1604	27 APR 1983	117	15:41:51	65.0	62861.4	-2.8	24.9	-3.0	-40.2
2331	NSSD64	6	236	182	1605	28 APR 1983	118	16:45:18	62.6	60516.7	0.3	24.1	-3.1	-38.5
2332	NSSD64	7	238	188	1606	29 APR 1983	119	16:46:30	61.0	60454.0	0.3	24.1	-3.1	-36.8
2333	NSSD64	8	245	188	1607	30 APR 1983	120	15:45:45	60.0	62705.4	-2.6	24.8	-3.2	-35.3
2335	NSSD64	9	195	198	1608	2 MAY 1983	122	05:58:27	68.3	47193.6	-32.4	33.5	-3.2	-32.7
2337	NSSD64	10	194	210	1613	7 MAY 1983	127	06:02:06	61.4	47634.8	-32.0	33.4	-3.3	-24.6
2338	NSSD64	11	191	200	1614	7 MAY 1983	127	19:39:15	46.9	49414.8	10.7	21.3	-3.3	-23.7
2339	NSSD64	12	195	215	1615	9 MAY 1983	129	06:03:05	58.7	47725.2	-31.9	33.4	-3.4	-21.3
2340	NSSD64	13	200	228	1622	16 MAY 1983	136	06:25:51	48.5	49703.4	-30.2	32.9	-3.4	-9.9
2342	NSSD64	14	184	239	1629	23 MAY 1983	143	05:46:42	42.7	46208.5	-33.1	34.1	-3.3	1.4
2343	NSSD64	15	199	228	1634	27 MAY 1983	147	19:28:45	18.3	50199.0	10.3	21.2	-3.1	8.8
2344	NSSD64	16	196	230	1638	31 MAY 1983	151	19:47:03	15.7	48573.6	11.7	20.8	-3.0	15.2
2345	NSSD64	17	199	227	1639	1 JUN 1983	152	19:25:45	13.8	50444.2	10.1	21.2	-2.9	16.8
2347	NSSD64	18	180	248	1643	6 JUN 1983	157	05:47:16	31.7	46205.7	-32.9	34.1	-2.7	24.0
2348	NSSD64	19	230	223	1645	8 JUN 1983	159	12:06:07	9.4	64811.7	-12.0	27.3	-2.5	27.6
2351	NSSD64	20	179	250	1649	12 JUN 1983	163	05:44:22	30.8	45857.8	-33.1	34.2	-2.3	33.6
2352	NSSD64	21	170	249	1655	18 JUN 1983	169	05:23:15	33.9	43705.8	-34.8	34.8	-1.8	43.2
2354	NSSD64	22	182	225	1665	28 JUN 1983	179	06:11:47	38.7	48321.6	-30.8	33.2	-1.0	59.2
2355	NSSD64	23	181	223	1672	5 JUL 1983	186	05:46:41	47.2	46057.6	-32.7	33.7	-0.3	70.3
2356	NSSD64	24	153	152	1681	13 JUL 1983	194	20:09:46	64.2	46555.9	14.1	20.5	0.5	84.0
2357	NSSD64	25	167	161	1684	16 JUL 1983	197	20:23:12	69.1	45131.7	15.3	20.2	0.7	88.7
2362	NSSD64	26	205	142	1696	28 JUL 1983	209	19:17:37	85.8	50771.9	10.4	21.6	1.8	107.6
2363	NSSD64	27	199	129	1699	31 JUL 1983	212	19:10:47	90.3	51249.1	10.0	21.7	2.0	112.4
2365	NSSD64	28	204	120	1701	2 AUG 1983	214	14:35:04	90.0	64162.9	-4.7	25.4	2.1	115.2
2366	NSSD64	29	204	120	1701	2 AUG 1983	214	19:15:17	93.5	50802.2	10.3	21.6	2.2	115.5
2367	NSSD64	30	191	109	1702	3 AUG 1983	215	15:21:41	92.1	63093.4	-2.6	24.9	2.2	116.9
2368	NSSD64	31	196	116	1702	3 AUG 1983	215	19:35:44	95.3	49138.4	11.8	21.3	2.2	117.1
2370	NSSD64	32	201	107	1704	5 AUG 1983	217	14:48:37	94.9	63886.7	-4.1	25.3	2.4	120.0
2371	NSSD64	33	195	109	1704	5 AUG 1983	217	19:14:38	98.1	50829.9	10.3	21.6	2.4	120.3
2376	NSSD64	34	180	92	1708	9 AUG 1983	221	19:13:44	104.2	50824.2	10.3	21.6	2.6	126.6
2380	NSSD64	35	211	84	1715	16 AUG 1983	228	15:19:18	112.6	63022.6	-2.6	24.9	3.0	137.4
2381	NSSD64	36	217	84	1716	17 AUG 1983	229	14:46:26	113.8	63843.3	-4.1	25.3	3.0	139.0
2382	NSSD64	37	195	85	1716	17 AUG 1983	229	19:31:39	116.7	49152.6	11.7	21.2	3.0	139.3
2385	NSSD64	38	195	73	1721	22 AUG 1983	234	19:14:27	124.2	50432.2	10.6	21.5	3.2	147.2
2388	NSSD64	39	242	77	1724	25 AUG 1983	237	15:42:51	127.1	62251.6	-1.4	24.6	3.3	151.7
2390	NSSD64	40	244	73	1726	27 AUG 1983	239	15:32:08	130.2	62550.0	-1.9	24.7	3.3	154.9
2391	NSSD64	41	241	70	1727	28 AUG 1983	240	15:26:57	131.7	62729.4	-2.1	24.8	3.3	156.4
2392	NSSD64	42	221	60	1729	30 AUG 1983	242	15:16:01	134.8	62998.5	-2.6	24.9	3.4	159.6
2393	NSSD64	43	176	51	1729	30 AUG 1983	242	19:29:29	136.3	49028.8	11.8	21.1	3.4	159.9

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK	CENTER	TIME	PHASE	SPACECRAFT	SUBSPACECRAFT	SUBS	AR	
						DATE	DOY	S/C UT	ANGLE	ALTITUDE(KM)	LAT	LOX	LAT	LOX
2395	NSSD64	44	205	53	1731	1 SEP 1983	244	15:48:04	138.3	61981.6	-1.0	24.4	3.4	162.8
2400	NSSD64	45	237	52	1737	7 SEP 1983	250	15:13:47	147.5	63040.5	-2.6	24.9	3.4	172.3
2401	NSSD64	46	158	39	1737	7 SEP 1983	250	19:27:31	147.9	49121.9	11.8	21.0	3.4	172.6
2405	NSSD64	47	140	34	1740	10 SEP 1983	253	19:46:40	151.6	47399.1	13.3	20.5	3.3	177.4
2410	NSSD64	48	92	25	1745	15 SEP 1983	258	19:39:18	157.9	48018.4	12.9	20.6	3.2	-174.7
2411	NSSD64	49	136	62	1791	31 OCT 1983	304	19:40:04	120.7	47841.1	13.7	20.6	-0.2	-101.0
2412	NSSD64	50	134	66	1793	2 NOV 1983	306	20:25:18	116.1	43456.0	17.6	19.6	-0.4	-97.7
2413	NSSD64	51	83	43	1795	4 NOV 1983	308	19:37:14	114.7	48034.7	13.6	20.7	-0.5	-94.6
2414	NSSD64	52	145	74	1796	5 NOV 1983	309	19:36:41	113.2	48098.5	13.5	20.8	-0.6	-92.9
2415	NSSD64	53	144	76	1797	6 NOV 1983	310	19:36:08	111.6	48068.5	13.6	20.8	-0.7	-91.3
2416	NSSD64	54	144	78	1798	7 NOV 1983	311	19:35:37	110.1	48132.2	13.5	20.8	-0.8	-89.7
2417	NSSD64	55	127	81	1800	9 NOV 1983	313	20:21:53	105.7	43688.2	17.4	19.8	-1.0	-86.4
2418	NSSD64	56	116	71	1801	10 NOV 1983	314	19:34:13	105.5	48171.0	13.5	20.8	-1.1	-84.9
2419	NSSD64	57	144	88	1803	12 NOV 1983	316	19:32:59	102.5	48328.4	13.3	20.9	-1.3	-81.6
2420	NSSD64	58	158	96	1804	13 NOV 1983	317	19:32:11	100.9	48298.4	13.3	20.9	-1.4	-80.0
2421	NSSD64	59	145	93	1805	14 NOV 1983	318	19:31:49	99.4	48361.2	13.3	20.9	-1.5	-78.4
2422	NSSD64	60	177	122	1807	16 NOV 1983	320	20:19:01	95.2	43694.3	17.3	19.8	-1.6	-75.1
2423	NSSD64	61	151	102	1808	17 NOV 1983	321	19:31:41	94.7	48270.3	13.3	20.9	-1.7	-73.5
2424	NSSD64	62	150	106	1810	19 NOV 1983	323	19:31:14	91.6	48240.2	13.4	20.9	-1.9	-70.3
2427	NSSD65	1	176	141	1814	23 NOV 1983	327	20:17:26	84.6	43696.9	17.3	19.9	-2.2	-63.7
2433	NSSD65	2	173	160	1821	30 NOV 1983	334	20:16:03	73.9	43585.2	17.3	19.9	-2.7	-52.4
2454	NSSD65	3	135	227	1857	6 JAN 1984	006	04:03:54	45.4	37942.2	-39.4	36.8	-3.2	6.6
2455	NSSD65	4	138	234	1858	7 JAN 1984	007	04:03:48	44.6	37939.8	-39.4	36.8	-3.1	8.2
2456	NSSD65	5	140	239	1859	8 JAN 1984	008	04:03:38	43.8	37937.5	-39.3	36.8	-3.1	9.8
2457	NSSD65	6	139	238	1860	9 JAN 1984	009	04:03:28	43.0	37935.1	-39.3	36.9	-3.1	11.4
2458	NSSD65	7	140	241	1861	10 JAN 1984	010	04:03:22	42.2	37933.0	-39.3	36.9	-3.0	13.0
2465	NSSD65	8	136	236	1877	26 JAN 1984	026	04:08:57	36.6	38421.2	-38.6	36.5	-2.1	38.8
2466	NSSD65	9	134	247	1878	27 JAN 1984	027	03:55:40	38.3	36822.0	-40.1	37.2	-2.0	40.4
2467	NSSD65	10	139	242	1879	28 JAN 1984	028	04:07:57	37.2	38293.5	-38.7	36.6	-1.9	42.0
2468	NSSD65	11	138	254	1880	29 JAN 1984	029	03:54:40	38.8	36688.5	-40.2	37.3	-1.8	43.6
2469	NSSD65	12	136	252	1881	30 JAN 1984	030	03:54:02	39.2	36688.4	-40.2	37.2	-1.7	45.2
2470	NSSD65	13	137	252	1882	31 JAN 1984	031	03:53:20	39.6	36555.1	-40.4	37.3	-1.7	46.8
2472	NSSD65	14	135	249	1885	3 FEB 1984	034	03:50:54	41.3	36197.8	-40.7	37.4	-1.4	51.6
2474	NSSD65	15	127	238	1886	4 FEB 1984	035	03:50:08	41.9	36198.0	-40.7	37.3	-1.3	53.2
2475	NSSD65	16	124	229	1887	5 FEB 1984	036	03:49:24	42.6	36062.5	-40.8	37.4	-1.2	54.7
2476	NSSD65	17	242	225	1887	5 FEB 1984	036	10:37:16	29.7	63640.1	-13.2	27.8	-1.2	55.2
2477	NSSD65	18	138	237	1888	6 FEB 1984	037	04:00:39	42.3	37434.6	-39.5	36.7	-1.1	56.4
2478	NSSD65	19	134	244	1889	7 FEB 1984	038	03:47:36	44.1	35792.1	-41.0	37.5	-1.1	57.9
2480	NSSD65	20	154	253	1892	10 FEB 1984	041	04:15:11	44.4	39300.0	-37.7	35.9	-0.8	62.7
2482	NSSD65	21	159	242	1896	14 FEB 1984	045	04:24:19	47.8	40360.3	-36.7	35.4	-0.4	69.1
2483	NSSD65	22	160	239	1898	16 FEB 1984	047	04:21:35	50.1	40039.7	-37.0	35.5	-0.2	72.3
2486	NSSD65	23	147	223	1902	20 FEB 1984	051	04:02:10	55.1	37878.1	-39.0	36.2	0.1	78.6
2487	NSSD65	24	124	221	1906	24 FEB 1984	055	03:21:22	60.7	32638.8	-44.2	38.6	0.5	84.9
2488	NSSD65	25	129	229	1907	25 FEB 1984	056	03:20:06	61.8	32491.8	-44.4	38.6	0.6	86.5
2489	NSSD65	26	146	211	1908	26 FEB 1984	057	03:52:36	62.1	36794.9	-40.0	36.6	0.7	88.1
2490	NSSD65	27	139	223	1909	27 FEB 1984	058	03:27:52	63.7	33565.7	-43.2	38.1	0.8	89.7
2496	NSSD65	28	160	185	1917	6 MAR 1984	066	04:12:07	72.9	39528.6	-37.5	35.4	1.5	102.4
2505	NSSD65	29	157	170	1921	10 MAR 1984	070	04:09:56	78.0	39325.0	-37.7	35.5	1.8	108.7
2513	NSSD65	30	165	144	1927	16 MAR 1984	076	04:59:52	86.7	44905.1	-32.8	33.6	2.3	118.2
2514	NSSD65	31	172	144	1928	17 MAR 1984	077	04:57:21	88.1	44730.3	-32.9	33.7	2.3	119.8
2515	NSSD65	32	180	150	1929	18 MAR 1984	078	04:54:54	89.4	44483.7	-33.1	33.7	2.4	121.4
2516	NSSD65	33	182	148	1930	19 MAR 1984	079	04:52:28	90.7	44306.4	-33.3	33.8	2.5	123.0
2517	NSSD65	34	169	135	1931	20 MAR 1984	080	04:50:06	92.0	44127.7	-33.5	33.9	2.5	124.6
2522	NSSD65	35	176	134	1935	24 MAR 1984	084	04:40:56	97.1	43218.4	-34.3	34.2	2.8	130.9
2524	NSSD65	36	163	116	1937	26 MAR 1984	086	05:03:16	100.5	45587.2	-32.2	33.5	2.9	134.1

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	LONG	SUB LAT	SOLAR LONG
2525	NSSD65	37	167	116	1938	27 MAR 1984	087	05:01:03	101.8	45449.6	-32.3	33.5	2.9	135.6
2526	NSSD65	38	183	116	1940	29 MAR 1984	089	05:02:45	104.5	45583.4	-32.2	33.5	3.0	138.8
2527	NSSD65	39	231	102	1940	29 MAR 1984	089	09:21:01	110.5	61889.6	-16.3	28.6	3.0	139.1
2529	NSSD65	40	172	108	1942	31 MAR 1984	091	04:57:28	107.0	45135.2	-32.6	33.7	3.1	142.0
2530	NSSD65	41	170	102	1943	1 APR 1984	092	04:55:19	108.3	44995.0	-32.7	33.7	3.1	143.5
2531	NSSD65	42	235	96	1943	1 APR 1984	092	09:09:22	114.9	61502.0	-16.8	28.8	3.1	143.8
2532	NSSD65	43	170	100	1944	2 APR 1984	093	04:53:06	109.5	44784.1	-32.9	33.8	3.2	145.1
2533	NSSD65	44	171	99	1945	3 APR 1984	094	04:50:23	110.7	44501.3	-33.2	33.9	3.2	146.7
2542	NSSD65	45	225	75	1952	10 APR 1984	101	08:36:16	127.7	60248.9	-18.4	29.3	3.4	158.0
2544	NSSD65	46	230	74	1953	11 APR 1984	102	08:32:47	129.1	60079.8	-18.6	29.3	3.4	159.6
2546	NSSD66	1	224	71	1954	12 APR 1984	103	08:29:29	130.5	59954.0	-18.8	29.4	3.4	161.2
2551	NSSD66	2	148	62	1961	19 APR 1984	110	04:58:34	131.4	45503.2	-32.2	33.8	3.4	172.1
2552	NSSD66	3	216	56	1961	19 APR 1984	110	09:14:16	142.0	61728.8	-16.4	28.8	3.4	172.4
2553	NSSD66	4	158	63	1962	20 APR 1984	111	04:56:52	132.5	45295.6	-32.4	33.9	3.4	173.7
2554	NSSD66	5	214	54	1962	20 APR 1984	111	09:11:40	143.3	61627.9	-16.5	28.8	3.4	174.0
2555	NSSD66	6	155	61	1963	21 APR 1984	112	04:55:17	133.6	45226.2	-32.4	33.9	3.4	175.3
2556	NSSD66	7	211	53	1963	21 APR 1984	112	09:09:21	144.7	61552.1	-16.6	28.8	3.3	175.5
2557	NSSD66	8	150	59	1964	22 APR 1984	113	04:52:23	134.6	45055.7	-32.6	34.0	3.3	176.9
2558	NSSD66	9	208	51	1964	22 APR 1984	113	09:05:44	146.1	61463.3	-16.7	28.9	3.3	177.1
2559	NSSD66	10	148	58	1965	23 APR 1984	114	04:50:34	135.6	44879.6	-32.7	34.1	3.3	178.4
2560	NSSD66	11	139	54	1966	24 APR 1984	115	04:48:57	136.5	44702.6	-32.8	34.2	3.3	-180.0
2561	NSSD66	12	192	46	1966	24 APR 1984	115	09:00:33	148.8	61290.3	-16.9	28.9	3.3	-179.7
2562	NSSD66	13	126	50	1968	26 APR 1984	117	04:45:12	138.4	44451.7	-33.0	34.3	3.2	-176.8
2564	NSSD66	14	134	52	1969	27 APR 1984	118	04:43:26	139.2	44237.1	-33.2	34.3	3.2	-175.2
2568	NSSD66	15	125	49	1971	29 APR 1984	120	04:40:15	140.9	43983.7	-33.4	34.4	3.2	-172.0
2572	NSSD66	16	117	27	1973	1 MAY 1984	122	08:43:54	157.3	60675.1	-17.6	29.2	3.1	-168.6
2574	NSSD66	17	98	24	1975	3 MAY 1984	124	08:40:20	159.5	60570.8	-17.7	29.2	3.0	-165.4
2580	NSSD66	18	62	21	1980	8 MAY 1984	129	08:34:19	163.5	60343.4	-17.9	29.3	2.7	-157.4
2588	NSSD66	19	203	153	2045	12 JUL 1984	194	05:31:10	84.0	50828.9	-27.0	31.8	-2.6	-52.9
2589	NSSD66	20	247	157	2045	12 JUL 1984	194	10:24:17	79.5	64163.3	-11.1	27.3	-2.7	-52.6
2591	NSSD66	21	204	156	2046	13 JUL 1984	195	05:33:38	82.5	51022.0	-26.9	31.7	-2.7	-51.3
2592	NSSD66	22	252	162	2046	13 JUL 1984	195	10:28:12	77.9	64232.2	-10.9	27.2	-2.7	-50.9
2593	NSSD66	23	207	151	2047	13 JUL 1984	195	16:40:24	73.7	56619.7	7.1	22.7	-2.7	-50.5
2602	NSSD66	24	251	176	2052	19 JUL 1984	201	11:37:22	67.3	64808.3	-7.7	26.4	-3.0	-41.1
2603	NSSD66	25	208	170	2053	19 JUL 1984	201	16:55:56	64.0	55510.2	8.2	22.4	-3.0	-40.7
2606	NSSD66	26	219	182	2054	20 JUL 1984	202	16:59:00	62.4	55243.0	8.4	22.4	-3.1	-39.1
2610	NSSD66	27	202	187	2056	23 JUL 1984	205	05:15:30	68.4	49964.3	-27.8	32.1	-3.2	-35.0
2613	NSSD66	28	210	189	2059	25 JUL 1984	207	17:11:20	54.4	54292.2	9.3	22.1	-3.2	-31.0
2614	NSSD66	29	214	196	2060	27 JUL 1984	209	06:08:29	60.9	54032.1	-24.2	31.0	-3.3	-28.5
2615	NSSD66	30	245	193	2060	27 JUL 1984	209	11:19:18	54.6	64752.3	-8.3	26.6	-3.3	-28.1
2616	NSSD66	31	214	198	2061	28 JUL 1984	210	06:10:50	59.4	54195.9	-24.0	31.0	-3.3	-26.8
2617	NSSD66	32	246	196	2061	28 JUL 1984	210	11:22:34	53.0	64761.8	-8.2	26.6	-3.3	-26.5
2618	NSSD66	33	191	201	2062	29 JUL 1984	211	04:47:05	60.9	47754.8	-29.8	32.8	-3.3	-25.3
2619	NSSD66	34	239	195	2062	29 JUL 1984	211	09:18:44	53.4	62903.3	-13.9	28.1	-3.3	-25.0
2622	NSSD66	35	250	208	2067	2 AUG 1984	215	12:12:05	44.2	64676.2	-5.8	25.9	-3.4	-18.3
2626	NSSD66	36	197	217	2069	5 AUG 1984	218	04:53:36	51.1	48512.3	-29.1	32.7	-3.4	-13.9
2627	NSSD66	37	197	218	2070	6 AUG 1984	219	04:54:37	49.7	48631.3	-28.9	32.7	-3.4	-12.3
2628	NSSD66	38	197	220	2071	7 AUG 1984	220	04:55:33	48.4	48719.6	-28.9	32.7	-3.4	-10.7
2641	NSSD66	39	231	135	2149	23 OCT 1984	297	14:47:09	89.3	60345.8	3.8	23.6	2.0	113.0
2644	NSSD66	40	220	119	2154	28 OCT 1984	302	15:57:37	98.0	56755.5	7.7	22.7	2.4	121.0
2652	NSSD66	41	162	39	2188	1 DEC 1984	336	16:41:03	149.7	52942.7	11.4	21.5	3.4	174.9
2657	NSSD66	42	117	29	2193	6 DEC 1984	341	16:34:05	156.5	53351.5	11.1	21.5	3.3	-177.1
2662	NSSD66	43	45	17	2200	13 DEC 1984	348	16:25:46	164.4	53889.7	10.7	21.6	3.0	-166.0
2664	NSSD66	44	238	95	2248	31 JAN 1985	031	07:40:27	115.1	61559.9	-14.4	28.3	-0.9	-87.9
2666	NSSD66	45	241	106	2252	4 FEB 1985	035	07:57:04	108.6	62176.1	-13.5	28.0	-1.3	-81.4

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENT DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT LON	SUB LAT	AR LON
2670	NSSD66	46	241	117	2256	8 FEB 1985	039	07:39:35	102.4	61652.8	-14.3 28.2	-1.6	-75.0
2671	NSSD66	47	156	120	2257	9 FEB 1985	040	02:18:04	104.0	38645.8	-36.7 35.2	-1.7	-73.7
2673	NSSD66	48	157	125	2259	11 FEB 1985	042	02:18:07	101.4	38771.8	-36.6 35.2	-1.9	-70.5
2675	NSSD66	49	236	127	2260	12 FEB 1985	043	07:59:41	95.8	62353.0	-13.3 28.0	-2.0	-68.5
2680	NSSD66	50	235	132	2262	14 FEB 1985	045	08:02:50	92.6	62467.4	-13.1 27.9	-2.1	-65.2
2683	NSSD66	51	233	133	2263	15 FEB 1985	046	08:02:54	91.0	62487.9	-13.1 27.9	-2.2	-63.6
2684	NSSD66	52	213	139	2264	15 FEB 1985	046	15:38:40	85.8	55894.8	9.3 22.3	-2.2	-63.1
2687	NSSD66	53	229	143	2266	18 FEB 1985	049	07:03:51	86.9	60486.2	-16.0 28.7	-2.4	-58.8
2688	NSSD66	54	204	148	2267	18 FEB 1985	049	16:25:18	80.5	52704.7	12.3 21.6	-2.4	-58.2
2690	NSSD66	55	232	147	2267	19 FEB 1985	050	07:04:16	85.3	60542.5	-15.9 28.7	-2.5	-57.2
2691	NSSD66	56	214	150	2268	19 FEB 1985	050	15:38:37	79.5	55787.1	9.4 22.3	-2.5	-56.6
2692	NSSD66	57	203	150	2269	20 FEB 1985	051	16:12:30	77.5	53572.5	11.5 21.8	-2.6	-54.9
2694	NSSD66	58	226	149	2269	21 FEB 1985	052	07:17:03	82.0	61087.2	-15.2 28.5	-2.6	-53.9
2695	NSSD66	59	213	155	2270	21 FEB 1985	052	15:39:51	76.3	55678.6	9.5 22.3	-2.6	-53.3
2696	NSSD66	60	234	156	2270	22 FEB 1985	053	07:18:01	80.4	61125.7	-15.2 28.5	-2.7	-52.3
2700	NSSD66	61	209	163	2274	25 FEB 1985	056	15:43:38	69.9	55304.5	9.8 22.2	-2.8	-46.8
2702	NSSD66	62	227	165	2274	26 FEB 1985	057	06:42:37	74.6	59735.4	-17.0 29.0	-2.9	-45.8
2703	NSSD66	63	204	162	2275	26 FEB 1985	057	15:44:25	68.3	55212.9	9.9 22.2	-2.9	-45.2
2708	NSSD66	64	226	170	2276	28 FEB 1985	059	06:44:55	71.5	59856.7	-16.8 29.0	-3.0	-42.6
2710	NSSD66	65	139	139	2384	16 JUN 1985	167	01:41:19	94.0	33889.1	-41.0 37.1	2.7	130.0
2714	NSSD66	66	150	108	2392	24 JUN 1985	175	02:17:19	105.8	38305.1	-36.6 35.3	3.1	142.7
2716	NSSD66	67	241	90	2392	24 JUN 1985	175	10:28:28	117.2	64632.4	-5.8 26.3	3.1	143.3
2720	NSSD66	68	238	86	2393	25 JUN 1985	176	10:27:45	118.7	64627.4	-5.8 26.3	3.2	144.9
2723	NSSD67	1	243	86	2394	26 JUN 1985	177	10:26:37	120.3	64622.8	-5.9 26.3	3.2	146.4
2724	NSSD67	2	211	77	2395	26 JUN 1985	177	15:27:44	123.0	56789.8	9.1 22.6	3.2	146.8
2725	NSSD67	3	145	100	2395	27 JUN 1985	178	02:16:26	109.5	38131.8	-36.7 35.5	3.2	147.5
2727	NSSD67	4	237	82	2395	27 JUN 1985	178	10:25:38	121.8	64617.9	-5.9 26.3	3.2	148.0
2728	NSSD67	5	210	75	2396	27 JUN 1985	178	15:27:07	124.6	56787.9	9.1 22.6	3.2	148.4
2731	NSSD67	6	238	80	2396	28 JUN 1985	179	10:24:58	123.4	64611.6	-6.0 26.3	3.3	149.6
2732	NSSD67	7	212	73	2397	28 JUN 1985	179	15:26:34	126.1	56865.5	9.0 22.6	3.3	149.9
2733	NSSD67	8	147	96	2397	29 JUN 1985	180	02:16:04	112.0	38086.3	-36.8 35.5	3.3	150.7
2734	NSSD67	9	208	70	2398	29 JUN 1985	180	15:25:50	127.6	56901.4	9.0 22.6	3.3	151.5
2735	NSSD67	10	206	67	2399	30 JUN 1985	181	15:25:02	129.2	56898.5	9.0 22.6	3.3	153.1
2738	NSSD67	11	237	74	2399	1 JUL 1985	182	10:21:59	128.1	64594.2	-6.1 26.4	3.3	154.4
2742	NSSD67	12	240	73	2400	2 JUL 1985	183	10:20:49	129.7	64587.9	-6.2 26.4	3.3	155.9
2745	NSSD67	13	229	67	2401	3 JUL 1985	184	10:20:42	131.2	64584.2	-6.2 26.4	3.4	157.5
2746	NSSD67	14	215	64	2402	3 JUL 1985	184	15:23:19	133.8	57049.2	8.8 22.6	3.4	157.9
2747	NSSD67	15	135	80	2402	4 JUL 1985	185	02:15:05	117.9	37908.1	-36.9 35.7	3.4	158.6
2749	NSSD67	16	247	70	2402	4 JUL 1985	185	10:20:07	132.8	64581.9	-6.2 26.4	3.4	159.1
2759	NSSD67	17	140	76	2406	8 JUL 1985	189	02:14:22	122.5	37686.9	-37.1 35.8	3.4	164.9
2768	NSSD67	18	236	57	2408	10 JUL 1985	191	10:15:38	142.2	64538.6	-6.4 26.5	3.4	168.6
2769	NSSD67	19	204	51	2409	10 JUL 1985	191	15:19:32	144.4	57320.9	8.6 22.6	3.4	169.0
2772	NSSD67	20	230	55	2409	11 JUL 1985	192	10:14:38	143.7	64530.6	-6.5 26.5	3.4	170.2
2773	NSSD67	21	202	49	2410	11 JUL 1985	192	15:18:43	145.9	57375.8	8.5 22.6	3.4	170.5
2774	NSSD67	22	136	70	2410	12 JUL 1985	193	02:13:20	126.8	37422.4	-37.3 36.0	3.4	171.3
2775	NSSD67	23	193	57	2410	12 JUL 1985	193	05:23:25	138.0	54699.9	-21.5 30.6	3.4	171.5
2776	NSSD67	24	239	55	2410	12 JUL 1985	193	10:13:25	145.3	64520.4	-6.5 26.5	3.4	171.8
2783	NSSD67	25	234	50	2413	15 JUL 1985	196	10:10:18	150.0	64490.2	-6.7 26.5	3.3	176.6
2787	NSSD67	26	232	49	2414	16 JUL 1985	197	10:09:13	151.5	64481.1	-6.7 26.5	3.3	178.2
2788	NSSD67	27	171	39	2415	16 JUL 1985	197	15:14:51	153.2	57665.8	8.3 22.7	3.3	178.5
2795	NSSD67	28	151	33	2417	18 JUL 1985	199	15:12:54	156.1	57791.1	8.2 22.7	3.3	-178.3
2801	NSSD67	29	124	28	2419	20 JUL 1985	201	15:11:23	158.9	57878.2	8.1 22.7	3.2	-175.2
2803	NSSD67	30	92	20	2420	21 JUL 1985	202	15:10:56	160.3	57948.4	8.0 22.7	3.2	-173.6
2806	NSSD67	31	80	19	2421	22 JUL 1985	203	15:10:25	161.6	57964.1	8.0 22.7	3.1	-172.0
2826	NSSD67	32	183	49	2451	21 AUG 1985	233	16:13:10	143.3	54595.4	11.9 21.5	1.2	-123.9

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK	CENTER	TIME	PHASE	SPACECRAFT	SUBSPACECRAFT	SUBSOLAR		
						DATE	DOY	S/C UT	ANGLE	ALTITUDE(KM)	LAT	LOX	LAT	LOX
2830	NSSD67	33	187	52	2453	23 AUG 1985	235	16:15:07	140.3	54506.8	12.1	21.5	1.0	-120.7
2831	NSSD67	34	192	54	2454	24 AUG 1985	236	16:15:51	138.8	54508.3	12.1	21.5	0.9	-119.1
2833	NSSD67	35	174	49	2455	26 AUG 1985	238	05:45:17	142.1	55469.1	-20.1	30.1	0.7	-116.6
2838	NSSD67	36	199	62	2458	28 AUG 1985	240	16:20:23	132.7	54237.5	12.4	21.5	0.5	-112.7
2844	NSSD67	37	201	69	2461	31 AUG 1985	243	16:24:35	128.1	54011.5	12.6	21.5	0.2	-107.8
2852	NSSD67	38	203	78	2465	4 SEP 1985	247	16:30:29	121.9	53637.2	13.0	21.4	-0.1	-101.4
2856	NSSD67	39	211	81	2467	6 SEP 1985	249	15:44:47	119.9	56538.5	10.1	22.2	-0.3	-98.2
2860	NSSD67	40	126	63	2475	15 SEP 1985	258	03:29:03	112.9	44561.4	-30.0	33.0	-1.1	-84.5
2861	NSSD67	41	228	97	2475	15 SEP 1985	258	07:35:13	111.5	60868.5	-14.0	28.3	-1.1	-84.2
2862	NSSD67	42	243	104	2476	15 SEP 1985	258	12:53:15	108.4	63302.6	1.1	24.5	-1.2	-83.9
2864	NSSD67	43	246	105	2477	16 SEP 1985	259	10:58:50	108.0	64608.2	-4.3	25.8	-1.2	-82.4
2865	NSSD67	44	242	106	2478	17 SEP 1985	260	11:01:38	106.4	64606.8	-4.2	25.8	-1.3	-80.7
2866	NSSD67	45	240	108	2479	18 SEP 1985	261	11:04:31	104.7	64604.0	-4.0	25.8	-1.4	-79.1
2867	NSSD67	46	249	115	2480	19 SEP 1985	262	11:07:33	103.1	64598.8	-3.9	25.7	-1.5	-77.5
2870	NSSD67	47	235	115	2481	20 SEP 1985	263	13:06:51	100.1	63013.6	1.7	24.4	-1.6	-75.7
2882	NSSD67	48	235	129	2486	25 SEP 1985	268	13:18:01	91.9	62708.7	2.3	24.2	-2.0	-67.6
2886	NSSD67	49	239	134	2487	26 SEP 1985	269	13:20:00	90.3	62651.8	2.4	24.2	-2.1	-66.0
2892	NSSD67	50	186	136	2488	28 SEP 1985	271	03:47:17	94.1	46227.0	-28.6	32.5	-2.2	-63.4
2906	NSSD67	51	229	144	2493	3 OCT 1985	276	08:29:19	82.3	62614.7	-11.4	27.6	-2.6	-55.0
2910	NSSD67	52	221	145	2495	4 OCT 1985	277	13:38:56	77.2	62139.1	3.2	24.0	-2.6	-53.0
2915	NSSD67	53	235	158	2496	6 OCT 1985	279	08:37:19	77.3	62828.8	-11.1	27.6	-2.7	-50.1
2918	NSSD67	54	231	156	2497	7 OCT 1985	280	08:39:38	75.7	62882.5	-11.0	27.5	-2.8	-48.5
2940	NSSD67	55	246	184	2505	14 OCT 1985	287	12:19:06	61.8	63952.6	-0.7	25.0	-3.1	-36.8
2955	NSSD67	56	243	194	2510	19 OCT 1985	292	12:30:19	53.6	63774.3	-0.2	24.8	-3.3	-28.7
2961	NSSD67	57	241	198	2513	22 OCT 1985	295	12:37:26	48.7	63646.0	0.1	24.8	-3.3	-23.8
2970	NSSD67	58	233	201	2516	25 OCT 1985	298	12:43:18	43.8	63537.6	0.4	24.7	-3.4	-18.9
2974	NSSD67	59	239	208	2519	28 OCT 1985	301	12:49:05	38.9	63423.8	0.7	24.6	-3.4	-14.1
2977	NSSD67	60	234	207	2520	29 OCT 1985	302	12:50:49	37.2	63406.7	0.7	24.6	-3.4	-12.4
2988	NSSD67	61	203	212	2524	2 NOV 1985	306	16:19:37	31.2	54703.9	11.9	21.6	-3.4	-5.7
2989	NSSD67	62	194	204	2525	3 NOV 1985	307	16:23:45	29.8	54450.9	12.1	21.6	-3.3	-4.1
2991	NSSD67	63	230	211	2526	4 NOV 1985	308	13:00:53	27.5	63217.0	1.2	24.5	-3.3	-2.7
3008	NSSD67	64	195	221	2533	11 NOV 1985	315	17:04:32	21.5	51750.8	14.8	20.8	-3.1	8.9
3013	NSSD67	65	114	107	2535	13 NOV 1985	317	13:02:43	13.3	63224.1	1.3	24.4	-3.1	11.9
3014	NSSD67	66	187	210	2535	13 NOV 1985	317	17:04:44	19.8	51826.8	14.8	20.8	-3.1	12.1
3053	NSSD67	67	177	200	2551	29 NOV 1985	333	17:15:25	24.5	51421.3	15.4	20.6	-2.1	37.9
3054	NSSD67	68	193	214	2553	1 DEC 1985	335	17:12:16	26.5	51740.7	15.2	20.7	-1.9	41.1
3057	NSSD67	69	185	207	2554	2 DEC 1985	336	17:10:50	27.5	51925.0	15.0	20.7	-1.9	42.7
3063	NSSD67	70	196	217	2556	4 DEC 1985	338	17:06:58	29.8	52263.5	14.7	20.8	-1.7	45.9
3111	NSSD67	71	213	136	2713	10 MAY 1986	130	16:06:45	86.4	56996.7	11.0	22.2	-2.2	-63.7
3112	NSSD67	72	211	133	2713	11 MAY 1986	131	05:52:04	91.9	53877.1	-20.3	30.1	-2.2	-62.8
3117	NSSD67	73	205	134	2715	12 MAY 1986	132	16:01:16	83.3	57267.6	10.7	22.3	-2.3	-60.5
3118	NSSD67	74	204	136	2715	13 MAY 1986	133	05:56:00	88.8	54136.1	-20.1	30.0	-2.4	-59.5
3120	NSSD67	75	244	147	2717	14 MAY 1986	134	11:51:07	82.8	64504.0	-1.9	25.4	-2.5	-57.5
3121	NSSD67	76	218	148	2717	14 MAY 1986	134	16:05:45	80.1	57035.0	11.0	22.2	-2.5	-57.2
3122	NSSD68	1	201	139	2718	16 MAY 1986	136	06:01:57	84.1	54482.5	-19.7	30.0	-2.6	-54.6
3127	NSSD68	2	224	162	2721	18 MAY 1986	138	15:48:26	74.0	57918.2	10.0	22.5	-2.7	-50.7
3128	NSSD68	3	215	157	2721	19 MAY 1986	139	06:07:45	79.3	54888.5	-19.4	29.9	-2.8	-49.8
3130	NSSD68	4	214	160	2722	19 MAY 1986	139	16:16:08	72.2	56373.0	11.6	22.1	-2.8	-49.1
3131	NSSD68	5	212	157	2722	20 MAY 1986	140	06:09:35	77.7	55021.6	-19.2	29.9	-2.8	-48.1
3132	NSSD68	6	222	165	2723	20 MAY 1986	140	15:52:29	70.8	57714.4	10.2	22.4	-2.8	-47.5
3134	NSSD68	7	214	168	2724	21 MAY 1986	141	16:19:45	69.0	56206.5	11.8	22.0	-2.9	-45.8
3135	NSSD68	8	246	170	2725	22 MAY 1986	142	12:11:25	69.6	64353.1	-0.9	25.2	-2.9	-44.5
3136	NSSD68	9	217	172	2725	22 MAY 1986	142	16:21:28	67.4	56058.4	11.9	22.0	-2.9	-44.2
3137	NSSD68	10	217	168	2725	23 MAY 1986	143	06:14:53	73.0	55349.6	-18.9	29.8	-3.0	-43.3
3138	NSSD68	11	210	165	2726	24 MAY 1986	144	06:16:42	71.4	55478.5	-18.8	29.8	-3.0	-41.6

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CEN DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUB LAT	SUB LON
3139	NSSD68	12	237	168	2727	24 MAY 1986	144	11:30:43	66.8	64557.8	-2.9	25.7	-3.0	-41.3
3140	NSSD68	13	212	174	2727	24 MAY 1986	144	16:24:52	64.3	55887.2	12.1	21.9	-3.0	-40.9
3142	NSSD68	14	241	174	2728	25 MAY 1986	145	11:32:54	65.2	64553.2	-2.8	25.6	-3.1	-39.6
3143	NSSD68	15	212	176	2728	25 MAY 1986	145	16:26:35	62.7	55758.8	12.2	21.9	-3.1	-39.3
3144	NSSD68	16	210	173	2728	26 MAY 1986	146	05:55:57	68.8	54125.0	-20.1	30.1	-3.1	-38.4
3145	NSSD68	17	221	181	2729	26 MAY 1986	146	16:03:18	61.3	57078.5	10.8	22.2	-3.1	-37.7
3146	NSSD68	18	219	179	2729	27 MAY 1986	147	06:22:04	66.7	55837.5	-18.4	29.7	-3.1	-36.7
3149	NSSD68	19	205	177	2731	28 MAY 1986	148	16:32:27	58.0	55388.7	12.6	21.8	-3.2	-34.4
3150	NSSD68	20	217	188	2732	29 MAY 1986	149	16:19:16	56.5	56171.6	11.8	22.0	-3.2	-32.8
3151	NSSD68	21	211	183	2732	30 MAY 1986	150	06:03:25	62.5	54648.8	-19.6	30.0	-3.2	-31.9
3152	NSSD68	22	211	183	2733	31 MAY 1986	151	06:20:21	60.6	55703.3	-18.6	29.8	-3.3	-30.2
3153	NSSD68	23	239	185	2734	31 MAY 1986	151	11:47:04	55.3	64497.0	-2.1	25.5	-3.3	-29.9
3154	NSSD68	24	213	193	2734	31 MAY 1986	151	16:36:52	53.4	55120.3	12.8	21.7	-3.3	-29.6
3155	NSSD68	25	216	190	2734	1 JUN 1986	152	06:31:13	58.8	56368.6	-17.9	29.6	-3.3	-28.6
3156	NSSD68	26	248	194	2735	1 JUN 1986	152	11:48:58	53.7	64491.8	-2.0	25.5	-3.3	-28.3
3157	NSSD68	27	214	195	2735	1 JUN 1986	152	16:38:15	51.8	55007.5	12.9	21.7	-3.3	-27.9
3158	NSSD68	28	211	189	2735	2 JUN 1986	153	06:32:46	57.2	56428.0	-17.8	29.6	-3.3	-27.0
3163	NSSD68	29	212	198	2737	3 JUN 1986	154	16:40:41	48.8	54867.0	13.1	21.6	-3.3	-24.7
3164	NSSD68	30	227	190	2738	4 JUN 1986	155	12:39:07	48.3	64011.3	0.4	24.9	-3.3	-23.3
3167	NSSD68	31	219	201	2739	6 JUN 1986	157	06:38:30	51.0	56742.2	-17.5	29.5	-3.4	-20.5
3168	NSSD68	32	214	197	2740	7 JUN 1986	158	06:39:47	49.4	56779.8	-17.4	29.5	-3.4	-18.9
3169	NSSD68	33	247	205	2741	7 JUN 1986	158	11:59:02	43.8	64418.4	-1.5	25.3	-3.4	-18.5
3170	NSSD68	34	210	204	2741	7 JUN 1986	158	16:45:18	42.8	54565.1	13.4	21.5	-3.4	-18.2
3174	NSSD68	35	211	208	2743	9 JUN 1986	160	16:47:20	39.8	54423.7	13.5	21.4	-3.4	-14.9
3175	NSSD68	36	220	209	2743	10 JUN 1986	161	06:43:35	44.8	56989.8	-17.2	29.5	-3.4	-14.0
3179	NSSD68	37	209	208	2745	11 JUN 1986	162	16:49:04	37.0	54304.4	13.7	21.4	-3.4	-11.7
3181	NSSD68	38	207	208	2746	12 JUN 1986	163	16:49:50	35.5	54300.4	13.7	21.4	-3.4	-10.1
3183	NSSD68	39	222	216	2747	14 JUN 1986	165	06:47:42	38.7	57176.4	-16.9	29.4	-3.4	-7.5
3184	NSSD68	40	225	200	2748	14 JUN 1986	165	12:07:45	32.4	64352.6	-1.1	25.2	-3.4	-7.1
3186	NSSD68	41	221	218	2748	15 JUN 1986	166	06:48:34	37.2	57212.8	-16.9	29.4	-3.4	-5.9
3189	NSSD68	42	223	219	2749	16 JUN 1986	167	06:49:21	35.7	57268.3	-16.8	29.4	-3.3	-4.2
3190	NSSD68	43	228	202	2750	16 JUN 1986	167	12:09:24	29.1	64334.5	-1.0	25.2	-3.3	-3.9
3192	NSSD68	44	220	219	2750	17 JUN 1986	168	06:50:02	34.2	57304.6	-16.8	29.4	-3.3	-2.6
3197	NSSD68	45	210	221	2753	20 JUN 1986	171	06:05:04	31.8	54610.7	-19.4	30.2	-3.3	2.2
3198	NSSD68	46	214	223	2754	21 JUN 1986	172	06:21:27	29.7	55579.9	-18.5	29.9	-3.2	3.8
3200	NSSD68	47	208	213	2755	22 JUN 1986	173	06:31:44	28.0	56166.9	-17.9	29.7	-3.2	5.5
3202	NSSD68	48	215	223	2756	23 JUN 1986	174	06:32:05	26.6	56227.2	-17.8	29.7	-3.2	7.1
3204	NSSD68	49	216	225	2757	24 JUN 1986	175	06:32:34	25.3	56205.7	-17.8	29.7	-3.1	8.7
3236	NSSD69	1	164	231	2771	8 JUL 1986	189	03:52:10	27.3	43152.0	-29.6	33.5	-2.4	31.1
3241	NSSD69	2	196	217	2774	10 JUL 1986	191	17:28:17	23.4	52071.1	16.2	20.5	-2.2	35.2
3242	NSSD69	3	213	224	2775	12 JUL 1986	193	06:51:21	16.6	57001.9	-16.6	29.4	-2.1	37.7
3243	NSSD69	4	244	226	2776	12 JUL 1986	193	12:16:51	13.1	64315.6	-0.5	25.1	-2.1	38.0
3244	NSSD69	5	202	214	2776	12 JUL 1986	193	17:03:55	23.9	53856.2	14.6	21.0	-2.1	38.4
3246	NSSD69	6	197	220	2777	14 JUL 1986	195	06:24:35	19.5	55380.3	-18.3	29.9	-2.0	40.9
3247	NSSD69	7	215	235	2778	15 JUL 1986	196	06:23:51	20.5	55316.2	-18.3	29.9	-1.9	42.5
3250	NSSD69	8	204	225	2782	19 JUL 1986	200	06:21:09	25.1	55124.3	-18.4	29.9	-1.6	48.8
3251	NSSD69	9	209	227	2783	20 JUL 1986	201	06:20:22	26.4	55037.5	-18.5	29.9	-1.5	50.4
3252	NSSD69	10	213	229	2784	21 JUL 1986	202	06:19:27	27.7	54994.4	-18.5	29.9	-1.4	52.0
3253	NSSD69	11	171	227	2785	22 JUL 1986	203	04:33:09	32.2	46790.6	-26.1	32.2	-1.3	53.5
3255	NSSD69	12	178	228	2788	25 JUL 1986	206	04:31:31	35.6	46537.0	-26.3	32.2	-1.0	58.3
3257	NSSD69	13	214	224	2789	26 JUL 1986	207	06:15:41	34.5	54643.3	-18.8	30.0	-0.9	60.0
3259	NSSD69	14	179	224	2791	28 JUL 1986	209	04:29:45	39.2	46346.8	-26.4	32.2	-0.8	63.1
3260	NSSD69	15	161	228	2792	29 JUL 1986	210	03:39:18	42.1	41229.7	-31.1	33.8	-0.7	64.6
3261	NSSD69	16	159	221	2795	1 AUG 1986	213	03:37:48	45.7	41001.6	-31.3	33.8	-0.4	69.4
3262	NSSD69	17	217	209	2795	1 AUG 1986	213	07:17:13	42.8	58167.0	-15.2	28.9	-0.4	69.6

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CEN DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	LONG	SUB LAT	AR LONG
3263	NSSD69	18	203	202	2796	2 AUG 1986	214	06:09:03	44.5	54196.1	-19.2	30.0	-0.3	71.1
3264	NSSD69	19	182	217	2797	3 AUG 1986	215	04:25:48	47.0	45861.9	-26.8	32.3	-0.2	72.6
3266	NSSD69	20	192	203	2802	8 AUG 1986	220	04:58:57	53.5	48804.3	-24.2	31.4	0.3	80.6
3267	NSSD69	21	204	198	2803	9 AUG 1986	221	05:54:04	54.8	53131.3	-20.2	30.2	0.4	82.2
3268	NSSD69	22	168	194	2806	12 AUG 1986	224	04:03:01	59.4	43702.5	-28.8	32.8	0.6	86.9
3270	NSSD69	23	200	179	2809	15 AUG 1986	227	05:58:13	63.8	53408.7	-20.0	30.1	0.9	91.7
3271	NSSD69	24	160	191	2810	16 AUG 1986	228	03:30:48	64.9	40118.6	-32.1	33.9	1.0	93.2
3272	NSSD69	25	222	179	2810	16 AUG 1986	228	07:02:55	65.7	57345.8	-16.1	29.1	1.0	93.4
3278	NSSD69	26	211	160	2817	23 AUG 1986	235	06:19:23	76.0	54843.6	-18.6	29.7	1.6	104.4
3279	NSSD69	27	237	148	2817	23 AUG 1986	235	11:31:26	79.2	64565.5	-2.6	25.6	1.6	104.8
3280	NSSD69	28	218	146	2818	23 AUG 1986	235	16:29:32	83.0	56373.6	12.4	21.9	1.6	105.1
3281	NSSD69	29	225	144	2819	24 AUG 1986	236	15:47:35	83.9	58625.2	10.0	22.5	1.7	106.6
3283	NSSD69	30	198	137	2820	25 AUG 1986	237	17:40:31	87.2	51649.1	16.9	20.7	1.8	108.3
3284	NSSD69	31	233	135	2822	27 AUG 1986	239	11:43:49	85.7	64567.0	-2.1	25.5	1.9	111.1
3286	NSSD69	32	161	117	2937	21 DEC 1986	355	04:09:52	95.0	42669.1	-29.1	32.9	-2.2	-64.0
3304	NSSD69	33	164	143	2944	28 DEC 1986	362	04:00:19	85.1	41652.7	-30.1	33.2	-2.6	-52.7
3319	NSSD69	34	137	161	2951	4 JAN 1987	004	02:59:45	78.1	34340.8	-37.3	35.9	-3.0	-41.4
3326	NSSD69	35	148	167	2953	6 JAN 1987	006	03:23:02	74.1	37344.1	-34.2	34.8	-3.1	-38.1
3327	NSSD69	36	214	170	2953	6 JAN 1987	006	07:16:07	66.9	57216.5	-15.6	29.1	-3.1	-37.8
3328	NSSD69	37	229	177	2954	6 JAN 1987	006	14:18:36	61.7	62620.5	5.1	23.8	-3.1	-37.3
3340	NSSD69	38	144	186	2960	13 JAN 1987	013	03:12:01	65.7	35885.0	-35.7	35.5	-3.3	-26.7
3341	NSSD69	39	180	164	2960	13 JAN 1987	013	06:28:36	57.2	54259.5	-18.6	29.9	-3.3	-26.5
3343	NSSD69	40	141	189	2962	15 JAN 1987	015	03:11:57	63.3	35702.4	-35.9	35.6	-3.3	-23.5
3344	NSSD69	41	204	190	2963	16 JAN 1987	016	06:28:09	52.7	54231.0	-18.6	30.0	-3.4	-21.6
3345	NSSD69	42	142	192	2964	17 JAN 1987	017	03:11:52	60.8	35654.3	-35.9	35.7	-3.4	-20.2
3350	NSSD69	43	210	195	2965	17 JAN 1987	017	15:44:24	43.8	59583.5	9.4	22.7	-3.4	-19.4
3351	NSSD69	44	223	202	2966	18 JAN 1987	018	14:58:46	42.3	61400.1	7.0	23.3	-3.4	-17.8
3352	NSSD69	45	139	197	2966	19 JAN 1987	019	03:11:53	58.4	35606.3	-35.9	35.7	-3.4	-17.0
3354	NSSD69	46	138	197	2967	20 JAN 1987	020	03:12:01	57.0	35740.9	-35.8	35.7	-3.4	-15.4
3355	NSSD69	47	220	210	2969	21 JAN 1987	021	15:43:34	37.7	59651.7	9.4	22.7	-3.4	-12.9
3357	NSSD70	1	232	209	2970	23 JAN 1987	023	09:18:54	37.8	62205.5	-9.2	27.5	-3.4	-10.1
3358	NSSD70	2	123	192	2971	24 JAN 1987	024	03:01:56	53.6	34128.1	-37.4	36.4	-3.4	-8.9
3361	NSSD70	3	136	207	2972	25 JAN 1987	025	03:12:52	51.3	35598.5	-35.9	35.8	-3.4	-7.2
3362	NSSD70	4	214	210	2973	25 JAN 1987	025	15:44:05	31.6	59629.3	9.5	22.6	-3.4	-6.4
3363	NSSD70	5	222	210	2973	26 JAN 1987	026	08:18:42	34.4	60018.7	-12.3	28.3	-3.4	-5.3
3368	NSSD70	6	134	211	2979	1 FEB 1987	032	03:13:48	44.0	35410.6	-35.9	36.0	-3.2	4.1
3372	NSSD70	7	141	220	2983	5 FEB 1987	036	03:25:48	39.0	36787.4	-34.5	35.5	-3.1	10.6
3373	NSSD70	8	240	223	2983	5 FEB 1987	036	09:32:52	17.1	62483.0	-8.5	27.3	-3.1	11.0
3375	NSSD70	9	135	223	2985	7 FEB 1987	038	03:14:40	38.9	35270.5	-36.0	36.1	-3.0	13.8
3376	NSSD70	10	205	221	2985	7 FEB 1987	038	06:27:09	22.4	53732.3	-18.8	30.2	-3.0	14.0
3379	NSSD70	11	128	221	2986	8 FEB 1987	039	03:03:55	39.7	33786.3	-37.5	36.7	-3.0	15.4
3382	NSSD70	12	145	223	2987	9 FEB 1987	040	03:38:49	34.5	38200.3	-33.0	34.9	-2.9	17.0
3383	NSSD70	13	218	220	2987	9 FEB 1987	040	07:39:55	16.3	57972.3	-14.4	29.0	-2.9	17.3
3384	NSSD70	14	236	224	2989	11 FEB 1987	042	09:13:37	9.6	61839.5	-9.5	27.6	-2.8	20.6
3385	NSSD70	15	225	212	2990	12 FEB 1987	043	09:42:03	7.2	62680.9	-8.0	27.2	-2.7	22.3
3386	NSSD70	16	223	222	2992	13 FEB 1987	044	15:49:54	12.5	59674.6	9.7	22.5	-2.7	24.3
3387	NSSD70	17	184	219	2992	14 FEB 1987	045	05:29:44	21.1	49162.6	-22.8	31.5	-2.6	25.2
3389	NSSD70	18	141	221	2994	16 FEB 1987	047	03:39:06	31.2	37990.5	-33.1	35.0	-2.5	28.3
3390	NSSD70	19	143	224	2995	17 FEB 1987	048	03:39:08	31.0	37948.8	-33.1	35.0	-2.5	29.9
3391	NSSD70	20	222	225	2996	17 FEB 1987	048	16:04:55	15.4	59058.4	10.5	22.3	-2.4	30.8
3392	NSSD70	21	237	224	2996	18 FEB 1987	049	09:39:05	7.4	62542.3	-8.2	27.3	-2.4	31.9
3393	NSSD70	22	218	218	2997	19 FEB 1987	050	03:39:06	30.9	37865.5	-33.2	35.0	-2.3	33.1
3396	NSSD70	23	225	223	3001	22 FEB 1987	053	15:44:56	19.7	60028.6	9.4	22.6	-2.1	38.7
3398	NSSD70	24	141	223	3002	24 FEB 1987	055	03:38:55	31.9	37572.4	-33.4	35.0	-1.9	41.1
3402	NSSD70	25	116	214	3006	28 FEB 1987	059	03:04:59	37.6	33035.5	-38.0	36.8	-1.6	47.5

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	LONG	SUB LAT	LONG
3406	NSSD70	26	133	218	3008	2 MAR 1987	061	03:25:55	36.5	35738.5	-35.1	35.6	-1.5	50.7
3407	NSSD70	27	137	231	3009	3 MAR 1987	062	03:24:35	37.3	35559.0	-35.3	35.7	-1.4	52.3
3410	NSSD70	28	138	218	3012	6 MAR 1987	065	03:35:33	38.8	36852.1	-33.9	35.1	-1.1	57.1
3412	NSSD70	29	169	216	3014	8 MAR 1987	067	04:46:14	37.1	44650.7	-26.6	32.5	-0.9	60.4
3413	NSSD70	30	219	203	3015	8 MAR 1987	067	16:03:24	40.1	59413.9	10.4	22.4	-0.9	61.1
3414	NSSD70	31	169	214	3015	9 MAR 1987	068	04:45:26	38.3	44548.5	-26.6	32.5	-0.8	62.0
3415	NSSD70	32	139	217	3016	10 MAR 1987	069	03:33:52	42.7	36464.3	-34.3	35.2	-0.7	63.5
3417	NSSD70	33	141	218	3019	13 MAR 1987	072	03:32:29	45.9	36292.8	-34.4	35.2	-0.5	68.3
3419	NSSD70	34	155	199	3028	22 MAR 1987	081	04:01:04	55.9	39653.9	-31.1	33.8	0.4	82.6
3420	NSSD70	35	224	183	3029	22 MAR 1987	081	16:14:10	61.5	59041.4	10.9	22.4	0.4	83.4
3421	NSSD70	36	138	196	3029	23 MAR 1987	082	03:27:59	57.8	35456.7	-35.3	35.3	0.5	84.1
3422	NSSD70	37	212	188	3029	23 MAR 1987	082	07:06:55	56.8	55540.5	-16.5	29.4	0.5	84.4
3423	NSSD70	38	240	183	3029	23 MAR 1987	082	11:58:21	59.2	64564.3	-1.6	25.5	0.5	84.7
3425	NSSD70	39	148	185	3030	24 MAR 1987	083	04:05:12	58.5	40058.1	-30.7	33.6	0.6	85.7
3426	NSSD70	40	224	178	3031	24 MAR 1987	083	16:10:53	64.5	59242.9	10.7	22.4	0.6	86.5
3427	NSSD70	41	223	183	3031	25 MAR 1987	084	08:04:39	60.2	58721.1	-13.1	28.4	0.7	87.6
3428	NSSD70	42	239	179	3032	25 MAR 1987	084	12:55:09	63.0	64420.3	1.1	24.9	0.7	87.9
3429	NSSD70	43	207	175	3032	25 MAR 1987	084	17:40:28	67.9	54208.4	15.9	21.1	0.7	88.2
3430	NSSD70	44	235	176	3032	26 MAR 1987	085	10:59:17	63.3	64086.6	-4.4	26.2	0.8	89.4
3431	NSSD71	1	155	186	3033	27 MAR 1987	086	04:01:32	62.5	39579.1	-31.2	33.7	0.8	90.5
3432	NSSD71	2	238	176	3033	27 MAR 1987	086	10:12:31	64.4	63226.4	-6.6	26.8	0.9	90.9
3433	NSSD71	3	227	171	3034	27 MAR 1987	086	15:52:15	68.7	60068.5	9.7	22.7	0.9	91.3
3434	NSSD71	4	152	180	3034	28 MAR 1987	087	04:00:33	63.9	39458.6	-31.3	33.8	0.9	92.1
3435	NSSD71	5	237	170	3034	28 MAR 1987	087	11:44:40	67.0	64514.5	-2.3	25.7	1.0	92.6
3437	NSSD71	6	237	168	3035	29 MAR 1987	088	11:22:12	68.3	64351.7	-3.3	26.0	1.1	94.1
3438	NSSD71	7	218	165	3036	29 MAR 1987	088	16:41:58	72.6	57742.5	12.4	22.0	1.1	94.5
3440	NSSD71	8	197	162	3036	30 MAR 1987	089	06:52:41	67.4	54641.1	-17.4	29.6	1.1	95.4
3441	NSSD71	9	235	164	3036	30 MAR 1987	089	11:39:03	70.1	64488.6	-2.5	25.8	1.1	95.7
3442	NSSD71	10	214	129	3160	31 JUL 1987	212	17:05:39	90.2	58729.4	12.0	22.3	-2.0	-67.5
3443	NSSD71	11	194	121	3160	1 AUG 1987	213	06:25:04	96.1	49554.5	-21.4	30.7	-2.1	-66.6
3444	NSSD71	12	239	129	3160	1 AUG 1987	213	11:33:12	92.4	63996.9	-4.1	26.2	-2.1	-66.3
3445	NSSD71	13	223	137	3161	1 AUG 1987	213	17:10:00	88.6	58505.4	12.3	22.2	-2.1	-65.9
3446	NSSD71	14	187	119	3161	2 AUG 1987	214	06:28:21	94.5	49786.2	-21.2	30.7	-2.1	-65.0
3447	NSSD71	15	239	131	3161	2 AUG 1987	214	11:38:17	90.7	64070.6	-3.8	26.2	-2.1	-64.7
3448	NSSD71	16	219	138	3162	2 AUG 1987	214	17:14:17	87.0	58294.5	12.5	22.1	-2.2	-64.3
3453	NSSD71	17	210	122	3164	5 AUG 1987	217	11:33:43	85.9	63991.2	-4.1	26.3	-2.4	-59.8
3486	NSSD71	18	232	210	3202	12 SEP 1987	255	12:00:12	24.1	64172.4	-3.3	26.1	-3.3	1.9
3492	NSSD71	19	236	217	3204	14 SEP 1987	257	11:19:44	21.6	63481.8	-5.2	26.6	-3.2	5.1
3494	NSSD71	20	183	215	3205	15 SEP 1987	258	06:22:52	31.0	48196.8	-22.4	31.5	-3.2	6.4
3499	NSSD71	21	231	217	3208	17 SEP 1987	260	14:45:09	15.8	63725.3	4.4	24.1	-3.1	10.2
3501	NSSD71	22	202	218	3209	18 SEP 1987	261	17:55:31	19.6	56808.8	14.2	21.5	-3.1	12.0
3505	NSSD71	23	182	219	3210	20 SEP 1987	263	06:28:29	25.2	48469.4	-22.1	31.4	-3.0	14.5
3511	NSSD71	24	213	220	3213	22 SEP 1987	265	17:32:51	16.0	58129.1	12.8	21.8	-2.9	18.5
3513	NSSD71	25	238	224	3214	24 SEP 1987	267	11:00:23	6.6	62940.3	-6.2	26.9	-2.8	21.2
3517	NSSD71	26	242	227	3216	26 SEP 1987	269	11:31:36	2.9	63599.8	-4.7	26.5	-2.7	24.5
3519	NSSD71	27	177	222	3217	27 SEP 1987	270	06:21:02	21.0	47547.1	-22.8	31.7	-2.6	25.8
3526	NSSD71	28	181	224	3221	1 OCT 1987	274	06:22:12	20.5	47456.9	-22.8	31.7	-2.4	32.2
3527	NSSD71	29	239	226	3221	1 OCT 1987	274	11:17:39	6.6	63254.4	-5.5	26.7	-2.3	32.5
3528	NSSD71	30	224	230	3222	1 OCT 1987	274	17:28:25	18.4	58593.0	12.5	21.9	-2.3	32.9
3530	NSSD71	31	196	216	3223	2 OCT 1987	275	18:43:21	23.5	54325.6	16.8	20.7	-2.3	34.6
3531	NSSD71	32	235	220	3223	3 OCT 1987	276	11:28:52	9.5	63461.4	-5.0	26.6	-2.2	35.7
3532	NSSD71	33	207	229	3224	3 OCT 1987	276	18:42:33	24.4	54442.5	16.8	20.7	-2.2	36.2
3536	NSSD71	34	243	227	3225	5 OCT 1987	278	11:27:17	12.7	63428.3	-5.0	26.6	-2.1	38.9
3537	NSSD71	35	208	227	3226	5 OCT 1987	278	19:40:53	26.2	54651.9	16.6	20.8	-2.0	39.4
3538	NSSD71	36	241	225	3226	6 OCT 1987	279	11:26:11	14.3	63400.5	-5.1	26.6	-2.0	40.5

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK DATE	CENTER DOY	TIME S/C UT	PHASE ANGLE	SPACECRAFT ALTITUDE(KM)	SUBSPACECRAFT LAT	SUBSPACECRAFT LON	SUB LAT	SUB LON
3539	NSSD71	37	219	222	3227	6 OCT 1987	279	17:23:44	23.5	58973.2	12.1	22.0	-2.0	40.9
3540	NSSD71	38	243	225	3227	7 OCT 1987	280	11:55:34	16.0	63923.2	-3.7	26.2	-1.9	42.2
3542	NSSD71	39	239	219	3228	8 OCT 1987	281	11:54:16	17.6	63902.7	-3.8	26.3	-1.8	43.8
3543	NSSD71	40	214	219	3229	8 OCT 1987	281	17:48:05	27.0	57784.8	13.5	21.7	-1.8	44.2
3548	NSSD71	41	165	207	3231	11 OCT 1987	284	06:02:58	27.9	45075.1	-24.8	32.2	-1.6	48.2
3549	NSSD71	42	237	221	3231	11 OCT 1987	284	10:37:14	22.0	62047.1	-7.5	27.2	-1.6	48.5
3559	NSSD71	43	198	210	3237	16 OCT 1987	289	19:08:41	40.9	53134.8	18.2	20.4	-1.1	57.0
3565	NSSD71	44	167	217	3239	19 OCT 1987	292	05:47:21	37.3	43256.2	-26.4	32.6	-0.9	60.9
3566	NSSD71	45	208	212	3240	19 OCT 1987	292	19:04:54	44.7	53509.7	17.9	20.5	-0.8	61.8
3567	NSSD71	46	248	214	3240	20 OCT 1987	293	12:54:26	37.4	64532.1	-1.1	25.5	-0.8	63.0
3568	NSSD71	47	203	206	3241	20 OCT 1987	293	19:03:00	46.0	53609.0	17.8	20.6	-0.7	63.4
3570	NSSD71	48	247	209	3242	22 OCT 1987	295	12:48:35	40.5	64490.7	-1.4	25.6	-0.6	66.2
3571	NSSD71	49	208	206	3243	22 OCT 1987	295	18:58:33	48.6	54045.6	17.4	20.7	-0.6	66.6
3573	NSSD72	1	181	203	3245	25 OCT 1987	298	06:31:51	44.2	47281.5	-22.7	31.3	-0.3	70.5
3574	NSSD72	2	242	205	3245	25 OCT 1987	298	11:25:10	44.4	63226.6	-5.3	26.6	-0.3	70.8
3575	NSSD72	3	192	198	3246	25 OCT 1987	298	19:37:26	54.2	51324.6	20.0	20.0	-0.3	71.4
3576	NSSD72	4	160	208	3246	26 OCT 1987	299	05:26:02	46.7	40698.8	-28.7	33.2	-0.2	72.0
3579	NSSD72	5	223	198	3247	27 OCT 1987	300	09:23:34	46.7	58910.9	-11.6	28.2	-0.1	73.9
3580	NSSD72	6	198	196	3248	27 OCT 1987	300	19:33:18	56.8	51677.3	19.6	20.1	-0.1	74.6
3583	NSSD72	7	201	192	3250	29 OCT 1987	302	19:28:40	59.5	52102.5	19.2	20.2	0.1	77.7
3586	NSSD72	8	238	193	3251	31 OCT 1987	304	10:36:52	53.5	61811.7	-7.8	27.2	0.2	80.3
3587	NSSD72	9	203	188	3252	31 OCT 1987	304	19:23:59	62.2	52519.3	18.9	20.4	0.3	80.9
3588	NSSD72	10	181	193	3252	1 NOV 1987	305	06:21:08	54.1	46162.0	-23.7	31.6	0.3	81.6
3589	NSSD72	11	236	187	3252	1 NOV 1987	305	11:03:58	55.3	62625.9	-6.5	26.9	0.3	81.9
3590	NSSD72	12	200	185	3253	1 NOV 1987	305	19:21:35	63.5	52673.9	18.7	20.4	0.4	82.5
3591	NSSD72	13	168	192	3253	2 NOV 1987	306	05:46:51	55.7	42659.9	-26.8	32.5	0.4	83.2
3593	NSSD72	14	163	191	3254	3 NOV 1987	307	05:30:55	57.3	40869.9	-28.5	33.1	0.5	84.7
3594	NSSD72	15	232	186	3254	3 NOV 1987	307	09:58:44	57.9	60374.8	-9.8	27.7	0.5	85.0
3596	NSSD72	16	240	179	3256	4 NOV 1987	308	13:33:08	61.7	64662.3	0.5	25.1	0.6	86.8
3598	NSSD72	17	178	183	3256	5 NOV 1987	309	06:15:51	59.9	45498.9	-24.3	31.7	0.7	87.9
3599	NSSD72	18	225	170	3256	5 NOV 1987	309	10:53:31	61.6	62318.6	-7.0	27.0	0.7	88.3
3601	NSSD72	19	199	185	3257	6 NOV 1987	310	07:18:43	61.5	50941.8	-19.4	30.3	0.8	89.6
3606	NSSD72	20	203	178	3259	8 NOV 1987	312	07:36:30	64.6	52277.8	-18.2	29.9	1.0	92.8
3609	NSSD72	21	214	155	3261	9 NOV 1987	313	15:09:50	70.8	63805.3	4.9	24.1	1.1	94.9
3610	NSSD72	22	183	154	3261	9 NOV 1987	313	19:39:59	75.5	51517.3	19.8	20.2	1.1	95.2
3611	NSSD72	23	175	179	3261	10 NOV 1987	314	05:57:04	67.0	43585.0	-26.0	32.2	1.1	95.8
3612	NSSD72	24	226	164	3261	10 NOV 1987	314	10:22:47	69.1	61255.3	-8.7	27.4	1.2	96.1
3613	NSSD72	25	224	159	3262	10 NOV 1987	314	15:37:18	72.7	63233.5	6.2	23.7	1.2	96.5
3614	NSSD72	26	239	166	3262	11 NOV 1987	315	11:29:36	71.4	63242.5	-5.4	26.6	1.3	97.8
3616	NSSD72	27	172	173	3263	12 NOV 1987	316	05:53:17	69.9	43151.7	-26.4	32.3	1.3	99.0
3617	NSSD72	28	225	158	3263	12 NOV 1987	316	10:15:15	72.2	60983.8	-9.0	27.5	1.3	99.3
3618	NSSD72	29	235	158	3264	12 NOV 1987	316	15:29:02	75.7	63425.5	5.8	23.8	1.4	99.6
3619	NSSD72	30	195	161	3264	13 NOV 1987	317	07:24:04	72.1	51305.2	-19.1	30.2	1.4	100.7
3620	NSSD72	31	168	164	3265	14 NOV 1987	318	05:50:18	72.7	42785.9	-26.8	32.4	1.5	102.2
3621	NSSD72	32	228	157	3265	14 NOV 1987	318	10:09:05	75.3	60742.2	-9.4	27.6	1.5	102.4
3623	NSSD72	33	177	164	3266	15 NOV 1987	319	06:04:14	74.3	44231.6	-25.5	32.0	1.6	103.8
3624	NSSD72	34	236	157	3266	15 NOV 1987	319	10:33:46	77.1	61620.4	-8.2	27.3	1.6	104.1
3626	NSSD72	35	171	162	3267	16 NOV 1987	320	05:46:24	75.5	42340.5	-27.2	32.5	1.7	105.3
3628	NSSD72	36	205	155	3268	17 NOV 1987	321	07:35:57	78.3	52105.0	-18.4	30.0	1.7	107.0
3629	NSSD72	37	223	144	3269	17 NOV 1987	321	18:05:19	85.6	57663.4	13.8	21.8	1.8	107.7
3638	NSSD72	38	242	140	3387	15 MAR 1988	074	16:20:38	87.8	63130.3	7.2	23.6	-2.2	-63.9
3639	NSSD72	39	245	142	3388	16 MAR 1988	075	15:30:50	86.7	64128.3	4.8	24.2	-2.3	-62.3
3641	NSSD72	40	241	146	3389	17 MAR 1988	076	16:22:38	84.5	63086.2	7.3	23.6	-2.3	-60.6
3642	NSSD72	41	227	137	3389	18 MAR 1988	077	11:18:16	86.2	61998.2	-7.0	27.1	-2.4	-59.3
3643	NSSD72	42	242	149	3390	18 MAR 1988	077	16:23:27	82.9	63059.5	7.3	23.6	-2.4	-59.0

POLARIMETRY MAP	TAPE	FILE	DATA GROUPS	BLOCKS	ORBIT	DISK CENTER		TIME	PHASE	SPACECRAFT	SUBSPACECRAFT		SUBSOLAR	
						DATE	DOY	S/C UT	ANGLE	ALTITUDE(KM)	LAT	LON	LAT	LON
3644	NSSD72	43	237	152	3391	19 MAR 1988	078	16:54:16	81.0	62186.4	8.8	23.2	-2.5	-57.3
3646	NSSD72	44	240	154	3392	20 MAR 1988	079	16:24:51	79.7	63049.7	7.3	23.6	-2.5	-55.7
3647	NSSD72	45	227	146	3392	21 MAR 1988	080	11:20:15	81.3	62053.4	-6.9	27.1	-2.6	-54.5
3648	NSSD72	46	239	155	3393	21 MAR 1988	080	16:25:21	78.1	63022.3	7.4	23.6	-2.6	-54.1
3649	NSSD72	47	230	150	3393	22 MAR 1988	081	11:20:47	79.7	62052.8	-6.9	27.1	-2.6	-52.8
3650	NSSD72	48	238	158	3394	22 MAR 1988	081	16:25:58	76.5	63021.6	7.4	23.6	-2.7	-52.5
3653	NSSD72	49	240	159	3395	24 MAR 1988	083	11:21:47	76.5	62073.4	-6.9	27.1	-2.8	-49.6
3654	NSSD72	50	239	164	3396	24 MAR 1988	083	16:26:53	73.3	63001.7	7.4	23.6	-2.8	-49.2
3655	NSSD72	51	235	160	3396	25 MAR 1988	084	11:22:12	74.8	62094.8	-6.9	27.1	-2.8	-48.0
3656	NSSD72	52	238	166	3397	25 MAR 1988	084	16:27:19	71.7	62973.6	7.4	23.5	-2.8	-47.6
3664	NSSD72	53	240	185	3404	1 APR 1988	091	16:27:31	60.6	62991.1	7.4	23.5	-3.1	-36.2

PIONEER VENUS DCP POLARIMETRY MAP 3665 YR=88 DOY= 92

AIN=4 8 SECTORS FOLLOW 468.8 3.98 -6.45 0.00 0.00 -2.00000 -2.00000 0.00 515.1 4.08 -4.78

0.00 0.00 -2.00000 -2.00000 0.00 510.7 4.05 -4.06 0.00 0.00 -2.00000 -2.00000 0.00

462.5 4.01 -2.68 -76.43 30.26 0.05399 0.15313 120.03 383.3 4.60 -1.23 -75.86 42.21 0.053

13 0.10913 120.25 282.2 4.47 0.56 0.00 0.00 -2.00000 -2.00000 0.00 178.4 5.04 3

.90 0.00 0.00 -2.00000 -2.00000 0.00 86.4 5.34 1.76 0.00 0.00 -2.00000 -2.00000 0.00

YR=88 DOY= 92 TIME=15:45:47 WAVELENGTH=365 NM GAIN=4 10 SECTORS FOLLOW 485.3 10.06 84.57 0.00 0.00 -2

.00000 -2.00000 0.00 603.0 10.15 84.88 0.00 0.00 -2.00000 -2.00000 0.00 659.8 10.70

85.86 0.00 0.00 -2.00000 -2.00000 0.00 659.3 11.41 86.16 -73.80 18.51 0.09974 0.22023 119.3

9 608.0 12.27 86.54 -72.45 28.53 0.12375 0.18866 119.42 516.4 13.22 86.94 -71.97 37.87

0.12394 0.14547 119.80 394.6 14.26 87.93 -72.28 48.22 0.10044 0.09043 120.35 257.7 15

.15 88.34 0.00 0.00 -2.00000 -2.00000 0.00 130.8 15.06 88.72 0.00 0.00 -2.00000 -2.00000

0.00 44.2 13.68 -89.72 0.00 0.00 -2.00000 -2.00000 0.00 YR=88 DOY= 92 TIME=15:46:26 WAVE

LENGTH=270 NM GAIN=4 12 SECTORS FOLLOW 14.7 23.88 75.33 0.00 0.00 -2.00000 -2.00000 0.00 20.2

35.13 66.01 0.00 0.00 -2.00000 -2.00000 0.00 23.5 36.96 87.94 0.00 0.00 -2.00000 -2.00000

0.00 23.4 28.61 86.63 -72.83 8.50 0.10636 0.26786 119.10 24.5 32.12 -88.93 -70.97

19.04 0.14878 0.24517 118.79 26.5 28.76 86.28 -70.00 27.70 0.16625 0.21051 118.98

20.4 47.36 84.74 -69.56 35.95 0.16681 0.16766 119.45 16.1 49.29 82.86 -69.62 44.63 0.15064 0.1

1654 120.09 13.1 41.76 -84.17 -70.39 55.16 0.11064 0.05328 120.77 0.0 0.00 0.00 0

.00 0.00 -2.00000 -2.00000 0.00 0.0 0.00 0.00 0.00 0.00 -2.00000 -2.00000 0.00

0.0 0.00 0.00 0.00 0.00 -2.00000 -2.00000 0.00 YR=88 DOY= 92 TIME=15:47:56 WAVELENGTH=935 NM G

AIN=4 15 SECTORS FOLLOW 90.2 6.94 -10.06 0.00 0.00 -2.00000 -2.00000 0.00 297.2 6.45 -8.74

0.00 0.00 -2.00000 -2.00000 0.00 500.5 6.48 -8.25 0.00 0.00 -2.00000 -2.00000 0.00

647.0 6.62 -7.28 -73.71 -17.24 0.03033 0.32036 120.24 727.6 6.79 -6.53 -69.34 1.92 0.150

61 0.33478 118.19

EBDIC LIST OF km2004

FILE 1 RECORD 170 3200 BYTES

533.0 4.30 -9.96 56.69 26.16 0.68761 0.22272 -123.15 420.5 4.37 -9.32 56.78 30.76 0.68063

0.18291 -125.62 312.4 4.63 -11.23 56.82 35.44 0.67039 0.14149 -128.06 209.9 4.78 -13.40

56.79 40.20 0.65675 0.09834 -130.44 117.4 4.66 -14.10 56.70 45.07 0.63947 0.05331 -132.74

50.4 4.75 -6.86 56.54 50.08 0.61827 0.00620 -134.92 20.7 3.73 -22.00 56.31 55.25 0.592

72 -0.04327 -136.96 16.0 6.18 -53.45 55.99 60.63 0.56223 -0.09549 -138.85 16.9 5.58 -11

.54 55.58 66.29 0.52595 -0.15097 -140.55

EBCDIC LIST OF km2004

FILE 143 RECORD 1 3200 BYTES

PIONEER VENUS OCPP POLARIMETRY MAP 3828 YR=88 DOY=325

AIN=4 12 SECTORS FOLLOW 239.1 6.28 -8.44 0.00 0.00 -2.00000 -2.00000 0.00 0.00 -2.00000 -2.00000 0.00 381.5 6.14 -8.23

0.00 522.9 6.28 -5.78 -78.45 -3.85 0.08661 0.24815 132.14 523.9 6.48 -5.10 -77.01 13.53 0.133

17 0.24146 131.73 487.5 6.92 -3.79 -76.33 26.58 0.15014 0.21540 131.78 419.2 7.06 -2

.50 -76.07 38.81 0.14808 0.17685 132.11 328.7 7.74 -0.80 -76.23 52.11 0.12605 0.12500 132.61

0.00000 -2.00000 0.00 56.4 8.59 4.34 0.00 0.00 -2.00000 -2.00000 0.00 21.7 8.31

2.66 0.00 0.00 -2.00000 -2.00000 0.00 YR=88 DOY=325 TIME=14:11:09 WAVELENGTH=550 NM GAIN=4 13 SEC

TORS FOLLOW 155.2 3.35 -10.28 0.00 0.00 -2.00000 -2.00000 0.00 357.5 3.20 -7.76 0.00 0.00

-2.00000 -2.00000 0.00 524.2 3.06 -8.18 0.00 0.00 -2.00000 -2.00000 0.00 632.7 3

.26 -5.93 -77.95 -21.05 0.05464 0.26573 132.57 683.0 3.37 -4.56 -75.80 1.61 0.13712 0.28249 1

31.55 683.1 3.40 -3.39 -74.85 14.89 0.17086 0.26734 131.30 637.5 3.40 -2.70 -74.31 2

6.09 0.18483 0.23937 131.43 553.2 3.55 -1.23 -74.07 36.77 0.18360 0.20149 131.81 442.3

3.80 -0.21 -74.12 47.97 0.16682 0.15331 132.37 317.8 3.88 1.17 -74.56 61.37 0.12855 0.09063

133.02 195.3 3.91 0.97 0.00 0.00 -2.00000 -2.00000 0.00 93.9 4.65 5.08 0.00

0.00 -2.00000 -2.00000 0.00 37.3 4.99 15.22 0.00 0.00 -2.00000 -2.00000 0.00 YR=

88 DOY=325 TIME=14:11:49 WAVELENGTH=365 NM GAIN=4 14 SECTORS FOLLOW 246.1 8.90 83.47 0.00 0.00 -2.00000 -2.0

0000 0.00 483.7 8.36 83.40 0.00 0.00 -2.00000 -2.00000 0.00 662.6 8.10 84.25 0

.00 0.00 -2.00000 -2.00000 0.00 776.3 7.98 84.49 -75.12 -10.88 0.11857 0.30885 131.77

834.8 8.09 84.83 -73.82 4.32 0.17331 0.30725 131.07 842.3 8.33 85.23 -73.07 15.68 0.20147

0.28846 130.91 799.6 8.65 85.88 -72.62 25.71 0.21382 0.25949 131.10 711.3 8.94 86.64

-72.39 35.36 0.21312 0.22206 131.53 589.8 9.37 87.41 -72.38 45.33 0.19925 0.17595 132.13

444.8 9.95 87.96 -72.65 56.55 0.16898 0.11884 132.83 290.4 10.59 89.67 -73.43 71.65 0.109

48 0.04173 133.54

EBCDIC LIST OF km2004

FILE 143 RECORD 207 3200 BYTES

0.0 0.00 0.00 82.80 84.42 0.14444 -0.09160 -137.84

-0.17571 -138.32

0.0 0.00 0.00 80.76 116.21 0.07401