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**Standard-Resolution TOVS Observations
for the FIRE/SRB Wisconsin Experiment Region
from October 9 Through November 2, 1986**

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and Wayne L. Darnell**

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by

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SUMMARY

Maps and concise tables are presented which show TOVS box centroid locations, box size, and vertical sounding products from the NOAA-6 and -9 satellites for the FIRE/SRB Wisconsin experiment region during October 9 through November 2, 1986. In addition to the operational standard products, relative reflectance is calculated and presented based on values from HIRS/2 Band 20 measurements.

INTRODUCTION

A field experiment was conducted in Wisconsin during October 1986 for purposes of both intensive cirrus-cloud measurements and Surface Radiation Budget (SRB) algorithm validation activities. The cirrus-cloud measurements were part of the First ISCCP (International Satellite Cloud Climatology Project) Regional Experiment (FIRE) as described by Starr¹. The algorithm validation activity was the first experiment of an SRB algorithm intercomparison program based on scientific recommendations from Suttles and Ohring². Both the FIRE and SRB experiments require use of TIROS Operational Vertical Sounder (TOVS) data products. It is the purpose of this document to present those data in a concise form such that investigators from both programs may quickly evaluate the usefulness of this satellite product to their own particular investigation.

DATA DESCRIPTION

Standard TOVS vertical sounding parameters are given at the longitude and latitude of the data centroid of the box or area from which the soundings are obtained. Depending on the viewing zenith angle, the size of the box from which the soundings are averaged may range from 250 x 293 km to 518 x 293 km. The larger box corresponds to an area approximately the same size as the State of Wisconsin. In the event of dense cloud cover over much of the box, the data centroid may actually be near the edge of a box rather than near the center. Thus, it is generally not precisely known how far the centroids lie from the center of the

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large-box areas represented on the standard-product tape. In general, it is reasonable to assume that the data represent conditions close to the centroid location and will become less representative as distance increases.

Figures 1 through 24 are maps showing the centroid locations of the standard-resolution TOVS data actually obtained for the FIRE/SRB experiment. The surface stations are those locations within a 125- x 125-km array where longwave Eppley PIR instrument measurements were made on a continuing basis. Locations of these individual stations near airports were as follows:

<u>Station</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Elevation</u>
1. Madison (Truax)	43.1300°	89.3217°	263.7 m
2. Ft. McCoy	43.9583°	90.7550°	259.1 m
3. Stevens Point	44.5483°	89.5317°	339.6 m
4. Baraboo	43.5217°	89.7717°	301.5 m
5. Adams Co.	43.9667°	89.8000°	299.4 m
6. Wautoma	44.0417°	89.3050°	264.6 m
7. Oshkosh	43.9933°	88.5583°	245.7 m
8. Wausau	44.9250°	89.6200°	366.5 m

The numbers beside the TOVS centroid symbols in the figures are the GMT hour of the satellite overpass. (Zero hour GMT for October 10 is actually 6 p.m. c.s.t. on October 9 at the surface stations.) Local sunrise was at approximately 12:30 GMT and sunset was near 23:00 GMT.

The region shown in the figures is approximately 725 x 950 km in size. Over the 25-day experiment, there should have been 253 NOAA-6 and 306 NOAA-9 standard-resolution TOVS data sets in this region based on orbit and view-angle calculations. (NOAA-10 was operating but had not been declared operational. A standard product was not available from that system.) Instead, 242 NOAA-6 and 265 NOAA-9 data sets are available. Approximately 50 percent of the 507 NOAA-6 and NOAA-9 TOVS data sets were during daylight hours. During the experiment data period, only six standard-resolution TOVS centroids fell near the center of the FIRE/SRB surface-station array. One was during daylight hours. Forty-six centroids fell either within or near the edge of the surface-station array, however, with 29 during daylight. Examination of FIRE aircraft flight lines over the whole region between Michigan and mid-Minnesota indicates that only 11 standard-resolution TOVS centroids fell in the area of and near the time of aircraft data. It is clear that both FIRE and SRB activities would benefit from a re-reduction of the TOVS satellite measurements if a product

with larger numbers of small boxes could be obtained. Inclusion of data from NOAA-10 would also increase the soundings available to scientific investigators.

Table 1 gives detailed locations and times for the TOVS centroids which may be used to more closely coordinate the satellite data with experimental measurements. Also included are the theoretical box sizes associated with each centroid if all soundings were available. Size values are included here such that the user may assess how far the satellite view angle was off nadir. All boxes have a width of 293 km (in the direction of the satellite track). Boxes with a length of 250 km have viewing zenith angles $< 16.4^\circ$. Lengths of 309 km mean that the viewing zenith angle is between 16.4° and 33.3° . Boxes with length = 518 km are taken from soundings with viewing angles between 33.3° and 51.7° . A large box whose centroid falls in central Wisconsin was taken from a satellite which was probably passing over either the Toronto to Pennsylvania region or the North Dakota to Nebraska area.

Most vertical sounding parameters from the NOAA tapes are included in the table for each centroid location. Rows or columns with **** symbols denote either missing or undefined data. Analysis methods and data limitations for the NOAA sounding parameters are given in Kidwell³. Values for blackbody temperature are incorrect for Band 20 of the High Resolution Vertical Sounder (HIRS/2). The value shown for Band 20, hereafter referred to as HIRS 20, may be converted to blackbody temperature, TBB, by the following equation:

$$TBB = \frac{3.487 \times 10^7}{e^{(20933.97/HIRS\ 20)}} \quad (1)$$

Values shown for RELATIVE REFLECTANCE in Table 1 were calculated from the cosine of SOLAR ZENITH, $COS(SZ)$, and equation (1) as follows:

$$RELATIVE\ REFLECTANCE = \frac{1 \times 10^7}{COS(SZ) \times e^{(20933.97/TBB)}} \quad (2)$$

The RELATIVE REFLECTANCE number is interpreted as a shortwave value relative to a Lambertian surface without directional effects being fully considered. Both equations (1) and (2) are based on unpublished empirical studies at the NASA Langley Research Center which took into account solar zenith angle, but not viewing zenith or azimuth angles. The resulting value has to be viewed with some caution because of this history.

CONCLUDING REMARKS

The region examined in this study was approximately 725 x 950 km in size. Over the 25-day period of the investigation, 91 percent of the theoretically possible NOAA-6 and NOAA-9 standard-resolution TOVS data were obtained. Seasonal timing of the

FIRE/SRB Wisconsin experiment made it such that 50 percent of the TOVS overpasses each day were in periods of daylight. Only 253 standard-resolution data sets were obtained in daylight for the entire region. Of these, 11 had centroids in locations where FIRE aircraft were taking data near the overpass time. Only 29 of the daylight centroids were near FIRE/SRB surface stations. An additional 17 sets are near ground stations in periods of darkness, however. A total of six standard-resolution TOVS centroids are near the center of the 125- x 125-km surface-station array. (Only one set is in daylight over the entire 25-day period.)

Much additional data would be available to complement ground station and aircraft investigations if the TOVS satellite measurements were re-reduced to produce a vertical sounding product with larger numbers of small boxes. Inclusion of NOAA-10 data would also improve the situation. Future field experiments should consider the problem of TOVS spatial resolution and historical data retrieval success rates.

REFERENCES

1. Starr, David O'C.: A Cirrus-Cloud Experiment: Intensive Field Observations Planned for FIRE. Bull. Amer. Meteor. Soc., vol. 68, no. 2, February 1987, pp. 119-124.
2. Suttles, J. T., and Ohring, G.: Surface Radiation Budget for Climate Applications. NASA RP-1169, 1986.
3. Kidwell, K. B.: NOAA Polar Orbiter Data (TIROS-N, NOAA-6, NOAA-7, NOAA-8, NOAA-9, and NOAA-10) Users Guide. National Environmental Satellite, Data, and Information Service, NOAA, December 1986.

TABLE 1. TOVS DATA

OCT. 9 TO OCT. 9

DAY: HOUR: MIN	9: 9:32	9: 9:32	9: 9:33	9: 9:33	9: 9:33
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	46.95	47.38	41.43	42.45	44.44
LONGITUDE (DEG W)	86.36	88.90	86.36	87.63	90.14
SOLAR ZENITH (DEG)	90.00	90.00	90.00	90.00	90.00
BOX SIZE LxW (KM)	518x293	518x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	127.	138.	233.	169.	332.
SURFACE TEMP (K)	278.0	281.0	281.0	291.0	276.0
SURFACE PRES (MB)	1000.	1000.	1000.	1000.	950.
TROP PRES (MB)	251.	257.	176.	187.	208.
TROP TEMP (K)	221.5	220.9	213.4	213.2	217.8
OZONE (DOBSON)	312.	311.	301.	294.	304.
CLOUD COVER (%)	50.	23.	27.	99.	89.
CLOUD ALT (MB)	850.0	850.0	700.0	766.7	555.6
PRECIPITABLE WATER (MM)					
SURFACE-700MB	7.0	6.0	13.0	12.0	7.0
700MB-500MB	2.0	2.0	3.0	4.0	3.0
500MB-300MB	0.0	0.0	1.0	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	273.5	273.9	279.4	281.3	276.8
850MB-700MB	265.7	265.7	275.0	274.0	270.6
700MB-500MB	256.0	255.9	265.7	264.2	260.6
500MB-400MB	243.6	243.1	252.3	250.9	247.3
400MB-300MB	231.7	231.1	238.7	237.0	234.2
300MB-200MB	222.4	221.7	222.4	221.1	221.6
200MB-100MB	219.2	218.9	212.6	213.6	215.7
100MB-70MB	216.5	217.4	211.7	213.6	213.6
70MB-50MB	218.3	217.3	214.2	215.3	216.3
50MB-30MB	219.4	219.4	218.7	218.7	219.4
30MB-10MB	224.5	223.9	224.2	225.5	224.5
10MB-5MB	232.9	232.5	233.4	233.7	233.2
5MB-2MB	242.6	244.1	244.3	243.3	244.6
2MB-1MB	250.9	252.5	253.9	253.1	254.5
1MB-0.4MB	254.6	254.9	256.7	256.6	257.5
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	230.52	227.19	229.06	231.64	230.61
HIRS/2 BAND 2	222.28	222.42	219.69	220.59	221.81
HIRS/2 BAND 3	222.50	221.86	221.16	218.69	221.34
HIRS/2 BAND 4	227.75	227.14	230.13	227.52	228.80
HIRS/2 BAND 5	240.88	241.38	244.80	244.23	243.14
HIRS/2 BAND 6	249.61	250.02	254.47	253.34	251.50
HIRS/2 BAND 7	262.13	263.31	264.88	267.56	262.63
HIRS/2 BAND 8	278.31	280.77	280.45	290.47	276.34
HIRS/2 BAND 9	257.98	259.13	260.50	266.09	257.59
HIRS/2 BAND 10	275.02	276.80	275.03	281.56	273.36
HIRS/2 BAND 11	256.81	256.72	256.69	254.22	255.44
HIRS/2 BAND 12	244.75	246.39	240.42	239.48	242.16
HIRS/2 BAND 13	264.31	265.63	266.89	271.84	264.42
HIRS/2 BAND 14	254.47	255.36	258.91	261.33	256.06
HIRS/2 BAND 15	240.08	240.36	244.45	244.36	242.30
HIRS/2 BAND 16	254.59	255.88	258.56	260.92	256.56
HIRS/2 BAND 17	234.61	234.36	234.86	235.17	234.89
HIRS/2 BAND 18	280.41	282.53	276.75	290.88	275.94
HIRS/2 BAND 19	280.19	282.36	276.72	290.88	276.34
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	229.11	241.92	263.55	254.72	262.00
MSU BAND 2	245.27	244.69	250.86	249.55	247.13
MSU BAND 3	227.17	226.84	227.05	227.02	226.64
MSU BAND 4	217.33	217.20	214.45	214.89	215.67
SSU BAND 1	227.25	226.92	227.25	227.55	227.41
SSU BAND 2	235.66	235.45	236.13	235.91	236.22
SSU BAND 3	241.81	241.59	242.81	243.22	243.78

TABLE 1. CONTINUED

OCT. 9 TO OCT. 9

DAY: HOUR: MIN	9: 9:33	9: 9:34	9:12:34	9:12:34	9:12:34
MONTH	10	10	10	10	10
SATELLITE NO	9	9	6	6	6
LATITUDE (DEG N)	44.15	40.28	47.30	44.33	44.66
LONGITUDE (DEG W)	93.78	93.67	89.33	86.57	90.03
SOLAR ZENITH (DEG)	90.00	90.00	*****	*****	*****
BOX SIZE LxW (KM)	518x293	518x293	309x293	309x293	309x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	330.	284.	197.	124.	360.
SURFACE TEMP (K)	275.0	289.0	280.0	288.0	283.0
SURFACE PRES (MB)	950.	1000.	1000.	1000.	950.
TROP PRES (MB)	203.	181.	251.	224.	224.
TROP TEMP (K)	218.5	214.3	220.4	217.5	218.7
OZONE (DOBSON)	304.	****	****	****	****
CLOUD COVER (%)	34.	***	***	***	***
CLOUD ALT (MB)	700.0	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	8.0	*****	*****	*****	*****
700MB-500MB	3.0	*****	*****	*****	*****
500MB-300MB	1.0	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	277.4	284.4	273.3	277.5	275.5
850MB-700MB	271.3	277.5	265.7	270.5	269.8
700MB-500MB	260.7	266.2	255.8	260.0	259.4
500MB-400MB	247.3	252.2	243.0	246.8	246.7
400MB-300MB	234.5	238.5	231.2	234.1	234.1
300MB-200MB	222.5	222.7	221.4	220.7	221.5
200MB-100MB	215.2	212.4	219.8	216.9	217.1
100MB-70MB	212.6	210.7	216.5	214.6	214.6
70MB-50MB	215.3	214.2	217.3	216.3	215.3
50MB-30MB	219.4	218.0	218.0	218.0	218.0
30MB-10MB	224.8	225.2	222.0	223.3	222.4
10MB-5MB	233.4	234.8	230.4	232.3	230.9
5MB-2MB	243.6	245.5	240.1	241.3	242.5
2MB-1MB	252.3	253.8	248.3	248.2	252.4
1MB-0.4MB	255.4	255.8	252.3	251.2	255.6
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	228.59	229.64	*****	*****	*****
HIRS/2 BAND 2	222.17	220.42	*****	*****	*****
HIRS/2 BAND 3	221.09	219.84	*****	*****	*****
HIRS/2 BAND 4	228.83	*****	*****	*****	*****
HIRS/2 BAND 5	242.45	*****	*****	*****	*****
HIRS/2 BAND 6	251.58	*****	*****	*****	*****
HIRS/2 BAND 7	262.30	*****	*****	*****	*****
HIRS/2 BAND 8	275.20	*****	*****	*****	*****
HIRS/2 BAND 9	256.61	*****	*****	*****	*****
HIRS/2 BAND 10	272.42	*****	*****	*****	*****
HIRS/2 BAND 11	256.72	*****	*****	*****	*****
HIRS/2 BAND 12	242.56	*****	*****	*****	*****
HIRS/2 BAND 13	264.03	*****	*****	*****	*****
HIRS/2 BAND 14	255.91	*****	*****	*****	*****
HIRS/2 BAND 15	242.06	*****	*****	*****	*****
HIRS/2 BAND 16	256.33	*****	*****	*****	*****
HIRS/2 BAND 17	234.44	234.89	*****	*****	*****
HIRS/2 BAND 18	275.08	*****	*****	*****	*****
HIRS/2 BAND 19	275.66	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	262.97	269.56	237.97	245.84	260.03
MSU BAND 2	247.63	251.09	245.02	247.44	247.14
MSU BAND 3	226.72	226.97	225.44	224.98	225.17
MSU BAND 4	215.02	213.44	216.75	215.84	215.39
SSU BAND 1	227.27	227.52	225.72	226.55	226.05
SSU BAND 2	235.92	236.70	234.47	235.33	235.22
SSU BAND 3	242.05	243.47	241.33	241.45	243.80

TABLE 1. CONTINUED

OCT. 9 TO OCT. 9

DAY: HOUR: MIN	9:12:34	9:12:36	9:19:22	9:19:22	9:21: 1
MONTH	10	10	10	10	10
SATELLITE NO	6	6	9	9	9
LATITUDE (DEG N)	44.90	40.13	45.71	46.33	41.59
LONGITUDE (DEG W)	93.25	91.16	87.58	91.00	90.98
SOLAR ZENITH (DEG)	*****	*****	57.11	56.50	64.90
BOX SIZE LxW (KM)	309x293	309x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	*****	*****	0.07	0.07	0.28
SURFACE ALT (M)	311.	195.	276.	345.	225.
SURFACE TEMP (K)	283.0	292.0	279.0	283.0	283.0
SURFACE PRES (MB)	1000.	1000.	1000.	950.	1000.
TROP PRES (MB)	224.	187.	246.	235.	111.
TROP TEMP (K)	220.2	215.1	220.6	219.7	211.7
OZONE (DOBSON)	****	****	297.	303.	297.
CLOUD COVER (%)	***	***	38.	24.	71.
CLOUD ALT (MB)	*****	*****	806.6	850.0	826.8
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	8.0	4.0	11.0
700MB-500MB	*****	*****	2.0	2.0	3.0
500MB-300MB	*****	*****	0.0	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	277.1	283.2	275.8	273.4	281.1
850MB-700MB	270.3	277.0	268.5	268.2	273.6
700MB-500MB	260.2	265.9	258.8	259.1	262.5
500MB-400MB	247.4	252.6	245.6	246.3	249.0
400MB-300MB	235.3	238.9	233.1	233.2	236.3
300MB-200MB	222.9	223.0	221.9	221.4	224.0
200MB-100MB	216.9	213.0	218.0	216.1	215.3
100MB-70MB	212.6	210.7	214.6	214.6	211.7
70MB-50MB	214.2	213.2	217.3	215.3	214.2
50MB-30MB	217.4	217.4	219.4	218.7	217.4
30MB-10MB	222.7	223.0	225.2	223.9	224.2
10MB-5MB	230.7	231.6	234.1	232.7	233.6
5MB-2MB	240.3	242.7	245.8	244.2	247.4
2MB-1MB	249.1	253.2	254.8	253.9	258.6
1MB-0.4MB	252.6	256.1	257.0	256.9	260.3
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	229.58	229.31	228.39
HIRS/2 BAND 2	*****	*****	222.02	220.48	220.63
HIRS/2 BAND 3	*****	*****	221.50	221.50	220.28
HIRS/2 BAND 4	*****	*****	228.28	228.17	228.69
HIRS/2 BAND 5	*****	*****	241.78	241.75	243.27
HIRS/2 BAND 6	*****	*****	251.80	252.27	253.95
HIRS/2 BAND 7	*****	*****	264.52	264.84	266.00
HIRS/2 BAND 8	*****	*****	278.83	283.38	282.84
HIRS/2 BAND 9	*****	*****	260.91	262.30	261.97
HIRS/2 BAND 10	*****	*****	276.91	278.55	279.05
HIRS/2 BAND 11	*****	*****	260.14	254.45	260.55
HIRS/2 BAND 12	*****	*****	245.64	238.84	246.05
HIRS/2 BAND 13	*****	*****	266.13	267.00	269.27
HIRS/2 BAND 14	*****	*****	256.33	256.94	259.45
HIRS/2 BAND 15	*****	*****	241.72	241.91	243.63
HIRS/2 BAND 16	*****	*****	252.94	251.58	257.52
HIRS/2 BAND 17	*****	*****	238.14	237.64	238.31
HIRS/2 BAND 18	*****	*****	285.52	285.53	292.64
HIRS/2 BAND 19	*****	*****	287.73	287.06	298.70
HIRS/2 BAND 20	*****	*****	2016.75	2016.00	2028.19
MSU BAND 1	256.17	269.70	245.98	250.98	268.06
MSU BAND 2	247.64	251.38	246.08	246.75	249.48
MSU BAND 3	225.52	225.50	227.11	226.42	227.56
MSU BAND 4	214.53	213.39	216.48	215.45	214.14
SSU BAND 1	225.80	226.42	228.02	227.06	227.36
SSU BAND 2	234.02	235.19	236.66	235.88	237.09
SSU BAND 3	241.53	244.16	243.84	242.84	245.17

TABLE 1. CONTINUED

OCT. 9 TO OCT. 9

DAY: HOUR: MIN	9:21: 1	9:21: 1	9:21: 3	9:23:56	9:23:56
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	6	6
LATITUDE (DEG N)	42.54	43.25	46.84	40.42	42.59
LONGITUDE (DEG W)	92.94	89.13	91.43	87.66	91.25
SOLAR ZENITH (DEG)	64.34	67.03	67.96	*****	*****
BOX SIZE LxW (KM)	518x293	518x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	0.15	0.16	0.10	*****	*****
SURFACE ALT (M)	319.	278.	336.	208.	293.
SURFACE TEMP (K)	287.0	283.0	283.0	287.0	291.0
SURFACE PRES (MB)	1000.	1000.	950.	1000.	1000.
TROP PRES (MB)	111.	187.	214.	187.	197.
TROP TEMP (K)	211.2	216.9	217.4	215.7	216.4
OZONE (DOBSON)	289.	286.	297.	****	****
CLOUD COVER (%)	22.	69.	20.	***	***
CLOUD ALT (MB)	850.0	850.0	700.0	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	11.0	9.0	4.0	*****	*****
700MB-500MB	2.0	2.0	1.0	*****	*****
500MB-300MB	1.0	1.0	0.0	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	281.9	279.8	274.0	282.7	281.1
850MB-700MB	274.0	273.1	269.2	276.4	274.5
700MB-500MB	263.3	262.8	260.5	265.5	264.0
500MB-400MB	249.4	249.0	247.4	252.0	250.6
400MB-300MB	236.3	235.3	234.2	238.7	237.5
300MB-200MB	224.1	222.4	220.8	223.0	222.4
200MB-100MB	214.9	215.0	215.0	213.7	214.3
100MB-70MB	211.7	213.6	215.5	211.7	212.6
70MB-50MB	214.2	215.3	215.3	214.2	213.2
50MB-30MB	218.7	218.7	218.0	216.7	218.0
30MB-10MB	224.5	224.2	223.6	223.3	223.0
10MB-5MB	233.8	233.4	232.7	233.5	232.5
5MB-2MB	246.1	246.6	245.7	245.8	244.7
2MB-1MB	256.9	257.7	255.7	254.3	255.2
1MB-0.4MB	259.2	259.8	257.8	255.4	257.4
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	229.77	229.22	227.69	*****	*****
HIRS/2 BAND 2	221.73	221.30	221.67	*****	*****
HIRS/2 BAND 3	220.69	219.91	220.11	*****	*****
HIRS/2 BAND 4	228.80	227.73	226.88	*****	*****
HIRS/2 BAND 5	244.42	244.11	242.05	*****	*****
HIRS/2 BAND 6	255.66	254.30	252.25	*****	*****
HIRS/2 BAND 7	269.63	268.28	264.73	*****	*****
HIRS/2 BAND 8	287.23	283.09	282.56	*****	*****
HIRS/2 BAND 9	267.17	264.47	262.00	*****	*****
HIRS/2 BAND 10	284.20	280.91	278.20	*****	*****
HIRS/2 BAND 11	264.23	263.52	256.73	*****	*****
HIRS/2 BAND 12	249.14	250.69	239.02	*****	*****
HIRS/2 BAND 13	272.48	269.80	266.94	*****	*****
HIRS/2 BAND 14	261.91	259.72	257.25	*****	*****
HIRS/2 BAND 15	244.73	243.64	241.58	*****	*****
HIRS/2 BAND 16	260.34	255.88	254.34	*****	*****
HIRS/2 BAND 17	238.02	238.16	237.02	*****	*****
HIRS/2 BAND 18	293.66	289.66	283.94	*****	*****
HIRS/2 BAND 19	295.19	291.28	284.67	*****	*****
HIRS/2 BAND 20	2022.00	2021.44	2015.63	*****	*****
MSU BAND 1	270.45	253.09	257.27	266.14	265.52
MSU BAND 2	249.70	248.72	247.52	251.17	249.95
MSU BAND 3	227.53	227.09	226.47	225.72	225.33
MSU BAND 4	214.22	215.09	215.33	213.81	214.00
SSU BAND 1	227.55	227.53	226.84	226.88	227.00
SSU BAND 2	237.05	236.73	236.17	237.19	236.38
SSU BAND 3	244.77	244.94	243.39	245.06	245.70

TABLE 1. CONTINUED

OCT. 9 TO OCT. 10

DAY: HOUR: MIN	9:23:56	9:23:57	9:23:57	10: 9:22	10: 9:22
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	9	9
LATITUDE (DEG N)	43.05	45.20	45.66	44.32	44.15
LONGITUDE (DEG W)	88.45	92.21	89.28	87.08	88.55
SOLAR ZENITH (DEG)	*****	*****	*****	90.00	90.00
BOX SIZE LxW (KM)	518x293	518x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	271.	319.	435.	144.	258.
SURFACE TEMP (K)	291.0	277.0	287.0	285.0	276.0
SURFACE PRES (MB)	1000.	950.	950.	1000.	1000.
TROP PRES (MB)	208.	208.	219.	187.	203.
TROP TEMP (K)	218.3	216.5	217.7	214.4	215.8
OZONE (DOBSON)	****	****	****	291.	296.
CLOUD COVER (%)	***	***	***	22.	74.
CLOUD ALT (MB)	*****	*****	*****	850.0	700.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	10.0	13.0
700MB-500MB	*****	*****	*****	3.0	3.0
500MB-300MB	*****	*****	*****	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	279.8	278.0	276.4	279.4	280.9
850MB-700MB	272.9	272.6	271.0	273.4	274.9
700MB-500MB	262.6	262.3	260.5	263.5	263.8
500MB-400MB	249.4	249.0	247.4	250.0	249.7
400MB-300MB	236.6	235.9	234.7	236.2	236.0
300MB-200MB	222.7	221.2	221.2	221.2	221.4
200MB-100MB	215.8	215.2	216.2	213.7	213.4
100MB-70MB	212.6	213.6	214.6	212.6	212.6
70MB-50MB	214.2	214.2	215.3	215.3	215.3
50MB-30MB	218.0	217.4	218.0	218.0	218.0
30MB-10MB	223.9	222.7	223.3	223.9	224.2
10MB-5MB	232.8	233.2	231.8	233.3	233.0
5MB-2MB	244.1	245.0	244.3	245.3	243.7
2MB-1MB	254.0	252.4	254.9	254.0	252.7
1MB-0.4MB	256.4	253.5	257.6	255.7	255.6
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	225.64	228.73
HIRS/2 BAND 2	*****	*****	*****	220.14	220.97
HIRS/2 BAND 3	*****	*****	*****	219.11	220.67
HIRS/2 BAND 4	*****	*****	*****	228.16	228.47
HIRS/2 BAND 5	*****	*****	*****	244.42	244.02
HIRS/2 BAND 6	*****	*****	*****	253.75	252.89
HIRS/2 BAND 7	*****	*****	*****	266.73	263.66
HIRS/2 BAND 8	*****	*****	*****	284.84	276.19
HIRS/2 BAND 9	*****	*****	*****	263.58	258.56
HIRS/2 BAND 10	*****	*****	*****	279.48	273.39
HIRS/2 BAND 11	*****	*****	*****	258.19	257.17
HIRS/2 BAND 12	*****	*****	*****	240.91	240.23
HIRS/2 BAND 13	*****	*****	*****	269.50	265.69
HIRS/2 BAND 14	*****	*****	*****	259.86	257.66
HIRS/2 BAND 15	*****	*****	*****	244.22	243.70
HIRS/2 BAND 16	*****	*****	*****	260.23	258.20
HIRS/2 BAND 17	*****	*****	*****	234.84	234.70
HIRS/2 BAND 18	*****	*****	*****	285.78	276.84
HIRS/2 BAND 19	*****	*****	*****	285.81	277.22
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	250.16	263.00	259.88	236.36	255.75
MSU BAND 2	249.23	248.63	247.70	248.78	248.53
MSU BAND 3	225.66	224.91	225.02	226.50	226.59
MSU BAND 4	214.59	214.66	215.28	214.58	214.39
SSU BAND 1	227.38	226.66	226.92	226.91	226.80
SSU BAND 2	236.23	236.86	235.97	235.72	235.88
SSU BAND 3	245.11	243.86	245.69	241.94	242.08

TABLE 1. CONTINUED

OCT. 10 TO OCT. 10

DAY: HOUR: MIN	10: 9:22	10: 9:23	10: 9:23	10: 9:23	10: 9:23
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	46.11	41.13	44.13	42.86	41.16
LONGITUDE (DEG W)	91.96	86.59	91.42	93.78	89.32
SOLAR ZENITH (DEG)	90.00	90.00	90.00	90.00	90.00
BOX SIZE LxW (KM)	518x293	250x293	250x293	250x293	250x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	326.	223.	302.	355.	207.
SURFACE TEMP (K)	277.0	277.0	*****	276.0	277.0
SURFACE PRES (MB)	950.	1000.	1000.	950.	1000.
TROP PRES (MB)	203.	160.	197.	192.	122.
TROP TEMP (K)	215.6	213.0	213.9	214.3	210.7
OZONE (DOBSON)	****	291.	287.	288.	292.
CLOUD COVER (%)	***	13.	30.	34.	16.
CLOUD ALT (MB)	*****	700.0	700.0	700.0	700.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	14.0	13.0	11.0	14.0
700MB-500MB	*****	3.0	3.0	4.0	3.0
500MB-300MB	*****	1.0	1.0	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	278.6	280.6	*****	281.7	281.3
850MB-700MB	273.6	275.7	*****	277.7	275.7
700MB-500MB	262.8	265.4	*****	266.4	265.0
500MB-400MB	249.0	251.7	*****	252.2	251.4
400MB-300MB	235.6	238.3	*****	238.2	238.0
300MB-200MB	220.9	223.5	*****	221.9	223.6
200MB-100MB	214.3	212.5	*****	212.6	213.2
100MB-70MB	212.6	211.7	213.6	211.7	210.7
70MB-50MB	215.3	214.2	215.3	214.2	214.2
50MB-30MB	218.0	217.4	218.0	217.4	217.4
30MB-10MB	223.9	223.6	224.5	224.2	223.9
10MB-5MB	232.3	233.9	234.2	233.9	234.3
5MB-2MB	242.7	246.7	243.8	244.6	245.9
2MB-1MB	252.0	255.6	251.0	252.6	254.0
1MB-0.4MB	255.3	257.0	253.5	254.8	255.8
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	228.69	226.03	228.38	227.44	227.64
HIRS/2 BAND 2	220.14	219.42	220.67	220.44	219.22
HIRS/2 BAND 3	219.80	219.41	218.69	219.27	220.09
HIRS/2 BAND 4	*****	228.95	228.13	228.03	230.05
HIRS/2 BAND 5	*****	244.78	243.66	244.97	244.33
HIRS/2 BAND 6	*****	254.28	252.45	254.09	254.77
HIRS/2 BAND 7	*****	264.89	263.72	264.44	265.02
HIRS/2 BAND 8	*****	276.86	274.52	275.80	277.31
HIRS/2 BAND 9	*****	258.91	257.56	258.86	259.59
HIRS/2 BAND 10	*****	274.31	271.91	273.09	275.30
HIRS/2 BAND 11	*****	263.95	257.08	257.70	262.22
HIRS/2 BAND 12	*****	251.81	239.50	241.48	246.38
HIRS/2 BAND 13	*****	266.33	264.84	265.88	266.81
HIRS/2 BAND 14	*****	258.59	257.48	258.42	258.92
HIRS/2 BAND 15	*****	244.33	243.92	244.41	244.55
HIRS/2 BAND 16	*****	258.95	257.75	258.39	259.48
HIRS/2 BAND 17	233.53	235.09	234.16	233.94	234.88
HIRS/2 BAND 18	*****	276.52	274.48	275.06	277.27
HIRS/2 BAND 19	*****	277.09	275.02	275.47	277.80
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	256.91	259.64	262.44	265.30	262.64
MSU BAND 2	248.50	250.08	249.11	250.30	250.06
MSU BAND 3	226.45	227.23	226.61	226.98	227.22
MSU BAND 4	214.69	213.67	214.41	213.80	213.47
SSU BAND 1	226.44	226.94	226.95	226.81	227.00
SSU BAND 2	235.13	236.41	236.11	236.05	236.55
SSU BAND 3	241.50	243.02	241.27	241.84	242.73

TABLE 1. CONTINUED

OCT. 10 TO OCT. 10

DAY:HOURL:MIN	10:12:10	10:12:11	10:12:11	10:13:51	10:13:51
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	6
LATITUDE (DEG N)	45.69	43.05	41.55	44.52	42.04
LONGITUDE (DEG W)	87.01	87.53	87.83	91.20	92.62
SOLAR ZENITH (DEG)	*****	*****	*****	*****	*****
BOX SIZE LxW (KM)	518x293	518x293	518x293	250x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	201.	190.	197.	315.	289.
SURFACE TEMP (K)	276.0	284.0	287.0	282.0	283.0
SURFACE PRES (MB)	1000.	1000.	1000.	1000.	1000.
TROP PRES (MB)	203.	192.	138.	192.	170.
TROP TEMP (K)	215.5	216.4	212.7	215.8	214.4
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	280.0	281.3	284.0	281.7	283.4
850MB-700MB	273.8	274.9	277.3	275.6	277.0
700MB-500MB	263.2	264.4	266.6	264.7	266.2
500MB-400MB	249.9	251.1	253.4	251.6	252.9
400MB-300MB	236.4	238.0	240.4	238.1	239.5
300MB-200MB	221.0	222.9	224.9	222.6	223.7
200MB-100MB	214.1	214.3	213.4	213.8	213.0
100MB-70MB	212.6	210.7	208.8	210.7	208.8
70MB-50MB	214.2	213.2	212.2	213.2	212.2
50MB-30MB	218.0	216.7	217.4	216.7	216.7
30MB-10MB	222.7	222.7	222.7	222.7	223.3
10MB-5MB	230.8	231.3	231.3	232.5	233.3
5MB-2MB	240.9	241.5	241.4	242.6	243.2
2MB-1MB	250.4	250.2	251.3	249.0	249.7
1MB-0.4MB	253.7	252.8	254.3	250.4	250.8
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	*****
HIRS/2 BAND 2	*****	*****	*****	*****	*****
HIRS/2 BAND 3	*****	*****	*****	*****	*****
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	*****	*****
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	239.67	243.95	256.14	259.88	264.30
MSU BAND 2	249.17	250.19	252.11	250.42	251.53
MSU BAND 3	224.73	225.39	226.25	225.25	225.61
MSU BAND 4	214.33	213.50	212.73	213.45	212.75
SSU BAND 1	226.13	225.94	226.00	226.19	226.67
SSU BAND 2	233.94	234.48	234.58	235.13	235.48
SSU BAND 3	242.47	242.11	242.69	241.44	241.94

TABLE 1. CONTINUED

OCT. 10 TO OCT. 10

DAY: HOUR: MIN	10:19: 9	10:19:11	10:20:50	10:20:50	10:20:50
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	42.96	47.05	40.18	41.31	42.09
LONGITUDE (DEG W)	86.03	88.80	93.85	87.53	91.11
SOLAR ZENITH (DEG)	54.65	57.37	61.00	65.50	63.88
BOX SIZE LxW (KM)	518x293	309x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	0.07	*****	0.12	0.15	0.13
SURFACE ALT (M)	203.	231.	288.	211.	266.
SURFACE TEMP (K)	287.0	275.0	290.0	290.0	290.0
SURFACE PRES (MB)	1000.	1000.	1000.	1000.	1000.
TROP PRES (MB)	187.	197.	160.	165.	160.
TROP TEMP (K)	214.3	213.3	212.4	213.6	213.1
OZONE (DOBSON)	289.	****	290.	282.	286.
CLOUD COVER (%)	6.	***	70.	2.	7.
CLOUD ALT (MB)	850.0	*****	850.0	850.0	850.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	10.0	*****	17.0	13.0	14.0
700MB-500MB	2.0	*****	4.0	2.0	3.0
500MB-300MB	1.0	*****	1.0	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	280.9	281.5	287.0	282.7	283.8
850MB-700MB	275.2	275.4	279.8	275.7	276.8
700MB-500MB	265.3	264.1	268.2	265.7	266.4
500MB-400MB	251.6	250.0	254.0	252.3	252.6
400MB-300MB	237.5	236.0	240.0	238.8	239.1
300MB-200MB	221.9	219.9	223.5	223.5	223.5
200MB-100MB	213.0	213.7	212.0	212.9	212.3
100MB-70MB	211.7	213.6	209.8	211.7	210.7
70MB-50MB	214.2	215.3	213.2	214.2	213.2
50MB-30MB	218.0	218.0	218.0	218.0	218.7
30MB-10MB	224.2	223.6	224.5	224.8	224.8
10MB-5MB	234.0	232.0	234.5	234.6	235.2
5MB-2MB	244.7	243.5	247.0	248.2	246.7
2MB-1MB	253.6	253.8	257.4	259.3	255.7
1MB-0.4MB	256.2	257.0	259.4	260.6	257.4
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	230.83	229.77	231.52	229.69	229.98
HIRS/2 BAND 2	220.91	220.84	220.23	220.80	220.98
HIRS/2 BAND 3	219.92	219.61	220.48	218.50	219.80
HIRS/2 BAND 4	228.08	*****	229.78	228.11	228.89
HIRS/2 BAND 5	243.84	*****	246.59	244.86	245.53
HIRS/2 BAND 6	255.50	*****	257.25	255.11	255.92
HIRS/2 BAND 7	268.08	*****	270.45	269.77	269.75
HIRS/2 BAND 8	286.47	*****	290.06	289.47	289.47
HIRS/2 BAND 9	265.70	*****	268.30	267.88	268.11
HIRS/2 BAND 10	281.67	*****	284.66	284.08	284.08
HIRS/2 BAND 11	258.80	*****	262.81	261.66	260.77
HIRS/2 BAND 12	241.13	*****	246.66	245.00	242.30
HIRS/2 BAND 13	270.66	*****	274.97	273.00	273.45
HIRS/2 BAND 14	260.81	*****	264.81	262.73	263.28
HIRS/2 BAND 15	245.03	*****	247.45	245.52	246.16
HIRS/2 BAND 16	255.78	*****	264.84	259.94	262.42
HIRS/2 BAND 17	238.34	237.11	238.31	238.28	238.00
HIRS/2 BAND 18	288.77	*****	295.14	294.88	293.27
HIRS/2 BAND 19	290.33	*****	297.34	296.53	294.75
HIRS/2 BAND 20	2016.69	*****	2020.63	2021.44	2020.56
MSU BAND 1	252.89	232.20	272.72	266.55	269.97
MSU BAND 2	250.20	249.14	252.86	251.39	251.66
MSU BAND 3	226.64	226.11	227.50	227.59	227.38
MSU BAND 4	213.77	214.78	213.27	213.81	213.34
SSU BAND 1	226.94	226.34	227.56	227.70	227.72
SSU BAND 2	236.59	235.28	237.42	237.25	237.38
SSU BAND 3	243.44	242.84	245.77	246.22	244.56

TABLE 1. CONTINUED

OCT. 10 TO OCT. 10

DAY: HOUR: MIN	10:20:50	10:23:31	10:23:32	10:23:32	10:23:33
MONTH	10	10	10	10	10
SATELLITE NO	9	6	6	6	6
LATITUDE (DEG N)	43.86	40.16	41.97	42.76	44.51
LONGITUDE (DEG W)	88.74	87.26	91.89	88.28	93.14
SOLAR ZENITH (DEG)	66.38	*****	*****	*****	*****
BOX SIZE LxW (KM)	518x293	518x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	0.17	*****	*****	*****	*****
SURFACE ALT (M)	279.	209.	264.	240.	311.
SURFACE TEMP (K)	284.0	280.0	285.0	278.0	275.0
SURFACE PRES (MB)	1000.	1000.	1000.	1000.	950.
TROP PRES (MB)	187.	181.	187.	192.	197.
TROP TEMP (K)	212.7	214.8	214.5	214.0	215.6
OZONE (DOBSON)	285.	****	****	****	****
CLOUD COVER (%)	18.	***	***	***	***
CLOUD ALT (MB)	850.0	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	13.0	*****	*****	*****	*****
700MB-500MB	3.0	*****	*****	*****	*****
500MB-300MB	1.0	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	281.9	284.4	284.2	283.4	281.7
850MB-700MB	275.9	277.8	277.7	277.3	276.4
700MB-500MB	265.9	266.7	266.6	266.1	265.3
500MB-400MB	252.2	253.1	253.1	252.3	251.7
400MB-300MB	237.8	239.7	239.3	238.5	238.1
300MB-200MB	220.9	223.4	222.6	221.6	222.2
200MB-100MB	212.0	213.4	213.1	212.9	214.1
100MB-70MB	212.6	211.7	210.7	212.6	212.6
70MB-50MB	215.3	213.2	213.2	214.2	215.3
50MB-30MB	218.7	216.7	217.4	217.4	216.7
30MB-10MB	224.8	222.0	223.6	222.7	222.7
10MB-5MB	233.8	232.0	233.5	232.7	231.6
5MB-2MB	245.6	245.9	244.5	245.5	243.0
2MB-1MB	255.7	257.2	252.6	254.9	252.2
1MB-0.4MB	258.1	259.1	254.0	256.3	254.8
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	230.84	*****	*****	*****	*****
HIRS/2 BAND 2	221.19	*****	*****	*****	*****
HIRS/2 BAND 3	219.56	*****	*****	*****	*****
HIRS/2 BAND 4	228.03	*****	*****	*****	*****
HIRS/2 BAND 5	244.33	*****	*****	*****	*****
HIRS/2 BAND 6	254.61	*****	*****	*****	*****
HIRS/2 BAND 7	267.69	*****	*****	*****	*****
HIRS/2 BAND 8	284.20	*****	*****	*****	*****
HIRS/2 BAND 9	265.00	*****	*****	*****	*****
HIRS/2 BAND 10	280.63	*****	*****	*****	*****
HIRS/2 BAND 11	261.64	*****	*****	*****	*****
HIRS/2 BAND 12	244.33	*****	*****	*****	*****
HIRS/2 BAND 13	270.42	*****	*****	*****	*****
HIRS/2 BAND 14	261.06	*****	*****	*****	*****
HIRS/2 BAND 15	244.84	*****	*****	*****	*****
HIRS/2 BAND 16	258.80	*****	*****	*****	*****
HIRS/2 BAND 17	237.86	*****	*****	*****	*****
HIRS/2 BAND 18	289.41	*****	*****	*****	*****
HIRS/2 BAND 19	292.05	*****	*****	*****	*****
HIRS/2 BAND 20	2022.13	*****	*****	*****	*****
MSU BAND 1	260.39	269.39	269.70	256.70	268.98
MSU BAND 2	250.70	252.11	251.88	251.33	251.03
MSU BAND 3	226.48	225.88	225.55	225.16	225.59
MSU BAND 4	214.30	213.59	213.64	214.11	214.56
SSU BAND 1	227.38	226.13	227.13	226.63	226.05
SSU BAND 2	236.47	236.98	236.42	236.83	235.64
SSU BAND 3	244.61	246.58	244.02	245.36	243.55

TABLE 1. CONTINUED

OCT. 10 TO OCT. 11

DAY: HOUR: MIN	10: 23: 33	10: 23: 33	11: 9: 11	11: 9: 11	11: 9: 11
MONTH	10	10	10	10	10
SATELLITE NO	6	6	9	9	9
LATITUDE (DEG N)	45.34	45.90	45.35	45.91	43.83
LONGITUDE (DEG W)	89.39	86.39	86.42	91.56	89.93
SOLAR ZENITH (DEG)	*****	*****	90.00	90.00	90.00
BOX SIZE LxW (KM)	309x293	309x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	433.	155.	135.	335.	306.
SURFACE TEMP (K)	278.0	285.0	284.0	268.0	276.0
SURFACE PRES (MB)	950.	1000.	1000.	950.	1000.
TROP PRES (MB)	203.	203.	187.	176.	192.
TROP TEMP (K)	215.2	213.8	213.2	211.1	214.4
OZONE (DOBSON)	****	****	299.	285.	287.
CLOUD COVER (%)	***	***	60.	86.	85.
CLOUD ALT (MB)	*****	*****	822.5	487.2	603.5
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	13.0	9.0	16.0
700MB-500MB	*****	*****	4.0	4.0	5.0
500MB-300MB	*****	*****	1.0	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	280.7	282.1	281.7	274.0	283.4
850MB-700MB	275.4	275.7	275.7	272.4	277.3
700MB-500MB	264.5	264.9	265.2	264.8	265.5
500MB-400MB	250.8	251.1	251.2	252.8	251.9
400MB-300MB	237.2	237.0	237.0	238.5	237.9
300MB-200MB	221.1	220.2	220.5	220.3	221.8
200MB-100MB	214.3	214.1	212.8	212.8	213.5
100MB-70MB	214.6	214.6	213.6	215.5	212.6
70MB-50MB	214.2	215.3	215.3	216.3	215.3
50MB-30MB	218.0	216.7	218.7	218.0	218.0
30MB-10MB	222.7	222.0	223.9	223.6	223.6
10MB-5MB	231.6	231.4	232.7	232.3	232.6
5MB-2MB	243.7	244.3	243.3	244.9	242.7
2MB-1MB	254.0	254.3	252.1	254.2	252.5
1MB-0.4MB	256.8	256.6	255.1	256.1	256.3
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	227.86	225.16	231.23
HIRS/2 BAND 2	*****	*****	221.08	220.66	219.81
HIRS/2 BAND 3	*****	*****	221.02	218.77	219.91
HIRS/2 BAND 4	*****	*****	228.83	228.25	229.14
HIRS/2 BAND 5	*****	*****	245.05	243.33	244.83
HIRS/2 BAND 6	*****	*****	254.75	251.09	253.59
HIRS/2 BAND 7	*****	*****	266.22	258.91	263.55
HIRS/2 BAND 8	*****	*****	284.36	268.06	275.94
HIRS/2 BAND 9	*****	*****	263.44	254.30	259.72
HIRS/2 BAND 10	*****	*****	278.44	265.92	272.27
HIRS/2 BAND 11	*****	*****	255.95	256.89	248.14
HIRS/2 BAND 12	*****	*****	241.06	247.41	238.77
HIRS/2 BAND 13	*****	*****	269.72	260.22	265.75
HIRS/2 BAND 14	*****	*****	260.58	253.53	257.72
HIRS/2 BAND 15	*****	*****	244.89	241.52	243.94
HIRS/2 BAND 16	*****	*****	260.94	252.86	257.89
HIRS/2 BAND 17	*****	*****	234.31	233.39	234.13
HIRS/2 BAND 18	*****	*****	284.80	267.16	273.11
HIRS/2 BAND 19	*****	*****	284.66	267.44	272.98
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	263.25	231.97	246.80	264.72	267.11
MSU BAND 2	250.27	250.31	249.94	249.34	250.56
MSU BAND 3	225.19	224.78	226.42	226.75	226.78
MSU BAND 4	215.02	215.11	215.00	215.86	214.55
SSU BAND 1	226.52	226.05	226.81	226.67	226.52
SSU BAND 2	235.75	236.19	235.56	235.11	235.73
SSU BAND 3	244.92	244.89	241.47	241.75	242.47

TABLE 1. CONTINUED

OCT. 11 TO OCT. 11

DAY: HOUR: MIN	11: 9:12	11: 9:12	11:13:26	11:13:26	11:13:27
MONTH	10	10	10	10	10
SATELLITE NO	9	9	6	6	6
LATITUDE (DEG N)	43.03	41.15	46.55	47.30	41.37
LONGITUDE (DEG W)	86.57	89.97	88.30	92.21	86.89
SOLAR ZENITH (DEG)	90.00	90.00	*****	*****	*****
BOX SIZE LxW (KM)	518x293	518x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	154.	207.	346.	400.	215.
SURFACE TEMP (K)	285.0	283.0	278.0	280.0	287.0
SURFACE PRES (MB)	1000.	1000.	950.	950.	1000.
TROP PRES (MB)	192.	187.	208.	235.	165.
TROP TEMP (K)	214.1	214.2	216.1	217.4	213.4
OZONE (DOBSON)	291.	293.	****	****	****
CLOUD COVER (%)	33.	47.	***	***	***
CLOUD ALT (MB)	850.0	700.0	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	15.0	14.0	*****	*****	*****
700MB-500MB	3.0	4.0	*****	*****	*****
500MB-300MB	1.0	1.0	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	284.2	285.5	279.5	276.4	284.4
850MB-700MB	277.8	279.4	274.0	271.0	278.2
700MB-500MB	266.6	267.9	263.2	260.3	267.2
500MB-400MB	252.3	253.5	249.7	247.0	253.7
400MB-300MB	238.2	239.7	236.2	233.6	240.4
300MB-200MB	221.6	222.8	221.1	219.9	223.9
200MB-100MB	212.4	212.3	215.2	217.7	212.2
100MB-70MB	212.6	210.7	214.6	217.4	208.8
70MB-50MB	214.2	213.2	215.3	217.3	211.2
50MB-30MB	218.0	218.7	218.0	218.0	216.7
30MB-10MB	224.2	224.8	222.4	221.7	223.0
10MB-5MB	234.0	234.1	230.9	229.8	232.9
5MB-2MB	243.4	243.9	240.0	239.2	243.3
2MB-1MB	251.2	252.7	247.9	247.3	250.3
1MB-0.4MB	254.2	255.7	251.6	251.6	251.3
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	229.91	231.06	*****	*****	*****
HIRS/2 BAND 2	220.70	221.39	*****	*****	*****
HIRS/2 BAND 3	219.92	219.64	*****	*****	*****
HIRS/2 BAND 4	228.63	228.69	*****	*****	*****
HIRS/2 BAND 5	244.55	245.20	*****	*****	*****
HIRS/2 BAND 6	255.31	255.67	*****	*****	*****
HIRS/2 BAND 7	267.27	266.88	*****	*****	*****
HIRS/2 BAND 8	285.00	283.08	*****	*****	*****
HIRS/2 BAND 9	264.52	262.19	*****	*****	*****
HIRS/2 BAND 10	280.20	277.88	*****	*****	*****
HIRS/2 BAND 11	258.92	256.06	*****	*****	*****
HIRS/2 BAND 12	240.47	238.38	*****	*****	*****
HIRS/2 BAND 13	271.00	269.45	*****	*****	*****
HIRS/2 BAND 14	261.81	261.39	*****	*****	*****
HIRS/2 BAND 15	245.89	246.03	*****	*****	*****
HIRS/2 BAND 16	262.17	261.48	*****	*****	*****
HIRS/2 BAND 17	234.72	234.91	*****	*****	*****
HIRS/2 BAND 18	286.22	281.30	*****	*****	*****
HIRS/2 BAND 19	286.22	281.73	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	242.52	268.08	254.44	259.80	259.11
MSU BAND 2	250.92	251.95	249.52	247.63	252.22
MSU BAND 3	226.94	227.28	225.27	225.22	225.63
MSU BAND 4	214.05	213.41	215.44	216.95	212.38
SSU BAND 1	226.88	227.11	225.80	225.41	226.36
SSU BAND 2	236.25	236.33	234.22	233.80	235.39
SSU BAND 3	241.77	243.13	240.97	240.67	242.16

TABLE 1. CONTINUED

OCT. 11 TO OCT. 11

DAY: HOUR: MIN	11:13:27	11:20:39	11:20:39	11:20:40	11:20:40
MONTH	10	10	10	10	10
SATELLITE NO	6	9	9	9	9
LATITUDE (DEG N)	42.20	40.97	41.08	41.76	44.10
LONGITUDE (DEG W)	90.51	91.35	87.62	93.71	91.14
SOLAR ZENITH (DEG)	*****	61.75	63.99	61.01	64.05
BOX SIZE LxW (KM)	518x293	250x293	250x293	250x293	309x293
RELATIVE REFLECTANCE	*****	0.49	0.15	*****	*****
SURFACE ALT (M)	256.	208.	202.	315.	306.
SURFACE TEMP (K)	291.0	270.0	298.0	287.0	280.0
SURFACE PRES (MB)	1000.	1000.	1000.	1000.	1000.
TROP PRES (MB)	181.	122.	160.	160.	192.
TROP TEMP (K)	214.5	207.4	210.2	214.7	215.8
OZONE (DOBSON)	****	284.	287.	****	****
CLOUD COVER (%)	***	73.	96.	***	***
CLOUD ALT (MB)	*****	347.9	564.1	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	18.0	21.0	*****	*****
700MB-500MB	*****	5.0	5.0	*****	*****
500MB-300MB	*****	2.0	2.0	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	284.0	281.7	287.4	284.2	282.3
850MB-700MB	277.5	277.3	279.3	277.1	276.4
700MB-500MB	266.4	268.8	269.0	265.8	265.0
500MB-400MB	253.1	256.3	255.8	252.3	251.2
400MB-300MB	239.4	243.0	241.9	239.2	237.9
300MB-200MB	223.0	225.5	224.0	224.5	222.6
200MB-100MB	213.1	211.0	210.5	213.9	214.4
100MB-70MB	209.8	209.8	209.8	211.7	212.6
70MB-50MB	213.2	213.2	213.2	213.2	215.3
50MB-30MB	217.4	218.0	217.4	218.0	218.0
30MB-10MB	223.0	224.5	223.9	223.9	223.9
10MB-5MB	232.2	234.7	234.7	234.1	233.3
5MB-2MB	242.3	247.4	246.7	246.4	246.5
2MB-1MB	250.9	257.4	255.5	256.9	257.3
1MB-0.4MB	253.1	259.0	257.3	259.2	259.3
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	228.75	229.61	230.39	227.33
HIRS/2 BAND 2	*****	220.30	220.17	220.73	220.13
HIRS/2 BAND 3	*****	219.83	218.92	219.84	218.94
HIRS/2 BAND 4	*****	230.83	229.19	*****	*****
HIRS/2 BAND 5	*****	244.91	246.41	*****	*****
HIRS/2 BAND 6	*****	253.41	256.36	*****	*****
HIRS/2 BAND 7	*****	259.84	269.83	*****	*****
HIRS/2 BAND 8	*****	269.47	297.97	*****	*****
HIRS/2 BAND 9	*****	256.59	271.88	*****	*****
HIRS/2 BAND 10	*****	268.03	286.31	*****	*****
HIRS/2 BAND 11	*****	254.03	254.67	*****	*****
HIRS/2 BAND 12	*****	236.59	237.22	*****	*****
HIRS/2 BAND 13	*****	262.17	277.03	*****	*****
HIRS/2 BAND 14	*****	256.03	266.25	*****	*****
HIRS/2 BAND 15	*****	245.23	248.16	*****	*****
HIRS/2 BAND 16	*****	256.59	265.11	*****	*****
HIRS/2 BAND 17	*****	237.95	237.84	237.64	237.22
HIRS/2 BAND 18	*****	277.53	297.61	*****	*****
HIRS/2 BAND 19	*****	284.22	300.27	*****	*****
HIRS/2 BAND 20	*****	2035.44	2021.63	*****	*****
MSU BAND 1	269.14	271.69	271.86	266.64	266.08
MSU BAND 2	251.78	252.84	253.44	251.45	250.52
MSU BAND 3	225.58	228.25	227.83	228.09	227.59
MSU BAND 4	213.34	213.31	212.84	213.89	214.81
SSU BAND 1	226.47	227.55	226.89	227.17	227.23
SSU BAND 2	235.09	237.33	237.02	237.34	236.48
SSU BAND 3	242.67	244.88	244.25	244.81	243.98

TABLE 1. CONTINUED

OCT. 11 TO OCT. 11

DAY: HOUR: MIN	11:23: 8	11:23: 8	11:23: 9	11:23: 9	11:23: 9
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	6
LATITUDE (DEG N)	40.30	42.64	42.80	45.19	45.28
LONGITUDE (DEG W)	89.03	86.14	90.37	87.41	91.82
SOLAR ZENITH (DEG)	*****	*****	*****	*****	*****
BOX SIZE LxW (KM)	250x293	250x293	250x293	250x293	250x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	201.	198.	281.	208.	343.
SURFACE TEMP (K)	290.0	280.0	288.0	286.0	283.0
SURFACE PRES (MB)	1000.	1000.	1000.	1000.	950.
TROP PRES (MB)	143.	170.	160.	192.	192.
TROP TEMP (K)	210.8	213.0	214.1	215.3	217.9
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	287.4	285.7	284.4	283.2	280.7
850MB-700MB	280.8	279.4	277.7	276.6	275.0
700MB-500MB	269.3	268.1	266.9	265.7	264.3
500MB-400MB	255.8	254.3	253.5	252.2	250.9
400MB-300MB	242.4	240.5	240.5	238.5	238.1
300MB-200MB	225.1	223.4	224.6	222.4	223.9
200MB-100MB	211.5	211.7	213.1	213.9	215.3
100MB-70MB	207.9	210.7	209.8	211.7	212.6
70MB-50MB	211.2	212.2	212.2	214.2	214.2
50MB-30MB	216.7	216.7	217.4	216.7	217.4
30MB-10MB	223.3	222.7	223.0	222.0	222.7
10MB-5MB	230.5	231.7	230.9	230.9	230.2
5MB-2MB	241.2	243.0	241.8	241.8	241.6
2MB-1MB	256.1	252.9	254.5	250.4	253.5
1MB-0.4MB	260.8	255.2	258.4	253.1	257.6
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	*****
HIRS/2 BAND 2	*****	*****	*****	*****	*****
HIRS/2 BAND 3	*****	*****	*****	*****	*****
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	*****	*****
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	269.69	255.48	261.63	250.27	250.70
MSU BAND 2	254.09	252.91	252.30	251.27	250.72
MSU BAND 3	226.25	225.70	226.17	225.59	226.36
MSU BAND 4	211.88	212.91	212.81	214.17	214.52
SSU BAND 1	226.31	226.08	226.30	225.41	225.81
SSU BAND 2	234.86	235.30	234.91	234.83	234.72
SSU BAND 3	245.64	243.75	244.80	242.14	244.23

TABLE 1. CONTINUED

OCT. 12 TO OCT. 12

DAY: HOUR: MIN	12: 0: 48	12: 9: 1	12: 9: 1	12: 13: 1	12: 13: 1
MONTH	10	10	10	10	10
SATELLITE NO	6	9	9	6	6
LATITUDE (DEG N)	42.73	44.05	45.01	46.60	47.07
LONGITUDE (DEG W)	92.58	89.82	92.56	86.44	89.53
SOLAR ZENITH (DEG)	*****	90.00	90.00	*****	*****
BOX SIZE LxW (KM)	309x293	309x293	309x293	309x293	309x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	326.	312.	315.	177.	182.
SURFACE TEMP (K)	279.0	284.0	*****	284.0	279.0
SURFACE PRES (MB)	950.	1000.	950.	1000.	1000.
TROP PRES (MB)	170.	176.	214.	197.	214.
TROP TEMP (K)	215.4	215.8	219.5	217.0	219.7
OZONE (DOBSON)	****	****	293.	****	****
CLOUD COVER (%)	***	***	99.	***	***
CLOUD ALT (MB)	*****	*****	488.9	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	13.0	*****	*****
700MB-500MB	*****	*****	4.0	*****	*****
500MB-300MB	*****	*****	1.0	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	282.9	283.2	*****	282.1	280.0
850MB-700MB	277.3	277.0	*****	275.6	272.6
700MB-500MB	266.2	265.6	*****	264.5	262.0
500MB-400MB	252.9	251.9	*****	251.1	248.8
400MB-300MB	239.7	238.7	*****	237.8	236.3
300MB-200MB	224.3	223.8	*****	223.0	223.3
200MB-100MB	213.9	214.0	*****	214.9	216.6
100MB-70MB	210.7	212.6	213.6	213.6	214.6
70MB-50MB	214.2	214.2	216.3	214.2	215.3
50MB-30MB	216.7	217.4	218.0	217.4	217.4
30MB-10MB	222.7	223.0	223.0	221.4	222.0
10MB-5MB	232.2	231.3	230.9	229.3	229.1
5MB-2MB	243.8	243.9	238.9	238.3	237.6
2MB-1MB	252.3	255.9	249.3	246.9	247.1
1MB-0.4MB	254.2	259.4	255.1	251.3	252.4
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	227.20	229.38	*****	*****
HIRS/2 BAND 2	*****	219.83	220.84	*****	*****
HIRS/2 BAND 3	*****	219.23	221.05	*****	*****
HIRS/2 BAND 4	*****	*****	230.45	*****	*****
HIRS/2 BAND 5	*****	*****	242.36	*****	*****
HIRS/2 BAND 6	*****	*****	252.72	*****	*****
HIRS/2 BAND 7	*****	*****	259.83	*****	*****
HIRS/2 BAND 8	*****	*****	273.33	*****	*****
HIRS/2 BAND 9	*****	*****	257.86	*****	*****
HIRS/2 BAND 10	*****	*****	270.91	*****	*****
HIRS/2 BAND 11	*****	*****	251.41	*****	*****
HIRS/2 BAND 12	*****	*****	230.39	*****	*****
HIRS/2 BAND 13	*****	*****	263.80	*****	*****
HIRS/2 BAND 14	*****	*****	257.34	*****	*****
HIRS/2 BAND 15	*****	*****	243.80	*****	*****
HIRS/2 BAND 16	*****	*****	254.27	*****	*****
HIRS/2 BAND 17	*****	232.84	232.30	*****	*****
HIRS/2 BAND 18	*****	*****	270.86	*****	*****
HIRS/2 BAND 19	*****	*****	271.52	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	261.64	266.92	258.94	260.45	251.56
MSU BAND 2	252.00	251.19	249.66	250.73	249.34
MSU BAND 3	226.34	228.00	228.50	226.00	226.33
MSU BAND 4	213.67	214.38	215.52	214.80	215.47
SSU BAND 1	226.06	226.16	225.80	224.66	224.83
SSU BAND 2	236.08	234.89	234.48	233.16	233.09
SSU BAND 3	243.50	242.91	239.56	239.78	240.06

TABLE 1. CONTINUED

OCT. 12 TO OCT. 14

DAY: HOUR: MIN	12:13: 1	12:13: 2	12:13: 2	12:13: 2	14: 8:39
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	9
LATITUDE (DEG N)	47.45	44.03	44.48	44.83	45.27
LONGITUDE (DEG W)	92.56	87.59	90.54	93.43	86.33
SOLAR ZENITH (DEG)	*****	*****	*****	*****	90.00
BOX SIZE LxW (KM)	309x293	309x293	309x293	309x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	426.	171.	326.	307.	172.
SURFACE TEMP (K)	282.0	288.0	280.0	281.0	275.0
SURFACE PRES (MB)	950.	1000.	950.	1000.	1000.
TROP PRES (MB)	246.	165.	192.	235.	257.
TROP TEMP (K)	221.8	216.3	218.4	222.6	227.0
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	275.2	282.7	280.7	278.5	275.8
850MB-700MB	269.1	275.9	274.9	270.6	267.8
700MB-500MB	258.4	265.2	264.0	259.9	257.4
500MB-400MB	245.4	252.0	250.8	247.0	245.0
400MB-300MB	233.6	239.2	237.9	235.1	234.2
300MB-200MB	223.0	224.9	224.1	224.3	226.9
200MB-100MB	219.0	214.7	216.0	218.5	221.6
100MB-70MB	216.5	210.7	212.6	214.6	217.4
70MB-50MB	217.3	214.2	215.3	216.3	218.3
50MB-30MB	217.4	216.7	217.4	217.4	218.7
30MB-10MB	221.1	222.0	222.4	222.0	222.7
10MB-5MB	228.5	229.5	229.5	229.9	229.3
5MB-2MB	237.1	239.0	238.9	237.3	237.3
2MB-1MB	246.5	248.9	249.7	246.3	246.1
1MB-0.4MB	252.2	253.1	254.8	252.0	252.1
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	228.48
HIRS/2 BAND 2	*****	*****	*****	*****	221.53
HIRS/2 BAND 3	*****	*****	*****	*****	221.48
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	*****	229.30
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	258.58	261.22	265.78	261.36	248.67
MSU BAND 2	247.22	251.39	250.73	248.50	247.20
MSU BAND 3	226.41	226.59	226.64	226.94	229.75
MSU BAND 4	216.66	213.77	214.94	216.06	218.02
SSU BAND 1	224.63	225.02	225.39	225.08	225.20
SSU BAND 2	232.98	233.28	233.45	233.94	232.81
SSU BAND 3	239.83	240.97	241.84	239.67	237.78

TABLE 1. CONTINUED

OCT. 14 TO OCT. 14

DAY:HOURL:MIN	14: 8:39	14:10:21	14:10:19	14:12:14	14:12:15
MONTH	10	10	10	10	10
SATELLITE NO	9	6	9	6	6
LATITUDE (DEG N)	43.52	41.17	47.28	45.48	42.73
LONGITUDE (DEG W)	88.86	92.87	86.98	87.99	86.82
SOLAR ZENITH (DEG)	90.00	*****	90.00	*****	*****
BOX SIZE LxW (KM)	518x293	250x293	518x293	518x293	309x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	280.	269.	129.	300.	149.
SURFACE TEMP (K)	277.0	272.0	276.0	277.0	276.0
SURFACE PRES (MB)	1000.	1000.	1000.	1000.	1000.
TROP PRES (MB)	305.	338.	268.	300.	311.
TROP TEMP (K)	229.8	229.3	227.3	229.3	229.9
OZONE (DOBSON)	****	336.	****	****	****
CLOUD COVER (%)	***	7.	***	***	***
CLOUD ALT (MB)	*****	850.0	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	8.0	*****	*****	*****
700MB-500MB	*****	2.0	*****	*****	*****
500MB-300MB	*****	0.0	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	273.1	272.7	274.5	272.9	272.4
850MB-700MB	266.1	264.3	267.5	266.6	266.1
700MB-500MB	255.9	253.2	256.9	256.4	255.9
500MB-400MB	243.6	240.4	244.5	243.6	243.3
400MB-300MB	233.4	231.1	233.6	233.4	233.2
300MB-200MB	228.3	229.4	226.8	228.0	228.4
200MB-100MB	222.9	223.7	222.2	223.8	224.2
100MB-70MB	218.4	218.4	218.4	219.4	218.4
70MB-50MB	218.3	218.3	218.3	219.3	219.3
50MB-30MB	218.7	219.4	218.7	217.4	218.0
30MB-10MB	222.7	223.6	221.7	220.8	221.7
10MB-5MB	230.7	230.3	229.0	228.4	228.5
5MB-2MB	240.1	238.3	237.5	237.2	238.0
2MB-1MB	247.1	246.7	245.7	241.8	244.2
1MB-0.4MB	250.1	252.5	251.0	244.4	247.3
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	223.86	230.81	226.63	*****	*****
HIRS/2 BAND 2	220.91	221.20	221.19	*****	*****
HIRS/2 BAND 3	221.44	225.00	221.47	*****	*****
HIRS/2 BAND 4	*****	231.02	*****	*****	*****
HIRS/2 BAND 5	*****	239.81	*****	*****	*****
HIRS/2 BAND 6	*****	248.83	*****	*****	*****
HIRS/2 BAND 7	*****	257.33	*****	*****	*****
HIRS/2 BAND 8	*****	271.48	*****	*****	*****
HIRS/2 BAND 9	*****	250.63	*****	*****	*****
HIRS/2 BAND 10	*****	267.83	*****	*****	*****
HIRS/2 BAND 11	*****	251.28	*****	*****	*****
HIRS/2 BAND 12	*****	237.52	*****	*****	*****
HIRS/2 BAND 13	*****	259.61	*****	*****	*****
HIRS/2 BAND 14	*****	251.61	*****	*****	*****
HIRS/2 BAND 15	*****	239.30	*****	*****	*****
HIRS/2 BAND 16	*****	248.19	*****	*****	*****
HIRS/2 BAND 17	229.98	231.02	230.67	*****	*****
HIRS/2 BAND 18	*****	272.13	*****	*****	*****
HIRS/2 BAND 19	*****	272.00	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	248.55	252.94	231.80	247.03	248.63
MSU BAND 2	246.50	245.67	246.89	247.02	246.83
MSU BAND 3	230.31	229.92	229.80	228.81	228.92
MSU BAND 4	218.63	219.06	218.55	218.36	218.33
SSU BAND 1	225.59	226.16	224.78	223.91	224.58
SSU BAND 2	233.59	233.73	232.69	232.48	232.31
SSU BAND 3	236.92	239.11	236.86	236.98	238.70

TABLE 1. CONTINUED

OCT. 14 TO OCT. 14

DAY: HOUR: MIN	14:12:15	14:12:15	14:12:15	14:13:53	14:13:55
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	6
LATITUDE (DEG N)	42.95	40.09	40.33	46.09	41.84
LONGITUDE (DEG W)	90.69	87.41	91.11	91.15	93.64
SOLAR ZENITH (DEG)	*****	*****	*****	*****	*****
BOX SIZE LxW (KM)	309x293	309x293	309x293	250x293	250x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	286.	207.	198.	346.	311.
SURFACE TEMP (K)	277.0	275.0	279.0	277.0	281.0
SURFACE PRES (MB)	1000.	1000.	1000.	950.	1000.
TROP PRES (MB)	305.	268.	284.	273.	251.
TROP TEMP (K)	229.7	227.3	228.6	226.2	223.2
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	272.4	274.3	273.5	271.8	275.6
850MB-700MB	265.9	267.6	266.8	266.8	269.1
700MB-500MB	255.7	257.3	256.5	256.6	258.7
500MB-400MB	243.1	244.7	244.1	243.7	245.7
400MB-300MB	233.4	234.0	233.7	232.8	234.0
300MB-200MB	228.3	227.1	227.8	226.0	224.2
200MB-100MB	223.9	222.6	222.9	222.7	221.1
100MB-70MB	217.4	217.4	217.4	219.4	217.4
70MB-50MB	219.3	217.3	218.3	218.3	218.3
50MB-30MB	218.0	218.0	218.0	218.0	218.0
30MB-10MB	222.4	222.0	222.4	221.1	222.4
10MB-5MB	230.7	228.4	229.7	228.7	230.1
5MB-2MB	237.7	237.0	238.6	235.5	237.9
2MB-1MB	240.0	244.4	245.3	238.2	243.3
1MB-0.4MB	241.7	248.7	248.6	240.8	246.6
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	*****
HIRS/2 BAND 2	*****	*****	*****	*****	*****
HIRS/2 BAND 3	*****	*****	*****	*****	*****
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	*****	*****
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	249.84	259.77	252.34	248.33	252.13
MSU BAND 2	246.72	247.45	247.11	246.66	247.64
MSU BAND 3	228.83	228.44	228.63	227.94	227.38
MSU BAND 4	217.98	217.55	217.66	218.27	217.55
SSU BAND 1	225.08	224.66	225.11	224.03	225.05
SSU BAND 2	233.23	232.03	233.28	231.66	233.20
SSU BAND 3	236.27	238.75	239.41	234.92	238.27

TABLE 1. CONTINUED

OCT. 14 TO OCT. 14

DAY: HOUR: MIN	14:20: 7	14:20: 7	14:20: 7	14:20: 8	14:20: 8
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	41.57	42.02	42.65	44.73	45.52
LONGITUDE (DEG W)	92.64	90.61	87.53	91.00	89.03
SOLAR ZENITH (DEG)	58.31	59.64	61.65	61.59	63.11
BOX SIZE LxW (KM)	309x293	309x293	309x293	309x293	309x293
RELATIVE REFLECTANCE	0.09	*****	*****	0.09	*****
SURFACE ALT (M)	267.	250.	156.	337.	438.
SURFACE TEMP (K)	285.0	280.0	275.0	278.0	277.0
SURFACE PRES (MB)	1000.	1000.	1000.	950.	950.
TROP PRES (MB)	246.	251.	268.	257.	268.
TROP TEMP (K)	221.1	220.8	226.3	221.5	226.1
OZONE (DOBSON)	316.	****	****	316.	****
CLOUD COVER (%)	25.	***	***	52.	***
CLOUD ALT (MB)	850.0	*****	*****	818.3	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	10.0	*****	*****	7.0	*****
700MB-500MB	2.0	*****	*****	2.0	*****
500MB-300MB	0.0	*****	*****	0.0	*****
TEMPERATURE (K)					
SURFACE-850MB	278.8	278.1	275.4	274.3	273.1
850MB-700MB	268.9	269.6	266.6	267.6	266.1
700MB-500MB	259.2	259.0	255.5	258.0	255.3
500MB-400MB	246.7	246.0	242.8	245.3	242.5
400MB-300MB	234.0	233.5	232.3	232.3	232.3
300MB-200MB	222.6	222.3	226.0	222.4	225.8
200MB-100MB	220.3	221.0	223.0	221.7	223.0
100MB-70MB	218.4	218.4	220.3	219.4	220.3
70MB-50MB	218.3	219.3	219.3	220.3	219.3
50MB-30MB	219.4	219.4	220.0	220.0	220.0
30MB-10MB	223.9	224.2	223.3	223.3	223.3
10MB-5MB	231.5	232.1	230.5	230.5	230.3
5MB-2MB	242.7	242.2	241.9	242.0	241.0
2MB-1MB	251.2	248.6	250.6	250.6	249.1
1MB-0.4MB	254.2	251.0	254.0	253.5	252.6
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	227.92	227.73	228.55	227.09	228.39
HIRS/2 BAND 2	222.11	222.09	222.92	222.78	223.03
HIRS/2 BAND 3	221.39	222.30	223.53	221.28	223.08
HIRS/2 BAND 4	228.66	*****	*****	229.19	*****
HIRS/2 BAND 5	242.84	*****	*****	242.08	*****
HIRS/2 BAND 6	251.25	*****	*****	250.30	*****
HIRS/2 BAND 7	264.52	*****	*****	261.28	*****
HIRS/2 BAND 8	284.59	*****	*****	278.25	*****
HIRS/2 BAND 9	259.98	*****	*****	255.98	*****
HIRS/2 BAND 10	277.94	*****	*****	272.63	*****
HIRS/2 BAND 11	253.75	*****	*****	251.42	*****
HIRS/2 BAND 12	241.95	*****	*****	237.36	*****
HIRS/2 BAND 13	268.19	*****	*****	264.27	*****
HIRS/2 BAND 14	257.97	*****	*****	255.23	*****
HIRS/2 BAND 15	242.22	*****	*****	240.95	*****
HIRS/2 BAND 16	257.00	*****	*****	255.27	*****
HIRS/2 BAND 17	236.02	235.63	235.33	234.78	234.72
HIRS/2 BAND 18	288.94	*****	*****	281.88	*****
HIRS/2 BAND 19	291.75	*****	*****	284.72	*****
HIRS/2 BAND 20	2018.19	*****	*****	2017.00	*****
MSU BAND 1	265.70	264.13	245.88	263.13	259.80
MSU BAND 2	247.88	247.33	246.03	246.59	245.81
MSU BAND 3	227.83	228.17	229.19	227.94	229.08
MSU BAND 4	218.22	218.95	219.89	219.50	219.88
SSU BAND 1	226.45	226.58	226.02	225.73	225.81
SSU BAND 2	234.17	234.41	234.53	234.17	234.22
SSU BAND 3	241.19	239.86	240.56	240.09	239.70

TABLE 1. CONTINUED

OCT. 14 TO OCT. 14

DAY: HOUR: MIN	14:20: 8	14:20: 8	14:20: 9	14:23:35	14:23:36
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	6	6
LATITUDE (DEG N)	45.83	45.27	47.33	40.36	42.16
LONGITUDE (DEG W)	87.33	86.02	91.81	88.26	92.92
SOLAR ZENITH (DEG)	64.15	64.36	63.33	*****	*****
BOX SIZE LxW (KM)	309x293	309x293	309x293	518x293	518x293
RELATIVE REFLECTANCE	0.31	0.48	*****	*****	*****
SURFACE ALT (M)	234.	178.	400.	212.	303.
SURFACE TEMP (K)	271.0	272.0	273.0	274.0	269.0
SURFACE PRES (MB)	1000.	1000.	950.	1000.	950.
TROP PRES (MB)	268.	268.	257.	246.	246.
TROP TEMP (K)	224.8	226.0	221.7	219.3	219.3
OZONE (DOBSON)	314.	317.	****	****	****
CLOUD COVER (%)	83.	99.	***	***	***
CLOUD ALT (MB)	673.5	733.3	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	7.0	8.0	*****	*****	*****
700MB-500MB	2.0	2.0	*****	*****	*****
500MB-300MB	0.0	0.0	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	271.0	272.7	274.6	277.5	275.2
850MB-700MB	266.4	266.1	268.2	270.8	270.1
700MB-500MB	256.7	255.7	257.5	260.7	259.8
500MB-400MB	243.9	242.5	244.4	247.3	246.7
400MB-300MB	232.3	232.2	232.1	233.7	233.5
300MB-200MB	224.9	225.7	222.6	221.4	221.2
200MB-100MB	222.8	223.0	221.5	220.5	219.7
100MB-70MB	220.3	220.3	219.4	218.4	217.4
70MB-50MB	220.3	220.3	219.3	218.3	218.3
50MB-30MB	220.0	220.0	219.4	219.4	218.7
30MB-10MB	223.9	223.6	223.0	222.7	222.4
10MB-5MB	230.6	229.8	229.8	230.0	229.5
5MB-2MB	240.6	241.4	237.7	240.3	239.4
2MB-1MB	247.9	250.8	244.4	248.2	247.6
1MB-0.4MB	251.6	254.8	250.2	251.8	251.8
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	229.41	229.14	230.97	*****	*****
HIRS/2 BAND 2	221.33	223.14	222.27	*****	*****
HIRS/2 BAND 3	222.34	223.38	223.06	*****	*****
HIRS/2 BAND 4	229.00	228.77	*****	*****	*****
HIRS/2 BAND 5	240.84	241.63	*****	*****	*****
HIRS/2 BAND 6	249.42	249.02	*****	*****	*****
HIRS/2 BAND 7	256.66	260.08	*****	*****	*****
HIRS/2 BAND 8	270.91	272.42	*****	*****	*****
HIRS/2 BAND 9	252.77	254.02	*****	*****	*****
HIRS/2 BAND 10	268.92	269.20	*****	*****	*****
HIRS/2 BAND 11	251.48	253.84	*****	*****	*****
HIRS/2 BAND 12	233.72	241.09	*****	*****	*****
HIRS/2 BAND 13	260.34	261.19	*****	*****	*****
HIRS/2 BAND 14	252.64	252.97	*****	*****	*****
HIRS/2 BAND 15	240.08	240.28	*****	*****	*****
HIRS/2 BAND 16	253.36	253.64	*****	*****	*****
HIRS/2 BAND 17	234.75	234.89	234.25	*****	*****
HIRS/2 BAND 18	272.83	280.27	*****	*****	*****
HIRS/2 BAND 19	272.91	287.59	*****	*****	*****
HIRS/2 BAND 20	2029.50	2034.25	*****	*****	*****
MSU BAND 1	248.44	243.36	256.69	263.27	262.59
MSU BAND 2	245.92	245.72	246.30	248.16	247.58
MSU BAND 3	229.52	229.66	228.03	226.61	226.20
MSU BAND 4	219.95	220.02	219.30	218.17	217.58
SSU BAND 1	226.11	226.00	225.23	225.41	225.22
SSU BAND 2	234.03	234.03	233.23	234.13	233.41
SSU BAND 3	239.58	240.84	238.27	241.52	241.09

TABLE 1. CONTINUED

OCT. 14 TO OCT. 15

DAY: HOUR: MIN	14:23:36	14:23:36	14:23:36	14:23:36	15: 8:29
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	9
LATITUDE (DEG N)	42.95	43.49	45.54	46.10	43.22
LONGITUDE (DEG W)	89.29	86.41	90.39	87.40	87.96
SOLAR ZENITH (DEG)	*****	*****	*****	*****	90.00
BOX SIZE LxW (KM)	518x293	518x293	309x293	309x293	250x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	272.	159.	443.	255.	200.
SURFACE TEMP (K)	274.0	280.0	270.0	272.0	279.0
SURFACE PRES (MB)	1000.	1000.	950.	1000.	1000.
TROP PRES (MB)	257.	273.	262.	273.	251.
TROP TEMP (K)	220.3	223.3	220.8	222.5	223.8
OZONE (DOBSON)	****	****	****	****	315.
CLOUD COVER (%)	***	***	***	***	60.
CLOUD ALT (MB)	*****	*****	*****	*****	850.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	8.0
700MB-500MB	*****	*****	*****	*****	2.0
500MB-300MB	*****	*****	*****	*****	0.0
TEMPERATURE (K)					
SURFACE-850MB	275.2	273.9	273.1	273.7	275.2
850MB-700MB	269.1	267.3	268.2	267.3	266.8
700MB-500MB	258.6	257.0	257.8	256.8	256.4
500MB-400MB	245.3	243.7	244.5	243.4	244.4
400MB-300MB	232.1	231.3	231.5	230.7	233.4
300MB-200MB	221.6	223.7	221.8	223.1	224.6
200MB-100MB	221.8	222.9	221.8	223.2	221.0
100MB-70MB	219.4	220.3	220.3	220.3	217.4
70MB-50MB	219.3	220.3	219.3	220.3	218.3
50MB-30MB	219.4	220.0	219.4	219.4	219.4
30MB-10MB	223.6	223.3	222.7	222.7	223.9
10MB-5MB	230.0	229.6	228.9	228.6	231.5
5MB-2MB	239.1	239.3	237.8	237.3	241.0
2MB-1MB	245.9	247.5	245.0	244.7	247.8
1MB-0.4MB	249.5	251.8	249.3	249.4	251.1
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	227.45
HIRS/2 BAND 2	*****	*****	*****	*****	222.00
HIRS/2 BAND 3	*****	*****	*****	*****	220.66
HIRS/2 BAND 4	*****	*****	*****	*****	227.98
HIRS/2 BAND 5	*****	*****	*****	*****	240.44
HIRS/2 BAND 6	*****	*****	*****	*****	250.28
HIRS/2 BAND 7	*****	*****	*****	*****	261.34
HIRS/2 BAND 8	*****	*****	*****	*****	279.00
HIRS/2 BAND 9	*****	*****	*****	*****	256.00
HIRS/2 BAND 10	*****	*****	*****	*****	273.64
HIRS/2 BAND 11	*****	*****	*****	*****	252.73
HIRS/2 BAND 12	*****	*****	*****	*****	238.55
HIRS/2 BAND 13	*****	*****	*****	*****	264.61
HIRS/2 BAND 14	*****	*****	*****	*****	254.95
HIRS/2 BAND 15	*****	*****	*****	*****	240.13
HIRS/2 BAND 16	*****	*****	*****	*****	249.34
HIRS/2 BAND 17	*****	*****	*****	*****	229.92
HIRS/2 BAND 18	*****	*****	*****	*****	280.75
HIRS/2 BAND 19	*****	*****	*****	*****	280.47
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	260.08	248.27	258.48	236.78	242.61
MSU BAND 2	246.95	246.44	246.47	246.19	246.41
MSU BAND 3	226.66	227.39	226.63	227.17	228.28
MSU BAND 4	219.13	219.81	219.34	220.09	217.89
SSU BAND 1	225.69	225.81	225.05	225.05	225.97
SSU BAND 2	233.56	233.73	232.97	232.98	233.89
SSU BAND 3	240.34	241.30	239.56	239.34	239.16

TABLE 1. CONTINUED

OCT. 15 TO OCT. 15

DAY: HOUR: MIN	15: 8:29	15:10:10	15:10:10	15:10:10	15:10: 8
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	40.51	44.29	45.03	41.66	47.28
LONGITUDE (DEG W)	86.67	89.95	93.21	90.67	88.86
SOLAR ZENITH (DEG)	90.00	90.00	90.00	90.00	90.00
BOX SIZE LxW (KM)	250x293	518x293	518x293	518x293	309x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	233.	324.	309.	232.	170.
SURFACE TEMP (K)	273.0	271.0	280.0	280.0	272.0
SURFACE PRES (MB)	1000.	950.	1000.	1000.	1000.
TROP PRES (MB)	241.	246.	246.	246.	251.
TROP TEMP (K)	221.8	221.1	218.8	221.4	218.2
OZONE (DOBSON)	308.	312.	****	****	****
CLOUD COVER (%)	1.	14.	***	***	***
CLOUD ALT (MB)	700.0	850.0	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	9.0	6.0	*****	*****	*****
700MB-500MB	2.0	2.0	*****	*****	*****
500MB-300MB	0.0	0.0	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	276.2	272.1	276.2	276.0	275.6
850MB-700MB	269.8	267.1	269.1	268.7	268.5
700MB-500MB	259.3	257.2	258.7	258.0	258.2
500MB-400MB	246.7	244.5	245.4	245.1	245.1
400MB-300MB	234.8	232.8	232.8	233.4	232.1
300MB-200MB	223.5	222.5	220.5	222.9	220.0
200MB-100MB	219.7	220.1	218.8	219.7	220.0
100MB-70MB	217.4	218.4	217.4	217.4	218.4
70MB-50MB	218.3	218.3	217.3	217.3	218.3
50MB-30MB	218.7	219.4	218.0	218.7	218.7
30MB-10MB	223.9	222.7	222.0	223.6	221.4
10MB-5MB	231.9	230.5	229.5	231.4	228.9
5MB-2MB	241.2	240.9	239.6	242.1	239.9
2MB-1MB	248.6	248.6	248.1	250.0	248.5
1MB-0.4MB	252.4	251.7	252.3	252.7	252.1
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	229.55	226.09	226.17	226.13	225.09
HIRS/2 BAND 2	221.47	221.14	220.39	220.73	220.69
HIRS/2 BAND 3	220.45	220.39	221.16	221.28	220.89
HIRS/2 BAND 4	227.67	228.00	*****	*****	*****
HIRS/2 BAND 5	241.78	240.58	*****	*****	*****
HIRS/2 BAND 6	250.20	248.73	*****	*****	*****
HIRS/2 BAND 7	261.20	259.09	*****	*****	*****
HIRS/2 BAND 8	273.03	271.31	*****	*****	*****
HIRS/2 BAND 9	253.83	251.75	*****	*****	*****
HIRS/2 BAND 10	270.22	268.25	*****	*****	*****
HIRS/2 BAND 11	255.98	254.33	*****	*****	*****
HIRS/2 BAND 12	245.53	241.86	*****	*****	*****
HIRS/2 BAND 13	262.20	260.42	*****	*****	*****
HIRS/2 BAND 14	254.39	252.84	*****	*****	*****
HIRS/2 BAND 15	240.89	239.77	*****	*****	*****
HIRS/2 BAND 16	251.17	250.75	*****	*****	*****
HIRS/2 BAND 17	231.16	231.58	231.09	231.56	231.47
HIRS/2 BAND 18	274.53	273.03	*****	*****	*****
HIRS/2 BAND 19	274.23	272.86	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	254.70	253.16	259.06	254.95	232.73
MSU BAND 2	247.36	246.03	246.53	246.73	246.20
MSU BAND 3	228.58	227.67	226.94	227.89	227.05
MSU BAND 4	217.56	218.13	217.39	217.59	218.41
SSU BAND 1	226.06	225.42	224.95	226.08	224.58
SSU BAND 2	234.66	233.30	232.50	233.84	232.44
SSU BAND 3	240.09	238.86	238.45	239.77	238.13

TABLE 1. CONTINUED

OCT. 15 TO OCT. 15

DAY: HOUR: MIN	15:19:56	15:19:56	15:19:57	15:19:57	15:19:57
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	40.59	40.05	42.55	43.24	43.81
LONGITUDE (DEG W)	87.26	91.36	92.61	89.72	87.07
SOLAR ZENITH (DEG)	59.18	56.76	58.26	60.10	61.78
BOX SIZE LxW (KM)	250x293	250x293	250x293	250x293	250x293
RELATIVE REFLECTANCE	0.09	0.07	0.09	0.08	0.03
SURFACE ALT (M)	212.	204.	322.	282.	150.
SURFACE TEMP (K)	290.0	289.0	289.0	284.0	284.0
SURFACE PRES (MB)	1000.	1000.	1000.	1000.	1000.
TROP PRES (MB)	246.	241.	230.	241.	246.
TROP TEMP (K)	222.0	220.4	217.4	219.1	218.8
OZONE (DOBSON)	318.	314.	311.	309.	311.
CLOUD COVER (%)	35.	0.	34.	70.	70.
CLOUD ALT (MB)	850.0	****	850.0	802.9	850.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	9.0	9.0	10.0	9.0	8.0
700MB-500MB	2.0	2.0	3.0	2.0	2.0
500MB-300MB	1.0	0.0	1.0	1.0	0.0
TEMPERATURE (K)					
SURFACE-850MB	280.4	280.6	281.5	278.8	278.1
850MB-700MB	269.9	271.5	273.1	270.3	269.8
700MB-500MB	259.0	260.3	262.0	260.5	259.8
500MB-400MB	246.3	247.1	248.5	247.9	247.0
400MB-300MB	234.3	234.5	235.0	234.8	234.3
300MB-200MB	223.4	222.4	220.3	221.3	220.8
200MB-100MB	220.2	218.8	217.0	217.9	218.7
100MB-70MB	217.4	217.4	215.5	217.4	217.4
70MB-50MB	217.3	216.3	217.3	217.3	218.3
50MB-30MB	219.4	218.7	218.7	218.7	219.4
30MB-10MB	223.6	223.6	223.3	223.6	223.9
10MB-5MB	231.9	231.7	230.8	231.1	231.7
5MB-2MB	243.7	241.2	239.7	241.6	243.3
2MB-1MB	252.6	249.5	248.6	250.5	252.2
1MB-0.4MB	255.2	253.7	253.7	254.5	255.2
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	227.52	229.80	230.66	229.14	227.88
HIRS/2 BAND 2	221.89	221.48	221.36	222.50	222.38
HIRS/2 BAND 3	221.11	221.55	220.80	220.83	220.97
HIRS/2 BAND 4	228.31	228.61	227.95	227.38	227.28
HIRS/2 BAND 5	243.75	243.34	243.03	242.23	242.86
HIRS/2 BAND 6	252.78	254.02	253.86	252.09	252.25
HIRS/2 BAND 7	267.47	268.03	266.61	265.11	265.45
HIRS/2 BAND 8	289.58	289.13	288.98	284.19	283.70
HIRS/2 BAND 9	262.45	263.47	263.52	260.86	260.19
HIRS/2 BAND 10	282.23	283.56	282.11	278.50	278.77
HIRS/2 BAND 11	254.16	258.73	253.44	254.06	257.80
HIRS/2 BAND 12	242.77	244.81	236.97	240.41	246.78
HIRS/2 BAND 13	271.02	271.92	271.31	268.16	268.20
HIRS/2 BAND 14	259.84	260.80	260.94	258.17	258.02
HIRS/2 BAND 15	242.53	243.17	243.53	242.33	242.25
HIRS/2 BAND 16	259.48	258.17	257.75	257.56	258.27
HIRS/2 BAND 17	236.17	236.20	236.19	235.42	235.39
HIRS/2 BAND 18	293.23	293.30	291.17	288.14	285.61
HIRS/2 BAND 19	295.66	294.39	292.94	291.84	286.06
HIRS/2 BAND 20	2017.81	2016.06	2017.94	2017.25	2006.38
MSU BAND 1	267.86	269.66	268.31	262.80	244.09
MSU BAND 2	248.09	248.28	248.59	248.16	247.27
MSU BAND 3	228.05	227.59	226.73	227.22	227.30
MSU BAND 4	217.61	216.97	216.45	217.13	217.72
SSU BAND 1	226.39	226.16	225.73	225.92	226.52
SSU BAND 2	234.86	234.63	233.83	234.27	234.36
SSU BAND 3	241.64	240.66	240.34	241.02	241.75

TABLE 1. CONTINUED

OCT. 15 TO OCT. 15

DAY: HOUR: MIN	15:23:12	15:23:12	15:23:12	15:23:12	15:23:13
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	6
LATITUDE (DEG N)	41.95	42.86	44.42	45.39	46.91
LONGITUDE (DEG W)	90.81	87.16	92.23	88.45	93.75
SOLAR ZENITH (DEG)	*****	*****	*****	*****	*****
BOX SIZE LxW (KM)	250x293	250x293	250x293	518x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	247.	146.	312.	350.	398.
SURFACE TEMP (K)	281.0	281.0	275.0	273.0	277.0
SURFACE PRES (MB)	1000.	1000.	950.	950.	950.
TROP PRES (MB)	224.	241.	214.	235.	203.
TROP TEMP (K)	218.1	218.6	215.6	216.8	215.1
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	279.4	278.5	279.2	278.3	280.7
850MB-700MB	272.6	272.0	274.0	273.1	275.4
700MB-500MB	261.8	261.5	263.1	262.4	264.3
500MB-400MB	248.3	248.2	249.4	248.8	250.5
400MB-300MB	235.4	234.7	235.7	234.9	236.7
300MB-200MB	221.3	220.8	220.2	219.7	220.8
200MB-100MB	216.1	218.2	214.7	217.3	213.9
100MB-70MB	214.6	217.4	213.6	216.5	213.6
70MB-50MB	216.3	217.3	215.3	217.3	214.2
50MB-30MB	218.0	218.7	218.0	218.7	217.4
30MB-10MB	223.0	223.3	222.7	222.7	221.7
10MB-5MB	230.4	230.2	230.1	229.6	228.6
5MB-2MB	239.3	240.2	239.1	238.8	238.1
2MB-1MB	247.9	249.1	247.5	247.0	247.8
1MB-0.4MB	252.4	253.2	251.6	251.4	252.6
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	*****
HIRS/2 BAND 2	*****	*****	*****	*****	*****
HIRS/2 BAND 3	*****	*****	*****	*****	*****
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	*****	*****
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	258.64	245.61	262.11	253.55	259.22
MSU BAND 2	248.73	248.59	249.16	248.86	250.03
MSU BAND 3	225.41	226.06	224.73	225.52	224.88
MSU BAND 4	215.69	217.05	215.23	216.84	214.72
SSU BAND 1	225.61	225.91	225.31	225.28	224.56
SSU BAND 2	233.59	233.59	233.20	232.97	232.25
SSU BAND 3	241.08	242.16	240.64	240.66	240.50

TABLE 1. CONTINUED

OCT. 16 TO OCT. 16

DAY: HOUR: MIN	16: 9:58	16: 9:59	16: 9:59	16: 9:59	16: 9:59
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	47.17	43.71	41.45	44.02	45.06
LONGITUDE (DEG W)	91.29	88.25	87.25	91.49	92.78
SOLAR ZENITH (DEG)	90.00	90.00	90.00	90.00	90.00
BOX SIZE LxW (KM)	250x293	250x293	250x293	250x293	250x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	336.	227.	205.	311.	313.
SURFACE TEMP (K)	281.0	278.0	278.0	276.0	276.0
SURFACE PRES (MB)	950.	1000.	1000.	950.	950.
TROP PRES (MB)	214.	235.	230.	214.	203.
TROP TEMP (K)	216.7	218.7	218.0	214.8	214.5
OZONE (DOBSON)	306.	****	****	302.	****
CLOUD COVER (%)	88.	***	***	78.	***
CLOUD ALT (MB)	718.8	*****	*****	587.2	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	9.0	*****	*****	11.0	*****
700MB-500MB	3.0	*****	*****	4.0	*****
500MB-300MB	1.0	*****	*****	1.0	*****
TEMPERATURE (K)					
SURFACE-850MB	280.7	280.2	280.2	279.2	282.0
850MB-700MB	275.4	272.4	272.9	275.0	276.6
700MB-500MB	264.0	261.6	262.2	264.4	265.1
500MB-400MB	249.9	248.2	248.6	250.6	250.9
400MB-300MB	236.8	235.0	235.5	236.7	237.0
300MB-200MB	221.3	221.3	220.9	219.7	220.6
200MB-100MB	215.3	217.2	216.6	214.8	214.2
100MB-70MB	215.5	216.5	214.6	215.5	214.6
70MB-50MB	216.3	217.3	216.3	216.3	215.3
50MB-30MB	218.0	218.7	218.7	218.0	217.4
30MB-10MB	222.4	223.3	223.3	222.0	221.7
10MB-5MB	228.4	229.8	230.5	229.6	228.8
5MB-2MB	237.3	239.9	242.3	239.8	238.6
2MB-1MB	247.7	250.0	253.0	249.5	249.3
1MB-0.4MB	254.0	255.2	256.8	254.0	254.8
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	228.34	229.55	227.38	226.38	226.58
HIRS/2 BAND 2	221.98	221.48	220.94	220.22	219.58
HIRS/2 BAND 3	220.14	220.50	219.80	219.72	219.27
HIRS/2 BAND 4	227.41	*****	*****	228.36	*****
HIRS/2 BAND 5	243.64	*****	*****	242.84	*****
HIRS/2 BAND 6	253.17	*****	*****	251.16	*****
HIRS/2 BAND 7	265.09	*****	*****	262.22	*****
HIRS/2 BAND 8	280.63	*****	*****	275.69	*****
HIRS/2 BAND 9	258.66	*****	*****	256.11	*****
HIRS/2 BAND 10	276.33	*****	*****	271.05	*****
HIRS/2 BAND 11	257.89	*****	*****	255.34	*****
HIRS/2 BAND 12	241.58	*****	*****	238.84	*****
HIRS/2 BAND 13	267.58	*****	*****	264.75	*****
HIRS/2 BAND 14	259.09	*****	*****	257.58	*****
HIRS/2 BAND 15	244.16	*****	*****	243.63	*****
HIRS/2 BAND 16	258.88	*****	*****	257.16	*****
HIRS/2 BAND 17	231.23	231.63	231.66	231.47	231.42
HIRS/2 BAND 18	281.50	*****	*****	275.42	*****
HIRS/2 BAND 19	281.45	*****	*****	275.73	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	248.38	256.77	254.31	264.72	263.14
MSU BAND 2	249.70	248.47	248.72	250.17	250.42
MSU BAND 3	227.25	227.33	227.11	226.69	226.77
MSU BAND 4	215.84	216.72	216.20	215.98	215.19
SSU BAND 1	224.38	225.66	225.92	224.86	224.45
SSU BAND 2	232.02	232.86	233.47	232.83	232.47
SSU BAND 3	238.66	240.80	241.72	239.06	238.69

TABLE 1. CONTINUED

OCT. 16 TO OCT. 16

DAY: HOUR: MIN	16:10: 0	16:10: 0	16:13: 5	16:13: 5	16:13: 5
MONTH	10	10	10	10	10
SATELLITE NO	9	9	6	6	6
LATITUDE (DEG N)	41.12	41.59	46.36	46.84	47.20
LONGITUDE (DEG W)	90.83	93.10	87.47	90.55	93.58
SOLAR ZENITH (DEG)	90.00	90.00	*****	*****	*****
BOX SIZE LxW (KM)	250x293	250x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	207.	278.	273.	286.	403.
SURFACE TEMP (K)	280.0	*****	277.0	277.0	279.0
SURFACE PRES (MB)	1000.	1000.	1000.	1000.	950.
TROP PRES (MB)	214.	203.	241.	219.	203.
TROP TEMP (K)	214.7	211.9	219.2	217.1	214.9
OZONE (DOBSON)	****	294.	****	****	****
CLOUD COVER (%)	***	39.	***	***	***
CLOUD ALT (MB)	*****	700.0	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	16.0	*****	*****	*****
700MB-500MB	*****	5.0	*****	*****	*****
500MB-300MB	*****	1.0	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	283.2	*****	277.5	280.2	281.4
850MB-700MB	276.4	*****	271.2	273.6	276.1
700MB-500MB	264.7	*****	260.5	262.7	264.8
500MB-400MB	250.6	*****	247.4	249.1	250.9
400MB-300MB	236.2	*****	234.3	235.7	237.0
300MB-200MB	219.7	*****	221.3	220.8	220.7
200MB-100MB	214.5	*****	218.7	216.0	214.1
100MB-70MB	213.6	214.6	216.5	214.6	214.6
70MB-50MB	216.3	215.3	217.3	216.3	214.2
50MB-30MB	218.0	218.0	218.7	218.0	217.4
30MB-10MB	223.0	223.0	221.4	221.7	220.8
10MB-5MB	229.8	229.8	228.5	228.6	227.3
5MB-2MB	239.8	238.6	237.3	236.0	236.2
2MB-1MB	250.4	248.5	245.5	244.3	246.4
1MB-0.4MB	255.5	254.0	250.5	249.9	252.2
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	229.41	229.41	*****	*****	*****
HIRS/2 BAND 2	220.73	220.34	*****	*****	*****
HIRS/2 BAND 3	220.09	219.63	*****	*****	*****
HIRS/2 BAND 4	*****	227.69	*****	*****	*****
HIRS/2 BAND 5	*****	243.91	*****	*****	*****
HIRS/2 BAND 6	*****	253.20	*****	*****	*****
HIRS/2 BAND 7	*****	263.55	*****	*****	*****
HIRS/2 BAND 8	*****	274.91	*****	*****	*****
HIRS/2 BAND 9	*****	257.39	*****	*****	*****
HIRS/2 BAND 10	*****	272.34	*****	*****	*****
HIRS/2 BAND 11	*****	253.39	*****	*****	*****
HIRS/2 BAND 12	*****	239.44	*****	*****	*****
HIRS/2 BAND 13	*****	266.38	*****	*****	*****
HIRS/2 BAND 14	*****	258.86	*****	*****	*****
HIRS/2 BAND 15	*****	244.59	*****	*****	*****
HIRS/2 BAND 16	*****	258.69	*****	*****	*****
HIRS/2 BAND 17	231.84	231.78	*****	*****	*****
HIRS/2 BAND 18	*****	275.67	*****	*****	*****
HIRS/2 BAND 19	*****	276.13	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	261.86	263.31	247.77	251.06	261.17
MSU BAND 2	249.98	250.67	248.09	249.25	250.48
MSU BAND 3	226.34	226.25	226.08	225.39	225.05
MSU BAND 4	215.50	215.31	216.94	215.83	215.02
SSU BAND 1	225.41	225.20	224.44	224.20	223.61
SSU BAND 2	233.09	232.97	232.33	231.95	231.31
SSU BAND 3	240.69	239.52	239.42	238.34	239.33

TABLE 1. CONTINUED

OCT. 16 TO OCT. 16

DAY: HOUR: MIN	16:13: 6	16:13: 6	16:13: 6	16:13: 6	16:13: 6
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	6
LATITUDE (DEG N)	43.79	44.23	40.55	41.21	41.63
LONGITUDE (DEG W)	88.61	91.56	86.10	89.67	92.50
SOLAR ZENITH (DEG)	*****	*****	*****	*****	*****
BOX SIZE LxW (KM)	518x293	518x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	269.	304.	247.	207.	261.
SURFACE TEMP (K)	277.0	275.0	284.0	280.0	281.0
SURFACE PRES (MB)	1000.	1000.	1000.	1000.	1000.
TROP PRES (MB)	230.	208.	230.	219.	203.
TROP TEMP (K)	217.5	215.5	217.3	215.3	213.0
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	279.8	282.3	280.0	281.9	284.0
850MB-700MB	273.3	275.7	273.4	275.6	277.8
700MB-500MB	262.6	264.6	262.8	264.5	266.4
500MB-400MB	249.0	250.6	249.3	250.6	252.2
400MB-300MB	235.4	236.9	235.4	236.3	237.5
300MB-200MB	220.6	220.8	220.4	219.6	219.8
200MB-100MB	217.1	214.5	216.9	215.6	213.0
100MB-70MB	215.5	214.6	215.5	215.5	213.6
70MB-50MB	217.3	215.3	217.3	216.3	215.3
50MB-30MB	218.0	217.4	218.7	218.0	217.4
30MB-10MB	222.0	221.7	223.3	222.0	221.7
10MB-5MB	228.2	228.8	229.7	229.3	229.4
5MB-2MB	237.5	236.7	238.9	239.3	238.1
2MB-1MB	247.3	245.4	247.9	248.6	246.1
1MB-0.4MB	252.9	250.8	252.6	253.2	250.4
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	*****
HIRS/2 BAND 2	*****	*****	*****	*****	*****
HIRS/2 BAND 3	*****	*****	*****	*****	*****
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	*****	*****
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	258.55	264.55	264.19	264.58	264.36
MSU BAND 2	249.14	250.44	249.25	250.17	251.28
MSU BAND 3	225.66	225.27	225.64	225.23	224.66
MSU BAND 4	216.41	215.45	216.47	216.16	214.97
SSU BAND 1	224.75	224.28	225.72	224.92	224.63
SSU BAND 2	231.78	232.31	232.61	233.39	232.61
SSU BAND 3	240.63	238.97	241.38	241.33	239.45

TABLE 1. CONTINUED

OCT. 16 TO OCT. 16

DAY: HOUR: MIN	16:19:46	16:19:46	16:19:46	16:19:46	16:19:46
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	40.48	41.39	41.35	45.09	45.86
LONGITUDE (DEG W)	91.67	88.10	86.57	89.43	86.03
SOLAR ZENITH (DEG)	56.10	58.45	59.13	60.92	62.98
BOX SIZE LxW (KM)	518x293	518x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	0.07	0.10	0.15	*****	*****
SURFACE ALT (M)	217.	201.	218.	389.	162.
SURFACE TEMP (K)	294.0	287.0	284.0	281.0	281.0
SURFACE PRES (MB)	1000.	1000.	1000.	950.	1000.
TROP PRES (MB)	197.	219.	230.	214.	246.
TROP TEMP (K)	213.8	216.0	217.7	216.5	220.4
OZONE (DOBSON)	298.	298.	301.	****	****
CLOUD COVER (%)	27.	31.	39.	***	***
CLOUD ALT (MB)	850.0	850.0	850.0	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	17.0	13.0	12.0	*****	*****
700MB-500MB	4.0	3.0	3.0	*****	*****
500MB-300MB	1.0	1.0	1.0	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	287.6	284.4	280.2	280.1	278.3
850MB-700MB	279.1	277.0	273.4	274.7	270.6
700MB-500MB	266.5	265.3	263.1	263.5	259.9
500MB-400MB	252.2	251.2	249.9	249.9	247.0
400MB-300MB	237.9	236.9	236.3	236.2	234.3
300MB-200MB	220.9	220.2	220.8	220.9	222.1
200MB-100MB	212.4	215.4	216.8	215.3	219.1
100MB-70MB	211.7	214.6	217.4	215.5	218.4
70MB-50MB	214.2	217.3	216.3	215.3	217.3
50MB-30MB	218.0	218.0	218.0	216.7	218.0
30MB-10MB	222.7	223.3	223.0	221.1	222.4
10MB-5MB	230.0	230.3	231.0	229.2	230.0
5MB-2MB	238.8	240.1	244.0	242.4	241.9
2MB-1MB	249.4	251.0	254.4	254.3	251.5
1MB-0.4MB	255.1	256.7	257.1	258.1	255.0
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	231.59	233.25	226.72	225.64	226.61
HIRS/2 BAND 2	219.48	221.78	220.91	219.66	220.94
HIRS/2 BAND 3	220.42	219.69	219.52	219.63	221.25
HIRS/2 BAND 4	228.91	227.78	228.77	*****	*****
HIRS/2 BAND 5	245.09	244.41	243.19	*****	*****
HIRS/2 BAND 6	256.31	254.39	253.25	*****	*****
HIRS/2 BAND 7	269.88	267.80	265.23	*****	*****
HIRS/2 BAND 8	294.11	287.30	283.59	*****	*****
HIRS/2 BAND 9	268.86	264.31	261.19	*****	*****
HIRS/2 BAND 10	285.52	281.42	278.77	*****	*****
HIRS/2 BAND 11	256.19	258.39	257.97	*****	*****
HIRS/2 BAND 12	240.86	243.81	241.67	*****	*****
HIRS/2 BAND 13	276.00	272.00	269.53	*****	*****
HIRS/2 BAND 14	264.83	261.95	259.69	*****	*****
HIRS/2 BAND 15	247.31	245.33	243.50	*****	*****
HIRS/2 BAND 16	260.23	260.14	259.02	*****	*****
HIRS/2 BAND 17	236.72	236.34	236.17	235.30	234.89
HIRS/2 BAND 18	296.81	293.72	293.58	*****	*****
HIRS/2 BAND 19	297.77	296.56	299.27	*****	*****
HIRS/2 BAND 20	2016.25	2019.88	2023.50	*****	*****
MSU BAND 1	272.30	264.13	263.92	264.94	248.92
MSU BAND 2	251.66	250.23	249.38	249.58	247.81
MSU BAND 3	226.42	227.05	227.38	226.98	227.89
MSU BAND 4	214.17	215.94	216.67	215.56	217.56
SSU BAND 1	225.36	225.75	225.94	224.78	225.38
SSU BAND 2	233.33	234.34	234.50	233.58	233.59
SSU BAND 3	240.72	242.22	242.11	241.14	240.41

TABLE 1. CONTINUED

OCT. 16 TO OCT. 17

DAY: HOUR: MIN	16: 22: 48	17: 0: 27	17: 0: 27	17: 0: 28	17: 0: 28
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	6
LATITUDE (DEG N)	45.11	40.57	40.88	43.22	43.52
LONGITUDE (DEG W)	86.52	92.31	89.29	92.97	89.83
SOLAR ZENITH (DEG)	*****	*****	*****	*****	*****
BOX SIZE LxW (KM)	250x293	518x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	175.	247.	205.	352.	289.
SURFACE TEMP (K)	278.0	289.0	285.0	283.0	282.0
SURFACE PRES (MB)	1000.	1000.	1000.	950.	1000.
TROP PRES (MB)	230.	187.	197.	181.	181.
TROP TEMP (K)	220.9	213.4	215.2	214.1	215.3
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	279.4	285.9	284.0	284.4	284.8
850MB-700MB	272.2	279.3	277.5	278.7	278.0
700MB-500MB	261.5	267.7	266.0	267.2	266.6
500MB-400MB	248.3	253.5	252.2	253.4	252.8
400MB-300MB	235.7	239.1	238.1	239.3	239.2
300MB-200MB	223.2	221.6	221.8	222.5	223.1
200MB-100MB	217.5	212.3	213.8	212.8	213.7
100MB-70MB	215.5	212.6	212.6	211.7	211.7
70MB-50MB	215.3	214.2	214.2	213.2	214.2
50MB-30MB	218.0	216.7	217.4	216.0	216.7
30MB-10MB	222.0	221.4	222.0	221.1	221.7
10MB-5MB	228.5	229.2	229.8	228.5	228.5
5MB-2MB	237.3	239.8	240.2	239.3	238.7
2MB-1MB	247.6	250.2	250.2	250.2	250.1
1MB-0.4MB	253.6	254.3	254.4	254.6	255.1
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	*****
HIRS/2 BAND 2	*****	*****	*****	*****	*****
HIRS/2 BAND 3	*****	*****	*****	*****	*****
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	*****	*****
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	240.70	268.34	265.00	266.97	261.92
MSU BAND 2	249.14	252.58	251.58	252.44	252.27
MSU BAND 3	226.55	225.36	225.53	225.59	226.08
MSU BAND 4	215.97	214.13	214.66	213.70	214.17
SSU BAND 1	224.72	224.78	225.22	224.28	224.64
SSU BAND 2	232.42	233.38	233.81	232.95	232.84
SSU BAND 3	240.64	241.89	242.14	241.64	241.75

TABLE 1. CONTINUED

OCT. 17 TO OCT. 17

DAY: HOUR: MIN	17: 0:28	17: 0:28	17: 9:48	17: 9:48	17: 9:48
MONTH	10	10	10	10	10
SATELLITE NO	6	6	9	9	9
LATITUDE (DEG N)	45.85	46.15	43.16	42.83	44.39
LONGITUDE (DEG W)	93.65	90.36	88.68	91.06	93.39
SOLAR ZENITH (DEG)	*****	*****	90.00	90.00	90.00
BOX SIZE LxW (KM)	309x293	309x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	345.	374.	274.	295.	315.
SURFACE TEMP (K)	280.0	276.0	*****	287.0	275.0
SURFACE PRES (MB)	950.	950.	1000.	1000.	950.
TROP PRES (MB)	187.	197.	192.	192.	187.
TROP TEMP (K)	215.8	215.9	215.1	216.0	214.8
OZONE (DOBSON)	****	****	290.	****	289.
CLOUD COVER (%)	***	***	71.	***	23.
CLOUD ALT (MB)	*****	*****	700.0	*****	700.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	15.0	*****	12.0
700MB-500MB	*****	*****	4.0	*****	4.0
500MB-300MB	*****	*****	1.0	*****	1.0
TEMPERATURE (K)					
SURFACE-850MB	282.0	281.4	*****	283.0	282.9
850MB-700MB	276.3	275.9	*****	276.4	278.4
700MB-500MB	265.3	264.7	*****	265.0	266.7
500MB-400MB	251.9	251.2	*****	251.2	252.6
400MB-300MB	238.3	237.4	*****	237.9	238.7
300MB-200MB	222.7	221.9	*****	222.5	222.5
200MB-100MB	213.6	213.7	*****	213.8	212.4
100MB-70MB	210.7	212.6	213.6	211.7	211.7
70MB-50MB	213.2	214.2	215.3	213.2	213.2
50MB-30MB	216.0	216.7	216.0	216.7	216.0
30MB-10MB	220.8	221.7	220.8	220.8	221.1
10MB-5MB	228.6	228.7	228.6	229.1	229.4
5MB-2MB	239.3	238.3	241.4	240.9	240.5
2MB-1MB	249.0	248.4	253.8	252.6	251.0
1MB-0.4MB	252.8	253.1	258.2	257.2	255.3
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	226.16	227.83	226.17
HIRS/2 BAND 2	*****	*****	218.92	218.95	218.88
HIRS/2 BAND 3	*****	*****	218.52	219.20	218.97
HIRS/2 BAND 4	*****	*****	228.33	*****	229.83
HIRS/2 BAND 5	*****	*****	243.45	*****	245.14
HIRS/2 BAND 6	*****	*****	252.17	*****	255.13
HIRS/2 BAND 7	*****	*****	262.63	*****	264.73
HIRS/2 BAND 8	*****	*****	273.53	*****	275.03
HIRS/2 BAND 9	*****	*****	256.11	*****	257.59
HIRS/2 BAND 10	*****	*****	270.63	*****	273.25
HIRS/2 BAND 11	*****	*****	259.52	*****	262.31
HIRS/2 BAND 12	*****	*****	247.73	*****	249.27
HIRS/2 BAND 13	*****	*****	264.38	*****	266.28
HIRS/2 BAND 14	*****	*****	257.33	*****	259.22
HIRS/2 BAND 15	*****	*****	243.45	*****	245.44
HIRS/2 BAND 16	*****	*****	257.09	*****	259.67
HIRS/2 BAND 17	*****	*****	231.52	231.55	231.50
HIRS/2 BAND 18	*****	*****	272.58	*****	274.88
HIRS/2 BAND 19	*****	*****	272.55	*****	275.28
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	263.48	258.58	259.16	264.20	262.64
MSU BAND 2	251.00	250.58	250.23	250.63	250.88
MSU BAND 3	225.42	225.28	227.03	227.05	226.89
MSU BAND 4	213.53	214.30	214.55	213.77	213.20
SSU BAND 1	224.00	224.61	224.28	224.34	224.13
SSU BAND 2	232.94	232.48	233.28	233.52	233.17
SSU BAND 3	240.75	240.75	240.81	240.89	239.69

TABLE 1. CONTINUED

OCT. 17 TO OCT. 17

DAY: HOUR: MIN	17: 9:49	17:12:41	17:12:41	17:12:42	17:12:42
MONTH	10	10	10	10	10
SATELLITE NO	9	6	6	6	6
LATITUDE (DEG N)	41.16	46.52	46.87	43.89	44.23
LONGITUDE (DEG W)	88.61	87.72	91.32	88.59	92.03
SOLAR ZENITH (DEG)	90.00	*****	*****	*****	*****
BOX SIZE LxW (KM)	518x293	250x293	250x293	250x293	309x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	207.	313.	324.	269.	319.
SURFACE TEMP (K)	275.0	277.0	278.0	280.0	284.0
SURFACE PRES (MB)	1000.	950.	950.	1000.	950.
TROP PRES (MB)	197.	214.	192.	203.	176.
TROP TEMP (K)	214.3	218.2	216.3	216.5	215.0
OZONE (DOBSON)	290.	****	****	****	****
CLOUD COVER (%)	35.	***	***	***	***
CLOUD ALT (MB)	700.0	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	14.0	*****	*****	*****	*****
700MB-500MB	4.0	*****	*****	*****	*****
500MB-300MB	1.0	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	282.3	278.6	281.1	281.9	282.3
850MB-700MB	277.5	272.9	275.7	275.4	276.8
700MB-500MB	265.7	262.2	264.7	264.3	265.7
500MB-400MB	251.9	249.1	251.4	250.8	252.2
400MB-300MB	237.8	236.0	237.9	237.3	238.8
300MB-200MB	221.1	222.0	222.5	221.9	223.2
200MB-100MB	213.5	215.4	213.7	214.0	213.1
100MB-70MB	213.6	213.6	211.7	213.6	210.7
70MB-50MB	215.3	215.3	213.2	214.2	212.2
50MB-30MB	216.7	216.0	215.4	216.0	215.4
30MB-10MB	221.4	220.5	219.9	220.8	219.2
10MB-5MB	229.7	227.1	226.6	227.6	227.5
5MB-2MB	242.0	235.8	236.7	238.1	239.2
2MB-1MB	253.5	245.5	247.7	249.1	248.1
1MB-0.4MB	257.5	251.3	252.9	254.2	251.6
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	226.25	*****	*****	*****	*****
HIRS/2 BAND 2	219.08	*****	*****	*****	*****
HIRS/2 BAND 3	218.52	*****	*****	*****	*****
HIRS/2 BAND 4	228.52	*****	*****	*****	*****
HIRS/2 BAND 5	244.33	*****	*****	*****	*****
HIRS/2 BAND 6	253.41	*****	*****	*****	*****
HIRS/2 BAND 7	264.05	*****	*****	*****	*****
HIRS/2 BAND 8	274.56	*****	*****	*****	*****
HIRS/2 BAND 9	256.97	*****	*****	*****	*****
HIRS/2 BAND 10	271.73	*****	*****	*****	*****
HIRS/2 BAND 11	259.44	*****	*****	*****	*****
HIRS/2 BAND 12	247.70	*****	*****	*****	*****
HIRS/2 BAND 13	265.22	*****	*****	*****	*****
HIRS/2 BAND 14	258.16	*****	*****	*****	*****
HIRS/2 BAND 15	244.38	*****	*****	*****	*****
HIRS/2 BAND 16	257.69	*****	*****	*****	*****
HIRS/2 BAND 17	231.55	*****	*****	*****	*****
HIRS/2 BAND 18	272.77	*****	*****	*****	*****
HIRS/2 BAND 19	272.95	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	262.06	243.95	255.44	255.36	263.70
MSU BAND 2	250.56	248.98	250.52	250.31	251.27
MSU BAND 3	226.89	225.39	225.28	225.30	225.45
MSU BAND 4	214.72	214.81	213.50	214.38	213.05
SSU BAND 1	224.88	223.22	223.08	223.80	222.78
SSU BAND 2	233.88	231.33	231.19	232.23	232.42
SSU BAND 3	240.89	238.56	239.63	240.91	239.78

TABLE 1. CONTINUED

OCT. 17 TO OCT. 17

DAY:HOURL:MIN	17:12:42	17:12:42	17:12:42	17:19:34	17:19:35
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	9	9
LATITUDE (DEG N)	40.93	41.27	41.59	40.00	41.00
LONGITUDE (DEG W)	86.65	89.39	92.69	87.89	90.12
SOLAR ZENITH (DEG)	*****	*****	*****	56.50	56.40
BOX SIZE LxW (KM)	309x293	309x293	309x293	309x293	309x293
RELATIVE REFLECTANCE	*****	*****	*****	0.09	0.10
SURFACE ALT (M)	227.	207.	271.	199.	203.
SURFACE TEMP (K)	283.0	283.0	288.0	290.0	287.0
SURFACE PRES (MB)	1000.	1000.	1000.	1000.	1000.
TROP PRES (MB)	203.	192.	170.	197.	165.
TROP TEMP (K)	216.3	216.0	213.6	218.5	213.6
OZONE (DOBSON)	****	****	****	298.	282.
CLOUD COVER (%)	***	***	***	2.	41.
CLOUD ALT (MB)	*****	*****	*****	850.0	850.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	14.0	14.0
700MB-500MB	*****	*****	*****	3.0	3.0
500MB-300MB	*****	*****	*****	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	282.1	283.0	284.8	284.6	283.6
850MB-700MB	275.4	276.3	278.4	276.3	277.0
700MB-500MB	264.3	265.2	266.8	265.1	266.2
500MB-400MB	250.5	251.6	253.2	251.4	252.8
400MB-300MB	237.0	238.0	239.5	238.0	238.7
300MB-200MB	221.7	222.4	223.0	223.8	222.7
200MB-100MB	214.8	213.7	212.3	214.6	212.0
100MB-70MB	213.6	212.6	209.8	210.7	210.7
70MB-50MB	215.3	213.2	212.2	213.2	213.2
50MB-30MB	216.7	216.7	215.4	216.7	216.7
30MB-10MB	221.7	220.5	220.5	221.4	221.1
10MB-5MB	229.0	228.5	227.6	229.0	229.4
5MB-2MB	238.3	239.4	238.3	239.6	243.0
2MB-1MB	247.9	249.6	248.9	252.2	255.7
1MB-0.4MB	252.7	253.8	253.2	258.0	259.2
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	231.03	225.94
HIRS/2 BAND 2	*****	*****	*****	218.77	219.03
HIRS/2 BAND 3	*****	*****	*****	222.27	219.44
HIRS/2 BAND 4	*****	*****	*****	230.27	228.42
HIRS/2 BAND 5	*****	*****	*****	244.66	245.13
HIRS/2 BAND 6	*****	*****	*****	257.11	256.28
HIRS/2 BAND 7	*****	*****	*****	269.56	269.55
HIRS/2 BAND 8	*****	*****	*****	289.63	287.09
HIRS/2 BAND 9	*****	*****	*****	268.06	267.27
HIRS/2 BAND 10	*****	*****	*****	285.00	283.19
HIRS/2 BAND 11	*****	*****	*****	261.25	263.47
HIRS/2 BAND 12	*****	*****	*****	248.75	250.69
HIRS/2 BAND 13	*****	*****	*****	273.58	272.69
HIRS/2 BAND 14	*****	*****	*****	263.17	262.58
HIRS/2 BAND 15	*****	*****	*****	246.31	246.11
HIRS/2 BAND 16	*****	*****	*****	259.77	258.47
HIRS/2 BAND 17	*****	*****	*****	236.42	236.28
HIRS/2 BAND 18	*****	*****	*****	294.75	292.94
HIRS/2 BAND 19	*****	*****	*****	296.92	294.80
HIRS/2 BAND 20	*****	*****	*****	2019.31	2019.75
MSU BAND 1	262.59	264.55	264.55	268.84	266.69
MSU BAND 2	250.39	250.97	252.11	251.33	251.55
MSU BAND 3	225.48	225.48	225.39	227.34	227.08
MSU BAND 4	215.06	214.00	212.86	213.97	213.14
SSU BAND 1	224.45	224.03	223.58	224.84	224.70
SSU BAND 2	233.06	233.11	232.06	233.83	233.94
SSU BAND 3	240.45	241.25	240.42	241.48	242.06

TABLE 1. CONTINUED

OCT. 17 TO OCT. 18

DAY: HOUR: MIN	17:19:35	17:19:36	17:19:36	17:19:36	18: 0: 3
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	6
LATITUDE (DEG N)	43.59	44.23	45.63	46.08	40.41
LONGITUDE (DEG W)	86.46	90.23	89.53	87.82	92.35
SOLAR ZENITH (DEG)	60.12	59.15	60.63	61.66	*****
BOX SIZE LxW (KM)	309x293	309x293	309x293	309x293	309x293
RELATIVE REFLECTANCE	0.07	0.08	0.05	0.04	*****
SURFACE ALT (M)	177.	317.	438.	324.	252.
SURFACE TEMP (K)	284.0	281.0	281.0	282.0	289.0
SURFACE PRES (MB)	1000.	950.	950.	950.	1000.
TROP PRES (MB)	187.	127.	176.	192.	176.
TROP TEMP (K)	217.6	210.5	213.1	215.4	213.9
OZONE (DOBSON)	302.	285.	282.	298.	****
CLOUD COVER (%)	40.	32.	48.	17.	***
CLOUD ALT (MB)	767.5	850.0	734.4	850.0	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	13.0	10.0	8.0	9.0	*****
700MB-500MB	3.0	3.0	2.0	3.0	*****
500MB-300MB	1.0	1.0	1.0	1.0	*****
TEMPERATURE (K)					
SURFACE-850MB	280.0	280.7	279.2	279.5	285.3
850MB-700MB	272.7	275.6	275.0	274.2	278.7
700MB-500MB	262.7	265.4	264.9	263.7	267.1
500MB-400MB	249.7	252.0	251.9	250.8	253.4
400MB-300MB	236.9	238.3	238.2	237.5	239.4
300MB-200MB	223.5	222.8	221.6	222.1	222.9
200MB-100MB	215.0	212.9	212.3	213.5	212.5
100MB-70MB	212.6	210.7	213.6	213.6	210.7
70MB-50MB	214.2	213.2	214.2	215.3	212.2
50MB-30MB	216.7	216.7	216.0	216.7	216.0
30MB-10MB	219.9	219.9	220.5	220.5	220.8
10MB-5MB	227.5	228.1	228.7	229.2	229.7
5MB-2MB	241.1	240.6	240.6	238.7	240.9
2MB-1MB	255.3	253.2	251.6	248.7	249.1
1MB-0.4MB	260.5	258.1	256.0	253.9	251.9
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	227.98	228.61	226.47	226.31	*****
HIRS/2 BAND 2	219.56	219.56	220.41	219.38	*****
HIRS/2 BAND 3	221.06	219.72	217.58	220.11	*****
HIRS/2 BAND 4	229.41	228.86	226.72	227.89	*****
HIRS/2 BAND 5	244.17	244.38	244.42	243.89	*****
HIRS/2 BAND 6	253.83	254.61	253.41	254.47	*****
HIRS/2 BAND 7	265.56	266.56	266.14	264.56	*****
HIRS/2 BAND 8	283.48	280.84	280.75	281.92	*****
HIRS/2 BAND 9	262.09	263.05	261.41	261.11	*****
HIRS/2 BAND 10	278.41	277.97	277.03	277.14	*****
HIRS/2 BAND 11	257.48	262.16	259.83	255.72	*****
HIRS/2 BAND 12	245.09	250.73	247.05	243.20	*****
HIRS/2 BAND 13	268.75	268.61	267.63	267.83	*****
HIRS/2 BAND 14	259.42	259.95	258.92	258.91	*****
HIRS/2 BAND 15	243.94	244.97	244.30	243.66	*****
HIRS/2 BAND 16	257.94	257.41	257.27	257.34	*****
HIRS/2 BAND 17	235.50	235.63	235.13	235.06	*****
HIRS/2 BAND 18	287.16	286.55	283.75	283.30	*****
HIRS/2 BAND 19	290.42	289.17	284.77	284.39	*****
HIRS/2 BAND 20	2014.88	2016.38	2011.63	2009.63	*****
MSU BAND 1	250.94	261.92	267.30	255.95	267.08
MSU BAND 2	249.73	250.66	249.94	249.45	252.38
MSU BAND 3	227.31	226.89	226.75	226.88	225.53
MSU BAND 4	214.67	213.34	213.80	214.28	213.27
SSU BAND 1	224.08	223.80	223.73	224.00	224.27
SSU BAND 2	233.53	233.59	233.28	233.17	233.83
SSU BAND 3	241.88	241.27	239.94	238.14	240.92

TABLE 1. CONTINUED

OCT. 18 TO OCT. 18

DAY: HOUR: MIN	18: 0: 3	18: 0: 3	18: 0: 4	18: 0: 4	18: 0: 4
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	6
LATITUDE (DEG N)	40.84	41.27	43.02	43.47	43.91
LONGITUDE (DEG W)	89.65	86.40	93.25	90.45	87.05
SOLAR ZENITH (DEG)	*****	*****	*****	*****	*****
BOX SIZE LxW (KM)	309x293	309x293	309x293	309x293	309x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	199.	229.	353.	306.	150.
SURFACE TEMP (K)	286.0	282.0	284.0	282.0	280.0
SURFACE PRES (MB)	1000.	1000.	950.	1000.	1000.
TROP PRES (MB)	181.	192.	176.	187.	197.
TROP TEMP (K)	215.5	217.5	214.5	215.7	216.9
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	283.6	281.9	283.2	283.2	282.1
850MB-700MB	277.0	275.2	277.7	276.6	275.4
700MB-500MB	265.7	264.2	266.3	265.5	264.5
500MB-400MB	252.3	251.1	252.8	252.0	250.9
400MB-300MB	238.7	237.8	239.1	238.5	237.8
300MB-200MB	223.0	223.4	223.0	222.8	222.6
200MB-100MB	213.7	214.4	212.8	213.3	214.2
100MB-70MB	210.7	212.6	210.7	211.7	212.6
70MB-50MB	213.2	213.2	213.2	213.2	214.2
50MB-30MB	216.0	216.7	215.4	215.4	216.0
30MB-10MB	220.5	221.1	220.2	219.9	220.5
10MB-5MB	228.3	228.4	228.4	228.1	227.3
5MB-2MB	239.8	238.2	239.9	240.5	239.0
2MB-1MB	250.8	248.2	248.9	250.7	251.9
1MB-0.4MB	255.0	252.9	252.2	254.2	257.1
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	*****
HIRS/2 BAND 2	*****	*****	*****	*****	*****
HIRS/2 BAND 3	*****	*****	*****	*****	*****
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	*****	*****
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	266.05	258.98	265.98	264.41	240.72
MSU BAND 2	251.45	250.56	251.77	251.16	250.52
MSU BAND 3	225.64	225.88	225.50	225.45	225.53
MSU BAND 4	213.56	214.08	213.22	213.45	214.03
SSU BAND 1	223.95	224.11	223.50	223.31	223.88
SSU BAND 2	233.19	232.63	233.05	233.42	232.56
SSU BAND 3	241.89	240.38	240.52	241.59	242.61

TABLE 1. CONTINUED

OCT. 18 TO OCT. 18

DAY: HOUR: MIN	18: 0: 4	18: 0: 4	18: 9: 36	18: 9: 38	18: 9: 38
MONTH	10	10	10	10	10
SATELLITE NO	6	6	9	9	9
LATITUDE (DEG N)	46.10	46.55	46.98	42.47	42.04
LONGITUDE (DEG W)	91.30	87.76	89.92	86.75	88.67
SOLAR ZENITH (DEG)	*****	*****	90.00	90.00	90.00
BOX SIZE LxW (KM)	309x293	309x293	250x293	250x293	250x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	335.	327.	269.	147.	238.
SURFACE TEMP (K)	278.0	272.0	280.0	284.0	*****
SURFACE PRES (MB)	950.	950.	1000.	1000.	1000.
TROP PRES (MB)	192.	203.	197.	197.	203.
TROP TEMP (K)	215.4	216.8	212.7	215.7	216.3
OZONE (DOBSON)	****	****	290.	288.	297.
CLOUD COVER (%)	***	***	66.	60.	3.
CLOUD ALT (MB)	*****	*****	700.0	727.5	700.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	14.0	13.0	14.0
700MB-500MB	*****	*****	3.0	3.0	4.0
500MB-300MB	*****	*****	1.0	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	281.7	280.1	281.7	281.3	*****
850MB-700MB	276.1	274.9	276.3	274.7	*****
700MB-500MB	265.1	263.9	265.8	264.4	*****
500MB-400MB	251.6	250.3	251.9	251.1	*****
400MB-300MB	238.0	237.0	237.4	237.4	*****
300MB-200MB	221.9	222.0	220.1	221.9	*****
200MB-100MB	213.0	214.5	211.7	213.7	*****
100MB-70MB	212.6	212.6	212.6	211.7	210.7
70MB-50MB	212.2	214.2	214.2	214.2	214.2
50MB-30MB	216.0	215.4	216.7	216.0	216.0
30MB-10MB	219.6	219.9	219.6	220.5	220.8
10MB-5MB	227.3	227.0	226.7	227.3	228.2
5MB-2MB	238.4	236.5	236.8	238.0	237.9
2MB-1MB	248.4	245.9	247.7	250.1	249.0
1MB-0.4MB	252.7	250.9	253.5	256.0	254.7
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	224.17	227.61	227.50
HIRS/2 BAND 2	*****	*****	218.52	217.94	218.38
HIRS/2 BAND 3	*****	*****	219.25	219.11	220.06
HIRS/2 BAND 4	*****	*****	229.23	228.88	228.55
HIRS/2 BAND 5	*****	*****	244.73	243.81	243.47
HIRS/2 BAND 6	*****	*****	255.38	254.95	253.61
HIRS/2 BAND 7	*****	*****	265.31	266.47	263.09
HIRS/2 BAND 8	*****	*****	280.02	283.98	272.34
HIRS/2 BAND 9	*****	*****	260.73	263.56	255.34
HIRS/2 BAND 10	*****	*****	277.11	280.23	270.75
HIRS/2 BAND 11	*****	*****	260.03	261.28	259.09
HIRS/2 BAND 12	*****	*****	243.36	248.05	244.94
HIRS/2 BAND 13	*****	*****	268.34	270.03	264.31
HIRS/2 BAND 14	*****	*****	260.09	260.52	257.59
HIRS/2 BAND 15	*****	*****	245.23	244.22	243.98
HIRS/2 BAND 16	*****	*****	260.52	259.95	257.67
HIRS/2 BAND 17	*****	*****	229.59	230.58	230.59
HIRS/2 BAND 18	*****	*****	279.95	285.92	272.16
HIRS/2 BAND 19	*****	*****	280.41	285.56	272.53
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	253.58	245.02	247.30	244.55	260.33
MSU BAND 2	250.66	249.94	249.88	250.05	250.11
MSU BAND 3	225.03	225.22	226.02	226.61	226.72
MSU BAND 4	213.50	214.17	213.77	213.92	213.52
SSU BAND 1	223.14	222.84	222.80	223.59	223.83
SSU BAND 2	232.09	231.45	230.83	231.61	232.09
SSU BAND 3	240.14	238.53	236.83	239.28	238.77

TABLE 1. CONTINUED

OCT. 18 TO OCT. 18

DAY: HOUR: MIN	18: 9:38	18:12:17	18:12:18	18:12:18	18:13:57
MONTH	10	10	10	10	10
SATELLITE NO	9	6	6	6	6
LATITUDE (DEG N)	40.40	46.50	40.88	41.11	45.87
LONGITUDE (DEG W)	90.47	91.05	86.78	89.82	92.20
SOLAR ZENITH (DEG)	90.00	*****	*****	*****	*****
BOX SIZE LxW (KM)	250x293	518x293	518x293	518x293	309x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	190.	317.	221.	207.	347.
SURFACE TEMP (K)	*****	277.0	283.0	283.0	278.0
SURFACE PRES (MB)	1000.	950.	1000.	1000.	950.
TROP PRES (MB)	187.	192.	187.	176.	187.
TROP TEMP (K)	215.3	213.5	216.0	214.6	213.4
OZONE (DOBSON)	292.	****	****	****	****
CLOUD COVER (%)	2.	***	***	***	***
CLOUD ALT (MB)	700.0	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	15.0	*****	*****	*****	*****
700MB-500MB	4.0	*****	*****	*****	*****
500MB-300MB	1.0	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	*****	282.9	282.3	283.0	282.9
850MB-700MB	*****	277.5	275.9	276.8	277.5
700MB-500MB	*****	266.0	265.0	265.5	266.1
500MB-400MB	*****	252.3	251.6	252.2	252.5
400MB-300MB	*****	238.0	238.1	238.6	238.2
300MB-200MB	*****	220.9	222.8	222.8	221.3
200MB-100MB	*****	212.3	213.8	212.7	211.5
100MB-70MB	211.7	210.7	211.7	210.7	210.7
70MB-50MB	213.2	213.2	212.2	212.2	212.2
50MB-30MB	216.7	214.7	215.4	214.7	214.0
30MB-10MB	220.8	218.6	219.6	218.9	218.9
10MB-5MB	228.9	225.9	226.4	227.0	226.2
5MB-2MB	239.8	236.1	237.4	238.7	236.4
2MB-1MB	250.9	244.6	248.4	247.6	244.7
1MB-0.4MB	255.8	249.0	253.4	251.1	248.7
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	227.64	*****	*****	*****	*****
HIRS/2 BAND 2	219.33	*****	*****	*****	*****
HIRS/2 BAND 3	219.23	*****	*****	*****	*****
HIRS/2 BAND 4	228.91	*****	*****	*****	*****
HIRS/2 BAND 5	244.16	*****	*****	*****	*****
HIRS/2 BAND 6	254.84	*****	*****	*****	*****
HIRS/2 BAND 7	264.47	*****	*****	*****	*****
HIRS/2 BAND 8	275.17	*****	*****	*****	*****
HIRS/2 BAND 9	257.25	*****	*****	*****	*****
HIRS/2 BAND 10	273.52	*****	*****	*****	*****
HIRS/2 BAND 11	262.55	*****	*****	*****	*****
HIRS/2 BAND 12	249.95	*****	*****	*****	*****
HIRS/2 BAND 13	266.27	*****	*****	*****	*****
HIRS/2 BAND 14	259.13	*****	*****	*****	*****
HIRS/2 BAND 15	244.81	*****	*****	*****	*****
HIRS/2 BAND 16	259.41	*****	*****	*****	*****
HIRS/2 BAND 17	230.97	*****	*****	*****	*****
HIRS/2 BAND 18	274.84	*****	*****	*****	*****
HIRS/2 BAND 19	275.28	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	263.77	247.58	260.44	261.27	254.31
MSU BAND 2	250.69	251.06	250.72	251.02	251.05
MSU BAND 3	226.88	224.47	225.39	225.14	224.39
MSU BAND 4	213.23	213.25	213.44	212.84	212.67
SSU BAND 1	224.16	221.92	222.78	222.45	222.23
SSU BAND 2	233.02	230.39	231.50	231.91	230.41
SSU BAND 3	240.03	237.28	239.98	239.33	237.38

TABLE 1. CONTINUED

OCT. 18 TO OCT. 18

DAY: HOUR: MIN	18:13:58	18:19:24	18:19:24	18:21: 5	18:21: 5
MONTH	10	10	10	10	10
SATELLITE NO	6	9	9	9	9
LATITUDE (DEG N)	43.41	40.79	43.48	40.28	40.26
LONGITUDE (DEG W)	93.70	88.25	88.82	92.75	88.66
SOLAR ZENITH (DEG)	*****	56.22	58.35	66.54	69.04
BOX SIZE LxW (KM)	309x293	518x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	*****	0.10	0.13	0.12	0.21
SURFACE ALT (M)	367.	202.	260.	261.	201.
SURFACE TEMP (K)	286.0	290.0	285.0	290.0	289.0
SURFACE PRES (MB)	950.	1000.	1000.	1000.	1000.
TROP PRES (MB)	149.	203.	192.	187.	192.
TROP TEMP (K)	211.1	217.4	213.3	213.0	213.8
OZONE (DOBSON)	****	276.	272.	281.	280.
CLOUD COVER (%)	***	4.	26.	3.	4.
CLOUD ALT (MB)	*****	850.0	850.0	850.0	850.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	11.0	11.0	14.0	11.0
700MB-500MB	*****	2.0	2.0	3.0	2.0
500MB-300MB	*****	1.0	1.0	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	283.8	283.2	282.5	285.1	281.9
850MB-700MB	278.4	275.9	277.0	278.2	275.7
700MB-500MB	267.0	264.6	265.9	266.4	265.7
500MB-400MB	253.5	250.6	251.7	252.8	252.0
400MB-300MB	239.7	236.9	237.6	238.6	237.9
300MB-200MB	223.1	222.3	220.5	221.3	221.3
200MB-100MB	211.1	213.9	212.0	211.6	211.9
100MB-70MB	208.8	212.6	212.6	212.6	211.7
70MB-50MB	210.2	213.2	213.2	214.2	214.2
50MB-30MB	214.7	216.7	216.0	216.7	216.0
30MB-10MB	218.9	220.8	220.2	221.7	220.8
10MB-5MB	226.5	228.9	228.6	230.0	229.0
5MB-2MB	238.0	239.6	239.8	242.4	242.4
2MB-1MB	248.1	250.1	249.3	253.1	253.7
1MB-0.4MB	252.0	254.8	253.5	256.4	256.8
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	225.72	223.08	224.58	220.83
HIRS/2 BAND 2	*****	218.94	218.23	220.05	218.95
HIRS/2 BAND 3	*****	217.75	216.34	217.56	218.63
HIRS/2 BAND 4	*****	228.41	227.13	227.13	228.42
HIRS/2 BAND 5	*****	244.13	244.64	245.55	245.38
HIRS/2 BAND 6	*****	256.14	254.72	255.38	257.09
HIRS/2 BAND 7	*****	271.41	269.36	269.81	270.70
HIRS/2 BAND 8	*****	289.61	284.81	289.86	289.19
HIRS/2 BAND 9	*****	268.47	264.89	267.28	268.20
HIRS/2 BAND 10	*****	285.64	281.19	283.59	285.61
HIRS/2 BAND 11	*****	264.55	263.14	259.44	263.38
HIRS/2 BAND 12	*****	249.89	247.28	248.89	248.19
HIRS/2 BAND 13	*****	274.09	271.41	273.77	273.75
HIRS/2 BAND 14	*****	263.23	261.69	263.50	263.28
HIRS/2 BAND 15	*****	245.95	245.67	245.98	245.77
HIRS/2 BAND 16	*****	257.92	257.61	261.61	258.59
HIRS/2 BAND 17	*****	235.34	234.39	235.02	234.66
HIRS/2 BAND 18	*****	296.70	291.25	293.33	295.48
HIRS/2 BAND 19	*****	298.52	293.81	293.92	297.83
HIRS/2 BAND 20	*****	2020.44	2022.13	2018.69	2023.00
MSU BAND 1	261.16	268.17	256.19	271.75	268.89
MSU BAND 2	251.89	250.41	250.64	251.33	250.83
MSU BAND 3	224.91	226.98	226.39	226.63	226.50
MSU BAND 4	211.67	213.61	213.25	213.53	213.38
SSU BAND 1	222.61	223.89	223.28	224.66	223.98
SSU BAND 2	231.25	232.44	231.67	233.45	232.88
SSU BAND 3	239.48	239.00	237.89	240.59	239.39

TABLE 1. CONTINUED

OCT. 18 TO OCT. 18

DAY: HOUR: MIN	18:21: 6	18:23:39	18:23:39	18:23:39	18:23:40
MONTH	10	10	10	10	10
SATELLITE NO	9	6	6	6	6
LATITUDE (DEG N)	46.13	42.38	43.17	43.72	45.75
LONGITUDE (DEG W)	90.57	93.94	90.31	87.43	91.43
SOLAR ZENITH (DEG)	71.57	*****	*****	*****	*****
BOX SIZE LxW (KM)	518x293	518x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	0.12	*****	*****	*****	*****
SURFACE ALT (M)	365.	352.	291.	151.	354.
SURFACE TEMP (K)	283.0	290.0	282.0	280.0	279.0
SURFACE PRES (MB)	950.	950.	1000.	1000.	950.
TROP PRES (MB)	197.	181.	192.	197.	192.
TROP TEMP (K)	211.8	214.0	213.5	213.2	213.2
OZONE (DOBSON)	265.	****	****	****	****
CLOUD COVER (%)	4.	***	***	***	***
CLOUD ALT (MB)	850.0	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	9.0	*****	*****	*****	*****
700MB-500MB	2.0	*****	*****	*****	*****
500MB-300MB	1.0	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	283.2	283.2	283.8	283.6	282.9
850MB-700MB	278.6	277.5	277.5	277.3	277.3
700MB-500MB	267.1	266.3	266.2	265.9	266.1
500MB-400MB	252.6	252.6	252.2	252.0	252.0
400MB-300MB	238.1	238.6	238.0	237.5	237.9
300MB-200MB	219.3	222.1	220.8	220.2	220.5
200MB-100MB	210.8	212.6	212.4	212.3	212.2
100MB-70MB	212.6	210.7	211.7	212.6	211.7
70MB-50MB	213.2	212.2	213.2	213.2	213.2
50MB-30MB	216.0	215.4	214.7	216.0	215.4
30MB-10MB	220.2	218.9	219.2	219.6	218.9
10MB-5MB	228.8	226.6	227.1	228.2	226.3
5MB-2MB	238.1	238.0	238.0	237.8	236.1
2MB-1MB	245.6	247.9	246.1	244.2	244.2
1MB-0.4MB	250.4	252.0	249.7	247.5	248.6
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	225.83	*****	*****	*****	*****
HIRS/2 BAND 2	219.06	*****	*****	*****	*****
HIRS/2 BAND 3	215.34	*****	*****	*****	*****
HIRS/2 BAND 4	226.52	*****	*****	*****	*****
HIRS/2 BAND 5	244.41	*****	*****	*****	*****
HIRS/2 BAND 6	254.91	*****	*****	*****	*****
HIRS/2 BAND 7	269.33	*****	*****	*****	*****
HIRS/2 BAND 8	283.22	*****	*****	*****	*****
HIRS/2 BAND 9	264.50	*****	*****	*****	*****
HIRS/2 BAND 10	280.78	*****	*****	*****	*****
HIRS/2 BAND 11	263.78	*****	*****	*****	*****
HIRS/2 BAND 12	247.86	*****	*****	*****	*****
HIRS/2 BAND 13	270.78	*****	*****	*****	*****
HIRS/2 BAND 14	261.78	*****	*****	*****	*****
HIRS/2 BAND 15	245.53	*****	*****	*****	*****
HIRS/2 BAND 16	258.42	*****	*****	*****	*****
HIRS/2 BAND 17	233.23	*****	*****	*****	*****
HIRS/2 BAND 18	287.72	*****	*****	*****	*****
HIRS/2 BAND 19	288.50	*****	*****	*****	*****
HIRS/2 BAND 20	2016.56	*****	*****	*****	*****
MSU BAND 1	255.19	267.69	265.94	235.55	263.70
MSU BAND 2	250.72	251.45	251.14	250.91	251.00
MSU BAND 3	225.81	224.98	224.55	224.38	224.42
MSU BAND 4	212.95	213.03	213.47	213.89	213.53
SSU BAND 1	222.92	222.56	222.42	223.00	222.22
SSU BAND 2	231.47	231.58	231.69	232.02	230.59
SSU BAND 3	237.06	239.53	238.44	237.48	237.20

TABLE 1. CONTINUED

OCT. 18 TO OCT. 19

DAY: HOUR: MIN	18: 23: 40	19: 9: 27	19: 9: 27	19: 9: 27	19: 9: 28
MONTH	10	10	10	10	10
SATELLITE NO	6	9	9	9	9
LATITUDE (DEG N)	46.32	42.85	41.55	41.41	40.87
LONGITUDE (DEG W)	88.42	88.86	87.99	92.41	91.24
SOLAR ZENITH (DEG)	*****	90.00	90.00	90.00	90.00
BOX SIZE LxW (KM)	518x293	250x293	250x293	250x293	309x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	385.	269.	200.	253.	203.
SURFACE TEMP (K)	273.0	283.0	285.0	278.0	278.0
SURFACE PRES (MB)	950.	1000.	1000.	1000.	1000.
TROP PRES (MB)	197.	197.	197.	197.	192.
TROP TEMP (K)	212.7	212.8	213.1	214.4	214.0
OZONE (DOBSON)	****	****	****	293.	287.
CLOUD COVER (%)	***	***	***	28.	4.
CLOUD ALT (MB)	*****	*****	*****	700.0	700.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	13.0	14.0
700MB-500MB	*****	*****	*****	4.0	4.0
500MB-300MB	*****	*****	*****	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	282.9	281.3	282.5	284.0	282.1
850MB-700MB	277.8	276.1	276.8	278.2	276.4
700MB-500MB	266.2	265.0	265.3	265.4	265.3
500MB-400MB	252.2	251.1	251.6	251.1	251.6
400MB-300MB	237.6	237.2	237.4	237.3	237.8
300MB-200MB	219.9	220.0	220.3	221.1	221.4
200MB-100MB	211.9	212.2	212.6	212.5	212.5
100MB-70MB	212.6	212.6	212.6	212.6	212.6
70MB-50MB	213.2	214.2	214.2	213.2	213.2
50MB-30MB	215.4	215.4	215.4	216.0	216.0
30MB-10MB	218.6	218.9	219.2	219.6	219.2
10MB-5MB	226.1	227.5	227.1	226.6	228.3
5MB-2MB	235.6	238.2	238.8	238.7	239.8
2MB-1MB	243.1	247.7	250.1	251.0	249.6
1MB-0.4MB	247.5	252.6	255.3	256.2	253.9
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	223.98	225.89	224.22	223.86
HIRS/2 BAND 2	*****	217.39	217.73	219.52	217.00
HIRS/2 BAND 3	*****	217.70	217.58	219.19	218.14
HIRS/2 BAND 4	*****	*****	*****	228.13	229.16
HIRS/2 BAND 5	*****	*****	*****	244.66	243.75
HIRS/2 BAND 6	*****	*****	*****	254.36	254.13
HIRS/2 BAND 7	*****	*****	*****	266.03	264.81
HIRS/2 BAND 8	*****	*****	*****	278.06	278.06
HIRS/2 BAND 9	*****	*****	*****	258.86	259.02
HIRS/2 BAND 10	*****	*****	*****	275.50	275.44
HIRS/2 BAND 11	*****	*****	*****	259.27	259.94
HIRS/2 BAND 12	*****	*****	*****	248.83	246.22
HIRS/2 BAND 13	*****	*****	*****	267.67	267.13
HIRS/2 BAND 14	*****	*****	*****	259.77	259.30
HIRS/2 BAND 15	*****	*****	*****	244.55	244.48
HIRS/2 BAND 16	*****	*****	*****	260.05	259.72
HIRS/2 BAND 17	*****	229.13	229.39	229.52	229.64
HIRS/2 BAND 18	*****	*****	*****	277.11	275.75
HIRS/2 BAND 19	*****	*****	*****	277.77	276.06
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	245.80	255.22	259.19	266.08	265.69
MSU BAND 2	251.03	249.92	250.28	250.33	250.28
MSU BAND 3	224.22	225.86	226.11	226.14	226.27
MSU BAND 4	213.78	213.38	213.66	213.36	213.34
SSU BAND 1	221.83	222.63	222.97	222.91	223.16
SSU BAND 2	230.36	231.20	231.47	231.70	231.94
SSU BAND 3	236.41	237.00	238.81	238.56	238.06

TABLE 1. CONTINUED

OCT. 19 TO OCT. 19

DAY: HOUR: MIN	19:13:33	19:13:33	19:13:33	19:13:33	19:13:34
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	6
LATITUDE (DEG N)	45.20	46.11	42.73	43.59	40.23
LONGITUDE (DEG W)	86.53	90.37	87.98	91.69	89.32
SOLAR ZENITH (DEG)	*****	*****	*****	*****	*****
BOX SIZE LxW (KM)	250x293	250x293	250x293	250x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	203.	374.	210.	325.	198.
SURFACE TEMP (K)	277.0	277.0	282.0	284.0	287.0
SURFACE PRES (MB)	1000.	950.	1000.	950.	1000.
TROP PRES (MB)	197.	192.	187.	187.	170.
TROP TEMP (K)	213.0	214.0	213.5	213.3	213.5
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	282.5	281.4	283.2	282.3	283.0
850MB-700MB	276.8	276.3	277.0	276.8	276.8
700MB-500MB	265.3	265.1	265.7	265.6	265.6
500MB-400MB	251.6	251.6	252.2	252.0	252.3
400MB-300MB	237.2	237.5	237.9	237.8	238.5
300MB-200MB	219.8	220.9	221.2	220.9	222.4
200MB-100MB	212.0	212.3	211.8	212.0	211.9
100MB-70MB	211.7	210.7	211.7	209.8	208.8
70MB-50MB	213.2	211.2	212.2	212.2	211.2
50MB-30MB	214.0	214.0	214.0	214.0	215.4
30MB-10MB	217.4	217.1	218.0	218.3	219.2
10MB-5MB	223.8	223.4	224.3	225.5	226.1
5MB-2MB	235.2	233.6	235.5	235.6	235.9
2MB-1MB	245.5	242.0	246.8	242.9	246.4
1MB-0.4MB	250.7	247.1	252.2	246.8	251.3
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	*****
HIRS/2 BAND 2	*****	*****	*****	*****	*****
HIRS/2 BAND 3	*****	*****	*****	*****	*****
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	*****	*****
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	237.84	255.72	248.67	264.27	264.66
MSU BAND 2	250.20	250.17	250.73	250.56	250.78
MSU BAND 3	223.83	224.16	224.36	224.17	224.66
MSU BAND 4	213.16	212.70	212.83	212.69	212.20
SSU BAND 1	220.77	220.28	221.42	221.59	222.91
SSU BAND 2	229.36	228.30	229.73	229.73	230.38
SSU BAND 3	237.47	235.05	238.45	236.03	238.52

TABLE 1. CONTINUED

OCT. 19 TO OCT. 19

DAY: HOUR: MIN	19:13:34	19:19:14	19:19:14	19:20:55	19:20:55
MONTH	10	10	10	10	10
SATELLITE NO	6	9	9	9	9
LATITUDE (DEG N)	41.05	43.53	46.41	41.88	42.20
LONGITUDE (DEG W)	92.90	86.09	86.07	93.27	90.46
SOLAR ZENITH (DEG)	*****	58.75	61.30	66.04	67.85
BOX SIZE LxW (KM)	518x293	250x293	250x293	518x293	518x293
RELATIVE REFLECTANCE	*****	0.10	0.06	0.14	0.14
SURFACE ALT (M)	272.	211.	194.	292.	258.
SURFACE TEMP (K)	286.0	287.0	288.0	294.0	290.0
SURFACE PRES (MB)	1000.	1000.	1000.	1000.	1000.
TROP PRES (MB)	187.	197.	197.	197.	208.
TROP TEMP (K)	214.3	213.9	213.1	214.5	215.8
OZONE (DOBSON)	****	281.	275.	293.	291.
CLOUD COVER (%)	***	43.	80.	18.	0.
CLOUD ALT (MB)	*****	850.0	850.0	850.0	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	11.0	12.0	14.0	14.0
700MB-500MB	*****	2.0	3.0	4.0	3.0
500MB-300MB	*****	1.0	1.0	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	282.7	283.6	283.6	287.6	286.1
850MB-700MB	276.4	277.0	276.6	278.9	277.8
700MB-500MB	265.3	265.7	265.1	265.9	265.0
500MB-400MB	251.9	251.4	250.9	251.6	250.8
400MB-300MB	238.0	237.3	236.7	237.6	236.7
300MB-200MB	221.6	220.4	219.8	221.1	221.0
200MB-100MB	212.5	212.1	211.8	212.9	213.7
100MB-70MB	210.7	211.7	212.6	211.7	211.7
70MB-50MB	212.2	212.2	214.2	213.2	212.2
50MB-30MB	214.7	216.0	215.4	215.4	216.0
30MB-10MB	218.6	218.3	218.6	218.0	218.0
10MB-5MB	225.2	226.2	225.8	225.7	225.3
5MB-2MB	236.3	236.0	237.0	236.9	236.5
2MB-1MB	247.4	246.5	248.0	249.5	249.8
1MB-0.4MB	252.5	253.0	253.5	256.6	256.9
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	228.77	222.59	233.83	232.42
HIRS/2 BAND 2	*****	217.89	218.45	218.20	217.72
HIRS/2 BAND 3	*****	218.19	217.30	218.70	219.64
HIRS/2 BAND 4	*****	227.42	226.98	227.77	228.61
HIRS/2 BAND 5	*****	243.80	244.27	245.19	243.70
HIRS/2 BAND 6	*****	255.75	255.88	255.66	256.05
HIRS/2 BAND 7	*****	269.44	269.36	269.77	269.00
HIRS/2 BAND 8	*****	286.77	287.75	293.59	289.53
HIRS/2 BAND 9	*****	265.78	266.95	267.72	266.69
HIRS/2 BAND 10	*****	282.91	283.42	285.22	284.53
HIRS/2 BAND 11	*****	262.78	260.69	255.33	260.20
HIRS/2 BAND 12	*****	244.16	247.28	238.41	244.20
HIRS/2 BAND 13	*****	272.27	272.86	275.50	273.97
HIRS/2 BAND 14	*****	262.08	262.61	264.48	263.48
HIRS/2 BAND 15	*****	245.41	245.55	245.97	245.22
HIRS/2 BAND 16	*****	257.75	259.19	263.86	261.25
HIRS/2 BAND 17	*****	233.63	232.78	234.34	234.09
HIRS/2 BAND 18	*****	291.86	291.22	296.38	293.42
HIRS/2 BAND 19	*****	293.58	291.53	297.70	294.09
HIRS/2 BAND 20	*****	2019.88	2014.13	2020.44	2019.88
MSU BAND 1	267.92	244.47	256.23	273.78	270.73
MSU BAND 2	250.56	250.63	249.64	251.16	250.50
MSU BAND 3	224.56	226.03	225.98	226.36	226.13
MSU BAND 4	212.84	212.92	213.30	213.25	213.36
SSU BAND 1	221.95	222.16	221.88	222.52	222.53
SSU BAND 2	230.34	230.84	230.34	231.91	231.47
SSU BAND 3	238.97	237.69	236.41	240.70	240.27

TABLE 1. CONTINUED

OCT. 19 TO OCT. 19

DAY: HOUR: MIN	19:20:55	19:20:55	19:20:55	19:20:56	19:20:56
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	42.37	45.11	45.28	47.34	47.41
LONGITUDE (DEG W)	88.64	91.75	89.96	92.32	86.11
SOLAR ZENITH (DEG)	69.02	69.10	70.17	70.34	73.65
BOX SIZE LxW (KM)	518x293	518x293	518x293	309x293	309x293
RELATIVE REFLECTANCE	0.17	0.13	0.12	0.10	0.10
SURFACE ALT (M)	225.	332.	415.	405.	144.
SURFACE TEMP (K)	289.0	291.0	287.0	291.0	280.0
SURFACE PRES (MB)	1000.	950.	950.	950.	1000.
TROP PRES (MB)	197.	192.	197.	197.	203.
TROP TEMP (K)	212.9	212.4	213.1	212.2	215.1
OZONE (DOBSON)	278.	286.	274.	277.	282.
CLOUD COVER (%)	7.	6.	0.	16.	22.
CLOUD ALT (MB)	850.0	850.0	*****	700.0	700.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	9.0	10.0	7.0	10.0	13.0
700MB-500MB	1.0	4.0	2.0	4.0	4.0
500MB-300MB	1.0	1.0	1.0	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	283.4	284.1	281.7	285.1	284.2
850MB-700MB	277.1	277.8	276.4	278.6	277.1
700MB-500MB	265.8	265.3	264.6	265.5	264.1
500MB-400MB	251.6	251.4	250.8	251.4	250.0
400MB-300MB	237.3	237.4	236.7	237.2	236.6
300MB-200MB	219.8	220.3	219.8	219.5	220.8
200MB-100MB	211.9	211.8	212.3	211.9	213.3
100MB-70MB	211.7	211.7	212.6	212.6	210.7
70MB-50MB	213.2	214.2	213.2	214.2	213.2
50MB-30MB	215.4	216.0	215.4	215.4	215.4
30MB-10MB	218.9	218.6	217.7	219.2	218.0
10MB-5MB	224.9	224.9	225.7	225.4	224.5
5MB-2MB	239.6	238.0	239.6	236.6	236.5
2MB-1MB	254.7	251.8	251.6	248.3	249.5
1MB-0.4MB	260.1	257.4	256.3	254.4	256.0
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	227.39	223.91	222.27	225.44	226.64
HIRS/2 BAND 2	218.92	219.83	216.89	219.00	217.69
HIRS/2 BAND 3	217.23	217.47	216.02	215.73	217.03
HIRS/2 BAND 4	226.45	226.44	225.67	226.05	226.13
HIRS/2 BAND 5	245.05	244.48	244.53	244.28	243.06
HIRS/2 BAND 6	256.06	255.30	254.30	254.56	253.11
HIRS/2 BAND 7	270.61	268.88	269.30	269.23	265.14
HIRS/2 BAND 8	289.05	290.50	287.19	291.22	279.77
HIRS/2 BAND 9	266.89	266.27	265.50	267.00	260.16
HIRS/2 BAND 10	285.27	283.28	282.42	283.47	276.00
HIRS/2 BAND 11	263.39	255.33	260.83	255.16	256.95
HIRS/2 BAND 12	247.86	240.95	247.59	239.08	245.19
HIRS/2 BAND 13	273.59	273.58	272.05	274.25	268.11
HIRS/2 BAND 14	263.03	263.27	262.03	263.72	259.23
HIRS/2 BAND 15	244.95	245.23	244.55	245.42	243.81
HIRS/2 BAND 16	260.13	261.09	259.69	261.55	254.50
HIRS/2 BAND 17	233.75	232.73	233.27	232.44	231.97
HIRS/2 BAND 18	293.97	292.20	290.83	293.30	280.77
HIRS/2 BAND 19	295.23	293.13	291.70	294.19	280.63
HIRS/2 BAND 20	2021.13	2017.88	2017.06	2015.31	2013.44
MSU BAND 1	264.77	270.64	267.42	261.55	235.50
MSU BAND 2	250.41	250.30	249.95	250.23	249.16
MSU BAND 3	225.89	226.09	226.11	226.08	226.25
MSU BAND 4	213.25	213.30	213.25	213.41	213.00
SSU BAND 1	222.58	222.09	221.97	222.03	221.66
SSU BAND 2	231.23	230.70	230.50	230.05	229.95
SSU BAND 3	241.45	238.66	238.34	237.58	238.31

TABLE 1. CONTINUED

OCT. 19 TO OCT. 20

DAY: HOUR: MIN	19:23:14	19:23:14	19:23:16	19:23:16	20: 9:15
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	9
LATITUDE (DEG N)	40.38	41.26	44.66	45.63	45.57
LONGITUDE (DEG W)	90.89	87.32	93.25	89.47	86.46
SOLAR ZENITH (DEG)	*****	*****	*****	*****	90.00
BOX SIZE LxW (KM)	518x293	518x293	518x293	518x293	309x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	194.	204.	312.	438.	140.
SURFACE TEMP (K)	287.0	282.0	282.0	276.0	284.0
SURFACE PRES (MB)	1000.	1000.	1000.	950.	1000.
TROP PRES (MB)	187.	192.	143.	192.	203.
TROP TEMP (K)	215.0	214.8	212.4	214.3	214.4
OZONE (DOBSON)	****	****	****	****	297.
CLOUD COVER (%)	***	***	***	***	5.
CLOUD ALT (MB)	*****	*****	*****	*****	850.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	12.0
700MB-500MB	*****	*****	*****	*****	3.0
500MB-300MB	*****	*****	*****	*****	1.0
TEMPERATURE (K)					
SURFACE-850MB	281.5	282.1	282.1	281.7	283.0
850MB-700MB	275.4	276.1	275.9	276.6	276.3
700MB-500MB	264.6	264.9	265.1	265.3	264.1
500MB-400MB	251.2	251.4	252.0	251.7	249.7
400MB-300MB	237.6	237.6	238.7	237.8	236.1
300MB-200MB	221.9	221.5	223.3	221.4	220.2
200MB-100MB	212.6	212.8	212.6	212.7	213.5
100MB-70MB	209.8	211.7	209.8	211.7	211.7
70MB-50MB	212.2	213.2	211.2	212.2	214.2
50MB-30MB	215.4	214.7	214.7	214.7	216.0
30MB-10MB	218.9	219.2	218.3	217.7	218.6
10MB-5MB	224.6	225.1	224.1	223.4	224.6
5MB-2MB	235.9	237.6	235.4	234.6	234.3
2MB-1MB	251.3	252.4	248.2	247.2	246.7
1MB-0.4MB	258.0	258.4	254.1	253.6	254.3
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	228.53
HIRS/2 BAND 2	*****	*****	*****	*****	218.69
HIRS/2 BAND 3	*****	*****	*****	*****	219.17
HIRS/2 BAND 4	*****	*****	*****	*****	227.88
HIRS/2 BAND 5	*****	*****	*****	*****	243.73
HIRS/2 BAND 6	*****	*****	*****	*****	254.17
HIRS/2 BAND 7	*****	*****	*****	*****	266.78
HIRS/2 BAND 8	*****	*****	*****	*****	284.44
HIRS/2 BAND 9	*****	*****	*****	*****	261.72
HIRS/2 BAND 10	*****	*****	*****	*****	278.98
HIRS/2 BAND 11	*****	*****	*****	*****	255.98
HIRS/2 BAND 12	*****	*****	*****	*****	237.30
HIRS/2 BAND 13	*****	*****	*****	*****	270.06
HIRS/2 BAND 14	*****	*****	*****	*****	260.80
HIRS/2 BAND 15	*****	*****	*****	*****	244.44
HIRS/2 BAND 16	*****	*****	*****	*****	261.27
HIRS/2 BAND 17	*****	*****	*****	*****	229.20
HIRS/2 BAND 18	*****	*****	*****	*****	284.41
HIRS/2 BAND 19	*****	*****	*****	*****	284.41
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	270.66	267.19	268.38	260.31	238.64
MSU BAND 2	249.88	250.30	250.55	250.55	249.56
MSU BAND 3	224.45	224.59	225.06	224.53	225.92
MSU BAND 4	212.45	213.13	212.19	213.11	213.69
SSU BAND 1	222.64	222.63	221.58	221.09	221.95
SSU BAND 2	230.34	231.16	229.81	229.22	230.09
SSU BAND 3	241.55	242.39	239.22	238.63	237.30

TABLE 1. CONTINUED

OCT. 20 TO OCT. 20

DAY: HOUR: MIN	20: 9:15	20: 9:16	20: 9:16	20: 9:16	20:13: 9
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	6
LATITUDE (DEG N)	45.23	42.15	42.86	41.09	46.15
LONGITUDE (DEG W)	89.92	87.06	93.19	90.82	88.50
SOLAR ZENITH (DEG)	90.00	90.00	90.00	90.00	*****
BOX SIZE LxW (KM)	309x293	309x293	309x293	309x293	250x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	418.	165.	342.	208.	399.
SURFACE TEMP (K)	279.0	284.0	289.0	279.0	284.0
SURFACE PRES (MB)	950.	1000.	950.	1000.	950.
TROP PRES (MB)	203.	203.	192.	203.	203.
TROP TEMP (K)	214.0	214.5	212.3	214.0	213.7
OZONE (DOBSON)	291.	288.	****	289.	****
CLOUD COVER (%)	21.	46.	***	3.	***
CLOUD ALT (MB)	700.0	778.3	*****	700.0	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	8.0	11.0	*****	12.0	*****
700MB-500MB	3.0	2.0	*****	3.0	*****
500MB-300MB	1.0	1.0	*****	1.0	*****
TEMPERATURE (K)					
SURFACE-850MB	281.7	281.7	281.1	284.2	280.7
850MB-700MB	276.4	275.7	276.4	278.2	275.6
700MB-500MB	263.4	264.4	265.4	265.2	264.3
500MB-400MB	249.3	250.0	251.7	250.8	250.2
400MB-300MB	235.6	236.0	237.6	236.4	236.1
300MB-200MB	219.8	220.3	220.2	220.3	219.8
200MB-100MB	213.8	213.7	211.5	213.5	212.8
100MB-70MB	213.6	212.6	212.6	211.7	213.6
70MB-50MB	213.2	213.2	213.2	213.2	214.2
50MB-30MB	215.4	215.4	215.4	215.4	216.0
30MB-10MB	217.4	218.9	218.6	218.0	219.9
10MB-5MB	223.9	225.6	226.3	226.3	224.2
5MB-2MB	238.5	239.5	239.5	239.4	233.3
2MB-1MB	253.0	253.1	251.4	251.6	244.7
1MB-0.4MB	258.7	258.2	256.1	256.8	251.5
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	223.95	223.64	223.84	226.94	*****
HIRS/2 BAND 2	218.00	217.31	217.88	216.83	*****
HIRS/2 BAND 3	217.55	218.67	217.13	218.22	*****
HIRS/2 BAND 4	226.58	228.25	*****	228.33	*****
HIRS/2 BAND 5	243.38	245.19	*****	244.05	*****
HIRS/2 BAND 6	252.42	254.83	*****	254.19	*****
HIRS/2 BAND 7	265.61	268.36	*****	266.16	*****
HIRS/2 BAND 8	278.69	283.91	*****	278.98	*****
HIRS/2 BAND 9	257.94	263.13	*****	259.22	*****
HIRS/2 BAND 10	274.28	280.56	*****	276.30	*****
HIRS/2 BAND 11	255.19	262.64	*****	256.89	*****
HIRS/2 BAND 12	240.63	247.77	*****	240.23	*****
HIRS/2 BAND 13	266.67	270.94	*****	268.14	*****
HIRS/2 BAND 14	258.78	261.41	*****	259.92	*****
HIRS/2 BAND 15	243.53	244.75	*****	244.16	*****
HIRS/2 BAND 16	258.86	261.83	*****	259.98	*****
HIRS/2 BAND 17	228.41	230.03	229.55	230.36	*****
HIRS/2 BAND 18	276.59	285.86	*****	277.92	*****
HIRS/2 BAND 19	276.75	285.52	*****	278.64	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	268.06	238.27	268.19	266.48	257.48
MSU BAND 2	249.14	249.86	250.20	250.17	249.50
MSU BAND 3	225.92	226.19	225.92	225.94	224.13
MSU BAND 4	213.88	213.91	213.17	213.34	213.94
SSU BAND 1	221.63	222.67	222.45	222.58	221.22
SSU BAND 2	230.28	230.95	231.17	231.58	228.66
SSU BAND 3	239.11	239.33	238.80	239.77	237.36

TABLE 1. CONTINUED

OCT. 20 TO OCT. 20

DAY: HOUR: MIN	20:13: 9	20:13: 9	20:13: 9	20:13:10	20:13:10
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	6
LATITUDE (DEG N)	46.62	43.56	44.01	40.33	40.98
LONGITUDE (DEG W)	91.57	89.63	92.57	87.11	90.68
SOLAR ZENITH (DEG)	*****	*****	*****	*****	*****
BOX SIZE LxW (KM)	250x293	518x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	324.	286.	340.	217.	203.
SURFACE TEMP (K)	286.0	282.0	284.0	284.0	285.0
SURFACE PRES (MB)	950.	1000.	950.	1000.	1000.
TROP PRES (MB)	203.	197.	197.	197.	197.
TROP TEMP (K)	212.9	213.7	212.9	214.1	213.5
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	281.7	282.1	282.0	282.1	282.7
850MB-700MB	276.6	276.1	276.6	276.1	276.6
700MB-500MB	265.1	264.8	265.2	264.9	265.2
500MB-400MB	250.8	250.6	251.1	250.9	251.1
400MB-300MB	236.4	236.7	236.8	237.0	237.2
300MB-200MB	219.4	220.3	219.8	220.8	220.3
200MB-100MB	212.3	212.8	212.2	212.2	212.4
100MB-70MB	213.6	212.6	212.6	212.6	212.6
70MB-50MB	214.2	214.2	214.2	213.2	213.2
50MB-30MB	216.0	215.4	215.4	216.0	215.4
30MB-10MB	219.6	219.6	219.9	221.1	219.9
10MB-5MB	224.1	224.4	226.0	227.1	225.7
5MB-2MB	233.2	235.5	236.1	237.5	237.1
2MB-1MB	244.3	248.3	245.4	248.5	248.6
1MB-0.4MB	251.0	254.5	250.2	253.2	253.8
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	*****
HIRS/2 BAND 2	*****	*****	*****	*****	*****
HIRS/2 BAND 3	*****	*****	*****	*****	*****
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	*****	*****
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	261.89	266.58	267.58	265.42	268.09
MSU BAND 2	249.97	249.89	250.11	249.98	250.20
MSU BAND 3	224.00	224.25	224.08	224.34	224.25
MSU BAND 4	213.86	213.59	213.56	213.25	213.38
SSU BAND 1	220.97	221.27	221.53	222.69	221.66
SSU BAND 2	228.58	229.80	230.47	231.25	230.80
SSU BAND 3	237.03	239.52	237.80	240.03	239.81

TABLE 1. CONTINUED

OCT. 20 TO OCT. 20

DAY: HOUR: MIN	20:13:10	20:20:43	20:20:43	20:20:44	20:20:44
MONTH	10	10	10	10	10
SATELLITE NO	6	9	9	9	9
LATITUDE (DEG N)	41.41	40.02	40.07	42.66	43.15
LONGITUDE (DEG W)	93.51	92.96	86.66	93.46	89.99
SOLAR ZENITH (DEG)	*****	63.69	67.39	65.34	67.54
BOX SIZE LxW (KM)	518x293	518x293	518x293	250x293	250x293
RELATIVE REFLECTANCE	*****	0.10	0.18	0.14	0.11
SURFACE ALT (M)	285.	258.	223.	348.	288.
SURFACE TEMP (K)	289.0	294.0	293.0	294.0	294.0
SURFACE PRES (MB)	1000.	1000.	1000.	950.	1000.
TROP PRES (MB)	197.	197.	203.	197.	203.
TROP TEMP (K)	211.6	212.2	214.4	211.7	215.1
OZONE (DOBSON)	****	278.	290.	281.	287.
CLOUD COVER (%)	***	57.	2.	34.	10.
CLOUD ALT (MB)	*****	821.1	850.0	850.0	850.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	15.0	12.0	11.0	14.0
700MB-500MB	*****	4.0	3.0	3.0	3.0
500MB-300MB	*****	1.0	1.0	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	284.4	288.4	285.3	288.4	287.2
850MB-700MB	278.4	280.1	277.5	281.7	278.6
700MB-500MB	266.5	266.9	264.6	267.8	265.2
500MB-400MB	252.0	251.9	249.7	251.9	249.9
400MB-300MB	237.4	237.4	235.7	237.0	236.0
300MB-200MB	219.4	220.1	220.3	219.4	220.8
200MB-100MB	211.0	211.0	213.4	211.4	213.4
100MB-70MB	212.6	211.7	212.6	212.6	212.6
70MB-50MB	213.2	213.2	214.2	213.2	213.2
50MB-30MB	216.0	216.0	216.7	215.4	215.4
30MB-10MB	219.6	221.1	220.5	219.9	219.2
10MB-5MB	226.3	229.0	228.0	227.1	226.2
5MB-2MB	238.0	243.4	239.4	242.9	238.9
2MB-1MB	248.2	255.8	251.7	256.7	252.6
1MB-0.4MB	252.4	259.2	257.3	260.3	258.7
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	228.56	232.41	225.30	231.09
HIRS/2 BAND 2	*****	219.23	219.41	217.86	218.09
HIRS/2 BAND 3	*****	216.42	217.92	216.83	218.44
HIRS/2 BAND 4	*****	226.41	226.73	226.97	227.86
HIRS/2 BAND 5	*****	245.36	243.89	245.58	244.41
HIRS/2 BAND 6	*****	255.45	255.17	257.14	255.78
HIRS/2 BAND 7	*****	270.56	269.63	271.97	270.81
HIRS/2 BAND 8	*****	293.81	292.63	293.81	293.83
HIRS/2 BAND 9	*****	269.00	267.28	268.83	268.95
HIRS/2 BAND 10	*****	285.86	285.27	287.41	286.83
HIRS/2 BAND 11	*****	257.44	257.39	261.42	258.83
HIRS/2 BAND 12	*****	243.97	240.86	247.34	243.95
HIRS/2 BAND 13	*****	276.38	274.80	277.22	276.45
HIRS/2 BAND 14	*****	265.42	263.59	266.20	265.17
HIRS/2 BAND 15	*****	246.77	245.08	247.13	245.77
HIRS/2 BAND 16	*****	265.52	260.94	266.23	264.14
HIRS/2 BAND 17	*****	235.42	235.78	234.97	234.69
HIRS/2 BAND 18	*****	297.14	297.23	298.05	296.78
HIRS/2 BAND 19	*****	298.36	298.66	298.97	297.23
HIRS/2 BAND 20	*****	2017.88	2022.13	2020.25	2017.56
MSU BAND 1	269.25	274.39	273.11	275.17	264.77
MSU BAND 2	250.88	251.64	249.81	251.78	250.63
MSU BAND 3	223.84	225.88	225.89	225.94	226.06
MSU BAND 4	213.20	213.09	213.75	213.19	213.31
SSU BAND 1	221.63	223.73	223.58	222.77	222.27
SSU BAND 2	231.17	233.69	233.00	232.58	232.19
SSU BAND 3	239.53	243.06	241.75	242.05	241.36

TABLE 1. CONTINUED

OCT. 20 TO OCT. 20

DAY: HOUR: MIN	20:20:44	20:20:45	20:20:45	20:20:45	20:20:45
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	43.11	45.21	46.26	45.17	46.07
LONGITUDE (DEG W)	86.71	91.93	92.69	88.99	87.39
SOLAR ZENITH (DEG)	69.35	67.98	68.35	69.48	70.94
BOX SIZE LxW (KM)	250x293	250x293	250x293	250x293	250x293
RELATIVE REFLECTANCE	0.12	0.11	0.09	0.13	0.12
SURFACE ALT (M)	151.	327.	347.	390.	258.
SURFACE TEMP (K)	286.0	293.0	294.0	290.0	293.0
SURFACE PRES (MB)	1000.	1000.	950.	950.	1000.
TROP PRES (MB)	208.	197.	197.	203.	208.
TROP TEMP (K)	214.7	211.1	212.1	213.4	215.8
OZONE (DOBSON)	291.	288.	276.	298.	291.
CLOUD COVER (%)	48.	0.	17.	1.	66.
CLOUD ALT (MB)	803.1	*****	850.0	850.0	825.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	12.0	13.0	7.0	12.0	13.0
700MB-500MB	3.0	2.0	2.0	3.0	3.0
500MB-300MB	1.0	1.0	1.0	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	283.6	286.3	285.4	285.4	286.1
850MB-700MB	277.1	279.3	279.4	278.9	278.2
700MB-500MB	264.1	267.6	266.6	265.7	263.9
500MB-400MB	248.8	252.5	251.2	250.2	248.3
400MB-300MB	235.0	237.6	236.9	235.4	234.8
300MB-200MB	219.8	219.2	219.8	219.2	220.5
200MB-100MB	213.5	211.2	211.5	213.0	214.1
100MB-70MB	212.6	211.7	211.7	213.6	212.6
70MB-50MB	214.2	214.2	214.2	213.2	214.2
50MB-30MB	216.0	215.4	215.4	216.0	216.0
30MB-10MB	219.9	219.9	220.2	218.9	219.6
10MB-5MB	226.8	225.6	226.5	225.6	226.0
5MB-2MB	240.2	239.2	239.4	238.6	236.1
2MB-1MB	253.5	253.9	252.1	253.0	248.6
1MB-0.4MB	258.4	259.5	257.1	258.9	255.6
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	226.73	227.44	225.89	227.45	230.16
HIRS/2 BAND 2	219.19	218.75	219.39	217.47	219.98
HIRS/2 BAND 3	218.03	218.52	215.69	220.38	217.92
HIRS/2 BAND 4	226.17	227.59	225.73	229.11	226.55
HIRS/2 BAND 5	242.67	245.72	245.95	244.58	243.73
HIRS/2 BAND 6	253.64	257.28	255.89	256.42	255.05
HIRS/2 BAND 7	266.78	270.88	272.78	269.28	269.98
HIRS/2 BAND 8	285.55	292.69	293.52	289.92	293.41
HIRS/2 BAND 9	262.77	268.22	268.63	266.11	267.53
HIRS/2 BAND 10	279.81	286.58	286.13	284.22	285.47
HIRS/2 BAND 11	256.17	259.72	258.59	258.70	255.89
HIRS/2 BAND 12	239.36	241.05	244.06	236.30	235.94
HIRS/2 BAND 13	270.89	275.58	275.56	274.53	275.52
HIRS/2 BAND 14	261.09	264.78	264.92	264.08	264.25
HIRS/2 BAND 15	243.80	246.31	246.47	245.81	245.27
HIRS/2 BAND 16	258.41	264.34	264.48	261.98	261.06
HIRS/2 BAND 17	234.69	234.44	234.31	234.55	234.02
HIRS/2 BAND 18	286.33	294.75	294.83	293.20	296.36
HIRS/2 BAND 19	287.06	295.45	295.80	293.88	296.84
HIRS/2 BAND 20	2016.94	2017.00	2015.19	2017.81	2016.88
MSU BAND 1	251.80	271.13	267.08	265.80	254.22
MSU BAND 2	249.41	251.52	251.34	250.39	249.50
MSU BAND 3	226.03	225.83	225.89	225.97	226.17
MSU BAND 4	213.75	213.28	213.28	213.58	213.69
SSU BAND 1	222.88	222.36	222.36	222.27	222.31
SSU BAND 2	232.20	231.50	231.31	231.61	231.33
SSU BAND 3	240.66	240.88	239.81	240.17	238.98

TABLE 1. CONTINUED

OCT. 20 TO OCT. 21

DAY: HOUR: MIN	20: 22: 51	21: 9: 4	21: 9: 4	21: 9: 6	21: 9: 6
MONTH	10	10	10	10	10
SATELLITE NO	6	9	9	9	9
LATITUDE (DEG N)	43.55	44.45	45.20	41.56	42.34
LONGITUDE (DEG W)	86.53	87.43	91.41	86.18	89.68
SOLAR ZENITH (DEG)	*****	90.00	90.00	90.00	90.00
BOX SIZE LxW (KM)	309x293	250x293	250x293	250x293	250x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	197.	160.	358.	232.	258.
SURFACE TEMP (K)	279.0	284.0	280.0	283.0	282.0
SURFACE PRES (MB)	1000.	1000.	950.	1000.	1000.
TROP PRES (MB)	197.	197.	192.	203.	197.
TROP TEMP (K)	214.8	211.8	210.7	210.3	210.6
OZONE (DOBSON)	****	284.	283.	288.	280.
CLOUD COVER (%)	***	29.	36.	10.	12.
CLOUD ALT (MB)	*****	850.0	700.0	700.0	700.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	13.0	11.0	13.0	15.0
700MB-500MB	*****	3.0	3.0	3.0	3.0
500MB-300MB	*****	1.0	1.0	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	282.3	284.8	284.4	284.6	285.7
850MB-700MB	276.1	279.1	279.6	279.1	279.4
700MB-500MB	264.9	266.5	267.0	266.7	267.6
500MB-400MB	250.9	251.2	251.4	251.6	252.3
400MB-300MB	237.3	236.6	236.7	236.6	237.3
300MB-200MB	221.3	219.2	218.9	218.0	219.0
200MB-100MB	212.7	211.9	210.6	211.5	210.1
100MB-70MB	212.6	212.6	211.7	213.6	212.6
70MB-50MB	214.2	214.2	213.2	214.2	214.2
50MB-30MB	215.4	216.0	215.4	215.4	215.4
30MB-10MB	219.6	220.2	220.5	219.2	218.9
10MB-5MB	225.4	227.1	226.4	227.4	227.4
5MB-2MB	237.0	240.3	241.2	244.5	243.4
2MB-1MB	249.4	253.0	255.5	258.4	256.2
1MB-0.4MB	255.0	257.7	259.5	261.2	259.4
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	227.08	222.50	224.48	224.25
HIRS/2 BAND 2	*****	218.05	219.38	218.20	216.77
HIRS/2 BAND 3	*****	217.00	217.34	217.83	217.58
HIRS/2 BAND 4	*****	227.17	227.27	227.50	228.34
HIRS/2 BAND 5	*****	244.06	244.36	245.52	245.05
HIRS/2 BAND 6	*****	254.77	255.00	255.53	255.84
HIRS/2 BAND 7	*****	267.38	266.75	268.00	267.66
HIRS/2 BAND 8	*****	283.52	280.05	282.59	281.75
HIRS/2 BAND 9	*****	262.00	260.28	261.59	262.41
HIRS/2 BAND 10	*****	278.67	276.72	278.83	279.05
HIRS/2 BAND 11	*****	256.89	258.73	259.80	259.63
HIRS/2 BAND 12	*****	238.02	241.31	244.59	244.81
HIRS/2 BAND 13	*****	270.02	269.02	270.27	270.38
HIRS/2 BAND 14	*****	261.34	261.00	261.48	261.67
HIRS/2 BAND 15	*****	245.19	244.92	245.31	245.22
HIRS/2 BAND 16	*****	261.27	259.55	261.89	261.23
HIRS/2 BAND 17	*****	231.48	230.53	231.97	231.88
HIRS/2 BAND 18	*****	283.05	277.77	282.86	280.89
HIRS/2 BAND 19	*****	283.05	277.77	282.89	281.78
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	243.23	239.77	263.94	263.41	265.97
MSU BAND 2	250.22	250.30	250.69	250.48	251.09
MSU BAND 3	224.69	225.77	225.45	225.33	225.44
MSU BAND 4	213.45	213.55	212.88	213.89	213.00
SSU BAND 1	221.69	222.95	222.44	223.19	222.36
SSU BAND 2	230.89	231.88	231.73	233.23	232.75
SSU BAND 3	240.34	240.72	240.31	242.72	241.42

TABLE 1. CONTINUED

OCT. 21 TO OCT. 21

DAY: HOUR: MIN	21: 9: 6	21: 9: 6	21:12:44	21:12:44	21:12:45
MONTH	10	10	10	10	10
SATELLITE NO	9	9	6	6	6
LATITUDE (DEG N)	42.52	41.95	46.29	46.63	43.32
LONGITUDE (DEG W)	91.53	94.00	88.75	92.33	86.75
SOLAR ZENITH (DEG)	90.00	90.00	*****	*****	*****
BOX SIZE LxW (KM)	250x293	250x293	250x293	250x293	250x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	295.	343.	407.	360.	153.
SURFACE TEMP (K)	281.0	282.0	284.0	287.0	280.0
SURFACE PRES (MB)	1000.	950.	950.	950.	1000.
TROP PRES (MB)	197.	192.	197.	192.	197.
TROP TEMP (K)	211.4	211.5	212.2	212.8	210.6
OZONE (DOBSON)	288.	280.	****	****	****
CLOUD COVER (%)	0.	8.	***	***	***
CLOUD ALT (MB)	*****	700.0	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	17.0	12.0	*****	*****	*****
700MB-500MB	4.0	3.0	*****	*****	*****
500MB-300MB	1.0	1.0	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	286.5	285.4	282.6	283.2	285.1
850MB-700MB	280.1	280.0	277.3	277.8	278.9
700MB-500MB	267.5	266.9	265.7	266.4	267.0
500MB-400MB	252.2	251.4	251.4	252.2	252.2
400MB-300MB	236.8	236.9	237.0	238.0	237.5
300MB-200MB	219.0	219.8	219.5	220.7	218.7
200MB-100MB	210.5	210.7	211.2	211.2	210.8
100MB-70MB	211.7	210.7	212.6	211.7	212.6
70MB-50MB	213.2	212.2	214.2	212.2	214.2
50MB-30MB	216.0	216.0	216.0	216.0	215.4
30MB-10MB	220.2	220.2	220.2	220.2	220.2
10MB-5MB	227.7	229.9	224.8	224.5	226.4
5MB-2MB	241.0	243.3	235.8	234.3	239.0
2MB-1MB	253.7	252.4	249.8	247.1	251.2
1MB-0.4MB	258.1	255.0	256.2	253.6	255.7
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	226.95	222.56	*****	*****	*****
HIRS/2 BAND 2	217.19	217.55	*****	*****	*****
HIRS/2 BAND 3	219.42	216.42	*****	*****	*****
HIRS/2 BAND 4	228.58	227.08	*****	*****	*****
HIRS/2 BAND 5	244.75	244.33	*****	*****	*****
HIRS/2 BAND 6	256.05	255.23	*****	*****	*****
HIRS/2 BAND 7	267.11	266.75	*****	*****	*****
HIRS/2 BAND 8	281.27	281.84	*****	*****	*****
HIRS/2 BAND 9	262.23	260.92	*****	*****	*****
HIRS/2 BAND 10	278.50	278.36	*****	*****	*****
HIRS/2 BAND 11	260.13	258.28	*****	*****	*****
HIRS/2 BAND 12	246.64	240.02	*****	*****	*****
HIRS/2 BAND 13	270.42	270.27	*****	*****	*****
HIRS/2 BAND 14	261.81	261.70	*****	*****	*****
HIRS/2 BAND 15	245.16	244.52	*****	*****	*****
HIRS/2 BAND 16	260.50	258.88	*****	*****	*****
HIRS/2 BAND 17	231.50	231.09	*****	*****	*****
HIRS/2 BAND 18	280.52	281.31	*****	*****	*****
HIRS/2 BAND 19	281.39	281.36	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	268.55	268.08	255.83	260.83	238.66
MSU BAND 2	250.98	250.75	250.31	250.94	251.08
MSU BAND 3	225.45	225.69	223.83	224.22	223.64
MSU BAND 4	212.63	212.30	213.20	212.67	213.39
SSU BAND 1	222.67	222.70	221.78	221.23	222.23
SSU BAND 2	232.63	233.09	229.73	228.97	231.67
SSU BAND 3	240.92	239.52	240.56	238.61	241.63

TABLE 1. CONTINUED

OCT. 21 TO OCT. 21

DAY: HOUR: MIN	21:12:45	21:12:45	21:12:46	21:12:46	21:12:46
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	6
LATITUDE (DEG N)	43.67	44.00	40.70	41.04	41.36
LONGITUDE (DEG W)	89.60	93.02	87.66	90.40	93.69
SOLAR ZENITH (DEG)	*****	*****	*****	*****	*****
BOX SIZE LxW (KM)	250x293	250x293	250x293	250x293	309x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	301.	344.	204.	203.	315.
SURFACE TEMP (K)	282.0	284.0	283.0	284.0	290.0
SURFACE PRES (MB)	1000.	950.	1000.	1000.	1000.
TROP PRES (MB)	197.	187.	197.	192.	181.
TROP TEMP (K)	211.3	211.9	211.2	211.5	212.0
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	285.3	284.4	285.3	285.5	284.8
850MB-700MB	279.3	279.1	278.9	279.4	278.6
700MB-500MB	267.1	267.2	267.1	267.3	267.0
500MB-400MB	252.5	252.9	252.5	252.9	252.8
400MB-300MB	237.9	238.6	237.8	238.3	238.7
300MB-200MB	219.3	220.8	219.2	220.1	221.3
200MB-100MB	210.5	210.2	210.7	210.0	210.2
100MB-70MB	212.6	211.7	211.7	211.7	210.7
70MB-50MB	213.2	212.2	214.2	213.2	212.2
50MB-30MB	216.0	215.4	216.0	215.4	214.7
30MB-10MB	220.5	220.5	221.1	220.8	221.1
10MB-5MB	225.7	226.1	227.2	226.7	227.6
5MB-2MB	237.9	238.0	239.3	238.5	238.9
2MB-1MB	252.3	250.4	252.2	251.0	248.7
1MB-0.4MB	257.9	255.2	256.9	255.7	252.2
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	*****
HIRS/2 BAND 2	*****	*****	*****	*****	*****
HIRS/2 BAND 3	*****	*****	*****	*****	*****
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	*****	*****
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	266.28	267.31	267.81	268.50	268.30
MSU BAND 2	251.34	251.56	251.25	251.55	251.36
MSU BAND 3	223.86	224.19	223.80	223.97	224.22
MSU BAND 4	213.14	212.28	213.09	212.52	211.97
SSU BAND 1	222.38	221.80	223.00	222.38	222.09
SSU BAND 2	231.03	231.00	231.97	231.44	231.48
SSU BAND 3	242.33	240.81	242.52	241.45	239.88

TABLE 1. CONTINUED

OCT. 21 TO OCT. 21

DAY: HOUR: MIN	21:20:33	21:20:33	21:20:33	21:20:33	21:20:33
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	41.74	43.38	43.84	42.91	45.19
LONGITUDE (DEG W)	89.34	91.33	93.26	89.31	89.61
SOLAR ZENITH (DEG)	65.73	65.88	65.25	66.58	68.07
BOX SIZE LxW (KM)	309x293	309x293	309x293	309x293	309x293
RELATIVE REFLECTANCE	0.12	0.09	0.10	0.12	0.09
SURFACE ALT (M)	232.	308.	349.	270.	419.
SURFACE TEMP (K)	294.0	294.0	294.0	293.0	294.0
SURFACE PRES (MB)	1000.	1000.	950.	1000.	950.
TROP PRES (MB)	192.	187.	192.	192.	197.
TROP TEMP (K)	213.0	211.7	214.3	212.5	211.4
OZONE (DOBSON)	281.	289.	294.	277.	291.
CLOUD COVER (%)	10.	0.	0.	20.	23.
CLOUD ALT (MB)	850.0	*****	*****	850.0	850.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	14.0	15.0	12.0	13.0	10.0
700MB-500MB	3.0	3.0	4.0	3.0	4.0
500MB-300MB	1.0	1.0	1.0	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	288.4	287.4	287.2	288.4	286.9
850MB-700MB	280.8	280.1	280.1	281.0	280.5
700MB-500MB	268.4	267.8	267.7	268.2	267.9
500MB-400MB	252.9	252.5	252.8	252.8	252.9
400MB-300MB	238.5	238.0	238.7	238.3	238.5
300MB-200MB	221.2	220.5	222.2	220.9	219.9
200MB-100MB	211.2	210.7	211.9	211.0	210.7
100MB-70MB	211.7	210.7	210.7	210.7	211.7
70MB-50MB	212.2	212.2	213.2	213.2	213.2
50MB-30MB	216.0	216.0	216.0	216.0	215.4
30MB-10MB	221.1	221.1	221.1	220.8	220.2
10MB-5MB	229.1	227.4	227.5	228.4	227.0
5MB-2MB	243.3	246.1	241.7	244.2	242.1
2MB-1MB	256.0	263.3	257.0	258.0	257.0
1MB-0.4MB	259.7	265.5	261.9	261.3	261.3
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	229.03	220.98	230.39	226.64	227.36
HIRS/2 BAND 2	218.61	218.41	218.25	219.48	220.13
HIRS/2 BAND 3	217.98	218.80	219.80	216.92	218.38
HIRS/2 BAND 4	227.97	228.52	229.61	226.53	226.47
HIRS/2 BAND 5	246.44	246.03	245.80	246.28	246.23
HIRS/2 BAND 6	258.03	257.72	257.20	257.36	257.13
HIRS/2 BAND 7	272.94	271.27	271.19	271.92	270.64
HIRS/2 BAND 8	294.42	293.89	294.31	292.89	293.84
HIRS/2 BAND 9	270.27	268.70	268.95	269.19	268.03
HIRS/2 BAND 10	288.89	286.83	286.70	287.17	285.64
HIRS/2 BAND 11	263.58	259.05	257.69	262.03	254.91
HIRS/2 BAND 12	248.86	242.70	241.97	250.89	240.08
HIRS/2 BAND 13	277.55	276.44	276.39	276.47	275.47
HIRS/2 BAND 14	266.52	265.77	265.86	265.73	264.91
HIRS/2 BAND 15	247.44	247.22	247.42	247.20	246.70
HIRS/2 BAND 16	266.30	265.92	266.09	265.44	264.52
HIRS/2 BAND 17	236.03	235.34	235.52	235.61	235.11
HIRS/2 BAND 18	298.11	295.69	296.03	296.13	294.44
HIRS/2 BAND 19	299.03	296.42	297.16	296.63	295.36
HIRS/2 BAND 20	2018.94	2015.88	2017.56	2018.31	2015.50
MSU BAND 1	274.02	273.61	273.30	267.47	270.00
MSU BAND 2	252.44	252.11	252.42	252.06	251.81
MSU BAND 3	226.42	226.28	226.61	226.42	226.13
MSU BAND 4	212.83	212.58	212.89	212.94	213.14
SSU BAND 1	223.83	223.75	223.72	223.63	222.98
SSU BAND 2	234.00	233.63	233.30	233.81	233.31
SSU BAND 3	243.19	243.97	243.70	243.42	242.64

TABLE 1. CONTINUED

OCT. 21 TO OCT. 22

DAY: HOUR: MIN	21:20:34	21:20:34	22: 0: 7	22: 0: 7	22: 0: 8
MONTH	10	10	10	10	10
SATELLITE NO	9	9	6	6	6
LATITUDE (DEG N)	45.84	46.57	43.71	44.15	46.33
LONGITUDE (DEG W)	92.94	87.72	91.46	88.06	92.31
SOLAR ZENITH (DEG)	66.93	70.02	****	****	****
BOX SIZE LxW (KM)	309x293	309x293	309x293	309x293	518x293
RELATIVE REFLECTANCE	0.09	0.09	****	****	****
SURFACE ALT (M)	334.	327.	304.	225.	335.
SURFACE TEMP (K)	294.0	292.0	286.0	280.0	287.0
SURFACE PRES (MB)	950.	950.	1000.	1000.	950.
TROP PRES (MB)	197.	197.	187.	192.	192.
TROP TEMP (K)	211.5	212.5	212.0	212.0	211.7
OZONE (DOBSON)	290.	283.	****	****	****
CLOUD COVER (%)	5.	14.	***	***	***
CLOUD ALT (MB)	850.0	850.0	****	****	****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	12.0	9.0	****	****	****
700MB-500MB	4.0	3.0	****	****	****
500MB-300MB	1.0	1.0	****	****	****
TEMPERATURE (K)					
SURFACE-850MB	287.8	284.4	286.3	285.7	285.1
850MB-700MB	281.4	278.2	279.6	279.4	279.6
700MB-500MB	268.8	265.7	267.9	267.5	267.7
500MB-400MB	253.5	251.1	253.4	252.9	253.1
400MB-300MB	238.6	237.2	239.1	238.5	238.6
300MB-200MB	220.0	220.0	220.9	220.4	220.2
200MB-100MB	210.5	211.8	211.0	211.1	211.1
100MB-70MB	211.7	212.6	211.7	211.7	211.7
70MB-50MB	213.2	214.2	213.2	214.2	214.2
50MB-30MB	216.0	215.4	216.0	215.4	215.4
30MB-10MB	220.5	219.9	220.5	220.5	220.2
10MB-5MB	227.6	226.2	227.3	227.0	227.4
5MB-2MB	241.1	240.9	240.6	240.2	239.0
2MB-1MB	254.5	255.7	254.7	253.4	249.0
1MB-0.4MB	258.9	260.7	259.3	257.8	252.8
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	225.91	229.11	*****	*****	*****
HIRS/2 BAND 2	218.25	220.30	*****	*****	*****
HIRS/2 BAND 3	219.13	216.80	*****	*****	*****
HIRS/2 BAND 4	228.55	226.02	*****	*****	*****
HIRS/2 BAND 5	246.25	244.78	*****	*****	*****
HIRS/2 BAND 6	258.06	254.72	*****	*****	*****
HIRS/2 BAND 7	271.22	269.42	*****	*****	*****
HIRS/2 BAND 8	293.69	291.61	*****	*****	*****
HIRS/2 BAND 9	268.86	267.03	*****	*****	*****
HIRS/2 BAND 10	286.59	283.47	*****	*****	*****
HIRS/2 BAND 11	258.38	254.27	*****	*****	*****
HIRS/2 BAND 12	242.78	239.89	*****	*****	*****
HIRS/2 BAND 13	276.34	273.91	*****	*****	*****
HIRS/2 BAND 14	265.89	263.38	*****	*****	*****
HIRS/2 BAND 15	247.69	245.56	*****	*****	*****
HIRS/2 BAND 16	266.16	262.44	*****	*****	*****
HIRS/2 BAND 17	234.73	234.81	*****	*****	*****
HIRS/2 BAND 18	295.00	292.88	*****	*****	*****
HIRS/2 BAND 19	295.67	294.08	*****	*****	*****
HIRS/2 BAND 20	2015.63	2014.50	*****	*****	*****
MSU BAND 1	272.45	250.30	270.88	257.59	263.72
MSU BAND 2	252.42	250.75	252.25	251.86	251.97
MSU BAND 3	226.17	225.88	224.61	224.41	224.38
MSU BAND 4	212.94	213.66	213.00	213.19	213.27
SSU BAND 1	223.17	222.80	223.23	222.80	222.41
SSU BAND 2	232.63	232.42	232.92	232.64	232.09
SSU BAND 3	241.02	242.59	244.09	243.16	240.27

TABLE 1. CONTINUED

OCT. 22 TO OCT. 22

DAY: HOUR: MIN	22: 0: 8	22: 8: 54	22: 8: 55	22: 12: 21	22: 12: 21
MONTH	10	10	10	10	10
SATELLITE NO	6	9	9	6	6
LATITUDE (DEG N)	46.78	45.52	41.73	43.29	43.52
LONGITUDE (DEG W)	88.75	88.59	88.97	87.12	90.28
SOLAR ZENITH (DEG)	*****	90.00	90.00	*****	*****
BOX SIZE LxW (KM)	518x293	518x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	302.	402.	229.	147.	298.
SURFACE TEMP (K)	283.0	281.0	290.0	288.0	290.0
SURFACE PRES (MB)	1000.	950.	1000.	1000.	1000.
TROP PRES (MB)	192.	197.	187.	187.	170.
TROP TEMP (K)	212.7	213.2	213.1	212.8	212.7
OZONE (DOBSON)	****	288.	****	****	****
CLOUD COVER (%)	***	32.	***	***	***
CLOUD ALT (MB)	*****	700.0	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	11.0	*****	*****	*****
700MB-500MB	*****	4.0	*****	*****	*****
500MB-300MB	*****	1.0	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	284.8	286.0	285.5	285.3	284.8
850MB-700MB	278.4	280.3	278.9	278.9	278.6
700MB-500MB	266.8	266.8	267.1	267.2	267.1
500MB-400MB	252.3	251.2	252.3	253.1	253.1
400MB-300MB	238.1	236.7	238.1	238.9	239.4
300MB-200MB	220.6	220.0	221.4	221.5	222.7
200MB-100MB	211.6	212.1	211.3	211.1	211.4
100MB-70MB	212.6	211.7	209.8	210.7	209.8
70MB-50MB	214.2	213.2	213.2	213.2	211.2
50MB-30MB	215.4	216.0	216.0	215.4	216.0
30MB-10MB	219.6	220.8	221.7	220.8	221.4
10MB-5MB	226.0	227.8	230.0	227.8	228.5
5MB-2MB	238.7	239.4	240.9	239.6	239.2
2MB-1MB	251.2	251.6	251.2	250.2	248.1
1MB-0.4MB	256.2	256.7	255.6	254.0	251.2
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	227.67	229.36	*****	*****
HIRS/2 BAND 2	*****	219.48	219.08	*****	*****
HIRS/2 BAND 3	*****	218.77	218.36	*****	*****
HIRS/2 BAND 4	*****	227.89	*****	*****	*****
HIRS/2 BAND 5	*****	245.09	*****	*****	*****
HIRS/2 BAND 6	*****	256.06	*****	*****	*****
HIRS/2 BAND 7	*****	267.67	*****	*****	*****
HIRS/2 BAND 8	*****	280.63	*****	*****	*****
HIRS/2 BAND 9	*****	261.22	*****	*****	*****
HIRS/2 BAND 10	*****	277.89	*****	*****	*****
HIRS/2 BAND 11	*****	260.19	*****	*****	*****
HIRS/2 BAND 12	*****	246.47	*****	*****	*****
HIRS/2 BAND 13	*****	270.06	*****	*****	*****
HIRS/2 BAND 14	*****	261.55	*****	*****	*****
HIRS/2 BAND 15	*****	245.09	*****	*****	*****
HIRS/2 BAND 16	*****	260.00	*****	*****	*****
HIRS/2 BAND 17	*****	230.72	232.00	*****	*****
HIRS/2 BAND 18	*****	280.17	*****	*****	*****
HIRS/2 BAND 19	*****	280.98	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	246.13	264.28	262.92	243.80	266.05
MSU BAND 2	251.45	250.58	251.48	251.83	251.86
MSU BAND 3	224.56	225.95	226.16	224.66	224.97
MSU BAND 4	213.52	213.23	212.47	212.61	212.16
SSU BAND 1	222.06	223.19	223.86	222.73	222.84
SSU BAND 2	231.88	232.44	233.53	232.31	232.11
SSU BAND 3	241.59	240.11	241.02	241.08	239.70

TABLE 1. CONTINUED

OCT. 22 TO OCT. 22

DAY: HOUR: MIN	22:12:22	22:12:22	22:14: 0	22:20:22	22:20:22
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	9	9
LATITUDE (DEG N)	40.66	40.88	45.64	40.44	41.66
LONGITUDE (DEG W)	87.77	90.80	93.25	93.91	91.78
SOLAR ZENITH (DEG)	*****	*****	*****	61.27	63.28
BOX SIZE LxW (KM)	518x293	518x293	309x293	518x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	209.	201.	329.	305.	247.
SURFACE TEMP (K)	291.0	289.0	286.0	293.0	292.0
SURFACE PRES (MB)	1000.	1000.	950.	1000.	1000.
TROP PRES (MB)	181.	138.	127.	116.	165.
TROP TEMP (K)	212.3	209.5	210.4	210.8	214.4
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	285.9	285.7	282.6	283.4	282.7
850MB-700MB	279.4	279.3	277.1	276.3	276.6
700MB-500MB	267.7	267.8	266.2	265.3	265.6
500MB-400MB	253.4	253.9	253.1	251.7	251.7
400MB-300MB	239.3	240.1	239.9	239.4	238.6
300MB-200MB	221.7	223.1	224.6	226.6	224.0
200MB-100MB	210.7	210.4	212.6	214.4	213.2
100MB-70MB	209.8	208.8	208.8	210.7	211.7
70MB-50MB	213.2	211.2	210.2	212.2	212.2
50MB-30MB	215.4	215.4	215.4	216.0	216.0
30MB-10MB	221.7	221.7	221.1	221.1	221.1
10MB-5MB	229.0	229.5	228.9	229.0	229.8
5MB-2MB	240.8	241.4	239.4	244.0	248.1
2MB-1MB	251.7	250.4	245.3	258.9	262.2
1MB-0.4MB	255.1	252.7	247.4	263.2	263.6
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	231.06	222.70
HIRS/2 BAND 2	*****	*****	*****	219.14	218.06
HIRS/2 BAND 3	*****	*****	*****	219.42	217.58
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	236.78	236.39
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	266.52	267.58	265.28	271.02	269.63
MSU BAND 2	252.14	252.33	251.59	251.30	251.19
MSU BAND 3	224.67	225.00	225.69	228.42	227.72
MSU BAND 4	212.38	211.58	211.89	213.11	213.38
SSU BAND 1	223.58	223.23	222.38	224.59	224.78
SSU BAND 2	233.14	233.20	232.03	235.09	235.00
SSU BAND 3	242.27	241.30	237.83	245.11	244.53

TABLE 1. CONTINUED

OCT. 22 TO OCT. 22

DAY: HOUR: MIN	22:20:22	22:20:23	22:20:23	22:20:23	22:20:23
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	40.77	43.93	46.31	46.84	46.65
LONGITUDE (DEG W)	88.07	90.20	92.21	89.06	87.77
SOLAR ZENITH (DEG)	64.54	65.80	66.70	68.55	69.02
BOX SIZE LxW (KM)	250x293	250x293	250x293	250x293	250x293
RELATIVE REFLECTANCE	*****	*****	0.18	0.09	0.10
SURFACE ALT (M)	210.	308.	335.	297.	280.
SURFACE TEMP (K)	299.0	295.0	292.0	289.0	284.0
SURFACE PRES (MB)	1000.	1000.	950.	1000.	1000.
TROP PRES (MB)	187.	192.	203.	203.	197.
TROP TEMP (K)	214.7	214.6	216.8	216.5	215.4
OZONE (DOBSON)	****	****	293.	289.	286.
CLOUD COVER (%)	***	***	91.	64.	60.
CLOUD ALT (MB)	*****	*****	493.4	635.9	628.3
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	12.0	15.0	17.0
700MB-500MB	*****	*****	4.0	4.0	4.0
500MB-300MB	*****	*****	1.0	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	287.2	285.1	286.0	287.0	285.7
850MB-700MB	280.0	278.2	278.6	278.0	276.8
700MB-500MB	267.9	266.3	266.0	265.0	264.0
500MB-400MB	253.2	252.0	251.2	250.3	249.6
400MB-300MB	239.4	238.1	237.4	236.6	236.2
300MB-200MB	223.0	222.1	222.4	221.9	221.5
200MB-100MB	212.3	213.1	214.7	214.6	214.4
100MB-70MB	210.7	211.7	213.6	213.6	213.6
70MB-50MB	213.2	214.2	214.2	214.2	214.2
50MB-30MB	216.0	216.0	216.0	216.7	216.0
30MB-10MB	221.7	221.4	219.9	219.9	219.9
10MB-5MB	230.4	229.8	227.5	227.2	227.4
5MB-2MB	245.0	243.8	240.6	240.1	244.0
2MB-1MB	258.0	256.0	254.8	254.3	258.6
1MB-0.4MB	261.3	259.3	260.5	260.1	262.0
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	230.95	227.17	230.73	230.20	223.86
HIRS/2 BAND 2	219.55	218.48	217.17	219.36	218.89
HIRS/2 BAND 3	218.31	217.45	218.83	218.50	217.05
HIRS/2 BAND 4	*****	*****	229.44	228.05	226.72
HIRS/2 BAND 5	*****	*****	245.14	244.13	242.80
HIRS/2 BAND 6	*****	*****	256.42	254.78	252.14
HIRS/2 BAND 7	*****	*****	270.28	268.52	264.55
HIRS/2 BAND 8	*****	*****	292.19	289.27	284.20
HIRS/2 BAND 9	*****	*****	267.42	266.22	262.48
HIRS/2 BAND 10	*****	*****	285.20	283.50	278.89
HIRS/2 BAND 11	*****	*****	260.47	259.19	255.45
HIRS/2 BAND 12	*****	*****	245.83	245.86	241.52
HIRS/2 BAND 13	*****	*****	275.03	273.89	270.84
HIRS/2 BAND 14	*****	*****	264.58	263.56	261.11
HIRS/2 BAND 15	*****	*****	246.56	245.64	244.39
HIRS/2 BAND 16	*****	*****	264.95	263.63	260.97
HIRS/2 BAND 17	236.73	235.75	234.55	235.22	235.06
HIRS/2 BAND 18	*****	*****	293.30	292.92	288.31
HIRS/2 BAND 19	*****	*****	293.44	293.70	289.77
HIRS/2 BAND 20	*****	*****	2022.50	2015.31	2015.50
MSU BAND 1	272.91	271.23	266.44	241.80	234.69
MSU BAND 2	252.53	251.44	251.14	250.86	250.55
MSU BAND 3	227.19	227.02	227.31	227.06	227.20
MSU BAND 4	213.19	213.77	214.30	214.63	214.77
SSU BAND 1	225.06	224.67	223.83	223.75	223.73
SSU BAND 2	235.39	234.14	233.39	233.30	233.33
SSU BAND 3	245.08	242.72	242.34	241.98	242.41

TABLE 1. CONTINUED

OCT. 22 TO OCT. 22

DAY: HOUR: MIN	22:23:42	22:23:42	22:23:44	22:23:44	22:23:44
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	6
LATITUDE (DEG N)	41.55	42.09	45.99	46.56	47.04
LONGITUDE (DEG W)	90.58	87.77	92.46	89.45	86.46
SOLAR ZENITH (DEG)	*****	*****	*****	*****	*****
BOX SIZE LxW (KM)	250x293	250x293	250x293	250x293	250x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	214.	185.	342.	382.	104.
SURFACE TEMP (K)	290.0	290.0	287.0	284.0	283.0
SURFACE PRES (MB)	1000.	1000.	950.	950.	1000.
TROP PRES (MB)	181.	187.	192.	203.	208.
TROP TEMP (K)	215.6	214.6	214.5	215.0	216.8
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	283.6	284.2	283.5	282.6	281.5
850MB-700MB	277.0	277.8	277.8	276.8	274.7
700MB-500MB	265.7	266.4	266.3	265.4	263.6
500MB-400MB	252.2	252.5	252.2	251.2	249.7
400MB-300MB	238.7	238.7	238.3	237.4	236.3
300MB-200MB	223.4	222.4	221.8	221.1	221.5
200MB-100MB	213.5	212.8	212.9	213.9	215.1
100MB-70MB	211.7	210.7	213.6	214.6	215.5
70MB-50MB	213.2	214.2	214.2	215.3	215.3
50MB-30MB	216.0	216.0	215.4	215.4	216.0
30MB-10MB	221.1	221.7	219.6	219.6	218.9
10MB-5MB	227.9	227.6	226.0	226.0	225.4
5MB-2MB	241.1	239.7	238.7	238.5	237.8
2MB-1MB	255.4	254.2	252.4	251.8	251.8
1MB-0.4MB	260.3	259.6	258.0	257.7	258.3
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	*****
HIRS/2 BAND 2	*****	*****	*****	*****	*****
HIRS/2 BAND 3	*****	*****	*****	*****	*****
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	*****	*****
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	271.27	244.06	269.42	259.06	239.38
MSU BAND 2	251.47	251.66	251.63	250.98	249.94
MSU BAND 3	225.77	225.34	225.36	225.28	225.50
MSU BAND 4	213.53	213.47	214.11	214.89	215.27
SSU BAND 1	224.02	224.05	222.55	222.78	222.66
SSU BAND 2	233.72	232.73	232.27	232.39	232.11
SSU BAND 3	244.86	244.13	242.50	242.36	242.31

TABLE 1. CONTINUED

OCT. 23 TO OCT. 23

DAY: HOUR: MIN	23: 8:44	23: 8:44	23:10:24	23:10:25	23:13:36
MONTH	10	10	10	10	10
SATELLITE NO	9	9	6	9	6
LATITUDE (DEG N)	40.69	41.28	47.18	40.33	47.42
LONGITUDE (DEG W)	88.14	91.81	93.91	92.39	86.00
SOLAR ZENITH (DEG)	90.00	90.00	*****	90.00	*****
BOX SIZE LxW (KM)	309x293	309x293	518x293	309x293	309x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	212.	226.	405.	250.	111.
SURFACE TEMP (K)	293.0	290.0	280.0	292.0	281.0
SURFACE PRES (MB)	1000.	1000.	950.	1000.	1000.
TROP PRES (MB)	133.	106.	197.	106.	214.
TROP TEMP (K)	212.8	210.0	214.2	209.5	218.6
OZONE (DOBSON)	****	****	291.	****	****
CLOUD COVER (%)	***	***	54.	***	***
CLOUD ALT (MB)	*****	*****	700.0	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	9.0	*****	*****
700MB-500MB	*****	*****	3.0	*****	*****
500MB-300MB	*****	*****	1.0	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	284.2	279.8	282.0	280.2	279.0
850MB-700MB	277.0	273.3	277.5	274.0	272.6
700MB-500MB	265.4	263.1	265.5	263.8	261.9
500MB-400MB	251.4	250.0	250.8	250.8	248.5
400MB-300MB	238.3	238.6	236.8	239.3	235.6
300MB-200MB	224.5	227.8	220.9	227.7	222.3
200MB-100MB	214.3	215.9	213.7	214.8	215.9
100MB-70MB	210.7	209.8	213.6	210.7	213.6
70MB-50MB	213.2	213.2	214.2	212.2	214.2
50MB-30MB	216.7	216.0	215.4	216.0	216.0
30MB-10MB	221.7	221.4	218.9	221.1	219.6
10MB-5MB	230.1	230.5	226.2	230.5	226.0
5MB-2MB	241.1	242.0	238.2	246.0	236.0
2MB-1MB	253.0	253.1	250.3	258.3	246.9
1MB-0.4MB	258.2	257.5	256.0	260.9	252.9
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	233.78	228.58	225.75	225.09	*****
HIRS/2 BAND 2	219.92	219.98	217.38	218.86	*****
HIRS/2 BAND 3	219.00	218.48	217.33	217.39	*****
HIRS/2 BAND 4	*****	*****	227.47	*****	*****
HIRS/2 BAND 5	*****	*****	243.58	*****	*****
HIRS/2 BAND 6	*****	*****	253.84	*****	*****
HIRS/2 BAND 7	*****	*****	265.83	*****	*****
HIRS/2 BAND 8	*****	*****	279.88	*****	*****
HIRS/2 BAND 9	*****	*****	258.53	*****	*****
HIRS/2 BAND 10	*****	*****	276.05	*****	*****
HIRS/2 BAND 11	*****	*****	259.03	*****	*****
HIRS/2 BAND 12	*****	*****	241.64	*****	*****
HIRS/2 BAND 13	*****	*****	267.50	*****	*****
HIRS/2 BAND 14	*****	*****	259.47	*****	*****
HIRS/2 BAND 15	*****	*****	244.34	*****	*****
HIRS/2 BAND 16	*****	*****	258.25	*****	*****
HIRS/2 BAND 17	232.23	231.33	230.08	232.58	*****
HIRS/2 BAND 18	*****	*****	277.94	*****	*****
HIRS/2 BAND 19	*****	*****	277.58	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	269.13	269.80	265.06	269.88	234.08
MSU BAND 2	251.05	250.08	250.02	250.50	248.70
MSU BAND 3	227.55	228.88	226.58	228.89	225.38
MSU BAND 4	213.47	213.53	213.98	213.19	214.63
SSU BAND 1	224.86	224.73	222.13	224.78	222.22
SSU BAND 2	234.77	234.95	231.48	235.28	231.44
SSU BAND 3	243.14	241.42	238.30	243.28	239.05

TABLE 1. CONTINUED

OCT. 23 TO OCT. 23

DAY: HOUR: MIN	23:13:36	23:13:36	23:13:37	23:13:37	23:13:38
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	6
LATITUDE (DEG N)	44.98	45.88	42.47	43.33	40.79
LONGITUDE (DEG W)	87.59	91.43	89.00	92.71	93.91
SOLAR ZENITH (DEG)	*****	*****	*****	*****	*****
BOX SIZE LxW (KM)	309x293	309x293	309x293	309x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	223.	349.	260.	355.	312.
SURFACE TEMP (K)	286.0	286.0	290.0	285.0	291.0
SURFACE PRES (MB)	1000.	950.	1000.	950.	1000.
TROP PRES (MB)	197.	197.	106.	127.	106.
TROP TEMP (K)	218.2	215.9	210.0	213.2	210.1
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	280.4	280.7	280.9	279.8	280.6
850MB-700MB	274.2	275.6	274.5	274.5	274.3
700MB-500MB	263.5	264.4	264.0	263.8	264.0
500MB-400MB	250.2	250.6	251.1	250.8	251.2
400MB-300MB	237.2	237.3	238.8	238.1	239.1
300MB-200MB	223.5	221.9	225.6	224.8	226.3
200MB-100MB	214.9	213.8	214.7	214.9	215.2
100MB-70MB	211.7	212.6	209.8	211.7	209.8
70MB-50MB	214.2	213.2	213.2	213.2	212.2
50MB-30MB	216.0	216.0	216.0	215.4	216.0
30MB-10MB	220.8	220.2	221.4	220.5	221.1
10MB-5MB	227.2	226.3	228.0	227.3	227.7
5MB-2MB	236.9	236.3	238.3	237.8	238.7
2MB-1MB	247.4	246.7	250.0	248.4	250.7
1MB-0.4MB	252.7	252.0	254.9	253.3	255.6
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	*****
HIRS/2 BAND 2	*****	*****	*****	*****	*****
HIRS/2 BAND 3	*****	*****	*****	*****	*****
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	*****	*****
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	251.09	264.89	264.31	268.83	269.61
MSU BAND 2	249.86	250.14	250.52	250.39	250.67
MSU BAND 3	225.73	225.09	226.38	226.25	226.73
MSU BAND 4	213.84	213.75	212.97	213.53	212.98
SSU BAND 1	223.00	222.13	223.64	222.86	223.45
SSU BAND 2	231.66	231.00	232.41	232.23	232.69
SSU BAND 3	239.50	238.80	241.20	240.03	241.56

TABLE 1. CONTINUED

OCT. 23 TO OCT. 23

DAY: HOUR: MIN	23:20:11	23:20:11	23:20:12	23:20:12	23:20:12
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	40.48	41.83	43.29	43.70	45.55
LONGITUDE (DEG W)	91.19	88.41	92.86	90.98	87.35
SOLAR ZENITH (DEG)	61.62	64.05	63.09	64.27	67.41
BOX SIZE LxW (KM)	309x293	309x293	309x293	250x293	250x293
RELATIVE REFLECTANCE	*****	0.16	*****	0.31	0.07
SURFACE ALT (M)	195.	223.	360.	309.	213.
SURFACE TEMP (K)	299.0	290.0	293.0	280.0	284.0
SURFACE PRES (MB)	1000.	1000.	950.	1000.	1000.
TROP PRES (MB)	127.	143.	165.	181.	197.
TROP TEMP (K)	211.3	213.7	216.3	215.4	214.0
OZONE (DOBSON)	****	296.	****	297.	294.
CLOUD COVER (%)	***	69.	***	56.	70.
CLOUD ALT (MB)	*****	700.0	*****	700.0	700.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	14.0	*****	17.0	14.0
700MB-500MB	*****	3.0	*****	4.0	3.0
500MB-300MB	*****	1.0	*****	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	285.3	285.3	282.3	283.2	282.7
850MB-700MB	278.0	277.7	276.1	276.3	275.9
700MB-500MB	266.4	265.4	264.8	265.6	264.5
500MB-400MB	252.5	251.4	250.8	251.9	250.5
400MB-300MB	239.2	238.6	237.9	238.5	237.0
300MB-200MB	224.6	224.6	224.3	223.1	221.0
200MB-100MB	213.4	214.2	215.0	213.7	213.3
100MB-70MB	209.8	210.7	211.7	212.6	213.6
70MB-50MB	213.2	213.2	213.2	213.2	214.2
50MB-30MB	216.7	216.7	216.0	216.0	216.0
30MB-10MB	221.7	221.4	220.2	220.5	220.2
10MB-5MB	230.4	229.3	228.3	228.2	228.5
5MB-2MB	242.4	242.1	241.7	243.9	243.3
2MB-1MB	254.6	255.8	255.3	258.8	255.7
1MB-0.4MB	259.1	260.8	260.3	262.8	258.9
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	232.16	232.55	229.73	227.38	223.16
HIRS/2 BAND 2	220.19	219.92	218.63	217.86	217.58
HIRS/2 BAND 3	219.45	219.39	219.31	220.03	218.34
HIRS/2 BAND 4	*****	228.52	*****	230.17	228.64
HIRS/2 BAND 5	*****	245.88	*****	244.17	244.81
HIRS/2 BAND 6	*****	255.55	*****	254.80	254.63
HIRS/2 BAND 7	*****	268.94	*****	264.63	266.02
HIRS/2 BAND 8	*****	289.94	*****	280.19	283.53
HIRS/2 BAND 9	*****	265.67	*****	260.14	261.33
HIRS/2 BAND 10	*****	283.03	*****	276.73	278.69
HIRS/2 BAND 11	*****	258.13	*****	260.14	257.05
HIRS/2 BAND 12	*****	242.83	*****	245.06	241.41
HIRS/2 BAND 13	*****	273.63	*****	268.52	269.56
HIRS/2 BAND 14	*****	263.13	*****	259.73	260.39
HIRS/2 BAND 15	*****	245.84	*****	244.47	244.72
HIRS/2 BAND 16	*****	263.50	*****	259.88	260.70
HIRS/2 BAND 17	236.55	236.33	235.67	235.70	235.05
HIRS/2 BAND 18	*****	295.08	*****	287.88	285.91
HIRS/2 BAND 19	*****	298.05	*****	292.94	287.02
HIRS/2 BAND 20	*****	2022.75	*****	2029.38	2013.25
MSU BAND 1	273.03	265.22	271.92	271.89	246.13
MSU BAND 2	251.86	251.36	250.69	250.94	249.80
MSU BAND 3	227.69	227.66	227.72	227.38	226.64
MSU BAND 4	213.17	213.53	213.81	214.03	214.47
SSU BAND 1	225.03	224.78	223.95	224.34	223.84
SSU BAND 2	235.13	234.69	234.09	234.11	233.45
SSU BAND 3	243.53	244.05	242.50	243.72	240.77

TABLE 1. CONTINUED

OCT. 23 TO OCT. 23

DAY: HOUR: MIN	23:20:13	23:20:13	23:23:18	23:23:18	23:23:19
MONTH	10	10	10	10	10
SATELLITE NO	9	9	6	6	6
LATITUDE (DEG N)	46.08	46.29	40.63	41.52	43.12
LONGITUDE (DEG W)	92.89	89.84	91.93	88.36	93.28
SOLAR ZENITH (DEG)	65.36	66.84	*****	*****	*****
BOX SIZE LxW (KM)	250x293	250x293	309x293	309x293	250x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	342.	387.	228.	204.	355.
SURFACE TEMP (K)	292.0	292.0	289.0	290.0	289.0
SURFACE PRES (MB)	950.	950.	1000.	1000.	950.
TROP PRES (MB)	192.	197.	106.	170.	106.
TROP TEMP (K)	213.9	216.2	208.1	214.6	210.3
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	280.7	280.1	283.6	283.8	279.8
850MB-700MB	276.3	274.9	277.0	277.5	274.5
700MB-500MB	264.9	263.5	266.4	266.1	264.0
500MB-400MB	250.5	249.3	253.2	252.6	251.2
400MB-300MB	237.2	236.2	240.8	239.2	239.1
300MB-200MB	221.3	222.0	226.4	223.7	226.0
200MB-100MB	212.8	214.4	213.6	213.1	215.0
100MB-70MB	213.6	214.6	207.9	209.8	209.8
70MB-50MB	213.2	213.2	211.2	213.2	213.2
50MB-30MB	215.4	216.0	216.0	216.0	215.4
30MB-10MB	219.2	218.6	221.7	221.4	220.2
10MB-5MB	226.8	226.7	228.0	228.5	226.4
5MB-2MB	244.3	242.7	239.4	241.2	238.4
2MB-1MB	258.6	257.3	252.7	254.4	252.3
1MB-0.4MB	261.4	261.5	257.6	258.6	258.0
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	219.92	226.05	*****	*****	*****
HIRS/2 BAND 2	217.45	218.14	*****	*****	*****
HIRS/2 BAND 3	217.06	217.61	*****	*****	*****
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	234.66	234.63	*****	*****	*****
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	267.84	259.64	269.22	266.84	269.02
MSU BAND 2	250.31	249.47	252.19	251.67	250.63
MSU BAND 3	226.77	226.89	226.61	225.69	226.55
MSU BAND 4	213.88	214.33	212.08	212.95	212.94
SSU BAND 1	222.88	223.09	223.89	224.05	222.88
SSU BAND 2	232.39	233.22	232.92	233.77	232.25
SSU BAND 3	241.22	242.20	242.88	244.13	242.41

TABLE 1. CONTINUED

OCT. 23 TO OCT. 24

DAY: HOUR: MIN	23: 23: 19	24: 8: 32	24: 8: 32	24: 8: 34	24: 13: 12
MONTH	10	10	10	10	10
SATELLITE NO	6	9	9	9	6
LATITUDE (DEG N)	44.05	45.65	44.16	40.48	45.91
LONGITUDE (DEG W)	89.59	86.53	86.80	89.19	89.53
SOLAR ZENITH (DEG)	*****	90.00	90.00	90.00	*****
BOX SIZE LxW (KM)	250x293	250x293	309x293	309x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	313.	186.	158.	201.	438.
SURFACE TEMP (K)	290.0	283.0	282.0	287.0	284.0
SURFACE PRES (MB)	1000.	1000.	1000.	1000.	950.
TROP PRES (MB)	187.	192.	165.	138.	192.
TROP TEMP (K)	215.3	213.4	214.0	210.7	215.1
OZONE (DOBSON)	****	283.	294.	****	****
CLOUD COVER (%)	***	77.	68.	***	***
CLOUD ALT (MB)	*****	742.9	700.0	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	11.0	14.0	*****	*****
700MB-500MB	*****	3.0	4.0	*****	*****
500MB-300MB	*****	1.0	1.0	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	283.4	281.5	281.7	282.7	281.1
850MB-700MB	277.1	275.9	275.7	277.1	275.7
700MB-500MB	265.8	265.3	264.7	266.7	264.8
500MB-400MB	252.0	251.2	250.8	252.8	250.9
400MB-300MB	238.6	237.6	237.8	240.0	237.6
300MB-200MB	222.9	221.4	223.2	225.0	221.9
200MB-100MB	212.9	212.0	212.8	212.0	212.7
100MB-70MB	211.7	211.7	210.7	207.9	212.6
70MB-50MB	213.2	213.2	213.2	211.2	213.2
50MB-30MB	216.0	216.0	216.0	216.0	214.7
30MB-10MB	220.8	220.5	221.1	222.0	218.9
10MB-5MB	226.5	228.5	229.1	232.5	223.4
5MB-2MB	239.2	240.5	241.5	248.3	235.3
2MB-1MB	254.7	250.8	252.7	257.4	250.2
1MB-0.4MB	260.5	255.2	256.7	258.2	257.1
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	226.22	225.36	221.78	*****
HIRS/2 BAND 2	*****	217.56	217.42	217.34	*****
HIRS/2 BAND 3	*****	216.42	218.72	215.58	*****
HIRS/2 BAND 4	*****	226.75	228.92	*****	*****
HIRS/2 BAND 5	*****	243.67	243.00	*****	*****
HIRS/2 BAND 6	*****	253.45	253.70	*****	*****
HIRS/2 BAND 7	*****	265.92	264.86	*****	*****
HIRS/2 BAND 8	*****	282.50	281.70	*****	*****
HIRS/2 BAND 9	*****	260.88	259.91	*****	*****
HIRS/2 BAND 10	*****	277.44	276.91	*****	*****
HIRS/2 BAND 11	*****	257.66	257.94	*****	*****
HIRS/2 BAND 12	*****	244.55	244.20	*****	*****
HIRS/2 BAND 13	*****	268.38	268.30	*****	*****
HIRS/2 BAND 14	*****	259.42	259.52	*****	*****
HIRS/2 BAND 15	*****	244.02	244.09	*****	*****
HIRS/2 BAND 16	*****	256.17	256.39	*****	*****
HIRS/2 BAND 17	*****	229.72	229.72	231.38	*****
HIRS/2 BAND 18	*****	283.38	282.25	*****	*****
HIRS/2 BAND 19	*****	283.36	281.91	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	263.03	242.39	250.89	267.64	261.11
MSU BAND 2	251.27	250.08	250.16	251.56	250.13
MSU BAND 3	225.41	226.14	226.64	227.63	224.78
MSU BAND 4	213.25	213.13	212.67	211.98	213.00
SSU BAND 1	223.34	222.97	223.58	224.97	220.75
SSU BAND 2	232.31	232.16	232.88	234.89	229.52
SSU BAND 3	244.11	239.61	240.28	242.77	240.41

TABLE 1. CONTINUED

OCT. 24 TO OCT. 24

DAY: HOUR: MIN	24:13:12	24:13:13	24:13:13	24:13:13	24:13:13
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	6
LATITUDE (DEG N)	46.38	42.65	43.34	43.78	40.09
LONGITUDE (DEG W)	92.60	86.96	90.66	93.59	88.13
SOLAR ZENITH (DEG)	*****	*****	*****	*****	*****
BOX SIZE LxW (KM)	518x293	518x293	518x293	250x293	250x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	353.	147.	299.	348.	205.
SURFACE TEMP (K)	287.0	290.0	290.0	285.0	291.0
SURFACE PRES (MB)	950.	1000.	1000.	950.	1000.
TROP PRES (MB)	192.	138.	170.	187.	127.
TROP TEMP (K)	215.8	210.8	214.8	217.3	209.5
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	280.1	283.6	282.3	279.5	284.6
850MB-700MB	275.2	277.3	276.1	274.5	278.2
700MB-500MB	264.2	266.2	265.2	263.7	267.1
500MB-400MB	250.6	252.8	251.7	250.3	253.7
400MB-300MB	237.4	239.2	238.6	237.6	240.5
300MB-200MB	222.4	223.2	223.5	223.5	224.5
200MB-100MB	213.3	211.9	213.0	214.6	211.4
100MB-70MB	211.7	209.8	210.7	211.7	208.8
70MB-50MB	213.2	211.2	213.2	213.2	211.2
50MB-30MB	215.4	215.4	215.4	215.4	215.4
30MB-10MB	218.3	220.2	219.6	218.6	221.4
10MB-5MB	223.6	225.6	224.7	223.7	227.1
5MB-2MB	236.1	237.6	236.9	236.4	239.1
2MB-1MB	250.3	251.1	252.2	252.1	253.1
1MB-0.4MB	256.6	256.4	258.7	259.1	258.2
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	*****
HIRS/2 BAND 2	*****	*****	*****	*****	*****
HIRS/2 BAND 3	*****	*****	*****	*****	*****
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	*****	*****
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	264.63	254.13	269.42	269.08	268.28
MSU BAND 2	249.80	251.22	250.73	249.88	252.13
MSU BAND 3	224.88	225.02	225.36	225.58	225.53
MSU BAND 4	212.97	211.86	212.66	213.33	211.48
SSU BAND 1	220.61	221.63	221.77	221.28	222.86
SSU BAND 2	230.02	230.91	230.77	230.52	232.20
SSU BAND 3	240.42	241.14	242.00	241.84	242.80

TABLE 1. CONTINUED

OCT. 24 TO OCT. 24

DAY: HOUR: MIN	24:13:14	24:20: 1	24:20: 1	24:20: 1	24:20: 1
MONTH	10	10	10	10	10
SATELLITE NO	6	9	9	9	9
LATITUDE (DEG N)	40.75	42.56	43.32	43.20	44.82
LONGITUDE (DEG W)	91.69	91.69	90.13	86.91	92.31
SOLAR ZENITH (DEG)	****	62.13	63.44	64.83	63.75
BOX SIZE LxW (KM)	250x293	518x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	****	0.76	0.47	0.34	****
SURFACE ALT (M)	220.	300.	289.	150.	309.
SURFACE TEMP (K)	291.0	285.0	278.0	282.0	287.0
SURFACE PRES (MB)	1000.	1000.	1000.	1000.	1000.
TROP PRES (MB)	127.	149.	160.	165.	170.
TROP TEMP (K)	211.3	213.0	211.6	212.3	215.3
OZONE (DOBSON)	***	273.	274.	284.	***
CLOUD COVER (%)	***	71.	88.	28.	***
CLOUD ALT (MB)	****	299.3	475.0	700.0	****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	****	19.0	16.0	15.0	****
700MB-500MB	****	4.0	4.0	4.0	****
500MB-300MB	****	1.0	1.0	1.0	****
TEMPERATURE (K)					
SURFACE-850MB	283.2	283.8	280.6	283.2	280.6
850MB-700MB	276.8	276.3	275.0	277.5	275.0
700MB-500MB	265.8	265.6	265.9	266.4	264.1
500MB-400MB	252.5	251.2	252.3	252.3	250.2
400MB-300MB	239.7	238.8	239.4	239.3	237.4
300MB-200MB	224.7	225.1	223.5	223.3	223.5
200MB-100MB	213.3	212.9	211.3	211.4	213.7
100MB-70MB	209.8	210.7	210.7	209.8	211.7
70MB-50MB	212.2	212.2	212.2	212.2	213.2
50MB-30MB	216.0	215.4	215.4	216.0	215.4
30MB-10MB	220.5	219.9	219.9	220.5	218.3
10MB-5MB	226.6	227.4	226.8	228.2	225.0
5MB-2MB	238.8	244.0	245.8	242.3	240.6
2MB-1MB	252.9	257.6	261.1	253.8	255.7
1MB-0.4MB	258.4	260.9	263.7	257.6	260.9
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	222.38	220.38	224.75	224.75
HIRS/2 BAND 2	*****	215.81	215.20	216.39	216.75
HIRS/2 BAND 3	*****	217.25	216.88	215.92	217.36
HIRS/2 BAND 4	*****	232.67	230.41	227.77	*****
HIRS/2 BAND 5	*****	242.94	243.34	243.44	*****
HIRS/2 BAND 6	*****	256.86	254.33	253.67	*****
HIRS/2 BAND 7	*****	266.84	262.86	264.56	*****
HIRS/2 BAND 8	*****	285.42	277.45	281.95	*****
HIRS/2 BAND 9	*****	266.05	260.38	259.14	*****
HIRS/2 BAND 10	*****	281.19	274.03	275.33	*****
HIRS/2 BAND 11	*****	255.81	255.70	252.98	*****
HIRS/2 BAND 12	*****	233.45	236.19	234.78	*****
HIRS/2 BAND 13	*****	271.42	266.36	267.56	*****
HIRS/2 BAND 14	*****	262.36	258.25	259.34	*****
HIRS/2 BAND 15	*****	245.20	244.05	244.64	*****
HIRS/2 BAND 16	*****	261.42	258.16	259.69	*****
HIRS/2 BAND 17	*****	234.45	234.48	234.20	233.78
HIRS/2 BAND 18	*****	295.23	283.03	286.41	*****
HIRS/2 BAND 19	*****	306.63	290.92	292.75	*****
HIRS/2 BAND 20	*****	2040.31	2034.31	2030.25	*****
MSU BAND 1	271.63	269.84	268.14	238.41	268.31
MSU BAND 2	251.55	250.33	250.28	250.63	249.72
MSU BAND 3	225.98	227.55	227.25	226.72	227.13
MSU BAND 4	212.56	212.70	212.69	212.09	213.03
SSU BAND 1	222.91	222.77	222.78	222.66	221.61
SSU BAND 2	232.25	232.56	232.44	231.92	231.33
SSU BAND 3	242.80	241.58	242.77	240.83	240.77

TABLE 1. CONTINUED

OCT. 24 TO OCT. 24

DAY: HOUR: MIN	24:20: 1	24:20: 2	24:22:54	24:22:54	24:22:55
MONTH	10	10	10	10	10
SATELLITE NO	9	9	6	6	6
LATITUDE (DEG N)	46.26	46.38	41.32	43.80	46.26
LONGITUDE (DEG W)	87.46	90.72	86.19	87.58	89.10
SOLAR ZENITH (DEG)	66.98	65.70	*****	*****	*****
BOX SIZE LxW (KM)	518x293	309x293	309x293	309x293	250x293
RELATIVE REFLECTANCE	0.07	*****	*****	*****	*****
SURFACE ALT (M)	255.	329.	237.	192.	395.
SURFACE TEMP (K)	281.0	280.0	290.0	288.0	282.0
SURFACE PRES (MB)	1000.	950.	1000.	1000.	950.
TROP PRES (MB)	181.	181.	106.	111.	106.
TROP TEMP (K)	213.3	214.7	205.9	208.4	207.9
OZONE (DOBSON)	275.	****	****	****	****
CLOUD COVER (%)	29.	***	***	***	***
CLOUD ALT (MB)	850.0	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	12.0	*****	*****	*****	*****
700MB-500MB	2.0	*****	*****	*****	*****
500MB-300MB	1.0	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	281.3	278.9	284.6	282.7	280.7
850MB-700MB	276.1	275.0	278.4	276.8	275.4
700MB-500MB	265.0	264.2	267.5	266.0	265.1
500MB-400MB	250.6	250.2	254.5	252.9	252.3
400MB-300MB	237.5	237.2	241.7	240.1	239.5
300MB-200MB	222.1	222.5	226.0	225.3	225.1
200MB-100MB	212.4	213.2	211.5	212.6	212.6
100MB-70MB	211.7	211.7	205.9	207.9	208.8
70MB-50MB	213.2	213.2	210.2	211.2	210.2
50MB-30MB	214.7	214.7	215.4	214.7	214.7
30MB-10MB	218.9	218.0	220.8	220.2	219.9
10MB-5MB	226.1	224.1	225.4	225.6	223.7
5MB-2MB	243.3	242.3	237.5	237.0	235.3
2MB-1MB	256.4	258.1	254.1	248.9	250.2
1MB-0.4MB	259.6	262.0	260.5	253.9	256.7
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	219.09	218.72	*****	*****	*****
HIRS/2 BAND 2	216.02	215.05	*****	*****	*****
HIRS/2 BAND 3	214.83	216.44	*****	*****	*****
HIRS/2 BAND 4	227.86	*****	*****	*****	*****
HIRS/2 BAND 5	244.09	*****	*****	*****	*****
HIRS/2 BAND 6	253.77	*****	*****	*****	*****
HIRS/2 BAND 7	266.13	*****	*****	*****	*****
HIRS/2 BAND 8	280.52	*****	*****	*****	*****
HIRS/2 BAND 9	259.78	*****	*****	*****	*****
HIRS/2 BAND 10	277.16	*****	*****	*****	*****
HIRS/2 BAND 11	260.05	*****	*****	*****	*****
HIRS/2 BAND 12	242.97	*****	*****	*****	*****
HIRS/2 BAND 13	268.20	*****	*****	*****	*****
HIRS/2 BAND 14	259.55	*****	*****	*****	*****
HIRS/2 BAND 15	244.39	*****	*****	*****	*****
HIRS/2 BAND 16	259.92	*****	*****	*****	*****
HIRS/2 BAND 17	233.03	233.23	*****	*****	*****
HIRS/2 BAND 18	285.41	*****	*****	*****	*****
HIRS/2 BAND 19	288.97	*****	*****	*****	*****
HIRS/2 BAND 20	2013.56	*****	*****	*****	*****
MSU BAND 1	246.00	259.33	262.72	241.66	254.11
MSU BAND 2	249.94	249.58	252.38	251.33	250.44
MSU BAND 3	226.56	226.88	225.80	225.70	225.44
MSU BAND 4	213.06	212.92	210.44	211.36	211.16
SSU BAND 1	221.72	221.00	221.95	221.22	220.47
SSU BAND 2	231.17	230.45	231.25	230.45	229.41
SSU BAND 3	239.86	240.02	242.92	239.59	240.06

TABLE 1. CONTINUED

OCT. 25 TO OCT. 25

DAY: HOUR: MIN	25: 0:35	25: 0:36	25: 8:22	25:10: 2	25:10: 2
MONTH	10	10	10	10	10
SATELLITE NO	6	6	9	9	9
LATITUDE (DEG N)	44.00	46.63	42.70	47.00	46.37
LONGITUDE (DEG W)	91.80	92.33	86.09	86.43	90.63
SOLAR ZENITH (DEG)	*****	*****	90.00	90.00	90.00
BOX SIZE LxW (KM)	518x293	518x293	309x293	518x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	318.	365.	185.	147.	336.
SURFACE TEMP (K)	288.0	286.0	287.0	280.0	282.0
SURFACE PRES (MB)	1000.	950.	1000.	1000.	950.
TROP PRES (MB)	116.	127.	106.	154.	165.
TROP TEMP (K)	210.3	210.9	206.4	210.9	212.5
OZONE (DOBSON)	****	****	****	270.	****
CLOUD COVER (%)	***	***	***	14.	***
CLOUD ALT (MB)	*****	*****	*****	850.0	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	10.0	*****
700MB-500MB	*****	*****	*****	2.0	*****
500MB-300MB	*****	*****	*****	1.0	*****
TEMPERATURE (K)					
SURFACE-850MB	281.3	281.1	281.5	280.0	279.2
850MB-700MB	275.2	275.6	276.4	275.2	275.4
700MB-500MB	264.7	265.1	266.2	265.1	264.9
500MB-400MB	251.9	252.0	252.5	250.5	250.5
400MB-300MB	239.3	239.1	239.8	237.4	237.4
300MB-200MB	225.3	224.3	225.5	222.5	222.2
200MB-100MB	213.8	212.8	211.6	210.8	211.7
100MB-70MB	209.8	209.8	207.9	209.8	209.8
70MB-50MB	211.2	212.2	210.2	211.2	212.2
50MB-30MB	215.4	214.7	216.0	215.4	215.4
30MB-10MB	218.9	218.9	221.1	217.7	218.0
10MB-5MB	223.5	222.6	229.5	223.1	224.9
5MB-2MB	236.1	234.3	243.2	239.3	237.2
2MB-1MB	252.0	250.0	252.7	252.9	248.0
1MB-0.4MB	258.8	257.4	256.2	257.9	253.8
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	224.61	217.17	221.39
HIRS/2 BAND 2	*****	*****	216.03	213.92	215.03
HIRS/2 BAND 3	*****	*****	215.86	214.06	216.16
HIRS/2 BAND 4	*****	*****	*****	226.05	*****
HIRS/2 BAND 5	*****	*****	*****	243.67	*****
HIRS/2 BAND 6	*****	*****	*****	252.05	*****
HIRS/2 BAND 7	*****	*****	*****	265.17	*****
HIRS/2 BAND 8	*****	*****	*****	279.47	*****
HIRS/2 BAND 9	*****	*****	*****	258.83	*****
HIRS/2 BAND 10	*****	*****	*****	275.02	*****
HIRS/2 BAND 11	*****	*****	*****	259.22	*****
HIRS/2 BAND 12	*****	*****	*****	244.63	*****
HIRS/2 BAND 13	*****	*****	*****	266.73	*****
HIRS/2 BAND 14	*****	*****	*****	258.31	*****
HIRS/2 BAND 15	*****	*****	*****	243.53	*****
HIRS/2 BAND 16	*****	*****	*****	256.77	*****
HIRS/2 BAND 17	*****	*****	229.58	227.83	227.30
HIRS/2 BAND 18	*****	*****	*****	280.27	*****
HIRS/2 BAND 19	*****	*****	*****	280.00	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	263.61	256.75	252.13	233.63	258.30
MSU BAND 2	250.58	250.55	250.77	249.95	249.45
MSU BAND 3	225.88	225.41	227.28	226.41	226.16
MSU BAND 4	212.00	211.88	211.05	211.39	211.66
SSU BAND 1	220.78	220.09	222.77	218.95	219.48
SSU BAND 2	230.11	228.86	232.28	228.20	229.08
SSU BAND 3	241.41	239.91	240.73	236.92	235.86

TABLE 1. CONTINUED

OCT. 25 TO OCT. 25

DAY: HOUR: MIN	25:10: 3	25:10: 3	25:10: 3	25:10: 3	25:12:49
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	6
LATITUDE (DEG N)	43.98	40.31	41.62	43.80	43.43
LONGITUDE (DEG W)	88.97	88.74	90.86	93.80	90.61
SOLAR ZENITH (DEG)	90.00	90.00	90.00	90.00	*****
BOX SIZE LxW (KM)	518x293	518x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	285.	204.	226.	349.	306.
SURFACE TEMP (K)	288.0	287.0	289.0	279.0	284.0
SURFACE PRES (MB)	1000.	1000.	1000.	950.	1000.
TROP PRES (MB)	149.	100.	106.	154.	133.
TROP TEMP (K)	211.5	205.5	207.8	213.8	212.3
OZONE (DOBSON)	****	****	****	293.	****
CLOUD COVER (%)	***	***	***	79.	***
CLOUD ALT (MB)	*****	*****	*****	616.5	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	10.0	*****
700MB-500MB	*****	*****	*****	3.0	*****
500MB-300MB	*****	*****	*****	1.0	*****
TEMPERATURE (K)					
SURFACE-850MB	279.8	281.3	280.6	279.5	279.8
850MB-700MB	275.2	275.7	275.2	275.0	273.8
700MB-500MB	265.3	266.1	265.1	264.6	263.7
500MB-400MB	251.2	252.8	251.9	250.8	250.8
400MB-300MB	238.7	241.1	239.7	238.0	238.3
300MB-200MB	224.0	228.2	227.0	223.9	224.6
200MB-100MB	211.6	213.2	213.6	213.5	213.7
100MB-70MB	208.8	206.9	208.8	210.7	209.8
70MB-50MB	212.2	211.2	211.2	212.2	211.2
50MB-30MB	214.7	215.4	216.0	215.4	214.7
30MB-10MB	219.2	220.8	219.6	218.0	219.6
10MB-5MB	226.5	230.3	227.7	225.9	224.8
5MB-2MB	241.2	242.5	239.7	237.9	236.3
2MB-1MB	252.4	251.0	250.3	249.0	247.7
1MB-0.4MB	256.2	254.8	255.5	254.9	252.8
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	218.06	226.05	225.69	225.11	*****
HIRS/2 BAND 2	214.59	216.25	216.31	214.83	*****
HIRS/2 BAND 3	216.03	217.56	217.58	217.98	*****
HIRS/2 BAND 4	*****	*****	*****	228.19	*****
HIRS/2 BAND 5	*****	*****	*****	243.00	*****
HIRS/2 BAND 6	*****	*****	*****	252.94	*****
HIRS/2 BAND 7	*****	*****	*****	263.52	*****
HIRS/2 BAND 8	*****	*****	*****	278.95	*****
HIRS/2 BAND 9	*****	*****	*****	257.75	*****
HIRS/2 BAND 10	*****	*****	*****	273.41	*****
HIRS/2 BAND 11	*****	*****	*****	254.91	*****
HIRS/2 BAND 12	*****	*****	*****	238.44	*****
HIRS/2 BAND 13	*****	*****	*****	265.75	*****
HIRS/2 BAND 14	*****	*****	*****	257.72	*****
HIRS/2 BAND 15	*****	*****	*****	243.19	*****
HIRS/2 BAND 16	*****	*****	*****	257.67	*****
HIRS/2 BAND 17	229.63	230.98	230.59	229.69	*****
HIRS/2 BAND 18	*****	*****	*****	276.30	*****
HIRS/2 BAND 19	*****	*****	*****	276.19	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	260.39	261.58	264.36	267.53	265.86
MSU BAND 2	250.02	251.22	250.58	249.72	249.45
MSU BAND 3	226.92	228.47	228.16	227.25	225.36
MSU BAND 4	211.39	211.16	211.84	212.33	211.86
SSU BAND 1	220.97	223.25	222.14	220.77	220.53
SSU BAND 2	230.36	233.00	231.67	230.52	229.88
SSU BAND 3	237.58	240.31	239.02	237.56	238.67

TABLE 1. CONTINUED

OCT. 25 TO OCT. 25

DAY: HOUR: MIN	25:12:49	25:12:49	25:19:50	25:19:50	25:19:50
MONTH	10	10	10	10	10
SATELLITE NO	6	6	9	9	9
LATITUDE (DEG N)	40.48	40.81	40.49	41.29	41.91
LONGITUDE (DEG W)	88.67	91.40	92.46	89.42	86.74
SOLAR ZENITH (DEG)	*****	*****	59.21	61.19	62.91
BOX SIZE LxW (KM)	518x293	518x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	217.	205.	247.	208.	190.
SURFACE TEMP (K)	290.0	290.0	290.0	280.0	286.0
SURFACE PRES (MB)	1000.	1000.	1000.	1000.	1000.
TROP PRES (MB)	100.	106.	100.	106.	106.
TROP TEMP (K)	207.4	209.5	207.8	207.8	207.0
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	281.5	279.8	277.3	280.9	282.1
850MB-700MB	275.6	273.8	271.9	275.0	276.8
700MB-500MB	265.1	263.8	262.7	265.0	266.3
500MB-400MB	252.5	251.1	250.2	252.0	252.8
400MB-300MB	240.1	239.1	239.8	240.2	240.0
300MB-200MB	226.2	226.2	230.0	228.3	225.8
200MB-100MB	213.4	214.8	216.2	214.5	211.9
100MB-70MB	207.9	208.8	208.8	207.9	208.8
70MB-50MB	211.2	212.2	211.2	211.2	211.2
50MB-30MB	215.4	214.7	215.4	216.0	215.4
30MB-10MB	220.5	219.9	219.2	219.2	220.2
10MB-5MB	227.2	226.6	227.1	226.8	227.0
5MB-2MB	239.0	238.0	240.6	240.7	243.7
2MB-1MB	249.4	248.0	253.5	254.1	258.0
1MB-0.4MB	253.2	252.2	258.9	259.5	261.8
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	226.73	227.70	223.86
HIRS/2 BAND 2	*****	*****	217.64	216.95	216.00
HIRS/2 BAND 3	*****	*****	217.73	218.17	217.03
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	235.33	234.95	234.53
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	266.41	266.36	264.73	264.95	263.41
MSU BAND 2	250.91	250.05	249.53	250.80	251.20
MSU BAND 3	226.09	226.23	229.38	228.67	227.64
MSU BAND 4	211.53	212.19	212.44	211.89	211.33
SSU BAND 1	222.11	221.72	222.42	222.19	222.30
SSU BAND 2	231.78	231.44	232.66	232.39	232.42
SSU BAND 3	240.22	239.30	240.58	241.27	242.36

TABLE 1. CONTINUED

OCT. 25 TO OCT. 26

DAY: HOUR: MIN	25:19:50	25:19:51	25:19:51	26: 0:10	26: 0:10
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	6	6
LATITUDE (DEG N)	44.34	44.63	47.36	42.08	42.51
LONGITUDE (DEG W)	86.57	90.55	90.92	91.89	88.57
SOLAR ZENITH (DEG)	64.95	63.52	65.70	****	****
BOX SIZE LxW (KM)	518x293	518x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	****	****	0.06	****	****
SURFACE ALT (M)	126.	334.	308.	277.	261.
SURFACE TEMP (K)	281.0	284.0	281.0	288.0	290.0
SURFACE PRES (MB)	1000.	950.	1000.	1000.	1000.
TROP PRES (MB)	138.	106.	165.	122.	116.
TROP TEMP (K)	211.2	208.1	212.6	211.6	209.3
OZONE (DOBSON)	****	****	277.	****	****
CLOUD COVER (%)	***	***	46.	***	***
CLOUD ALT (MB)	****	****	652.2	****	****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	****	****	12.0	****	****
700MB-500MB	****	****	3.0	****	****
500MB-300MB	****	****	1.0	****	****
TEMPERATURE (K)					
SURFACE-850MB	281.9	279.5	282.3	280.6	282.5
850MB-700MB	276.4	275.0	276.3	274.5	276.3
700MB-500MB	265.9	264.9	265.2	264.2	265.9
500MB-400MB	252.0	251.2	250.8	251.4	252.9
400MB-300MB	239.2	238.8	237.6	238.8	240.4
300MB-200MB	224.6	225.7	222.7	225.4	225.8
200MB-100MB	212.1	213.3	211.6	214.7	213.0
100MB-70MB	209.8	208.8	210.7	210.7	208.8
70MB-50MB	211.2	212.2	212.2	211.2	211.2
50MB-30MB	215.4	215.4	214.7	214.7	214.7
30MB-10MB	218.9	218.6	217.4	218.0	218.9
10MB-5MB	225.4	224.2	222.0	225.7	225.0
5MB-2MB	240.9	237.3	238.5	239.2	238.5
2MB-1MB	254.6	251.9	254.6	249.1	251.7
1MB-0.4MB	259.5	258.7	260.7	252.9	256.6
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	224.52	227.78	223.05	*****	*****
HIRS/2 BAND 2	215.95	216.48	215.39	*****	*****
HIRS/2 BAND 3	215.83	217.69	214.83	*****	*****
HIRS/2 BAND 4	*****	*****	225.64	*****	*****
HIRS/2 BAND 5	*****	*****	243.14	*****	*****
HIRS/2 BAND 6	*****	*****	252.39	*****	*****
HIRS/2 BAND 7	*****	*****	264.72	*****	*****
HIRS/2 BAND 8	*****	*****	281.44	*****	*****
HIRS/2 BAND 9	*****	*****	259.19	*****	*****
HIRS/2 BAND 10	*****	*****	276.06	*****	*****
HIRS/2 BAND 11	*****	*****	254.88	*****	*****
HIRS/2 BAND 12	*****	*****	238.81	*****	*****
HIRS/2 BAND 13	*****	*****	267.50	*****	*****
HIRS/2 BAND 14	*****	*****	258.80	*****	*****
HIRS/2 BAND 15	*****	*****	243.88	*****	*****
HIRS/2 BAND 16	*****	*****	258.31	*****	*****
HIRS/2 BAND 17	233.41	233.67	233.17	*****	*****
HIRS/2 BAND 18	*****	*****	282.78	*****	*****
HIRS/2 BAND 19	*****	*****	284.16	*****	*****
HIRS/2 BAND 20	*****	*****	2011.25	*****	*****
MSU BAND 1	248.05	266.91	249.17	265.41	264.61
MSU BAND 2	250.66	250.06	249.75	250.38	251.38
MSU BAND 3	227.17	227.48	226.52	226.11	226.02
MSU BAND 4	211.70	211.73	211.83	212.53	211.48
SSU BAND 1	220.84	220.47	219.00	220.63	220.78
SSU BAND 2	230.86	230.31	228.83	231.89	231.14
SSU BAND 3	240.45	239.56	239.27	239.72	241.27

TABLE 1. CONTINUED

OCT. 26 TO OCT. 26

DAY: HOUR: MIN	26: 0:11	26: 0:11	26: 0:11	26: 9:51	26: 9:52
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	9	9
LATITUDE (DEG N)	46.59	47.03	47.34	47.29	42.85
LONGITUDE (DEG W)	93.33	89.76	86.39	88.88	88.64
SOLAR ZENITH (DEG)	*****	*****	*****	90.00	90.00
BOX SIZE LxW (KM)	518x293	518x293	518x293	250x293	250x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	385.	222.	117.	170.	253.
SURFACE TEMP (K)	281.0	279.0	277.0	274.0	275.0
SURFACE PRES (MB)	950.	1000.	1000.	1000.	1000.
TROP PRES (MB)	133.	133.	133.	176.	122.
TROP TEMP (K)	211.1	209.9	209.3	212.8	209.9
OZONE (DOBSON)	****	****	****	287.	287.
CLOUD COVER (%)	***	***	***	63.	71.
CLOUD ALT (MB)	*****	*****	*****	700.0	669.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	14.0	14.0
700MB-500MB	*****	*****	*****	4.0	3.0
500MB-300MB	*****	*****	*****	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	280.4	282.5	282.7	280.2	280.2
850MB-700MB	275.4	276.3	276.8	275.9	275.6
700MB-500MB	264.6	265.5	266.0	264.9	266.1
500MB-400MB	251.4	252.2	252.8	250.5	252.5
400MB-300MB	238.2	238.8	239.5	236.9	239.8
300MB-200MB	223.0	223.1	223.8	221.4	225.5
200MB-100MB	212.5	211.7	211.4	211.5	212.7
100MB-70MB	210.7	209.8	208.8	210.7	209.8
70MB-50MB	212.2	211.2	210.2	212.2	212.2
50MB-30MB	214.7	214.0	214.0	215.4	215.4
30MB-10MB	217.7	218.0	218.3	217.7	218.6
10MB-5MB	222.3	223.5	222.3	221.7	224.7
5MB-2MB	235.4	237.2	236.3	235.8	238.5
2MB-1MB	250.0	249.3	251.1	252.0	253.4
1MB-0.4MB	256.5	254.1	257.1	259.1	259.7
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	223.28	227.64
HIRS/2 BAND 2	*****	*****	*****	215.50	216.47
HIRS/2 BAND 3	*****	*****	*****	216.81	218.34
HIRS/2 BAND 4	*****	*****	*****	226.58	228.75
HIRS/2 BAND 5	*****	*****	*****	242.20	243.48
HIRS/2 BAND 6	*****	*****	*****	251.59	254.19
HIRS/2 BAND 7	*****	*****	*****	261.53	262.89
HIRS/2 BAND 8	*****	*****	*****	273.70	275.20
HIRS/2 BAND 9	*****	*****	*****	254.48	257.28
HIRS/2 BAND 10	*****	*****	*****	269.06	272.94
HIRS/2 BAND 11	*****	*****	*****	253.27	260.47
HIRS/2 BAND 12	*****	*****	*****	237.55	245.44
HIRS/2 BAND 13	*****	*****	*****	262.77	264.81
HIRS/2 BAND 14	*****	*****	*****	256.00	257.34
HIRS/2 BAND 15	*****	*****	*****	242.64	243.41
HIRS/2 BAND 16	*****	*****	*****	256.08	256.77
HIRS/2 BAND 17	*****	*****	*****	227.70	231.05
HIRS/2 BAND 18	*****	*****	*****	269.78	274.22
HIRS/2 BAND 19	*****	*****	*****	269.34	273.78
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	263.72	239.36	236.11	242.05	263.08
MSU BAND 2	249.92	250.36	250.67	248.98	250.27
MSU BAND 3	224.81	224.59	224.73	226.08	227.78
MSU BAND 4	211.95	211.25	210.69	211.83	212.05
SSU BAND 1	219.17	218.91	218.48	218.98	221.08
SSU BAND 2	228.97	229.38	228.83	228.30	231.05
SSU BAND 3	239.70	239.17	240.08	237.66	240.34

TABLE 1. CONTINUED

OCT. 26 TO OCT. 26

DAY: HOUR: MIN	26: 9:52	26: 9:52	26: 9:52	26: 9:53	26: 9:53
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	45.57	45.97	45.38	40.44	43.27
LONGITUDE (DEG W)	90.21	92.46	93.82	90.32	92.88
SOLAR ZENITH (DEG)	90.00	90.00	90.00	90.00	90.00
BOX SIZE LxW (KM)	250x293	250x293	250x293	250x293	250x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	433.	327.	328.	190.	357.
SURFACE TEMP (K)	276.0	276.0	274.0	*****	*****
SURFACE PRES (MB)	950.	950.	950.	1000.	950.
TROP PRES (MB)	160.	165.	160.	106.	154.
TROP TEMP (K)	212.9	213.1	212.7	209.2	212.9
OZONE (DOBSON)	283.	272.	281.	292.	279.
CLOUD COVER (%)	99.	88.	43.	85.	57.
CLOUD ALT (MB)	522.2	637.5	700.0	551.8	622.8
PRECIPITABLE WATER (MM)					
SURFACE-700MB	12.0	9.0	11.0	16.0	13.0
700MB-500MB	4.0	3.0	3.0	4.0	5.0
500MB-300MB	1.0	1.0	1.0	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	281.4	280.7	279.2	*****	*****
850MB-700MB	276.4	276.1	275.0	*****	*****
700MB-500MB	265.1	265.0	265.1	*****	*****
500MB-400MB	250.8	250.5	250.9	*****	*****
400MB-300MB	237.9	237.6	238.1	*****	*****
300MB-200MB	223.4	223.1	223.3	*****	*****
200MB-100MB	212.4	212.5	212.1	*****	*****
100MB-70MB	209.8	209.8	210.7	209.8	210.7
70MB-50MB	212.2	212.2	212.2	212.2	213.2
50MB-30MB	215.4	215.4	215.4	215.4	214.7
30MB-10MB	218.0	217.4	217.7	219.2	217.4
10MB-5MB	224.0	223.7	223.7	225.8	225.4
5MB-2MB	237.0	238.0	237.6	241.3	240.3
2MB-1MB	249.8	249.8	250.8	257.1	252.7
1MB-0.4MB	256.2	255.8	257.0	262.2	257.8
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	224.70	223.80	223.48	224.75	223.89
HIRS/2 BAND 2	214.86	214.78	214.86	217.86	215.13
HIRS/2 BAND 3	216.89	213.66	216.05	218.47	216.27
HIRS/2 BAND 4	228.25	226.19	227.81	229.95	228.48
HIRS/2 BAND 5	243.70	243.23	242.38	243.28	242.39
HIRS/2 BAND 6	253.03	251.45	251.73	253.56	251.75
HIRS/2 BAND 7	263.13	263.70	262.05	262.23	260.66
HIRS/2 BAND 8	275.92	276.14	273.47	273.80	273.33
HIRS/2 BAND 9	257.08	256.13	255.08	255.42	256.02
HIRS/2 BAND 10	272.14	271.22	270.55	270.58	270.55
HIRS/2 BAND 11	254.11	254.91	255.22	254.08	251.55
HIRS/2 BAND 12	237.41	238.58	236.80	238.27	237.16
HIRS/2 BAND 13	265.23	264.53	263.30	264.06	263.64
HIRS/2 BAND 14	257.81	257.25	256.23	256.47	256.41
HIRS/2 BAND 15	243.47	243.16	242.91	243.16	242.75
HIRS/2 BAND 16	257.92	257.52	256.84	255.92	256.61
HIRS/2 BAND 17	228.14	227.50	226.88	231.92	229.77
HIRS/2 BAND 18	272.31	274.89	270.30	272.59	273.72
HIRS/2 BAND 19	272.02	274.97	270.30	272.31	274.27
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	262.48	263.94	265.25	265.92	265.67
MSU BAND 2	249.53	249.55	249.61	250.33	249.44
MSU BAND 3	226.83	226.64	226.69	228.75	227.22
MSU BAND 4	211.94	212.02	212.06	212.73	212.66
SSU BAND 1	219.80	219.14	219.67	222.48	220.66
SSU BAND 2	229.28	228.69	229.13	232.41	230.94
SSU BAND 3	237.61	237.63	237.77	241.47	239.08

TABLE 1. CONTINUED

OCT. 26 TO OCT. 26

DAY: HOUR: MIN	26:12:24	26:12:24	26:12:25	26:12:25	26:19:39
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	9
LATITUDE (DEG N)	44.94	45.17	40.41	40.65	41.13
LONGITUDE (DEG W)	87.63	90.89	88.78	91.81	91.97
SOLAR ZENITH (DEG)	*****	*****	*****	*****	59.18
BOX SIZE LxW (KM)	309x293	309x293	250x293	250x293	250x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	222.	382.	211.	220.	241.
SURFACE TEMP (K)	286.0	283.0	290.0	289.0	288.0
SURFACE PRES (MB)	1000.	950.	1000.	1000.	1000.
TROP PRES (MB)	127.	111.	106.	100.	106.
TROP TEMP (K)	210.6	208.5	209.8	209.4	209.8
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	281.5	281.1	279.8	278.3	276.4
850MB-700MB	275.4	276.1	273.4	272.0	271.2
700MB-500MB	265.0	265.6	263.6	262.6	261.9
500MB-400MB	252.0	252.9	251.4	250.8	249.1
400MB-300MB	239.1	240.4	239.7	239.7	238.7
300MB-200MB	224.5	226.0	227.8	229.0	228.9
200MB-100MB	212.6	213.0	215.7	216.9	216.0
100MB-70MB	209.8	207.9	209.8	209.8	210.7
70MB-50MB	211.2	210.2	211.2	211.2	211.2
50MB-30MB	214.0	214.7	215.4	214.7	215.4
30MB-10MB	218.9	218.6	218.9	218.3	218.3
10MB-5MB	223.1	223.3	225.6	225.1	224.5
5MB-2MB	235.1	235.5	238.5	238.5	242.8
2MB-1MB	248.1	247.5	252.0	251.6	260.9
1MB-0.4MB	254.1	252.9	257.4	257.0	265.7
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	223.09
HIRS/2 BAND 2	*****	*****	*****	*****	217.97
HIRS/2 BAND 3	*****	*****	*****	*****	217.66
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	*****	236.19
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	256.13	261.94	266.80	264.91	264.95
MSU BAND 2	250.31	251.06	250.48	250.03	249.11
MSU BAND 3	225.27	225.89	227.09	227.58	229.19
MSU BAND 4	211.47	211.11	212.42	212.47	213.03
SSU BAND 1	219.48	219.33	221.80	221.28	222.06
SSU BAND 2	228.81	228.91	232.03	232.03	232.39
SSU BAND 3	238.53	238.06	241.81	241.42	242.67

TABLE 1. CONTINUED

OCT. 26 TO OCT. 27

DAY: HOUR: MIN	26:19:39	26:19:40	26:19:40	26:19:40	27: 9:41
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	43.60	44.16	45.43	46.16	45.78
LONGITUDE (DEG W)	87.28	92.78	92.64	89.94	86.92
SOLAR ZENITH (DEG)	63.19	61.57	62.76	64.35	90.00
BOX SIZE LxW (KM)	250x293	518x293	518x293	518x293	309x293
RELATIVE REFLECTANCE	*****	0.13	0.10	0.08	*****
SURFACE ALT (M)	158.	329.	324.	387.	192.
SURFACE TEMP (K)	279.0	286.0	285.0	284.0	281.0
SURFACE PRES (MB)	1000.	950.	950.	950.	1000.
TROP PRES (MB)	116.	133.	133.	143.	154.
TROP TEMP (K)	210.7	211.4	210.3	212.1	216.3
OZONE (DOBSON)	****	287.	263.	281.	297.
CLOUD COVER (%)	***	62.	58.	56.	72.
CLOUD ALT (MB)	*****	796.8	728.4	820.5	745.8
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	9.0	8.0	9.0	11.0
700MB-500MB	*****	3.0	2.0	3.0	3.0
500MB-300MB	*****	1.0	1.0	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	279.6	281.7	281.7	281.7	279.4
850MB-700MB	274.0	276.4	276.8	276.4	272.7
700MB-500MB	264.0	264.9	265.5	265.3	260.4
500MB-400MB	250.5	250.8	250.9	250.6	246.7
400MB-300MB	238.5	238.3	238.0	237.4	234.8
300MB-200MB	225.9	225.3	224.3	223.1	223.7
200MB-100MB	214.3	213.1	211.9	212.7	216.0
100MB-70MB	209.8	209.8	209.8	209.8	212.6
70MB-50MB	212.2	211.2	211.2	212.2	213.2
50MB-30MB	215.4	214.7	214.7	215.4	214.7
30MB-10MB	218.3	218.0	217.4	217.7	217.4
10MB-5MB	225.7	225.2	225.7	224.0	223.4
5MB-2MB	242.5	239.3	240.8	239.2	238.8
2MB-1MB	257.8	252.9	251.6	254.0	255.6
1MB-0.4MB	262.1	258.8	256.2	259.9	262.1
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	223.50	227.33	222.63	225.52	227.06
HIRS/2 BAND 2	217.33	217.13	215.34	215.92	219.61
HIRS/2 BAND 3	217.16	217.95	214.33	216.81	218.47
HIRS/2 BAND 4	*****	226.97	226.09	226.38	226.61
HIRS/2 BAND 5	*****	243.97	244.42	243.64	242.38
HIRS/2 BAND 6	*****	253.89	253.80	253.69	250.78
HIRS/2 BAND 7	*****	266.56	268.22	266.22	264.09
HIRS/2 BAND 8	*****	286.27	284.45	283.94	280.48
HIRS/2 BAND 9	*****	263.34	264.06	262.34	258.73
HIRS/2 BAND 10	*****	279.56	279.89	278.06	275.03
HIRS/2 BAND 11	*****	256.34	261.17	256.00	254.34
HIRS/2 BAND 12	*****	243.19	250.03	241.25	244.17
HIRS/2 BAND 13	*****	270.77	270.41	269.19	266.80
HIRS/2 BAND 14	*****	260.64	260.86	260.06	257.88
HIRS/2 BAND 15	*****	244.72	245.02	244.16	242.25
HIRS/2 BAND 16	*****	256.58	257.75	258.20	257.59
HIRS/2 BAND 17	234.72	234.50	233.91	234.03	230.34
HIRS/2 BAND 18	*****	290.53	289.11	285.84	281.17
HIRS/2 BAND 19	*****	292.59	290.30	287.09	281.03
HIRS/2 BAND 20	*****	2021.00	2018.31	2014.94	*****
MSU BAND 1	258.92	267.08	265.84	259.48	249.52
MSU BAND 2	249.92	250.38	250.34	249.95	248.16
MSU BAND 3	227.98	227.66	227.23	227.05	226.95
MSU BAND 4	212.70	211.64	211.55	212.06	213.89
SSU BAND 1	221.78	220.25	219.59	220.22	221.22
SSU BAND 2	232.39	231.75	230.44	230.45	231.50
SSU BAND 3	241.48	240.02	238.48	239.95	240.98

TABLE 1. CONTINUED

OCT. 27 TO OCT. 27

DAY: HOUR: MIN	27: 9:41	27: 9:41	27: 9:41	27: 9:41	27: 9:42
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	45.48	46.22	42.43	43.71	41.27
LONGITUDE (DEG W)	89.55	91.81	88.07	93.48	92.70
SOLAR ZENITH (DEG)	90.00	90.00	90.00	90.00	90.00
BOX SIZE LxW (KM)	309x293	309x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	468.	331.	213.	348.	265.
SURFACE TEMP (K)	273.0	274.0	278.0	*****	277.0
SURFACE PRES (MB)	950.	950.	1000.	950.	1000.
TROP PRES (MB)	203.	197.	127.	187.	181.
TROP TEMP (K)	218.2	215.8	211.9	212.5	213.0
OZONE (DOBSON)	297.	289.	284.	280.	276.
CLOUD COVER (%)	2.	6.	68.	17.	5.
CLOUD ALT (MB)	700.0	700.0	700.0	700.0	700.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	10.0	10.0	12.0	13.0	15.0
700MB-500MB	3.0	3.0	3.0	4.0	3.0
500MB-300MB	1.0	1.0	1.0	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	279.8	281.4	279.2	*****	283.6
850MB-700MB	274.9	277.1	274.0	*****	278.9
700MB-500MB	263.5	264.9	263.3	*****	267.6
500MB-400MB	249.1	250.0	249.9	*****	252.8
400MB-300MB	236.0	236.1	237.6	*****	238.5
300MB-200MB	222.6	221.6	224.8	*****	222.0
200MB-100MB	215.2	213.9	214.0	*****	211.3
100MB-70MB	213.6	212.6	211.7	211.7	210.7
70MB-50MB	213.2	213.2	213.2	213.2	213.2
50MB-30MB	214.7	215.4	215.4	215.4	215.4
30MB-10MB	217.4	217.4	219.2	218.6	220.2
10MB-5MB	223.9	223.5	226.5	226.2	229.0
5MB-2MB	238.1	239.1	242.7	241.7	242.8
2MB-1MB	254.3	255.5	257.6	254.9	253.6
1MB-0.4MB	261.2	261.7	261.8	259.1	257.2
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	229.70	227.05	224.28	224.11	226.05
HIRS/2 BAND 2	217.97	218.08	218.94	216.06	217.97
HIRS/2 BAND 3	219.23	217.69	217.22	216.92	216.42
HIRS/2 BAND 4	228.13	227.55	227.73	228.77	228.08
HIRS/2 BAND 5	242.13	243.72	243.31	245.06	244.98
HIRS/2 BAND 6	252.28	253.05	251.69	254.78	255.03
HIRS/2 BAND 7	262.36	264.34	264.36	265.45	265.92
HIRS/2 BAND 8	273.39	273.53	277.52	275.91	276.70
HIRS/2 BAND 9	255.03	255.36	258.67	258.08	258.89
HIRS/2 BAND 10	271.34	272.06	273.63	274.20	274.56
HIRS/2 BAND 11	258.64	262.70	259.42	260.17	262.30
HIRS/2 BAND 12	244.91	247.83	250.34	244.81	244.77
HIRS/2 BAND 13	263.77	264.89	265.88	267.03	267.02
HIRS/2 BAND 14	256.55	257.94	257.84	259.80	259.64
HIRS/2 BAND 15	242.58	243.69	243.41	245.58	245.41
HIRS/2 BAND 16	256.95	258.36	257.72	260.27	260.11
HIRS/2 BAND 17	229.78	229.53	232.47	231.73	232.25
HIRS/2 BAND 18	271.11	272.67	276.22	275.48	276.31
HIRS/2 BAND 19	271.36	273.30	275.56	276.00	276.84
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	262.03	258.19	255.64	263.69	262.09
MSU BAND 2	248.66	249.41	250.02	250.80	250.70
MSU BAND 3	226.88	226.52	227.58	226.36	226.67
MSU BAND 4	213.92	213.50	213.45	212.94	212.63
SSU BAND 1	221.50	221.02	222.72	221.64	222.92
SSU BAND 2	231.67	231.13	232.88	231.78	233.27
SSU BAND 3	241.05	241.02	241.86	240.42	241.06

TABLE 1. CONTINUED

OCT. 27 TO OCT. 27

DAY: HOUR: MIN	27:13:40	27:13:40	27:13:41	27:13:41	27:19:29
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	9
LATITUDE (DEG N)	44.73	45.64	42.26	43.11	43.95
LONGITUDE (DEG W)	88.61	92.45	90.04	93.75	86.58
SOLAR ZENITH (DEG)	*****	*****	*****	*****	62.98
BOX SIZE LxW (KM)	250x293	250x293	250x293	250x293	250x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	0.06
SURFACE ALT (M)	290.	330.	261.	359.	153.
SURFACE TEMP (K)	285.0	280.0	283.0	286.0	283.0
SURFACE PRES (MB)	1000.	950.	1000.	950.	1000.
TROP PRES (MB)	106.	224.	106.	176.	197.
TROP TEMP (K)	210.5	213.4	209.0	213.0	217.6
OZONE (DOBSON)	****	****	****	****	291.
CLOUD COVER (%)	***	***	***	***	4.
CLOUD ALT (MB)	*****	*****	*****	*****	850.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	10.0
700MB-500MB	*****	*****	*****	*****	2.0
500MB-300MB	*****	*****	*****	*****	1.0
TEMPERATURE (K)					
SURFACE-850MB	279.0	283.2	280.9	282.9	280.9
850MB-700MB	273.1	276.4	275.2	277.7	274.5
700MB-500MB	262.9	264.7	264.5	266.5	263.3
500MB-400MB	250.5	251.2	251.9	252.9	249.6
400MB-300MB	238.9	236.8	239.8	239.4	236.6
300MB-200MB	226.9	218.2	226.0	222.9	223.0
200MB-100MB	215.4	215.6	213.9	211.1	215.0
100MB-70MB	210.7	214.6	209.8	210.7	212.6
70MB-50MB	212.2	215.3	211.2	212.2	214.2
50MB-30MB	214.7	216.7	215.4	215.4	214.7
30MB-10MB	217.4	219.9	218.6	219.6	219.2
10MB-5MB	222.4	225.8	224.6	225.7	226.7
5MB-2MB	235.4	239.1	237.1	238.4	241.1
2MB-1MB	250.8	249.6	250.2	250.3	255.9
1MB-0.4MB	258.1	253.8	255.8	254.8	261.1
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	227.42
HIRS/2 BAND 2	*****	*****	*****	*****	217.84
HIRS/2 BAND 3	*****	*****	*****	*****	218.78
HIRS/2 BAND 4	*****	*****	*****	*****	227.89
HIRS/2 BAND 5	*****	*****	*****	*****	243.83
HIRS/2 BAND 6	*****	*****	*****	*****	253.95
HIRS/2 BAND 7	*****	*****	*****	*****	266.92
HIRS/2 BAND 8	*****	*****	*****	*****	282.64
HIRS/2 BAND 9	*****	*****	*****	*****	261.70
HIRS/2 BAND 10	*****	*****	*****	*****	279.27
HIRS/2 BAND 11	*****	*****	*****	*****	261.84
HIRS/2 BAND 12	*****	*****	*****	*****	248.75
HIRS/2 BAND 13	*****	*****	*****	*****	269.17
HIRS/2 BAND 14	*****	*****	*****	*****	259.84
HIRS/2 BAND 15	*****	*****	*****	*****	243.94
HIRS/2 BAND 16	*****	*****	*****	*****	257.95
HIRS/2 BAND 17	*****	*****	*****	*****	236.16
HIRS/2 BAND 18	*****	*****	*****	*****	285.42
HIRS/2 BAND 19	*****	*****	*****	*****	285.73
HIRS/2 BAND 20	*****	*****	*****	*****	2012.81
MSU BAND 1	252.03	261.72	260.73	264.14	250.89
MSU BAND 2	249.72	250.69	250.50	251.19	249.48
MSU BAND 3	226.45	224.50	225.97	224.78	227.34
MSU BAND 4	212.58	212.34	212.03	211.94	214.06
SSU BAND 1	219.83	220.14	220.73	221.14	222.84
SSU BAND 2	229.72	230.23	230.63	231.09	232.84
SSU BAND 3	240.45	240.88	240.36	240.59	241.73

TABLE 1. CONTINUED

OCT. 27 TO OCT. 27

DAY: HOUR: MIN	27:19:29	27:23:21	27:23:21	27:23:22	27:23:22
MONTH	10	10	10	10	10
SATELLITE NO	9	6	6	6	6
LATITUDE (DEG N)	44.79	40.88	41.77	44.30	45.13
LONGITUDE (DEG W)	89.46	92.97	89.40	90.64	86.91
SOLAR ZENITH (DEG)	62.66	*****	*****	*****	*****
BOX SIZE LxW (KM)	309x293	518x293	518x293	309x293	309x293
RELATIVE REFLECTANCE	0.09	*****	*****	*****	*****
SURFACE ALT (M)	336.	273.	231.	317.	163.
SURFACE TEMP (K)	287.0	285.0	283.0	284.0	282.0
SURFACE PRES (MB)	950.	1000.	1000.	1000.	1000.
TROP PRES (MB)	192.	133.	181.	187.	230.
TROP TEMP (K)	214.4	209.2	213.6	213.0	214.2
OZONE (DOBSON)	273.	****	****	****	****
CLOUD COVER (%)	15.	***	***	***	***
CLOUD ALT (MB)	700.0	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	9.0	*****	*****	*****	*****
700MB-500MB	2.0	*****	*****	*****	*****
500MB-300MB	1.0	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	283.2	285.5	284.4	284.8	284.2
850MB-700MB	278.0	279.1	278.2	278.6	275.7
700MB-500MB	266.2	268.0	266.7	267.1	264.2
500MB-400MB	250.8	254.5	252.9	252.9	250.6
400MB-300MB	236.8	241.4	239.4	239.3	236.0
300MB-200MB	221.4	224.7	222.8	222.1	218.2
200MB-100MB	212.3	210.7	211.8	211.4	216.6
100MB-70MB	211.7	206.9	210.7	210.7	215.5
70MB-50MB	213.2	211.2	213.2	213.2	217.3
50MB-30MB	214.7	216.0	215.4	215.4	218.0
30MB-10MB	219.6	222.4	221.1	219.6	221.4
10MB-5MB	226.9	228.3	228.0	226.0	227.8
5MB-2MB	240.4	239.1	239.8	238.7	240.4
2MB-1MB	254.0	250.9	251.2	251.0	250.4
1MB-0.4MB	259.3	255.0	255.2	255.7	254.2
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	229.02	*****	*****	*****	*****
HIRS/2 BAND 2	217.94	*****	*****	*****	*****
HIRS/2 BAND 3	216.92	*****	*****	*****	*****
HIRS/2 BAND 4	226.91	*****	*****	*****	*****
HIRS/2 BAND 5	244.39	*****	*****	*****	*****
HIRS/2 BAND 6	255.59	*****	*****	*****	*****
HIRS/2 BAND 7	270.03	*****	*****	*****	*****
HIRS/2 BAND 8	287.41	*****	*****	*****	*****
HIRS/2 BAND 9	266.73	*****	*****	*****	*****
HIRS/2 BAND 10	283.09	*****	*****	*****	*****
HIRS/2 BAND 11	261.58	*****	*****	*****	*****
HIRS/2 BAND 12	242.56	*****	*****	*****	*****
HIRS/2 BAND 13	272.88	*****	*****	*****	*****
HIRS/2 BAND 14	262.73	*****	*****	*****	*****
HIRS/2 BAND 15	245.83	*****	*****	*****	*****
HIRS/2 BAND 16	258.89	*****	*****	*****	*****
HIRS/2 BAND 17	235.59	*****	*****	*****	*****
HIRS/2 BAND 18	291.63	*****	*****	*****	*****
HIRS/2 BAND 19	292.33	*****	*****	*****	*****
HIRS/2 BAND 20	2016.75	*****	*****	*****	*****
MSU BAND 1	264.42	266.86	261.34	266.11	241.13
MSU BAND 2	250.41	252.53	251.77	251.75	250.27
MSU BAND 3	226.72	225.42	225.20	224.84	224.89
MSU BAND 4	212.83	211.11	212.78	212.63	214.14
SSU BAND 1	221.97	223.22	222.98	221.63	221.81
SSU BAND 2	232.22	232.20	232.70	231.58	232.19
SSU BAND 3	241.56	241.42	241.78	241.22	241.84

TABLE 1. CONTINUED

OCT. 27 TO OCT. 28

DAY: HOUR: MIN	27: 23: 23	28: 9: 30	28: 9: 30	28: 9: 30	28: 9: 31
MONTH	10	10	10	10	10
SATELLITE NO	6	9	9	9	9
LATITUDE (DEG N)	46.83	45.30	45.34	47.18	41.94
LONGITUDE (DEG W)	91.99	86.11	88.71	90.87	87.20
SOLAR ZENITH (DEG)	****	90.00	90.00	90.00	90.00
BOX SIZE LxW (KM)	309x293	309x293	309x293	309x293	309x293
RELATIVE REFLECTANCE	****	****	****	****	****
SURFACE ALT (M)	361.	159.	380.	296.	179.
SURFACE TEMP (K)	281.0	285.0	****	****	288.0
SURFACE PRES (MB)	950.	1000.	950.	1000.	1000.
TROP PRES (MB)	224.	192.	187.	187.	170.
TROP TEMP (K)	212.8	213.2	210.7	211.1	212.6
OZONE (DOBSON)	****	297.	284.	279.	289.
CLOUD COVER (%)	***	33.	14.	31.	18.
CLOUD ALT (MB)	****	700.0	700.0	700.0	850.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	****	13.0	14.0	18.0	15.0
700MB-500MB	****	3.0	5.0	5.0	4.0
500MB-300MB	****	1.0	1.0	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	283.2	284.6	****	****	285.3
850MB-700MB	276.8	278.2	****	****	278.6
700MB-500MB	264.9	265.7	****	****	266.6
500MB-400MB	251.4	251.1	****	****	251.9
400MB-300MB	236.4	237.4	****	****	238.5
300MB-200MB	217.6	220.9	****	****	222.4
200MB-100MB	215.4	212.3	****	****	211.5
100MB-70MB	214.6	212.6	211.7	213.6	210.7
70MB-50MB	216.3	213.2	213.2	214.2	212.2
50MB-30MB	216.7	215.4	215.4	214.0	216.0
30MB-10MB	220.2	219.2	219.9	218.3	221.7
10MB-5MB	226.2	226.6	227.7	225.0	229.9
5MB-2MB	238.5	239.7	240.7	240.5	243.3
2MB-1MB	248.1	253.9	253.4	255.5	255.3
1MB-0.4MB	252.2	259.3	258.3	260.7	258.7
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	228.75	229.53	226.86	226.81
HIRS/2 BAND 2	*****	219.38	218.08	216.77	218.61
HIRS/2 BAND 3	*****	219.17	217.23	216.44	218.55
HIRS/2 BAND 4	*****	228.11	227.31	227.45	228.81
HIRS/2 BAND 5	*****	244.95	244.52	243.61	244.86
HIRS/2 BAND 6	*****	255.17	254.16	253.19	255.34
HIRS/2 BAND 7	*****	267.66	264.48	264.42	268.06
HIRS/2 BAND 8	*****	285.16	274.02	277.61	287.67
HIRS/2 BAND 9	*****	262.05	256.44	258.98	264.78
HIRS/2 BAND 10	*****	279.31	272.23	274.69	280.70
HIRS/2 BAND 11	*****	255.91	253.33	252.55	255.38
HIRS/2 BAND 12	*****	239.67	240.00	236.58	237.64
HIRS/2 BAND 13	*****	270.41	266.09	268.02	271.78
HIRS/2 BAND 14	*****	261.50	259.08	259.94	262.61
HIRS/2 BAND 15	*****	245.23	244.86	244.31	246.00
HIRS/2 BAND 16	*****	261.52	259.66	260.25	262.48
HIRS/2 BAND 17	*****	230.48	230.56	229.66	232.78
HIRS/2 BAND 18	*****	284.38	273.55	277.77	286.84
HIRS/2 BAND 19	*****	284.58	273.91	278.09	286.98
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	253.80	243.59	258.13	253.14	249.42
MSU BAND 2	250.61	250.47	250.75	250.39	251.38
MSU BAND 3	224.36	226.06	226.06	225.94	226.52
MSU BAND 4	212.86	213.42	213.13	213.44	212.69
SSU BAND 1	220.56	222.25	222.30	221.05	224.03
SSU BAND 2	230.23	232.63	232.67	231.31	233.97
SSU BAND 3	240.13	241.14	241.55	241.25	242.22

TABLE 1. CONTINUED

OCT. 28 TO OCT. 28

DAY: HOUR: MIN	28: 9:31	28: 9:31	28: 9:31	28: 9:31	28: 9:31
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	44.12	40.17	41.91	40.58	42.48
LONGITUDE (DEG W)	91.28	88.30	89.38	90.87	93.61
SOLAR ZENITH (DEG)	90.00	90.00	90.00	90.00	90.00
BOX SIZE LxW (KM)	309x293	309x293	309x293	309x293	309x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	306.	209.	232.	193.	344.
SURFACE TEMP (K)	286.0	*****	*****	282.0	282.0
SURFACE PRES (MB)	1000.	1000.	1000.	1000.	950.
TROP PRES (MB)	187.	165.	176.	165.	176.
TROP TEMP (K)	212.8	211.7	212.0	211.4	211.3
OZONE (DOBSON)	****	294.	279.	283.	275.
CLOUD COVER (%)	***	0.	14.	42.	52.
CLOUD ALT (MB)	*****	*****	700.0	700.0	657.7
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	18.0	18.0	16.0	14.0
700MB-500MB	*****	4.0	4.0	3.0	3.0
500MB-300MB	*****	1.0	1.0	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	285.9	*****	*****	288.0	289.0
850MB-700MB	279.4	*****	*****	281.7	283.3
700MB-500MB	267.1	*****	*****	268.7	269.8
500MB-400MB	252.2	*****	*****	253.4	254.0
400MB-300MB	238.2	*****	*****	239.5	239.5
300MB-200MB	221.4	*****	*****	222.9	221.9
200MB-100MB	211.5	*****	*****	210.8	210.6
100MB-70MB	210.7	209.8	210.7	209.8	209.8
70MB-50MB	212.2	213.2	212.2	212.2	212.2
50MB-30MB	215.4	216.7	215.4	216.0	215.4
30MB-10MB	220.8	222.4	221.4	222.0	220.8
10MB-5MB	228.3	230.2	230.0	230.6	229.3
5MB-2MB	242.0	244.3	244.9	242.6	243.3
2MB-1MB	254.4	257.4	256.7	254.2	254.5
1MB-0.4MB	258.4	260.5	259.3	258.3	257.9
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	225.47	226.23	224.47	230.73	224.94
HIRS/2 BAND 2	218.22	216.94	218.19	219.25	217.45
HIRS/2 BAND 3	217.55	220.41	217.41	218.69	216.95
HIRS/2 BAND 4	*****	230.45	228.88	229.30	229.39
HIRS/2 BAND 5	*****	246.14	245.78	247.02	246.09
HIRS/2 BAND 6	*****	256.09	255.80	256.67	257.53
HIRS/2 BAND 7	*****	266.42	267.13	269.88	269.31
HIRS/2 BAND 8	*****	278.34	279.23	282.11	281.66
HIRS/2 BAND 9	*****	260.03	260.75	262.91	262.56
HIRS/2 BAND 10	*****	275.95	276.86	279.25	279.66
HIRS/2 BAND 11	*****	257.06	256.52	261.02	259.55
HIRS/2 BAND 12	*****	239.31	238.81	242.23	236.00
HIRS/2 BAND 13	*****	268.80	269.30	271.09	271.17
HIRS/2 BAND 14	*****	261.05	261.50	263.03	263.23
HIRS/2 BAND 15	*****	245.94	246.20	247.45	247.06
HIRS/2 BAND 16	*****	261.25	261.83	263.41	263.33
HIRS/2 BAND 17	231.39	234.20	233.08	233.83	232.44
HIRS/2 BAND 18	*****	277.89	278.69	280.88	280.53
HIRS/2 BAND 19	*****	278.36	279.25	281.39	281.23
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	265.83	264.08	264.61	263.91	266.67
MSU BAND 2	251.53	251.63	251.55	252.19	252.44
MSU BAND 3	226.27	226.94	226.80	226.91	226.67
MSU BAND 4	212.56	212.41	212.67	212.39	212.11
SSU BAND 1	222.75	224.77	223.88	224.27	222.84
SSU BAND 2	232.80	234.19	234.06	234.44	233.16
SSU BAND 3	240.98	243.14	242.30	242.98	241.22

TABLE 1. CONTINUED

OCT. 28 TO OCT. 28

DAY: HOUR: MIN	28:13:16	28:13:16	28:13:17	28:19:19	28:20:58
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	9	9
LATITUDE (DEG N)	42.41	43.10	40.52	46.05	40.08
LONGITUDE (DEG W)	87.99	91.68	92.71	89.61	93.23
SOLAR ZENITH (DEG)	*****	*****	*****	63.16	68.03
BOX SIZE LxW (KM)	518x293	518x293	518x293	518x293	250x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	0.11
SURFACE ALT (M)	213.	313.	269.	405.	268.
SURFACE TEMP (K)	290.0	286.0	284.0	287.0	295.0
SURFACE PRES (MB)	1000.	1000.	1000.	950.	1000.
TROP PRES (MB)	176.	181.	170.	176.	127.
TROP TEMP (K)	212.4	212.7	211.5	215.7	208.0
OZONE (DOBSON)	****	****	****	****	286.
CLOUD COVER (%)	***	***	***	***	40.
CLOUD ALT (MB)	*****	*****	*****	*****	850.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	17.0
700MB-500MB	*****	*****	*****	*****	3.0
500MB-300MB	*****	*****	*****	*****	1.0
TEMPERATURE (K)					
SURFACE-850MB	285.3	285.1	287.0	279.8	288.8
850MB-700MB	278.9	278.7	280.5	275.4	280.7
700MB-500MB	267.6	267.5	268.9	263.9	268.8
500MB-400MB	253.7	253.2	254.8	249.7	253.9
400MB-300MB	240.1	239.7	240.8	236.9	240.1
300MB-200MB	222.8	222.4	223.1	223.2	224.0
200MB-100MB	210.5	211.2	210.1	213.9	210.3
100MB-70MB	209.8	209.8	208.8	211.7	207.9
70MB-50MB	212.2	213.2	211.2	212.2	211.2
50MB-30MB	215.4	215.4	216.0	215.4	216.7
30MB-10MB	221.1	220.5	222.4	219.2	223.0
10MB-5MB	228.4	227.9	229.3	226.0	231.8
5MB-2MB	241.0	240.4	240.6	243.1	244.7
2MB-1MB	251.5	250.8	251.2	258.8	256.7
1MB-0.4MB	254.6	254.1	254.4	262.8	259.8
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	223.23	230.31
HIRS/2 BAND 2	*****	*****	*****	216.59	217.98
HIRS/2 BAND 3	*****	*****	*****	218.02	219.81
HIRS/2 BAND 4	*****	*****	*****	*****	229.83
HIRS/2 BAND 5	*****	*****	*****	*****	246.75
HIRS/2 BAND 6	*****	*****	*****	*****	258.17
HIRS/2 BAND 7	*****	*****	*****	*****	271.55
HIRS/2 BAND 8	*****	*****	*****	*****	295.14
HIRS/2 BAND 9	*****	*****	*****	*****	270.89
HIRS/2 BAND 10	*****	*****	*****	*****	287.02
HIRS/2 BAND 11	*****	*****	*****	*****	256.94
HIRS/2 BAND 12	*****	*****	*****	*****	237.25
HIRS/2 BAND 13	*****	*****	*****	*****	277.17
HIRS/2 BAND 14	*****	*****	*****	*****	266.52
HIRS/2 BAND 15	*****	*****	*****	*****	247.89
HIRS/2 BAND 16	*****	*****	*****	*****	265.92
HIRS/2 BAND 17	*****	*****	*****	235.31	237.34
HIRS/2 BAND 18	*****	*****	*****	*****	296.39
HIRS/2 BAND 19	*****	*****	*****	*****	297.67
HIRS/2 BAND 20	*****	*****	*****	*****	2017.00
MSU BAND 1	251.34	266.83	266.69	253.25	273.11
MSU BAND 2	252.02	251.92	253.13	249.38	253.06
MSU BAND 3	224.88	224.88	225.13	226.77	227.22
MSU BAND 4	211.86	212.38	211.75	212.77	211.34
SSU BAND 1	222.63	222.36	223.59	222.02	225.08
SSU BAND 2	232.88	232.64	233.05	232.25	235.25
SSU BAND 3	241.84	241.30	241.88	242.05	244.47

TABLE 1. CONTINUED

OCT. 28 TO OCT. 28

DAY: HOUR: MIN	28:20:58	28:20:58	28:20:58	28:20:58	28:22:57
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	6
LATITUDE (DEG N)	42.31	40.30	40.89	42.23	41.55
LONGITUDE (DEG W)	93.83	91.43	89.24	86.23	87.25
SOLAR ZENITH (DEG)	69.28	69.22	70.91	73.55	****
BOX SIZE LxW (KM)	250x293	250x293	250x293	250x293	309x293
RELATIVE REFLECTANCE	0.30	0.12	0.16	0.14	****
SURFACE ALT (M)	336.	203.	205.	196.	199.
SURFACE TEMP (K)	291.0	295.0	293.0	290.0	290.0
SURFACE PRES (MB)	950.	1000.	1000.	1000.	1000.
TROP PRES (MB)	154.	143.	138.	116.	106.
TROP TEMP (K)	211.0	209.8	210.3	209.3	206.1
OZONE (DOBSON)	266.	280.	275.	280.	****
CLOUD COVER (%)	91.	40.	26.	52.	***
CLOUD ALT (MB)	576.4	648.8	850.0	850.0	****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	11.0	16.0	16.0	14.0	****
700MB-500MB	2.0	3.0	4.0	3.0	****
500MB-300MB	1.0	1.0	1.0	1.0	****
TEMPERATURE (K)					
SURFACE-850MB	284.7	289.7	287.8	285.3	284.2
850MB-700MB	278.4	281.5	279.6	278.0	278.2
700MB-500MB	266.8	268.9	266.9	265.6	267.3
500MB-400MB	252.0	253.2	252.0	250.8	254.3
400MB-300MB	239.2	239.4	238.8	237.9	242.0
300MB-200MB	224.7	223.4	224.1	224.3	226.4
200MB-100MB	211.3	210.6	211.3	212.6	211.8
100MB-70MB	209.8	206.9	207.9	208.8	206.9
70MB-50MB	212.2	211.2	211.2	211.2	211.2
50MB-30MB	215.4	216.0	216.0	216.0	215.4
30MB-10MB	221.1	223.0	223.0	221.7	221.4
10MB-5MB	228.2	231.2	232.5	229.5	228.3
5MB-2MB	243.4	244.4	245.8	245.2	241.4
2MB-1MB	258.5	257.4	255.5	259.3	254.9
1MB-0.4MB	262.4	260.7	258.3	262.2	258.9
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	227.27	230.13	230.83	226.11	*****
HIRS/2 BAND 2	219.50	219.59	217.58	217.91	*****
HIRS/2 BAND 3	217.75	218.41	216.70	217.67	*****
HIRS/2 BAND 4	231.39	228.30	227.00	227.83	*****
HIRS/2 BAND 5	245.61	246.83	244.97	244.00	*****
HIRS/2 BAND 6	257.81	258.13	254.89	255.02	*****
HIRS/2 BAND 7	272.16	272.27	269.69	269.08	*****
HIRS/2 BAND 8	290.48	294.78	292.53	290.38	*****
HIRS/2 BAND 9	271.22	270.72	268.47	267.17	*****
HIRS/2 BAND 10	285.91	287.09	284.09	283.14	*****
HIRS/2 BAND 11	256.05	257.53	254.70	255.06	*****
HIRS/2 BAND 12	231.28	237.42	238.50	239.05	*****
HIRS/2 BAND 13	275.17	277.30	275.08	273.44	*****
HIRS/2 BAND 14	264.97	266.86	264.63	263.11	*****
HIRS/2 BAND 15	246.55	248.16	246.34	246.08	*****
HIRS/2 BAND 16	263.98	264.64	261.30	257.78	*****
HIRS/2 BAND 17	236.25	237.64	237.41	236.91	*****
HIRS/2 BAND 18	290.78	295.89	294.34	290.17	*****
HIRS/2 BAND 19	291.42	297.16	296.19	291.23	*****
HIRS/2 BAND 20	2026.75	2017.75	2019.75	2016.56	*****
MSU BAND 1	271.88	272.22	270.08	251.14	260.30
MSU BAND 2	251.78	252.75	252.14	251.00	252.31
MSU BAND 3	227.14	227.22	227.28	227.09	225.97
MSU BAND 4	212.41	211.39	211.42	211.72	210.86
SSU BAND 1	223.50	224.88	224.69	223.94	223.02
SSU BAND 2	233.75	235.16	234.75	234.11	233.39
SSU BAND 3	243.61	244.63	244.67	244.06	244.02

TABLE 1. CONTINUED

OCT. 28 TO OCT. 29

DAY: HOUR: MIN	28: 22: 58	28: 22: 59	29: 0: 38	29: 0: 38	29: 9: 19
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	9
LATITUDE (DEG N)	44.05	46.51	42.36	42.52	44.66
LONGITUDE (DEG W)	88.64	90.18	92.40	90.26	87.28
SOLAR ZENITH (DEG)	*****	*****	*****	*****	90.00
BOX SIZE LxW (KM)	309x293	250x293	518x293	518x293	309x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	247.	325.	299.	279.	166.
SURFACE TEMP (K)	286.0	283.0	288.0	283.0	275.0
SURFACE PRES (MB)	1000.	950.	1000.	1000.	1000.
TROP PRES (MB)	111.	219.	106.	106.	181.
TROP TEMP (K)	209.1	219.4	208.5	207.9	215.8
OZONE (DOBSON)	****	****	****	****	287.
CLOUD COVER (%)	***	***	***	***	18.
CLOUD ALT (MB)	*****	*****	*****	*****	700.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	11.0
700MB-500MB	*****	*****	*****	*****	2.0
500MB-300MB	*****	*****	*****	*****	1.0
TEMPERATURE (K)					
SURFACE-850MB	282.7	277.7	282.1	282.1	278.3
850MB-700MB	276.6	271.2	276.1	276.3	273.8
700MB-500MB	265.9	260.0	265.3	265.7	263.0
500MB-400MB	252.9	247.3	252.5	252.9	249.1
400MB-300MB	240.4	235.4	240.1	240.8	236.3
300MB-200MB	225.6	223.0	225.7	226.7	222.8
200MB-100MB	212.9	218.8	213.2	213.4	214.4
100MB-70MB	209.8	215.5	208.8	207.9	212.6
70MB-50MB	211.2	216.3	212.2	212.2	214.2
50MB-30MB	215.4	217.4	216.0	215.4	214.7
30MB-10MB	219.9	220.5	220.8	220.8	218.9
10MB-5MB	225.9	225.4	228.0	227.4	226.4
5MB-2MB	238.6	240.6	240.6	240.4	243.2
2MB-1MB	252.6	254.0	253.5	254.4	257.7
1MB-0.4MB	258.0	258.6	257.8	259.1	261.4
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	222.50
HIRS/2 BAND 2	*****	*****	*****	*****	216.88
HIRS/2 BAND 3	*****	*****	*****	*****	217.05
HIRS/2 BAND 4	*****	*****	*****	*****	228.20
HIRS/2 BAND 5	*****	*****	*****	*****	243.16
HIRS/2 BAND 6	*****	*****	*****	*****	252.25
HIRS/2 BAND 7	*****	*****	*****	*****	263.58
HIRS/2 BAND 8	*****	*****	*****	*****	275.20
HIRS/2 BAND 9	*****	*****	*****	*****	256.19
HIRS/2 BAND 10	*****	*****	*****	*****	272.52
HIRS/2 BAND 11	*****	*****	*****	*****	259.67
HIRS/2 BAND 12	*****	*****	*****	*****	242.42
HIRS/2 BAND 13	*****	*****	*****	*****	264.59
HIRS/2 BAND 14	*****	*****	*****	*****	256.77
HIRS/2 BAND 15	*****	*****	*****	*****	242.31
HIRS/2 BAND 16	*****	*****	*****	*****	257.23
HIRS/2 BAND 17	*****	*****	*****	*****	230.03
HIRS/2 BAND 18	*****	*****	*****	*****	274.39
HIRS/2 BAND 19	*****	*****	*****	*****	273.98
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	253.11	253.72	267.59	264.56	242.36
MSU BAND 2	251.50	248.84	251.14	251.42	248.84
MSU BAND 3	226.02	226.14	226.03	226.30	226.78
MSU BAND 4	212.02	213.14	212.09	211.70	213.80
SSU BAND 1	221.86	220.92	223.09	222.75	222.36
SSU BAND 2	231.73	230.66	233.17	232.98	232.25
SSU BAND 3	242.25	243.58	243.22	243.63	241.33

TABLE 1. CONTINUED

OCT. 29 TO OCT. 29

DAY: HOUR: MIN	29: 9:19	29: 9:19	29: 9:20	29: 9:20	29: 9:21
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	46.95	45.41	42.25	42.07	40.80
LONGITUDE (DEG W)	90.17	93.83	86.84	91.35	90.35
SOLAR ZENITH (DEG)	90.00	90.00	90.00	90.00	90.00
BOX SIZE LxW (KM)	309x293	309x293	309x293	309x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	287.	322.	165.	270.	199.
SURFACE TEMP (K)	279.0	274.0	285.0	278.0	282.0
SURFACE PRES (MB)	1000.	950.	1000.	1000.	1000.
TROP PRES (MB)	230.	230.	160.	165.	154.
TROP TEMP (K)	217.2	219.9	212.9	215.2	213.7
OZONE (DOBSON)	308.	301.	288.	301.	293.
CLOUD COVER (%)	78.	30.	69.	52.	69.
CLOUD ALT (MB)	763.5	700.0	723.9	700.0	547.8
PRECIPITABLE WATER (MM)					
SURFACE-700MB	9.0	7.0	16.0	12.0	13.0
700MB-500MB	2.0	2.0	5.0	3.0	4.0
500MB-300MB	1.0	1.0	1.0	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	277.1	275.8	284.6	280.9	283.2
850MB-700MB	270.1	270.6	277.1	275.6	277.5
700MB-500MB	258.9	259.0	265.5	264.1	265.1
500MB-400MB	245.3	245.3	251.2	249.7	250.5
400MB-300MB	232.4	233.0	238.2	236.7	237.5
300MB-200MB	219.8	221.9	223.3	223.3	223.8
200MB-100MB	216.4	216.2	212.4	214.1	213.1
100MB-70MB	216.5	214.6	210.7	211.7	209.8
70MB-50MB	216.3	215.3	212.2	213.2	212.2
50MB-30MB	214.7	214.7	215.4	216.0	215.4
30MB-10MB	217.7	218.3	220.8	220.2	221.4
10MB-5MB	223.9	224.7	228.2	227.3	229.4
5MB-2MB	238.1	238.4	240.4	240.2	244.6
2MB-1MB	253.2	253.7	253.2	255.0	258.2
1MB-0.4MB	259.8	260.1	258.4	260.5	261.1
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	227.22	227.56	229.64	229.33	224.98
HIRS/2 BAND 2	217.39	218.25	218.81	218.69	218.25
HIRS/2 BAND 3	220.70	219.45	218.03	220.84	218.61
HIRS/2 BAND 4	227.53	227.30	227.36	228.80	227.80
HIRS/2 BAND 5	241.11	241.05	243.83	243.69	244.23
HIRS/2 BAND 6	251.73	250.47	253.50	254.14	254.27
HIRS/2 BAND 7	262.77	261.70	265.19	265.11	266.16
HIRS/2 BAND 8	279.41	274.06	284.95	278.02	281.94
HIRS/2 BAND 9	258.03	254.94	262.56	258.61	260.19
HIRS/2 BAND 10	275.88	271.22	277.36	275.69	276.47
HIRS/2 BAND 11	256.50	255.41	251.69	260.22	255.19
HIRS/2 BAND 12	242.64	240.97	237.97	244.19	238.95
HIRS/2 BAND 13	266.02	263.39	269.73	267.09	268.50
HIRS/2 BAND 14	256.53	255.00	260.66	258.78	259.94
HIRS/2 BAND 15	240.44	239.56	244.53	243.28	244.39
HIRS/2 BAND 16	256.48	254.20	261.06	258.92	260.30
HIRS/2 BAND 17	229.03	229.34	232.55	231.55	232.30
HIRS/2 BAND 18	280.97	273.81	284.94	277.61	281.41
HIRS/2 BAND 19	280.58	274.53	285.25	278.14	281.61
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	243.69	261.38	251.91	265.44	266.31
MSU BAND 2	246.06	246.72	250.58	249.59	250.38
MSU BAND 3	225.81	226.17	226.98	226.91	227.11
MSU BAND 4	215.20	214.66	212.69	213.27	212.42
SSU BAND 1	221.34	221.94	223.02	223.20	223.91
SSU BAND 2	230.86	231.34	232.94	233.09	234.19
SSU BAND 3	239.88	240.30	241.63	241.98	242.94

TABLE 1. CONTINUED

OCT. 29 TO OCT. 29

DAY: HOUR: MIN	29:12:51	29:12:51	29:12:51	29:12:53	29:12:53
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	6
LATITUDE (DEG N)	47.30	44.70	45.06	40.23	40.56
LONGITUDE (DEG W)	87.07	88.09	91.02	89.68	92.41
SOLAR ZENITH (DEG)	*****	*****	*****	*****	*****
BOX SIZE LxW (KM)	250x293	309x293	309x293	309x293	309x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	123.	240.	369.	189.	262.
SURFACE TEMP (K)	279.0	286.0	283.0	288.0	291.0
SURFACE PRES (MB)	1000.	1000.	950.	1000.	1000.
TROP PRES (MB)	235.	208.	235.	138.	187.
TROP TEMP (K)	217.5	216.9	217.6	212.1	215.3
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	275.6	278.5	274.9	282.1	281.5
850MB-700MB	269.2	272.4	269.8	275.9	275.6
700MB-500MB	258.4	261.4	258.8	265.3	264.7
500MB-400MB	245.3	248.0	245.6	252.0	251.4
400MB-300MB	232.3	235.1	232.6	239.4	238.5
300MB-200MB	219.7	221.4	219.8	224.5	223.3
200MB-100MB	217.3	215.2	217.4	213.0	212.8
100MB-70MB	216.5	214.6	216.5	208.8	209.8
70MB-50MB	216.3	215.3	216.3	212.2	213.2
50MB-30MB	215.4	215.4	216.7	216.0	216.0
30MB-10MB	216.8	217.7	218.9	221.4	221.7
10MB-5MB	222.5	223.7	225.1	228.5	227.1
5MB-2MB	234.8	236.2	236.7	241.0	238.7
2MB-1MB	248.3	250.4	248.0	253.3	253.1
1MB-0.4MB	255.8	257.2	253.9	257.2	258.6
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	*****
HIRS/2 BAND 2	*****	*****	*****	*****	*****
HIRS/2 BAND 3	*****	*****	*****	*****	*****
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	*****	*****
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	229.66	257.41	264.08	265.69	264.17
MSU BAND 2	246.23	248.20	246.64	250.73	250.09
MSU BAND 3	224.34	224.84	224.56	225.48	224.98
MSU BAND 4	215.11	214.59	214.84	212.23	212.48
SSU BAND 1	220.20	221.25	221.41	223.30	223.27
SSU BAND 2	229.63	230.59	230.52	233.31	232.03
SSU BAND 3	239.64	240.91	240.05	243.19	243.03

TABLE 1. CONTINUED

OCT. 29 TO OCT. 29

DAY: HOUR: MIN	29:19: 7	29:20:47	29:20:48	29:20:48	29:20:48
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	45.08	40.09	41.31	41.57	44.23
LONGITUDE (DEG W)	86.20	90.90	93.17	91.31	91.62
SOLAR ZENITH (DEG)	62.81	68.09	67.73	68.91	70.66
BOX SIZE LxW (KM)	518x293	250x293	250x293	250x293	250x293
RELATIVE REFLECTANCE	*****	0.11	0.10	0.14	0.10
SURFACE ALT (M)	175.	191.	278.	221.	303.
SURFACE TEMP (K)	280.0	286.0	287.0	285.0	285.0
SURFACE PRES (MB)	1000.	1000.	1000.	1000.	1000.
TROP PRES (MB)	257.	176.	176.	170.	241.
TROP TEMP (K)	223.6	213.0	213.3	213.8	220.6
OZONE (DOBSON)	****	284.	291.	276.	304.
CLOUD COVER (%)	***	15.	20.	5.	0.
CLOUD ALT (MB)	*****	850.0	850.0	850.0	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	11.0	11.0	10.0	8.0
700MB-500MB	*****	1.0	2.0	1.0	2.0
500MB-300MB	*****	0.0	1.0	0.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	273.9	282.3	281.5	280.2	276.6
850MB-700MB	267.6	276.8	275.2	274.2	269.8
700MB-500MB	257.2	266.8	265.0	263.8	258.6
500MB-400MB	244.2	251.9	250.5	249.7	244.8
400MB-300MB	232.9	237.9	236.7	236.6	232.8
300MB-200MB	223.9	222.1	221.6	222.3	221.9
200MB-100MB	217.9	212.0	211.8	212.9	215.5
100MB-70MB	214.6	209.8	211.7	211.7	213.6
70MB-50MB	214.2	213.2	213.2	213.2	214.2
50MB-30MB	214.7	215.4	216.0	215.4	215.4
30MB-10MB	217.7	221.4	221.4	220.5	218.9
10MB-5MB	224.5	230.1	228.0	229.2	225.6
5MB-2MB	240.9	245.7	239.4	243.9	238.4
2MB-1MB	258.0	258.3	254.2	256.1	253.5
1MB-0.4MB	263.7	261.1	260.3	259.4	259.7
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	226.69	227.69	235.06	227.27	229.34
HIRS/2 BAND 2	218.30	216.73	221.28	217.89	221.56
HIRS/2 BAND 3	218.64	218.88	219.09	217.02	220.95
HIRS/2 BAND 4	*****	229.39	227.19	227.77	227.27
HIRS/2 BAND 5	*****	244.78	243.73	243.70	242.17
HIRS/2 BAND 6	*****	256.95	254.84	253.84	252.22
HIRS/2 BAND 7	*****	268.97	268.14	268.13	265.89
HIRS/2 BAND 8	*****	286.00	287.25	284.81	285.03
HIRS/2 BAND 9	*****	265.20	264.72	264.59	262.38
HIRS/2 BAND 10	*****	283.08	282.08	281.36	279.95
HIRS/2 BAND 11	*****	263.69	257.72	262.17	255.81
HIRS/2 BAND 12	*****	240.06	238.00	245.98	242.69
HIRS/2 BAND 13	*****	272.20	271.33	270.70	269.22
HIRS/2 BAND 14	*****	262.11	261.23	260.70	258.53
HIRS/2 BAND 15	*****	244.95	244.31	243.67	241.39
HIRS/2 BAND 16	*****	261.66	261.23	260.27	257.95
HIRS/2 BAND 17	234.59	236.42	235.44	235.52	233.75
HIRS/2 BAND 18	*****	290.48	289.77	289.88	288.06
HIRS/2 BAND 19	*****	291.63	291.25	291.59	288.97
HIRS/2 BAND 20	*****	2017.38	2016.19	2018.88	2014.81
MSU BAND 1	242.50	269.34	268.66	268.59	267.92
MSU BAND 2	245.64	250.69	249.92	249.72	246.80
MSU BAND 3	226.98	226.48	226.06	226.25	225.53
MSU BAND 4	214.72	212.34	213.13	213.03	214.23
SSU BAND 1	222.08	223.73	223.50	223.33	222.36
SSU BAND 2	231.98	234.59	233.52	233.66	232.20
SSU BAND 3	242.25	244.11	243.67	242.69	241.11

TABLE 1. CONTINUED

OCT. 29 TO OCT. 30

DAY: HOUR: MIN	29: 20: 48	29: 20: 48	29: 20: 48	30: 0: 13	30: 0: 13
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	6	6
LATITUDE (DEG N)	44.75	44.13	45.63	40.15	42.35
LONGITUDE (DEG W)	93.48	89.05	89.41	88.93	92.90
SOLAR ZENITH (DEG)	70.10	71.95	72.80	*****	*****
BOX SIZE LxW (KM)	250x293	250x293	250x293	309x293	250x293
RELATIVE REFLECTANCE	0.11	0.12	0.10	*****	*****
SURFACE ALT (M)	312.	297.	441.	201.	308.
SURFACE TEMP (K)	286.0	285.0	283.0	287.0	288.0
SURFACE PRES (MB)	1000.	1000.	950.	1000.	1000.
TROP PRES (MB)	224.	235.	241.	181.	203.
TROP TEMP (K)	216.9	219.6	219.3	214.3	213.7
OZONE (DOBSON)	297.	297.	305.	****	****
CLOUD COVER (%)	37.	0.	26.	***	***
CLOUD ALT (MB)	805.4	*****	850.0	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	7.0	8.0	7.0	*****	*****
700MB-500MB	2.0	2.0	2.0	*****	*****
500MB-300MB	1.0	0.0	1.0	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	277.5	278.1	275.8	282.3	279.6
850MB-700MB	270.6	270.6	269.1	276.3	274.0
700MB-500MB	258.6	259.1	256.6	265.4	263.0
500MB-400MB	244.4	245.0	242.5	251.9	249.3
400MB-300MB	231.9	232.6	230.5	238.8	235.7
300MB-200MB	219.7	221.3	220.6	223.0	219.8
200MB-100MB	215.8	216.5	218.0	211.9	213.0
100MB-70MB	214.6	213.6	215.5	209.8	212.6
70MB-50MB	214.2	215.3	215.3	213.2	215.3
50MB-30MB	214.7	215.4	215.4	216.0	216.0
30MB-10MB	217.7	219.2	218.0	222.0	220.2
10MB-5MB	225.0	226.0	225.5	228.1	226.1
5MB-2MB	241.7	237.2	239.9	240.4	239.5
2MB-1MB	256.8	251.4	253.3	254.7	253.7
1MB-0.4MB	261.1	258.5	258.2	259.5	258.7
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	224.00	231.70	224.17	*****	*****
HIRS/2 BAND 2	219.08	219.23	218.97	*****	*****
HIRS/2 BAND 3	218.34	219.31	219.17	*****	*****
HIRS/2 BAND 4	225.73	226.36	225.52	*****	*****
HIRS/2 BAND 5	242.17	241.20	240.45	*****	*****
HIRS/2 BAND 6	251.53	252.23	250.56	*****	*****
HIRS/2 BAND 7	266.13	266.13	263.63	*****	*****
HIRS/2 BAND 8	285.48	285.09	282.55	*****	*****
HIRS/2 BAND 9	261.91	262.66	259.13	*****	*****
HIRS/2 BAND 10	279.44	279.98	277.25	*****	*****
HIRS/2 BAND 11	254.70	255.98	252.23	*****	*****
HIRS/2 BAND 12	241.84	241.88	239.70	*****	*****
HIRS/2 BAND 13	269.13	269.16	267.13	*****	*****
HIRS/2 BAND 14	258.61	258.67	256.88	*****	*****
HIRS/2 BAND 15	241.56	241.36	239.86	*****	*****
HIRS/2 BAND 16	258.48	256.41	254.41	*****	*****
HIRS/2 BAND 17	233.39	234.33	233.38	*****	*****
HIRS/2 BAND 18	288.67	288.41	284.89	*****	*****
HIRS/2 BAND 19	289.94	289.39	285.84	*****	*****
HIRS/2 BAND 20	2015.63	2015.94	2013.94	*****	*****
MSU BAND 1	266.14	259.00	261.33	266.66	265.59
MSU BAND 2	246.45	246.64	245.28	250.42	248.27
MSU BAND 3	225.45	226.30	226.08	224.83	223.72
MSU BAND 4	214.63	214.55	215.20	212.23	213.47
SSU BAND 1	221.77	222.64	221.97	223.63	222.53
SSU BAND 2	231.94	232.08	231.41	232.98	231.89
SSU BAND 3	241.09	240.63	239.48	244.16	243.31

TABLE 1. CONTINUED

OCT. 30 TO OCT. 30

DAY: HOUR: MIN	30: 0:13	30: 0:13	30: 0:14	30: 0:14	30: 0:14
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	6
LATITUDE (DEG N)	42.78	43.09	44.97	45.41	45.72
LONGITUDE (DEG W)	89.57	86.46	93.72	90.25	86.99
SOLAR ZENITH (DEG)	*****	*****	*****	*****	*****
BOX SIZE LxW (KM)	250x293	250x293	250x293	250x293	250x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	275.	189.	313.	438.	204.
SURFACE TEMP (K)	288.0	288.0	283.0	284.0	286.0
SURFACE PRES (MB)	1000.	1000.	1000.	950.	1000.
TROP PRES (MB)	203.	197.	219.	241.	251.
TROP TEMP (K)	216.7	218.8	214.8	218.2	220.8
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	277.7	277.3	275.8	272.8	272.0
850MB-700MB	272.0	271.3	270.3	267.5	265.9
700MB-500MB	261.3	260.9	259.5	257.0	255.6
500MB-400MB	248.2	248.0	245.9	243.9	242.8
400MB-300MB	235.5	236.1	232.9	231.3	231.1
300MB-200MB	221.7	223.6	218.5	219.9	221.7
200MB-100MB	214.7	215.8	215.2	217.9	219.1
100MB-70MB	212.6	212.6	215.5	216.5	216.5
70MB-50MB	214.2	213.2	216.3	216.3	216.3
50MB-30MB	216.0	215.4	215.4	216.0	216.0
30MB-10MB	219.6	218.9	217.1	218.3	218.3
10MB-5MB	226.7	225.0	223.2	224.1	223.4
5MB-2MB	238.4	238.2	236.8	235.5	236.1
2MB-1MB	249.4	252.8	250.6	247.3	249.4
1MB-0.4MB	254.0	258.8	256.8	253.8	256.4
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	*****
HIRS/2 BAND 2	*****	*****	*****	*****	*****
HIRS/2 BAND 3	*****	*****	*****	*****	*****
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	*****	*****
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	260.30	243.50	263.30	261.70	249.42
MSU BAND 2	247.75	247.94	246.03	245.34	244.94
MSU BAND 3	224.53	225.31	223.39	224.30	224.92
MSU BAND 4	213.77	213.64	214.73	214.89	214.81
SSU BAND 1	222.20	221.77	220.78	220.89	220.73
SSU BAND 2	231.95	231.66	230.39	229.86	229.70
SSU BAND 3	240.53	242.47	240.94	239.44	240.72

TABLE 1. CONTINUED

OCT. 30 TO OCT. 30

DAY: HOUR: MIN	30: 9: 8	30: 9: 9	30: 9: 9	30: 9: 9	30: 9: 9
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	46.90	45.96	46.31	45.79	43.29
LONGITUDE (DEG W)	91.81	86.21	89.37	92.09	86.43
SOLAR ZENITH (DEG)	90.00	90.00	90.00	90.00	90.00
BOX SIZE LxW (KM)	518x293	518x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	354.	161.	418.	334.	156.
SURFACE TEMP (K)	*****	276.0	274.0	270.0	284.0
SURFACE PRES (MB)	950.	1000.	950.	950.	1000.
TROP PRES (MB)	241.	246.	230.	230.	219.
TROP TEMP (K)	216.6	218.1	217.2	217.5	216.3
OZONE (DOBSON)	291.	****	289.	300.	295.
CLOUD COVER (%)	91.	***	73.	19.	55.
CLOUD ALT (MB)	813.7	*****	722.6	700.0	850.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	2.0	*****	3.0	6.0	8.0
700MB-500MB	1.0	*****	1.0	2.0	1.0
500MB-300MB	0.0	*****	0.0	1.0	0.0
TEMPERATURE (K)					
SURFACE-850MB	*****	272.7	270.3	272.5	276.6
850MB-700MB	*****	267.1	266.4	268.3	270.5
700MB-500MB	*****	256.0	255.9	257.2	259.8
500MB-400MB	*****	242.5	242.7	243.3	245.3
400MB-300MB	*****	230.4	230.9	231.1	232.3
300MB-200MB	*****	219.2	219.3	219.4	219.4
200MB-100MB	*****	216.8	215.6	215.7	214.7
100MB-70MB	215.5	216.5	215.5	215.5	213.6
70MB-50MB	214.2	215.3	214.2	214.2	214.2
50MB-30MB	214.7	214.7	214.0	214.7	215.4
30MB-10MB	216.8	216.8	216.8	217.1	219.2
10MB-5MB	222.3	223.1	223.2	223.0	226.2
5MB-2MB	237.6	236.7	238.2	238.0	238.9
2MB-1MB	253.3	251.7	252.7	253.2	252.5
1MB-0.4MB	259.2	258.6	258.3	259.1	258.1
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	223.86	227.52	223.58	224.23	228.97
HIRS/2 BAND 2	218.16	218.75	218.53	217.02	219.52
HIRS/2 BAND 3	216.86	218.47	216.63	218.39	218.19
HIRS/2 BAND 4	223.28	*****	224.50	225.77	225.41
HIRS/2 BAND 5	238.81	*****	240.28	239.36	241.31
HIRS/2 BAND 6	248.25	*****	248.08	247.95	251.45
HIRS/2 BAND 7	262.31	*****	260.77	258.80	264.63
HIRS/2 BAND 8	281.02	*****	273.73	269.83	283.70
HIRS/2 BAND 9	258.67	*****	254.63	251.33	260.77
HIRS/2 BAND 10	275.97	*****	270.91	267.08	278.25
HIRS/2 BAND 11	253.80	*****	253.91	253.39	255.39
HIRS/2 BAND 12	241.83	*****	241.91	240.94	239.67
HIRS/2 BAND 13	264.97	*****	261.69	260.02	268.00
HIRS/2 BAND 14	254.66	*****	252.80	252.02	257.78
HIRS/2 BAND 15	238.19	*****	238.06	237.84	241.02
HIRS/2 BAND 16	252.73	*****	252.52	250.91	258.02
HIRS/2 BAND 17	228.42	228.92	228.30	228.89	229.80
HIRS/2 BAND 18	282.75	*****	275.23	269.61	285.09
HIRS/2 BAND 19	282.09	*****	274.84	270.25	284.84
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	251.44	238.84	247.94	257.69	236.08
MSU BAND 2	243.67	243.97	243.80	244.77	246.27
MSU BAND 3	224.19	224.86	224.55	224.55	225.03
MSU BAND 4	213.97	215.06	214.39	214.02	213.91
SSU BAND 1	219.67	220.83	220.27	220.14	222.11
SSU BAND 2	229.28	230.19	229.86	229.89	231.88
SSU BAND 3	238.72	239.08	238.52	238.77	240.61

TABLE 1. CONTINUED

OCT. 30 TO OCT. 30

DAY: HOUR: MIN	30: 9: 9	30: 9: 9	30: 9: 9	30: 9: 10	30: 12: 27
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	6
LATITUDE (DEG N)	41.83	43.17	43.25	41.09	47.31
LONGITUDE (DEG W)	87.27	88.64	93.89	90.86	87.95
SOLAR ZENITH (DEG)	90.00	90.00	90.00	90.00	*****
BOX SIZE LxW (KM)	518x293	518x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	179.	274.	364.	208.	181.
SURFACE TEMP (K)	286.0	273.0	*****	275.0	277.0
SURFACE PRES (MB)	1000.	1000.	950.	1000.	1000.
TROP PRES (MB)	203.	203.	192.	181.	251.
TROP TEMP (K)	214.9	213.3	214.0	212.3	214.8
OZONE (DOBSON)	291.	294.	282.	286.	****
CLOUD COVER (%)	88.	4.	31.	6.	***
CLOUD ALT (MB)	850.0	700.0	571.0	700.0	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	9.0	9.0	11.0	13.0	*****
700MB-500MB	2.0	2.0	4.0	3.0	*****
500MB-300MB	1.0	1.0	1.0	1.0	*****
TEMPERATURE (K)					
SURFACE-850MB	279.8	277.1	*****	280.4	269.1
850MB-700MB	273.3	272.0	*****	275.9	265.2
700MB-500MB	261.9	261.2	*****	264.4	254.7
500MB-400MB	247.4	246.8	*****	249.4	241.4
400MB-300MB	234.4	233.4	*****	235.7	228.3
300MB-200MB	220.3	218.7	*****	220.2	216.5
200MB-100MB	213.5	213.5	*****	211.8	217.2
100MB-70MB	211.7	214.6	211.7	211.7	216.5
70MB-50MB	214.2	214.2	213.2	213.2	215.3
50MB-30MB	216.0	215.4	216.0	215.4	214.7
30MB-10MB	220.5	219.6	220.2	221.4	216.4
10MB-5MB	227.9	226.6	226.8	228.5	221.7
5MB-2MB	240.9	238.6	239.4	242.9	233.3
2MB-1MB	253.6	251.1	252.1	255.5	246.3
1MB-0.4MB	258.2	256.8	257.2	258.7	254.9
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	228.69	229.86	227.31	223.73	*****
HIRS/2 BAND 2	218.08	217.94	217.88	217.30	*****
HIRS/2 BAND 3	217.63	218.08	216.31	218.03	*****
HIRS/2 BAND 4	226.11	226.09	225.56	228.19	*****
HIRS/2 BAND 5	242.77	241.05	240.28	242.52	*****
HIRS/2 BAND 6	252.92	250.73	250.33	252.92	*****
HIRS/2 BAND 7	266.22	261.67	260.91	263.00	*****
HIRS/2 BAND 8	286.11	273.28	271.75	274.50	*****
HIRS/2 BAND 9	262.39	254.58	254.39	256.78	*****
HIRS/2 BAND 10	279.67	270.70	269.31	272.30	*****
HIRS/2 BAND 11	254.39	253.88	251.72	256.75	*****
HIRS/2 BAND 12	240.14	237.06	237.02	238.06	*****
HIRS/2 BAND 13	269.53	262.75	263.03	264.91	*****
HIRS/2 BAND 14	259.45	254.70	255.42	257.02	*****
HIRS/2 BAND 15	242.81	240.13	240.64	242.47	*****
HIRS/2 BAND 16	259.72	254.86	253.41	256.88	*****
HIRS/2 BAND 17	231.39	229.70	230.25	232.06	*****
HIRS/2 BAND 18	286.45	272.91	271.14	274.19	*****
HIRS/2 BAND 19	286.45	273.53	271.86	274.84	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	241.16	257.16	262.70	261.78	234.98
MSU BAND 2	247.38	246.39	247.42	248.53	242.86
MSU BAND 3	225.44	224.69	224.94	225.05	222.36
MSU BAND 4	213.19	213.91	212.61	212.50	214.28
SSU BAND 1	222.78	222.05	221.63	222.81	219.17
SSU BAND 2	232.44	231.77	231.11	232.66	227.95
SSU BAND 3	241.55	240.22	240.19	241.09	238.80

TABLE 1. CONTINUED

OCT. 30 TO OCT. 30

DAY: HOUR: MIN	30:12:27	30:12:27	30:12:28	30:12:28	30:20:36
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	9
LATITUDE (DEG N)	44.69	44.91	42.05	42.28	40.09
LONGITUDE (DEG W)	88.64	91.90	89.31	92.43	91.11
SOLAR ZENITH (DEG)	*****	*****	*****	*****	66.74
BOX SIZE LxW (KM)	250x293	250x293	250x293	250x293	250x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	0.09
SURFACE ALT (M)	324.	315.	248.	294.	195.
SURFACE TEMP (K)	282.0	281.0	282.0	288.0	290.0
SURFACE PRES (MB)	950.	950.	1000.	1000.	1000.
TROP PRES (MB)	214.	203.	197.	192.	181.
TROP TEMP (K)	214.9	212.8	213.9	212.3	211.6
OZONE (DOBSON)	****	****	****	****	280.
CLOUD COVER (%)	***	***	***	***	9.
CLOUD ALT (MB)	*****	*****	*****	*****	850.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	12.0
700MB-500MB	*****	*****	*****	*****	3.0
500MB-300MB	*****	*****	*****	*****	1.0
TEMPERATURE (K)					
SURFACE-850MB	273.7	276.1	278.5	280.0	285.1
850MB-700MB	269.2	271.7	273.3	274.5	277.8
700MB-500MB	258.8	261.0	262.7	263.7	266.1
500MB-400MB	245.7	247.6	249.3	250.2	251.4
400MB-300MB	233.0	234.4	236.3	236.9	237.5
300MB-200MB	219.0	218.7	220.6	220.2	220.8
200MB-100MB	214.1	212.4	211.9	210.4	210.5
100MB-70MB	214.6	213.6	211.7	211.7	210.7
70MB-50MB	215.3	214.2	214.2	213.2	213.2
50MB-30MB	215.4	215.4	215.4	215.4	216.0
30MB-10MB	218.3	218.6	219.6	220.8	222.4
10MB-5MB	223.7	223.8	226.5	226.0	231.2
5MB-2MB	236.1	236.4	239.5	238.8	244.4
2MB-1MB	248.4	248.4	249.7	251.6	254.8
1MB-0.4MB	254.0	253.5	253.1	255.9	257.9
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	230.47
HIRS/2 BAND 2	*****	*****	*****	*****	217.53
HIRS/2 BAND 3	*****	*****	*****	*****	217.02
HIRS/2 BAND 4	*****	*****	*****	*****	227.22
HIRS/2 BAND 5	*****	*****	*****	*****	244.41
HIRS/2 BAND 6	*****	*****	*****	*****	254.78
HIRS/2 BAND 7	*****	*****	*****	*****	269.47
HIRS/2 BAND 8	*****	*****	*****	*****	290.25
HIRS/2 BAND 9	*****	*****	*****	*****	266.34
HIRS/2 BAND 10	*****	*****	*****	*****	282.75
HIRS/2 BAND 11	*****	*****	*****	*****	255.70
HIRS/2 BAND 12	*****	*****	*****	*****	240.17
HIRS/2 BAND 13	*****	*****	*****	*****	272.86
HIRS/2 BAND 14	*****	*****	*****	*****	262.69
HIRS/2 BAND 15	*****	*****	*****	*****	245.72
HIRS/2 BAND 16	*****	*****	*****	*****	262.91
HIRS/2 BAND 17	*****	*****	*****	*****	236.55
HIRS/2 BAND 18	*****	*****	*****	*****	291.97
HIRS/2 BAND 19	*****	*****	*****	*****	293.41
HIRS/2 BAND 20	*****	*****	*****	*****	2015.94
MSU BAND 1	256.38	258.61	260.28	261.50	268.55
MSU BAND 2	244.92	245.98	247.50	247.80	250.70
MSU BAND 3	222.84	222.53	223.36	222.91	225.47
MSU BAND 4	213.50	212.73	212.25	211.50	212.06
SSU BAND 1	220.42	220.08	221.23	221.27	223.70
SSU BAND 2	229.53	229.36	231.41	230.92	234.09
SSU BAND 3	239.31	239.11	240.30	241.38	243.67

TABLE 1. CONTINUED

OCT. 30 TO OCT. 30

DAY: HOUR: MIN	30:20:37	30:20:37	30:20:37	30:20:37	30:20:37
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	41.24	41.57	43.42	42.00	43.64
LONGITUDE (DEG W)	93.50	91.58	92.20	88.69	90.78
SOLAR ZENITH (DEG)	66.36	67.59	68.66	69.44	69.54
BOX SIZE LxW (KM)	250x293	250x293	250x293	250x293	250x293
RELATIVE REFLECTANCE	0.08	0.11	0.27	0.13	0.10
SURFACE ALT (M)	288.	227.	351.	233.	313.
SURFACE TEMP (K)	290.0	290.0	284.0	289.0	286.0
SURFACE PRES (MB)	1000.	1000.	950.	1000.	1000.
TROP PRES (MB)	176.	187.	176.	181.	187.
TROP TEMP (K)	211.9	211.6	211.2	212.5	213.2
OZONE (DOBSON)	269.	290.	296.	286.	280.
CLOUD COVER (%)	18.	23.	57.	32.	56.
CLOUD ALT (MB)	700.0	850.0	700.0	850.0	791.1
PRECIPITABLE WATER (MM)					
SURFACE-700MB	13.0	14.0	13.0	10.0	11.0
700MB-500MB	3.0	4.0	5.0	2.0	3.0
500MB-300MB	1.0	1.0	1.0	1.0	1.0
TEMPERATURE (K)					
SURFACE-850MB	285.9	284.6	286.9	281.3	281.7
850MB-700MB	278.6	277.0	278.2	274.7	274.7
700MB-500MB	266.0	265.7	263.8	263.8	262.9
500MB-400MB	250.9	251.1	248.8	249.1	247.9
400MB-300MB	237.2	237.3	236.2	235.9	234.9
300MB-200MB	221.4	220.4	220.8	220.8	220.4
200MB-100MB	210.6	210.5	211.1	211.4	211.8
100MB-70MB	210.7	210.7	212.6	210.7	211.7
70MB-50MB	212.2	213.2	213.2	213.2	213.2
50MB-30MB	215.4	215.4	215.4	215.4	214.7
30MB-10MB	221.4	220.8	220.2	221.4	220.8
10MB-5MB	230.5	228.4	225.9	227.9	228.5
5MB-2MB	246.2	242.0	241.3	243.6	243.3
2MB-1MB	256.3	255.5	257.7	258.5	254.8
1MB-0.4MB	258.5	259.6	262.0	262.0	258.0
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	226.11	228.19	224.23	225.94	224.38
HIRS/2 BAND 2	216.20	218.56	217.86	218.03	217.27
HIRS/2 BAND 3	215.00	218.31	219.97	217.77	215.69
HIRS/2 BAND 4	226.56	226.70	229.45	227.33	225.83
HIRS/2 BAND 5	244.20	243.52	243.59	243.48	242.13
HIRS/2 BAND 6	253.86	254.50	255.20	254.13	251.91
HIRS/2 BAND 7	269.30	266.38	266.64	267.39	265.81
HIRS/2 BAND 8	289.59	289.64	284.41	288.86	286.25
HIRS/2 BAND 9	266.30	264.92	262.38	265.02	262.47
HIRS/2 BAND 10	281.72	281.33	279.64	282.22	278.80
HIRS/2 BAND 11	254.91	250.47	244.03	254.55	251.66
HIRS/2 BAND 12	239.27	235.92	230.89	238.84	238.06
HIRS/2 BAND 13	272.61	271.66	270.70	271.56	269.63
HIRS/2 BAND 14	262.70	261.56	260.50	261.02	259.63
HIRS/2 BAND 15	245.77	244.53	243.66	243.86	243.03
HIRS/2 BAND 16	263.08	261.78	260.94	260.53	259.53
HIRS/2 BAND 17	235.86	235.75	234.94	235.45	234.55
HIRS/2 BAND 18	291.23	290.84	282.78	291.66	287.97
HIRS/2 BAND 19	292.56	292.80	278.08	293.55	289.34
HIRS/2 BAND 20	2014.44	2017.06	2025.88	2017.81	2015.75
MSU BAND 1	269.81	268.50	268.38	263.19	269.06
MSU BAND 2	250.75	250.05	249.08	248.88	248.39
MSU BAND 3	225.73	225.34	224.75	225.06	224.86
MSU BAND 4	211.66	212.09	212.31	212.13	212.13
SSU BAND 1	222.56	222.38	221.66	222.53	221.72
SSU BAND 2	233.45	233.33	232.33	233.11	232.47
SSU BAND 3	243.16	242.23	241.39	243.09	241.08

TABLE 1. CONTINUED

OCT. 30 TO OCT. 30

DAY: HOUR: MIN	30:20:38	30:20:38	30:23:49	30:23:49	30:23:49
MONTH	10	10	10	10	10
SATELLITE NO	9	9	6	6	6
LATITUDE (DEG N)	46.01	44.91	40.02	40.45	42.11
LONGITUDE (DEG W)	93.11	89.96	88.92	86.25	92.65
SOLAR ZENITH (DEG)	70.21	70.90	*****	*****	*****
BOX SIZE LxW (KM)	250x293	250x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	*****	0.11	*****	*****	*****
SURFACE ALT (M)	344.	372.	201.	241.	295.
SURFACE TEMP (K)	285.0	283.0	288.0	285.0	288.0
SURFACE PRES (MB)	950.	950.	1000.	1000.	1000.
TROP PRES (MB)	197.	197.	187.	192.	192.
TROP TEMP (K)	212.0	213.3	210.7	212.3	210.4
OZONE (DOBSON)	****	287.	****	****	****
CLOUD COVER (%)	***	36.	***	***	***
CLOUD ALT (MB)	*****	850.0	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	6.0	*****	*****	*****
700MB-500MB	*****	2.0	*****	*****	*****
500MB-300MB	*****	1.0	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	279.5	277.1	284.4	282.5	285.1
850MB-700MB	275.6	272.4	278.4	276.8	279.1
700MB-500MB	263.7	262.3	266.8	265.6	267.3
500MB-400MB	248.3	247.4	252.8	251.7	252.9
400MB-300MB	234.5	233.8	238.6	238.0	238.6
300MB-200MB	218.7	219.2	220.3	220.8	219.8
200MB-100MB	211.7	211.9	209.1	210.4	209.3
100MB-70MB	212.6	212.6	210.7	210.7	210.7
70MB-50MB	213.2	214.2	213.2	213.2	213.2
50MB-30MB	214.7	214.7	215.4	215.4	215.4
30MB-10MB	219.2	219.6	221.7	221.7	220.5
10MB-5MB	224.4	225.8	229.1	229.3	227.1
5MB-2MB	241.7	240.8	243.1	242.8	240.6
2MB-1MB	258.1	255.6	254.7	253.5	251.9
1MB-0.4MB	262.4	260.0	257.2	255.9	255.2
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	222.72	224.56	*****	*****	*****
HIRS/2 BAND 2	216.50	218.19	*****	*****	*****
HIRS/2 BAND 3	215.47	217.59	*****	*****	*****
HIRS/2 BAND 4	*****	225.98	*****	*****	*****
HIRS/2 BAND 5	*****	241.70	*****	*****	*****
HIRS/2 BAND 6	*****	252.17	*****	*****	*****
HIRS/2 BAND 7	*****	264.81	*****	*****	*****
HIRS/2 BAND 8	*****	282.77	*****	*****	*****
HIRS/2 BAND 9	*****	261.03	*****	*****	*****
HIRS/2 BAND 10	*****	278.27	*****	*****	*****
HIRS/2 BAND 11	*****	255.86	*****	*****	*****
HIRS/2 BAND 12	*****	239.58	*****	*****	*****
HIRS/2 BAND 13	*****	267.94	*****	*****	*****
HIRS/2 BAND 14	*****	258.14	*****	*****	*****
HIRS/2 BAND 15	*****	241.91	*****	*****	*****
HIRS/2 BAND 16	*****	257.86	*****	*****	*****
HIRS/2 BAND 17	232.94	233.86	*****	*****	*****
HIRS/2 BAND 18	*****	285.69	*****	*****	*****
HIRS/2 BAND 19	*****	286.80	*****	*****	*****
HIRS/2 BAND 20	*****	2015.75	*****	*****	*****
MSU BAND 1	265.66	266.63	267.22	265.64	267.70
MSU BAND 2	247.70	247.55	250.58	249.77	250.92
MSU BAND 3	224.44	224.47	223.45	223.64	223.39
MSU BAND 4	212.09	212.58	211.56	211.88	211.75
SSU BAND 1	220.06	221.13	222.91	223.05	221.63
SSU BAND 2	230.53	231.61	233.70	233.67	232.00
SSU BAND 3	241.30	240.67	243.98	243.30	241.80

TABLE 1. CONTINUED

OCT. 30 TO OCT. 30

DAY: HOUR: MIN	30:23:49	30:23:49	30:23:50	30:23:50	30:23:50
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	6
LATITUDE (DEG N)	42.64	43.09	44.69	45.24	45.71
LONGITUDE (DEG W)	89.82	87.04	93.74	90.78	87.89
SOLAR ZENITH (DEG)	*****	*****	*****	*****	*****
BOX SIZE LxW (KM)	518x293	518x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	272.	148.	309.	387.	310.
SURFACE TEMP (K)	282.0	282.0	282.0	283.0	279.0
SURFACE PRES (MB)	1000.	1000.	1000.	950.	1000.
TROP PRES (MB)	197.	197.	192.	230.	235.
TROP TEMP (K)	211.0	211.6	210.5	211.0	212.0
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	282.7	280.6	283.8	279.2	277.5
850MB-700MB	277.1	275.0	277.8	273.6	271.7
700MB-500MB	265.6	264.0	266.3	262.5	260.5
500MB-400MB	251.4	250.2	252.2	248.6	247.0
400MB-300MB	237.4	236.3	237.9	233.7	232.4
300MB-200MB	219.2	219.0	219.5	215.1	215.5
200MB-100MB	210.1	210.9	209.6	214.2	215.0
100MB-70MB	211.7	212.6	211.7	214.6	214.6
70MB-50MB	213.2	214.2	214.2	215.3	215.3
50MB-30MB	216.0	215.4	214.7	215.4	215.4
30MB-10MB	220.2	219.9	218.6	218.9	219.2
10MB-5MB	227.1	225.9	224.2	225.6	226.1
5MB-2MB	240.5	239.9	238.7	238.3	237.6
2MB-1MB	251.8	253.3	251.8	249.3	246.8
1MB-0.4MB	255.2	257.6	256.3	254.5	251.5
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	*****
HIRS/2 BAND 2	*****	*****	*****	*****	*****
HIRS/2 BAND 3	*****	*****	*****	*****	*****
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	*****	*****
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	265.84	242.84	266.67	263.25	249.53
MSU BAND 2	249.53	248.28	250.03	248.00	246.75
MSU BAND 3	223.08	222.92	223.14	222.58	222.47
MSU BAND 4	212.17	212.44	211.78	212.25	212.56
SSU BAND 1	221.73	221.39	219.77	220.11	220.11
SSU BAND 2	232.00	231.61	230.39	230.16	230.19
SSU BAND 3	241.80	242.61	241.09	240.86	239.34

TABLE 1. CONTINUED

OCT. 31 TO OCT. 31

DAY: HOUR: MIN	31: 8:59	31:10:38	31:20:26	31:20:26	31:20:26
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	42.42	46.48	40.87	41.46	41.20
LONGITUDE (DEG W)	86.51	92.09	93.01	89.82	86.54
SOLAR ZENITH (DEG)	90.00	90.00	65.23	67.28	68.81
BOX SIZE LxW (KM)	250x293	250x293	309x293	250x293	250x293
RELATIVE REFLECTANCE	*****	*****	0.10	0.13	0.10
SURFACE ALT (M)	157.	356.	277.	215.	223.
SURFACE TEMP (K)	285.0	282.0	292.0	291.0	290.0
SURFACE PRES (MB)	1000.	950.	1000.	1000.	1000.
TROP PRES (MB)	181.	181.	176.	165.	165.
TROP TEMP (K)	208.1	211.1	208.8	208.2	208.4
OZONE (DOBSON)	271.	****	278.	268.	262.
CLOUD COVER (%)	79.	***	99.	31.	23.
CLOUD ALT (MB)	720.9	*****	750.0	796.8	850.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	15.0	*****	18.0	16.0	14.0
700MB-500MB	3.0	*****	4.0	3.0	1.0
500MB-300MB	1.0	*****	1.0	1.0	0.0
TEMPERATURE (K)					
SURFACE-850MB	284.2	281.4	288.6	287.4	287.0
850MB-700MB	277.5	277.8	281.0	280.1	280.3
700MB-500MB	266.6	265.9	269.6	269.4	269.4
500MB-400MB	251.1	250.3	254.3	254.3	253.7
400MB-300MB	236.6	236.7	239.7	240.1	238.7
300MB-200MB	218.7	220.1	220.4	221.9	221.0
200MB-100MB	207.9	210.3	208.0	208.1	208.0
100MB-70MB	209.8	209.8	209.8	208.8	207.9
70MB-50MB	212.2	212.2	211.2	212.2	212.2
50MB-30MB	216.0	214.7	215.4	215.4	215.4
30MB-10MB	223.3	221.4	222.4	223.0	223.0
10MB-5MB	231.5	226.3	229.6	232.0	230.4
5MB-2MB	244.1	241.6	244.8	246.1	246.2
2MB-1MB	251.9	254.7	258.1	254.3	258.7
1MB-0.4MB	254.6	259.1	261.1	256.9	261.0
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	224.77	222.41	226.34	228.75	223.47
HIRS/2 BAND 2	214.81	214.83	217.44	214.75	216.47
HIRS/2 BAND 3	215.61	214.80	217.05	215.97	215.91
HIRS/2 BAND 4	226.34	*****	226.77	228.98	227.86
HIRS/2 BAND 5	243.88	*****	245.41	246.00	246.20
HIRS/2 BAND 6	253.67	*****	256.36	256.70	257.23
HIRS/2 BAND 7	265.59	*****	267.83	269.64	271.63
HIRS/2 BAND 8	285.16	*****	292.31	290.78	289.72
HIRS/2 BAND 9	263.50	*****	267.78	268.09	269.09
HIRS/2 BAND 10	278.94	*****	283.58	284.33	285.86
HIRS/2 BAND 11	254.81	*****	254.03	259.77	264.38
HIRS/2 BAND 12	237.73	*****	235.88	240.80	243.72
HIRS/2 BAND 13	270.09	*****	274.30	274.50	274.84
HIRS/2 BAND 14	260.52	*****	264.17	264.33	264.69
HIRS/2 BAND 15	244.02	*****	246.84	246.89	247.02
HIRS/2 BAND 16	260.42	*****	264.42	264.72	264.48
HIRS/2 BAND 17	230.84	230.03	236.44	235.80	235.98
HIRS/2 BAND 18	286.03	*****	291.88	294.23	293.13
HIRS/2 BAND 19	286.20	*****	292.88	295.98	294.41
HIRS/2 BAND 20	*****	*****	2017.44	2019.25	2016.00
MSU BAND 1	251.22	262.02	272.56	270.86	268.08
MSU BAND 2	249.38	248.77	252.25	252.27	252.34
MSU BAND 3	224.14	224.67	225.73	225.56	225.50
MSU BAND 4	210.58	210.47	211.08	210.52	210.44
SSU BAND 1	222.06	219.70	222.77	222.56	222.88
SSU BAND 2	232.13	230.20	233.73	233.25	233.50
SSU BAND 3	240.75	240.05	243.50	243.52	243.27

C-2

TABLE 1. CONTINUED

OCT. 31 TO OCT. 31

DAY: HOUR: MIN	31:20:26	31:20:26	31:20:27	31:20:27	31:20:27
MONTH	10	10	10	10	10
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	42.77	44.70	44.41	46.74	46.82
LONGITUDE (DEG W)	93.41	86.29	90.87	91.02	87.83
SOLAR ZENITH (DEG)	66.54	71.49	69.03	70.77	72.30
BOX SIZE LxW (KM)	250x293	250x293	250x293	250x293	250x293
RELATIVE REFLECTANCE	*****	0.33	*****	*****	*****
SURFACE ALT (M)	346.	165.	315.	325.	247.
SURFACE TEMP (K)	289.0	286.0	288.0	279.0	274.0
SURFACE PRES (MB)	950.	1000.	1000.	950.	1000.
TROP PRES (MB)	181.	170.	181.	192.	187.
TROP TEMP (K)	211.9	208.0	212.0	212.0	212.3
OZONE (DOBSON)	****	262.	****	****	****
CLOUD COVER (%)	***	99.	***	***	***
CLOUD ALT (MB)	*****	611.1	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	21.0	*****	*****	*****
700MB-500MB	*****	4.0	*****	*****	*****
500MB-300MB	*****	1.0	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	283.5	291.8	282.7	280.4	280.6
850MB-700MB	278.6	281.5	277.8	276.6	277.1
700MB-500MB	266.5	268.4	266.0	264.7	265.2
500MB-400MB	251.6	252.8	250.8	249.4	250.0
400MB-300MB	237.5	239.1	237.2	235.6	236.6
300MB-200MB	221.0	220.8	220.8	219.5	220.5
200MB-100MB	211.1	208.2	211.0	211.5	211.3
100MB-70MB	209.8	209.8	209.8	211.7	210.7
70MB-50MB	212.2	212.2	212.2	212.2	211.2
50MB-30MB	215.4	215.4	214.7	214.7	214.0
30MB-10MB	221.1	221.7	221.1	219.6	219.9
10MB-5MB	230.2	227.7	228.2	225.5	225.3
5MB-2MB	244.6	241.9	243.8	243.9	245.9
2MB-1MB	254.1	255.4	255.5	258.1	260.8
1MB-0.4MB	257.2	260.1	258.9	261.3	262.9
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	227.91	229.19	224.59	220.03	213.73
HIRS/2 BAND 2	215.52	216.78	215.73	214.75	214.30
HIRS/2 BAND 3	216.00	215.75	215.11	214.23	212.77
HIRS/2 BAND 4	*****	227.56	*****	*****	*****
HIRS/2 BAND 5	*****	244.63	*****	*****	*****
HIRS/2 BAND 6	*****	256.27	*****	*****	*****
HIRS/2 BAND 7	*****	268.22	*****	*****	*****
HIRS/2 BAND 8	*****	285.95	*****	*****	*****
HIRS/2 BAND 9	*****	266.80	*****	*****	*****
HIRS/2 BAND 10	*****	282.67	*****	*****	*****
HIRS/2 BAND 11	*****	249.22	*****	*****	*****
HIRS/2 BAND 12	*****	235.41	*****	*****	*****
HIRS/2 BAND 13	*****	272.13	*****	*****	*****
HIRS/2 BAND 14	*****	263.17	*****	*****	*****
HIRS/2 BAND 15	*****	246.59	*****	*****	*****
HIRS/2 BAND 16	*****	263.00	*****	*****	*****
HIRS/2 BAND 17	235.28	235.03	234.27	233.47	233.39
HIRS/2 BAND 18	*****	283.36	*****	*****	*****
HIRS/2 BAND 19	*****	279.88	*****	*****	*****
HIRS/2 BAND 20	*****	2026.63	*****	*****	*****
MSU BAND 1	270.03	254.42	268.08	252.28	250.02
MSU BAND 2	250.13	250.36	249.48	248.28	248.53
MSU BAND 3	225.50	225.11	225.28	224.75	225.00
MSU BAND 4	211.30	210.70	211.13	211.50	210.91
SSU BAND 1	221.73	220.88	220.89	219.61	219.34
SSU BAND 2	232.97	231.88	231.89	230.67	230.47
SSU BAND 3	242.44	242.72	241.59	240.86	240.28

TABLE 1. CONTINUED

OCT. 31 TO OCT. 31

DAY: HOUR: MIN	31:23:25	31:23:25	31:23:26	31:23:26	31:23:26
MONTH	10	10	10	10	10
SATELLITE NO	6	6	6	6	6
LATITUDE (DEG N)	40.57	42.80	43.12	45.40	45.66
LONGITUDE (DEG W)	89.78	86.86	90.97	87.96	92.27
SOLAR ZENITH (DEG)	*****	*****	*****	*****	*****
BOX SIZE LxW (KM)	309x293	309x293	309x293	309x293	309x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	194.	148.	297.	283.	329.
SURFACE TEMP (K)	288.0	282.0	284.0	*****	280.0
SURFACE PRES (MB)	1000.	1000.	1000.	*****	950.
TROP PRES (MB)	143.	181.	176.	224.	224.
TROP TEMP (K)	206.5	209.2	209.9	211.5	213.9
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	288.2	287.2	285.3	*****	277.7
850MB-700MB	281.5	280.7	278.9	*****	272.0
700MB-500MB	269.5	268.8	267.5	*****	261.0
500MB-400MB	255.1	254.2	253.4	*****	247.9
400MB-300MB	240.7	239.9	239.7	*****	234.3
300MB-200MB	221.4	220.4	221.1	*****	217.9
200MB-100MB	207.2	207.8	208.3	*****	215.5
100MB-700MB	208.8	209.8	209.8	213.6	212.6
70MB-50MB	212.2	213.2	212.2	215.3	215.3
50MB-30MB	215.4	214.7	214.7	215.4	214.7
30MB-10MB	222.7	220.5	220.5	219.2	217.7
10MB-5MB	228.0	226.5	226.1	226.1	223.9
5MB-2MB	240.4	241.0	240.5	240.6	239.0
2MB-1MB	254.8	254.8	253.6	252.3	252.6
1MB-0.4MB	259.2	258.8	257.4	256.4	258.1
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	*****
HIRS/2 BAND 2	*****	*****	*****	*****	*****
HIRS/2 BAND 3	*****	*****	*****	*****	*****
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	*****	*****
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	269.02	243.27	268.28	257.78	259.72
MSU BAND 2	252.72	251.94	250.80	249.91	247.89
MSU BAND 3	223.80	223.44	223.38	223.30	223.31
MSU BAND 4	210.34	210.78	210.48	211.11	210.95
SSU BAND 1	222.67	221.11	220.66	219.28	218.75
SSU BAND 2	232.52	232.02	231.47	231.17	229.52
SSU BAND 3	243.75	243.42	242.47	242.23	242.27

TABLE 1. CONTINUED

NOV. 1 TO NOV. 1

DAY: HOUR: MIN	1: 8:48	1: 8:48	1: 8:48	1:10:29	1:10:30
MONTH	11	11	11	11	11
SATELLITE NO	9	9	9	6	6
LATITUDE (DEG N)	41.95	42.63	40.80	42.27	40.18
LONGITUDE (DEG W)	87.53	92.40	87.80	92.11	93.32
SOLAR ZENITH (DEG)	90.00	90.00	90.00	*****	*****
BOX SIZE LxW (KM)	309x293	309x293	309x293	250x293	250x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	192.	316.	207.	280.	280.
SURFACE TEMP (K)	282.0	286.0	282.0	285.0	291.0
SURFACE PRES (MB)	1000.	1000.	1000.	1000.	1000.
TROP PRES (MB)	160.	181.	170.	176.	176.
TROP TEMP (K)	208.6	209.0	209.2	209.5	208.8
OZONE (DOBSON)	295.	****	292.	****	****
CLOUD COVER (%)	57.	***	17.	***	***
CLOUD ALT (MB)	700.0	*****	700.0	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	19.0	*****	17.0	*****	*****
700MB-500MB	4.0	*****	3.0	*****	*****
500MB-300MB	1.0	*****	1.0	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	285.3	284.6	287.8	283.0	287.0
850MB-700MB	278.9	279.3	281.4	278.2	280.7
700MB-500MB	267.6	266.9	268.8	266.3	268.1
500MB-400MB	251.4	250.9	253.1	250.5	252.3
400MB-300MB	236.9	236.4	238.7	236.2	237.5
300MB-200MB	220.2	218.7	220.9	219.2	219.5
200MB-100MB	208.6	208.2	208.5	208.7	207.9
100MB-700MB	208.8	209.8	207.9	209.8	208.8
700MB-500MB	211.2	212.2	212.2	212.2	212.2
500MB-300MB	216.0	215.4	215.4	214.7	215.4
300MB-100MB	223.3	223.9	223.6	223.6	224.8
100MB-500MB	229.7	232.9	232.3	231.0	233.3
500MB-200MB	244.2	244.4	244.8	244.1	244.5
200MB-100MB	257.3	250.1	253.1	254.5	252.8
100MB-0.4MB	260.6	252.8	256.0	257.4	255.7
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	226.17	227.67	229.44	224.59	230.30
HIRS/2 BAND 2	216.78	215.38	217.44	216.56	217.20
HIRS/2 BAND 3	215.55	215.20	214.66	215.59	216.39
HIRS/2 BAND 4	225.70	*****	225.94	*****	*****
HIRS/2 BAND 5	242.42	*****	244.89	*****	*****
HIRS/2 BAND 6	252.70	*****	254.81	*****	*****
HIRS/2 BAND 7	264.61	*****	267.08	*****	*****
HIRS/2 BAND 8	281.64	*****	282.00	*****	*****
HIRS/2 BAND 9	262.42	*****	262.67	*****	*****
HIRS/2 BAND 10	276.83	*****	277.56	*****	*****
HIRS/2 BAND 11	255.95	*****	257.53	*****	*****
HIRS/2 BAND 12	237.64	*****	241.89	*****	*****
HIRS/2 BAND 13	269.19	*****	269.88	*****	*****
HIRS/2 BAND 14	260.23	*****	261.45	*****	*****
HIRS/2 BAND 15	243.80	*****	245.53	*****	*****
HIRS/2 BAND 16	258.59	*****	259.94	*****	*****
HIRS/2 BAND 17	232.25	230.69	233.72	231.75	232.39
HIRS/2 BAND 18	282.77	*****	281.48	*****	*****
HIRS/2 BAND 19	282.73	*****	281.75	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	262.86	261.06	268.05	260.50	263.91
MSU BAND 2	250.59	249.22	251.06	248.80	250.67
MSU BAND 3	224.97	224.06	225.52	224.20	224.58
MSU BAND 4	210.33	210.05	210.53	210.08	210.08
SSU BAND 1	222.34	221.59	222.97	221.80	223.19
SSU BAND 2	232.73	232.66	233.47	232.84	233.94
SSU BAND 3	243.23	241.14	243.08	241.50	243.11

TABLE 1. CONTINUED

NOV. 1 TO NOV. 1

DAY: HOUR: MIN	1:13:18	1:13:19	1:13:19	1:13:19	1:13:21
MONTH	11	11	11	11	11
SATELLITE NO	6	6	6	6	6
LATITUDE (DEG N)	46.51	43.99	46.17	44.70	40.27
LONGITUDE (DEG W)	86.81	88.14	91.27	91.93	93.73
SOLAR ZENITH (DEG)	*****	*****	*****	*****	*****
BOX SIZE LxW (KM)	518x293	518x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	225.	226.	328.	318.	284.
SURFACE TEMP (K)	278.0	287.0	282.0	283.0	288.0
SURFACE PRES (MB)	1000.	1000.	950.	950.	1000.
TROP PRES (MB)	230.	192.	235.	197.	176.
TROP TEMP (K)	213.3	210.7	213.9	212.3	209.8
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	275.4	281.3	272.1	278.0	284.4
850MB-700MB	269.9	275.6	267.6	273.4	278.4
700MB-500MB	259.0	264.6	257.1	262.9	266.8
500MB-400MB	246.0	250.8	244.2	249.4	252.9
400MB-300MB	232.4	237.4	230.7	236.6	239.2
300MB-200MB	216.7	219.5	216.5	219.8	220.8
200MB-100MB	214.9	208.9	215.5	210.1	208.0
100MB-70MB	213.6	211.7	214.6	212.6	209.8
70MB-50MB	214.2	213.2	214.2	213.2	212.2
50MB-30MB	214.0	214.0	214.0	214.0	214.7
30MB-10MB	217.7	219.6	217.4	218.9	221.4
10MB-5MB	224.3	226.3	224.2	225.3	228.7
5MB-2MB	239.0	242.3	238.1	240.9	243.2
2MB-1MB	252.4	252.3	250.9	251.5	253.4
1MB-0.4MB	258.1	254.3	256.8	254.2	255.2
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	*****
HIRS/2 BAND 2	*****	*****	*****	*****	*****
HIRS/2 BAND 3	*****	*****	*****	*****	*****
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	*****	*****
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	237.48	254.28	253.97	259.50	266.83
MSU BAND 2	246.14	247.84	244.70	246.59	250.08
MSU BAND 3	222.38	222.27	222.14	222.33	223.05
MSU BAND 4	210.86	210.67	211.53	211.00	210.30
SSU BAND 1	218.78	219.72	218.56	219.34	221.73
SSU BAND 2	229.78	231.56	230.02	230.86	232.95
SSU BAND 3	242.23	241.53	241.23	240.86	242.78

TABLE 1. CONTINUED

NOV. 1 TO NOV. 1

DAY: HOUR: MIN	1:20:15	1:20:16	1:20:16	1:20:16	1:20:16
MONTH	11	11	11	11	11
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	40.63	43.01	43.13	45.44	47.29
LONGITUDE (DEG W)	91.68	93.54	89.04	91.43	89.98
SOLAR ZENITH (DEG)	64.64	65.73	67.88	68.63	70.74
BOX SIZE LxW (KM)	518x293	518x293	518x293	250x293	250x293
RELATIVE REFLECTANCE	*****	*****	0.24	0.30	0.03
SURFACE ALT (M)	213.	357.	274.	373.	242.
SURFACE TEMP (K)	291.0	287.0	274.0	275.0	277.0
SURFACE PRES (MB)	1000.	950.	1000.	950.	1000.
TROP PRES (MB)	176.	181.	170.	170.	181.
TROP TEMP (K)	210.3	211.3	208.6	213.2	215.3
OZONE (DOBSON)	****	****	299.	318.	327.
CLOUD COVER (%)	***	***	99.	77.	71.
CLOUD ALT (MB)	*****	*****	544.4	329.9	850.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	16.0	4.0	3.0
700MB-500MB	*****	*****	4.0	0.0	0.0
500MB-300MB	*****	*****	1.0	0.0	0.0
TEMPERATURE (K)					
SURFACE-850MB	284.4	278.9	281.5	271.5	270.1
850MB-700MB	279.3	275.4	276.6	269.2	265.9
700MB-500MB	267.1	264.3	266.4	260.4	257.1
500MB-400MB	251.7	249.0	251.4	245.4	242.5
400MB-300MB	237.6	235.1	237.6	232.8	230.7
300MB-200MB	220.5	219.5	220.3	220.8	220.4
200MB-100MB	209.3	210.6	208.4	212.3	213.9
100MB-70MB	208.8	210.7	209.8	211.7	213.6
70MB-50MB	211.2	212.2	212.2	213.2	213.2
50MB-30MB	215.4	214.7	215.4	215.4	214.0
30MB-10MB	223.6	222.7	222.4	221.1	219.2
10MB-5MB	232.6	229.0	229.6	227.9	224.1
5MB-2MB	247.9	245.0	246.3	243.8	241.4
2MB-1MB	257.0	257.9	258.9	256.0	258.4
1MB-0.4MB	258.6	261.0	261.3	259.4	262.9
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	225.83	226.61	224.25	223.97	222.73
HIRS/2 BAND 2	215.83	215.91	216.45	214.36	216.45
HIRS/2 BAND 3	215.31	215.17	214.48	216.02	216.92
HIRS/2 BAND 4	*****	*****	225.69	226.39	225.11
HIRS/2 BAND 5	*****	*****	242.86	240.06	239.67
HIRS/2 BAND 6	*****	*****	251.63	249.48	248.84
HIRS/2 BAND 7	*****	*****	261.36	261.45	261.19
HIRS/2 BAND 8	*****	*****	273.80	275.25	277.03
HIRS/2 BAND 9	*****	*****	257.25	255.80	255.58
HIRS/2 BAND 10	*****	*****	270.92	272.69	274.36
HIRS/2 BAND 11	*****	*****	253.75	258.06	256.27
HIRS/2 BAND 12	*****	*****	239.23	241.19	244.22
HIRS/2 BAND 13	*****	*****	263.56	262.98	263.38
HIRS/2 BAND 14	*****	*****	255.97	254.16	253.34
HIRS/2 BAND 15	*****	*****	243.39	240.28	238.38
HIRS/2 BAND 16	*****	*****	256.63	254.67	253.91
HIRS/2 BAND 17	237.19	235.95	235.91	234.03	232.86
HIRS/2 BAND 18	*****	*****	283.05	276.45	279.78
HIRS/2 BAND 19	*****	*****	291.34	278.89	280.20
HIRS/2 BAND 20	*****	*****	2025.06	2027.13	2004.56
MSU BAND 1	266.61	262.56	260.17	258.53	224.78
MSU BAND 2	249.97	247.28	248.28	244.97	243.36
MSU BAND 3	224.95	224.23	224.61	224.00	223.73
MSU BAND 4	210.25	210.66	210.61	211.08	211.80
SSU BAND 1	222.80	221.11	221.59	220.42	219.36
SSU BAND 2	234.09	232.53	233.00	231.52	230.89
SSU BAND 3	243.95	243.58	243.50	241.53	241.05

TABLE 1. CONTINUED

NOV. 1 TO NOV. 2

DAY: HOUR: MIN	1:23: 1	1:23: 2	1:23: 2	1:23: 2	2: 0:41
MONTH	11	11	11	11	11
SATELLITE NO	6	6	6	6	6
LATITUDE (DEG N)	41.82	44.30	46.34	46.77	41.14
LONGITUDE (DEG W)	88.32	89.74	86.57	91.27	93.10
SOLAR ZENITH (DEG)	*****	*****	*****	*****	*****
BOX SIZE LxW (KM)	518x293	518x293	518x293	518x293	518x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	199.	305.	195.	322.	278.
SURFACE TEMP (K)	285.0	284.0	280.0	280.0	288.0
SURFACE PRES (MB)	1000.	1000.	1000.	950.	1000.
TROP PRES (MB)	138.	187.	241.	241.	170.
TROP TEMP (K)	205.5	210.9	214.7	217.2	208.4
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	285.7	280.9	271.2	268.5	285.1
850MB-700MB	279.4	275.2	266.4	264.5	278.6
700MB-500MB	267.6	264.3	256.3	254.5	267.0
500MB-400MB	253.5	250.9	243.1	241.8	253.1
400MB-300MB	239.8	237.6	230.3	229.9	239.4
300MB-200MB	220.8	220.1	217.0	218.8	220.3
200MB-100MB	206.7	209.2	215.9	216.6	206.9
100MB-70MB	209.8	210.7	213.6	213.6	209.8
70MB-50MB	212.2	214.2	214.2	214.2	212.2
50MB-30MB	214.7	214.0	214.7	214.7	215.4
30MB-10MB	221.4	219.2	218.3	217.4	222.4
10MB-5MB	228.6	226.1	225.2	223.7	227.4
5MB-2MB	243.9	243.0	239.2	237.8	241.0
2MB-1MB	255.5	255.1	251.5	250.4	256.2
1MB-0.4MB	257.6	257.5	256.8	256.1	260.6
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	*****
HIRS/2 BAND 2	*****	*****	*****	*****	*****
HIRS/2 BAND 3	*****	*****	*****	*****	*****
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	*****	*****
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	257.63	244.31	242.91	239.33	260.92
MSU BAND 2	250.33	247.61	244.11	243.44	249.78
MSU BAND 3	222.73	222.36	222.08	222.56	222.55
MSU BAND 4	209.52	210.39	211.34	211.00	209.63
SSU BAND 1	221.34	219.58	219.22	218.41	221.61
SSU BAND 2	233.08	231.95	230.50	229.14	232.25
SSU BAND 3	244.02	243.25	241.86	240.89	244.31

TABLE 1. CONTINUED

NOV. 2 TO NOV. 2

DAY: HOUR: MIN	2: 0:42	2: 0:42	2: 0:42	2: 8:36	2: 8:37
MONTH	11	11	11	11	11
SATELLITE NO	6	6	6	9	9
LATITUDE (DEG N)	43.77	45.27	45.42	44.66	42.84
LONGITUDE (DEG W)	93.62	93.92	91.67	86.75	87.86
SOLAR ZENITH (DEG)	*****	*****	*****	90.00	90.00
BOX SIZE LxW (KM)	518x293	518x293	518x293	309x293	309x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	350.	323.	373.	159.	184.
SURFACE TEMP (K)	280.0	277.0	281.0	280.0	280.0
SURFACE PRES (MB)	950.	950.	950.	1000.	1000.
TROP PRES (MB)	187.	230.	230.	187.	176.
TROP TEMP (K)	211.0	213.7	214.1	212.9	210.8
OZONE (DOBSON)	****	****	****	****	****
CLOUD COVER (%)	***	***	***	***	***
CLOUD ALT (MB)	*****	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	*****
700MB-500MB	*****	*****	*****	*****	*****
500MB-300MB	*****	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	280.1	273.1	273.4	275.4	279.4
850MB-700MB	275.4	268.5	268.9	272.7	275.9
700MB-500MB	264.4	257.9	258.2	262.1	264.7
500MB-400MB	250.9	245.0	245.1	247.0	249.3
400MB-300MB	238.0	231.8	232.2	233.8	235.7
300MB-200MB	220.4	216.9	217.3	219.5	219.8
200MB-100MB	208.5	214.9	215.1	211.5	209.7
100MB-70MB	210.7	212.6	212.6	210.7	209.8
70MB-50MB	213.2	213.2	214.2	213.2	212.2
50MB-30MB	215.4	214.0	214.7	214.7	215.4
30MB-10MB	221.1	218.3	218.3	222.4	223.9
10MB-5MB	224.1	224.6	225.4	228.1	230.8
5MB-2MB	237.6	238.7	239.3	244.6	245.5
2MB-1MB	255.0	250.8	250.8	259.0	257.4
1MB-0.4MB	261.4	256.1	255.4	262.2	260.3
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	225.08	226.75
HIRS/2 BAND 2	*****	*****	*****	216.39	216.61
HIRS/2 BAND 3	*****	*****	*****	215.09	214.77
HIRS/2 BAND 4	*****	*****	*****	*****	*****
HIRS/2 BAND 5	*****	*****	*****	*****	*****
HIRS/2 BAND 6	*****	*****	*****	*****	*****
HIRS/2 BAND 7	*****	*****	*****	*****	*****
HIRS/2 BAND 8	*****	*****	*****	*****	*****
HIRS/2 BAND 9	*****	*****	*****	*****	*****
HIRS/2 BAND 10	*****	*****	*****	*****	*****
HIRS/2 BAND 11	*****	*****	*****	*****	*****
HIRS/2 BAND 12	*****	*****	*****	*****	*****
HIRS/2 BAND 13	*****	*****	*****	*****	*****
HIRS/2 BAND 14	*****	*****	*****	*****	*****
HIRS/2 BAND 15	*****	*****	*****	*****	*****
HIRS/2 BAND 16	*****	*****	*****	*****	*****
HIRS/2 BAND 17	*****	*****	*****	231.66	232.28
HIRS/2 BAND 18	*****	*****	*****	*****	*****
HIRS/2 BAND 19	*****	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	255.78	253.52	247.88	243.98	247.91
MSU BAND 2	247.48	245.38	245.69	245.53	247.39
MSU BAND 3	222.30	222.09	222.39	224.05	224.27
MSU BAND 4	210.03	210.31	210.44	210.92	210.11
SSU BAND 1	220.05	219.05	219.05	221.17	222.08
SSU BAND 2	230.06	229.13	229.86	232.25	233.06
SSU BAND 3	243.02	241.48	241.38	243.33	243.81

TABLE 1. CONTINUED

NOV. 2 TO NOV. 2

DAY: HOUR: MIN	2:10:18	2:12:54	2:12:54	2:12:55	2:12:55
MONTH	11	11	11	11	11
SATELLITE NO	6	6	6	6	6
LATITUDE (DEG N)	42.63	47.05	47.42	44.00	44.45
LONGITUDE (DEG W)	92.59	88.11	91.17	86.14	89.12
SOLAR ZENITH (DEG)	*****	*****	*****	*****	*****
BOX SIZE LxW (KM)	250x293	250x293	250x293	309x293	309x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	*****
SURFACE ALT (M)	317.	209.	351.	185.	305.
SURFACE TEMP (K)	268.0	277.0	271.0	281.0	275.0
SURFACE PRES (MB)	950.	1000.	950.	1000.	1000.
TROP PRES (MB)	187.	246.	246.	197.	197.
TROP TEMP (K)	207.2	214.5	214.4	212.8	212.5
OZONE (DOBSON)	338.	****	****	****	****
CLOUD COVER (%)	59.	***	***	***	***
CLOUD ALT (MB)	500.0	*****	*****	*****	*****
PRECIPITABLE WATER (MM)					
SURFACE-700MB	12.0	*****	*****	*****	*****
700MB-500MB	4.0	*****	*****	*****	*****
500MB-300MB	1.0	*****	*****	*****	*****
TEMPERATURE (K)					
SURFACE-850MB	281.4	267.2	267.5	277.3	275.8
850MB-700MB	277.8	263.8	264.1	272.2	271.0
700MB-500MB	265.4	253.7	254.0	261.9	260.7
500MB-400MB	249.0	240.7	241.1	248.8	248.0
400MB-300MB	234.0	228.0	228.4	236.2	235.4
300MB-200MB	216.5	216.3	216.2	220.0	219.5
200MB-100MB	207.3	216.0	216.0	211.0	210.6
100MB-70MB	210.7	214.6	212.6	210.7	212.6
70MB-50MB	213.2	214.2	214.2	214.2	213.2
50MB-30MB	216.0	214.0	214.0	214.7	215.4
30MB-10MB	225.5	217.4	216.8	220.5	219.9
10MB-5MB	230.0	224.7	223.6	227.8	226.4
5MB-2MB	242.8	238.0	236.9	243.6	242.1
2MB-1MB	257.4	250.1	249.4	255.0	254.4
1MB-0.4MB	261.4	256.1	255.9	257.0	257.2
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	225.83	*****	*****	*****	*****
HIRS/2 BAND 2	215.70	*****	*****	*****	*****
HIRS/2 BAND 3	216.75	*****	*****	*****	*****
HIRS/2 BAND 4	225.53	*****	*****	*****	*****
HIRS/2 BAND 5	241.52	*****	*****	*****	*****
HIRS/2 BAND 6	250.59	*****	*****	*****	*****
HIRS/2 BAND 7	259.64	*****	*****	*****	*****
HIRS/2 BAND 8	268.02	*****	*****	*****	*****
HIRS/2 BAND 9	250.16	*****	*****	*****	*****
HIRS/2 BAND 10	265.81	*****	*****	*****	*****
HIRS/2 BAND 11	253.55	*****	*****	*****	*****
HIRS/2 BAND 12	241.14	*****	*****	*****	*****
HIRS/2 BAND 13	260.38	*****	*****	*****	*****
HIRS/2 BAND 14	253.67	*****	*****	*****	*****
HIRS/2 BAND 15	240.66	*****	*****	*****	*****
HIRS/2 BAND 16	252.81	*****	*****	*****	*****
HIRS/2 BAND 17	231.91	*****	*****	*****	*****
HIRS/2 BAND 18	266.91	*****	*****	*****	*****
HIRS/2 BAND 19	267.11	*****	*****	*****	*****
HIRS/2 BAND 20	*****	*****	*****	*****	*****
MSU BAND 1	255.53	236.70	246.61	236.23	255.69
MSU BAND 2	247.19	242.09	242.33	245.72	244.58
MSU BAND 3	222.25	221.41	221.30	222.22	221.77
MSU BAND 4	209.44	211.73	211.25	210.91	210.84
SSU BAND 1	221.08	218.67	218.42	221.06	220.30
SSU BAND 2	232.38	230.47	229.08	232.92	231.86
SSU BAND 3	242.58	240.91	240.42	243.63	243.00

TABLE 1. CONTINUED

NOV. 2 TO NOV. 2

DAY: HOUR: MIN	2:12:55	2:12:56	2:12:56	2:12:56	2:20: 4
MONTH	11	11	11	11	11
SATELLITE NO	6	6	6	6	9
LATITUDE (DEG N)	44.80	41.41	41.84	42.19	40.39
LONGITUDE (DEG W)	92.04	87.21	90.07	92.86	88.45
SOLAR ZENITH (DEG)	*****	*****	*****	*****	64.95
BOX SIZE LxW (KM)	309x293	309x293	309x293	309x293	309x293
RELATIVE REFLECTANCE	*****	*****	*****	*****	0.09
SURFACE ALT (M)	321.	200.	232.	301.	216.
SURFACE TEMP (K)	271.0	283.0	278.0	275.0	285.0
SURFACE PRES (MB)	950.	1000.	1000.	1000.	1000.
TROP PRES (MB)	197.	187.	192.	192.	181.
TROP TEMP (K)	212.3	209.8	211.1	211.3	208.2
OZONE (DOBSON)	****	****	****	****	315.
CLOUD COVER (%)	***	***	***	***	21.
CLOUD ALT (MB)	*****	*****	*****	*****	850.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	*****	*****	*****	*****	12.0
700MB-500MB	*****	*****	*****	*****	3.0
500MB-300MB	*****	*****	*****	*****	1.0
TEMPERATURE (K)					
SURFACE-850MB	275.5	282.1	280.4	280.0	282.5
850MB-700MB	271.3	276.3	275.0	274.7	276.1
700MB-500MB	261.2	265.1	264.1	263.8	265.1
500MB-400MB	248.0	251.2	250.6	250.5	249.9
400MB-300MB	235.6	237.8	237.5	237.3	235.7
300MB-200MB	219.5	219.3	219.8	220.0	218.4
200MB-100MB	210.5	208.1	208.8	209.2	208.3
100MB-70MB	211.7	210.7	210.7	210.7	210.7
70MB-50MB	214.2	213.2	213.2	213.2	213.2
50MB-30MB	214.0	214.7	214.7	214.7	215.4
30MB-10MB	219.9	222.0	221.4	220.5	224.8
10MB-5MB	225.7	229.3	227.8	226.8	233.8
5MB-2MB	241.2	244.1	242.4	242.4	249.9
2MB-1MB	252.3	255.0	254.6	254.3	260.0
1MB-0.4MB	255.0	256.6	257.4	256.9	260.7
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	*****	*****	*****	*****	227.25
HIRS/2 BAND 2	*****	*****	*****	*****	215.91
HIRS/2 BAND 3	*****	*****	*****	*****	216.08
HIRS/2 BAND 4	*****	*****	*****	*****	226.31
HIRS/2 BAND 5	*****	*****	*****	*****	242.81
HIRS/2 BAND 6	*****	*****	*****	*****	252.25
HIRS/2 BAND 7	*****	*****	*****	*****	265.44
HIRS/2 BAND 8	*****	*****	*****	*****	284.55
HIRS/2 BAND 9	*****	*****	*****	*****	261.41
HIRS/2 BAND 10	*****	*****	*****	*****	278.08
HIRS/2 BAND 11	*****	*****	*****	*****	253.66
HIRS/2 BAND 12	*****	*****	*****	*****	239.80
HIRS/2 BAND 13	*****	*****	*****	*****	268.84
HIRS/2 BAND 14	*****	*****	*****	*****	259.05
HIRS/2 BAND 15	*****	*****	*****	*****	243.42
HIRS/2 BAND 16	*****	*****	*****	*****	258.95
HIRS/2 BAND 17	*****	*****	*****	*****	237.98
HIRS/2 BAND 18	*****	*****	*****	*****	288.36
HIRS/2 BAND 19	*****	*****	*****	*****	291.48
HIRS/2 BAND 20	*****	*****	*****	*****	2015.81
MSU BAND 1	257.69	255.50	260.19	260.08	267.05
MSU BAND 2	244.66	248.08	247.22	246.97	248.98
MSU BAND 3	221.67	222.11	222.14	222.13	223.23
MSU BAND 4	210.67	210.33	210.25	210.25	210.75
SSU BAND 1	219.58	221.98	221.27	220.34	223.59
SSU BAND 2	230.95	233.42	232.41	231.94	235.22
SSU BAND 3	241.42	243.86	243.38	242.94	246.05

TABLE 1. CONTINUED

NOV. 2 TO NOV. 2

DAY: HOUR: MIN	2:20: 4	2:20: 4	2:20: 5	2:20: 5	2:20: 5
MONTH	11	11	11	11	11
SATELLITE NO	9	9	9	9	9
LATITUDE (DEG N)	42.13	42.38	41.94	42.60	43.30
LONGITUDE (DEG W)	87.67	86.36	92.19	91.05	89.67
SOLAR ZENITH (DEG)	66.72	67.54	64.52	65.56	66.75
BOX SIZE LxW (KM)	309x293	309x293	250x293	250x293	250x293
RELATIVE REFLECTANCE	0.04	0.03	0.09	0.07	0.07
SURFACE ALT (M)	185.	169.	271.	290.	283.
SURFACE TEMP (K)	282.0	283.0	280.0	279.0	279.0
SURFACE PRES (MB)	1000.	1000.	1000.	1000.	1000.
TROP PRES (MB)	192.	192.	187.	187.	187.
TROP TEMP (K)	210.2	209.9	208.8	209.1	208.7
OZONE (DOBSON)	310.	295.	301.	304.	308.
CLOUD COVER (%)	24.	37.	11.	9.	16.
CLOUD ALT (MB)	850.0	850.0	850.0	850.0	850.0
PRECIPITABLE WATER (MM)					
SURFACE-700MB	7.0	6.0	9.0	8.0	8.0
700MB-500MB	1.0	0.0	0.0	0.0	0.0
500MB-300MB	0.0	0.0	0.0	0.0	0.0
TEMPERATURE (K)					
SURFACE-850MB	278.5	277.7	279.4	277.9	276.9
850MB-700MB	273.1	272.7	274.5	273.4	272.4
700MB-500MB	263.3	262.6	264.8	263.4	262.9
500MB-400MB	247.7	247.1	248.8	247.7	246.8
400MB-300MB	233.4	232.8	234.2	233.1	232.3
300MB-200MB	217.6	217.4	217.6	217.2	216.6
200MB-100MB	209.7	209.4	208.7	209.0	208.8
100MB-70MB	211.7	211.7	212.6	211.7	211.7
70MB-50MB	213.2	213.2	213.2	213.2	214.2
50MB-30MB	216.0	216.0	214.7	215.4	214.7
30MB-10MB	223.9	223.6	223.3	222.7	223.6
10MB-5MB	230.8	231.5	230.8	229.6	230.2
5MB-2MB	245.0	248.0	246.7	246.8	245.1
2MB-1MB	259.6	261.0	259.2	261.8	259.0
1MB-0.4MB	262.5	262.1	261.4	263.8	261.7
BLACKBODY TEMP (K)					
HIRS/2 BAND 1	230.09	226.16	227.70	224.14	227.61
HIRS/2 BAND 2	218.41	218.61	216.14	217.11	218.45
HIRS/2 BAND 3	218.19	214.67	217.05	216.91	216.00
HIRS/2 BAND 4	225.89	224.41	226.36	225.72	224.34
HIRS/2 BAND 5	241.89	242.36	242.56	242.28	240.78
HIRS/2 BAND 6	252.89	251.91	253.23	251.84	250.72
HIRS/2 BAND 7	265.95	267.23	266.09	265.28	264.09
HIRS/2 BAND 8	282.13	282.75	279.55	278.59	279.34
HIRS/2 BAND 9	261.05	262.09	260.53	259.63	259.30
HIRS/2 BAND 10	279.58	279.94	278.69	276.72	275.69
HIRS/2 BAND 11	260.73	262.88	263.80	260.50	255.77
HIRS/2 BAND 12	248.02	251.59	248.92	245.67	238.86
HIRS/2 BAND 13	268.23	268.70	267.81	266.45	265.66
HIRS/2 BAND 14	258.19	258.39	258.09	257.16	256.20
HIRS/2 BAND 15	242.44	242.47	242.66	242.08	241.25
HIRS/2 BAND 16	258.53	258.84	257.27	256.80	256.22
HIRS/2 BAND 17	237.33	237.41	237.09	236.89	236.55
HIRS/2 BAND 18	285.08	285.66	285.59	283.20	282.38
HIRS/2 BAND 19	285.44	285.36	287.13	284.55	283.92
HIRS/2 BAND 20	2008.75	2004.00	2015.88	2014.19	2012.81
MSU BAND 1	245.56	250.69	264.52	263.98	263.44
MSU BAND 2	247.06	246.81	247.81	247.19	246.36
MSU BAND 3	222.88	222.77	223.02	222.83	222.39
MSU BAND 4	211.23	211.44	210.86	211.03	210.95
SSU BAND 1	223.22	223.31	221.73	221.83	221.86
SSU BAND 2	234.55	234.50	234.14	234.06	233.86
SSU BAND 3	245.39	245.48	244.67	244.41	244.23

TABLE 1. CONCLUDED

NOV. 2 TO NOV. 2

DAY: HOUR: MIN	2:20: 5	2:20: 6
MONTH	11	11
SATELLITE NO	9	9
LATITUDE (DEG N)	43.85	45.04
LONGITUDE (DEG W)	86.93	90.88
SOLAR ZENITH (DEG)	68.43	67.66
BOX SIZE LxW (KM)	250x293	250x293
RELATIVE REFLECTANCE	0.04	0.29
SURFACE ALT (M)	151.	366.
SURFACE TEMP (K)	281.0	272.0
SURFACE PRES (MB)	1000.	950.
TROP PRES (MB)	187.	192.
TROP TEMP (K)	210.2	207.2
OZONE (DOBSON)	315.	316.
CLOUD COVER (%)	27.	82.
CLOUD ALT (MB)	850.0	347.0
PRECIPITABLE WATER (MM)		
SURFACE-700MB	7.0	8.0
700MB-500MB	1.0	2.0
500MB-300MB	0.0	1.0
TEMPERATURE (K)		
SURFACE-850MB	274.5	274.9
850MB-700MB	269.8	271.9
700MB-500MB	260.3	263.2
500MB-400MB	245.1	247.6
400MB-300MB	231.6	233.0
300MB-200MB	217.1	215.6
200MB-100MB	209.4	208.0
100MB-70MB	212.6	212.6
70MB-50MB	214.2	214.2
50MB-30MB	214.7	215.4
30MB-10MB	222.7	223.0
10MB-5MB	227.8	228.5
5MB-2MB	246.0	242.3
2MB-1MB	264.4	256.3
1MB-0.4MB	266.5	260.5
BLACKBODY TEMP (K)		
HIRS/2 BAND 1	223.23	229.61
HIRS/2 BAND 2	219.13	217.06
HIRS/2 BAND 3	216.63	216.70
HIRS/2 BAND 4	224.14	224.03
HIRS/2 BAND 5	240.70	239.95
HIRS/2 BAND 6	249.30	249.41
HIRS/2 BAND 7	262.52	258.94
HIRS/2 BAND 8	281.13	271.94
HIRS/2 BAND 9	259.34	254.31
HIRS/2 BAND 10	275.88	269.97
HIRS/2 BAND 11	252.97	251.02
HIRS/2 BAND 12	239.64	235.23
HIRS/2 BAND 13	265.80	260.94
HIRS/2 BAND 14	255.73	252.89
HIRS/2 BAND 15	240.45	239.98
HIRS/2 BAND 16	256.31	253.25
HIRS/2 BAND 17	236.06	235.09
HIRS/2 BAND 18	283.02	275.80
HIRS/2 BAND 19	283.97	280.28
HIRS/2 BAND 20	2007.69	2027.25
MSU BAND 1	239.39	262.41
MSU BAND 2	245.44	245.22
MSU BAND 3	222.50	222.16
MSU BAND 4	211.45	211.03
SSU BAND 1	222.02	220.67
SSU BAND 2	233.78	232.36
SSU BAND 3	244.89	243.13

- FIRE/SRB SURFACE STATIONS
- TOVS BOX CENTROID LOCATION
(NUMBERS = GMT HOUR)

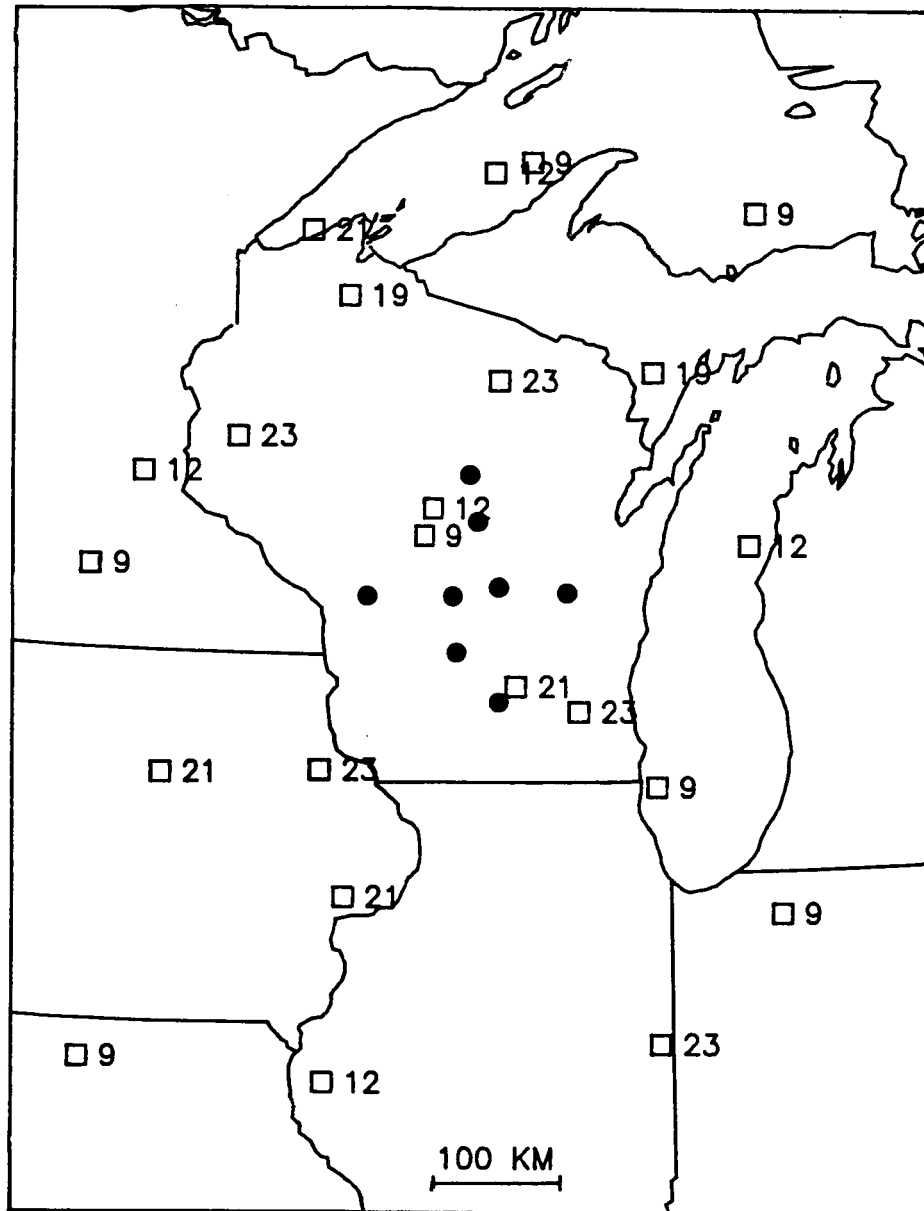


Figure 1.-Location of TOVS Centroids for Oct. 9.

- FIRE/SRB SURFACE STATIONS
- TOVS BOX CENTROID LOCATION
(NUMBERS = GMT HOUR)

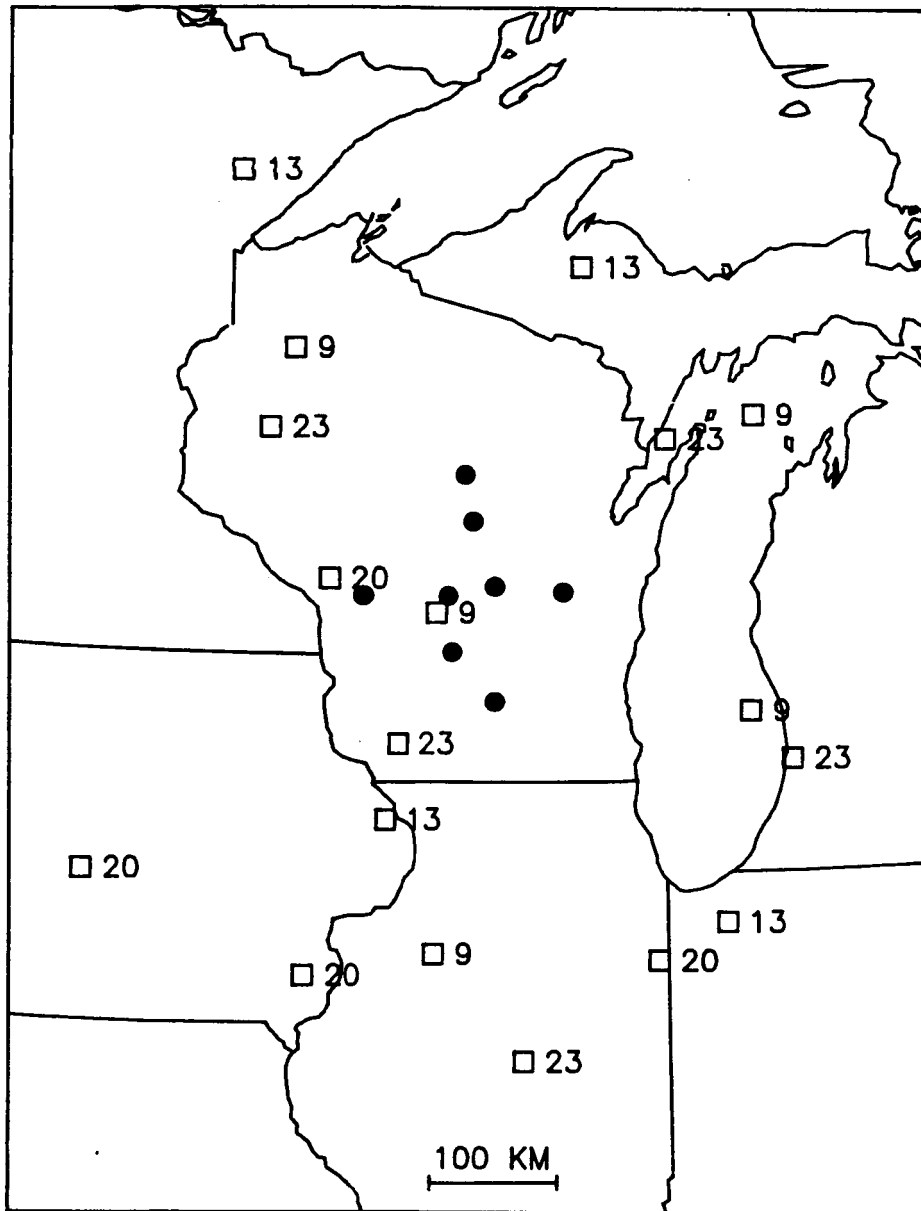


Figure 3.-Location of TOVS Centroids for Oct. 11.

- FIRE/SRB SURFACE STATIONS
- TOVS BOX CENTROID LOCATION
(NUMBERS = GMT HOUR)

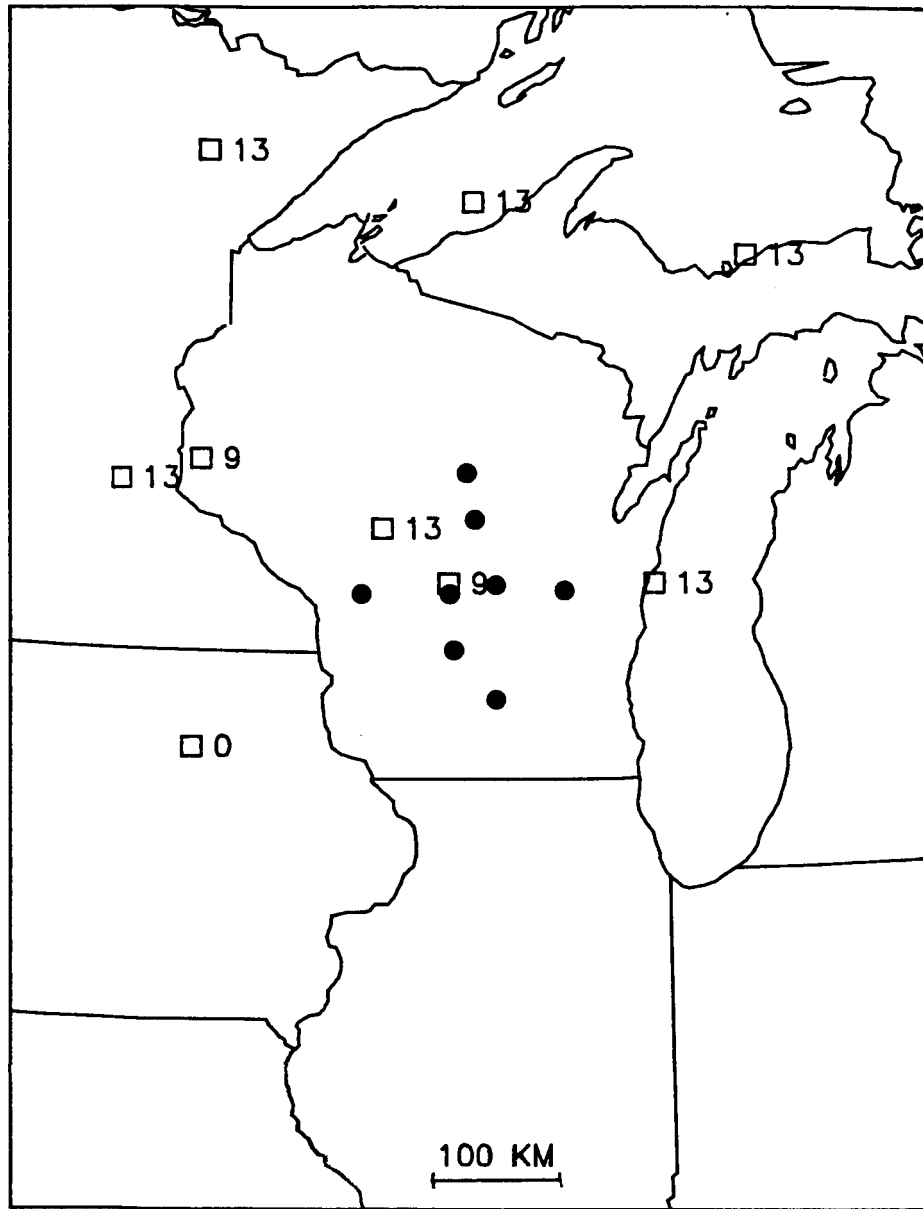


Figure 4.-Location of TOVS Centroids for Oct. 12.

- FIRE/SRB SURFACE STATIONS
- TOVS BOX CENTROID LOCATION
(NUMBERS = GMT HOUR)

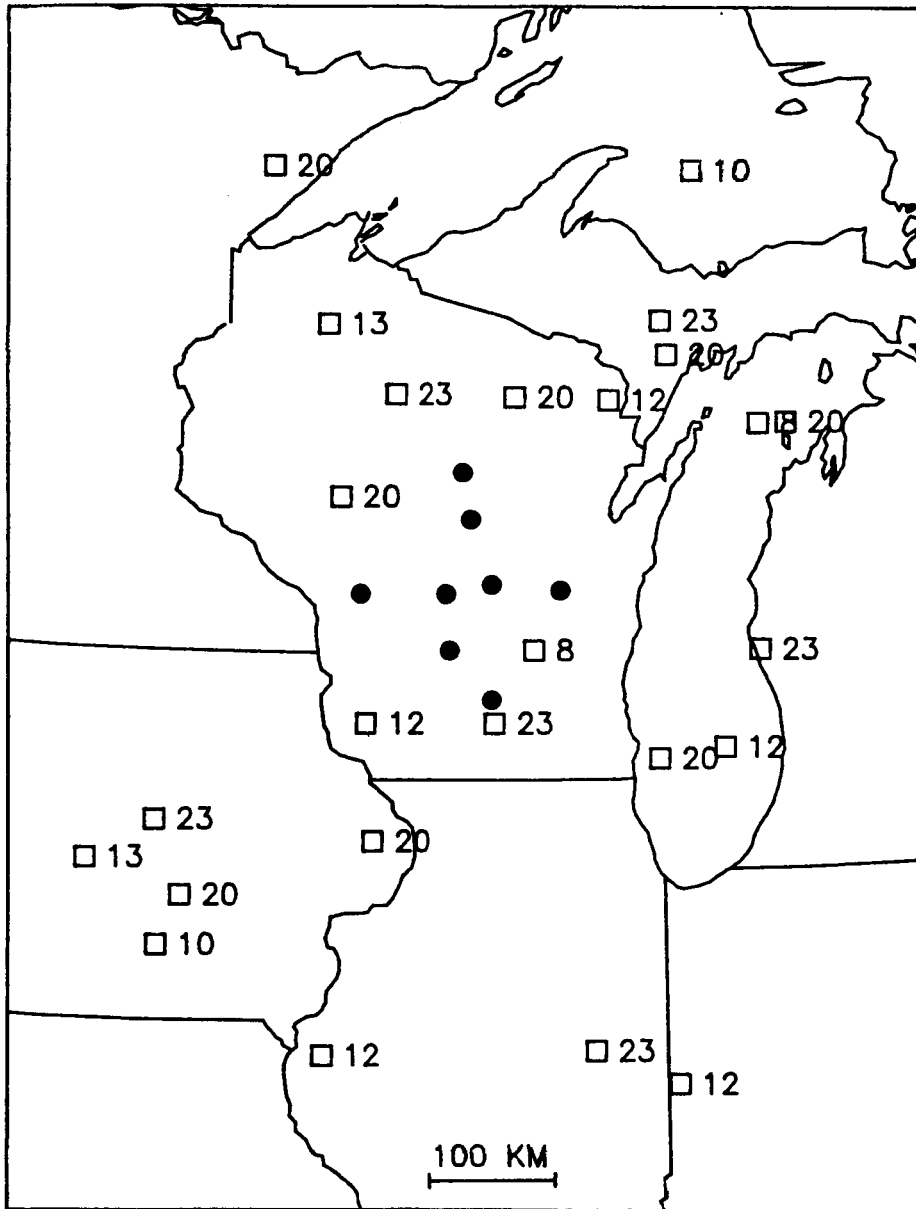


Figure 5.-Location of TOVS Centroids for Oct. 14.

- FIRE/SRB SURFACE STATIONS
- TOVS BOX CENTROID LOCATION
(NUMBERS = GMT HOUR)

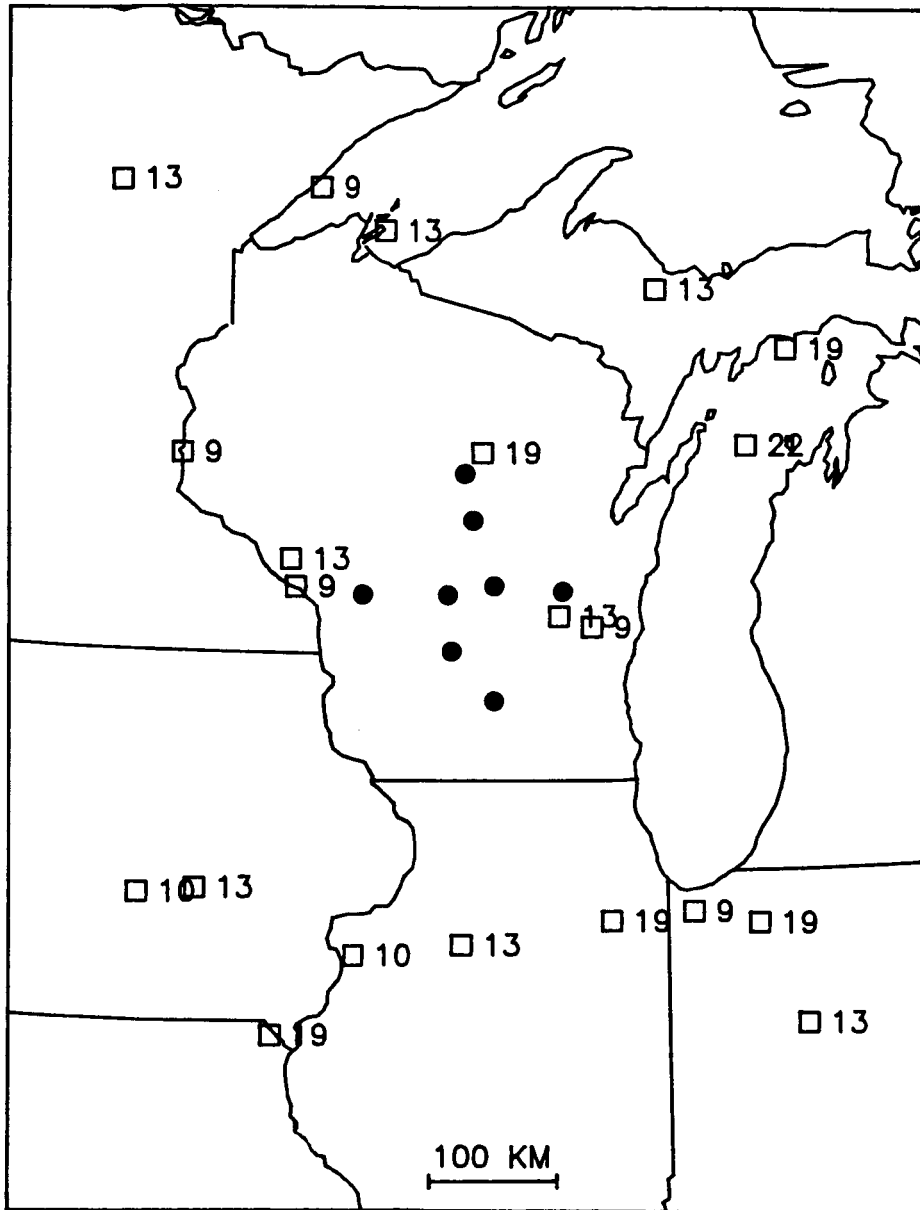


Figure 7.-Location of TOVS Centroids for Oct. 16.

- FIRE/SRB SURFACE STATIONS
- TOVS BOX CENTROID LOCATION
(NUMBERS = GMT HOUR)

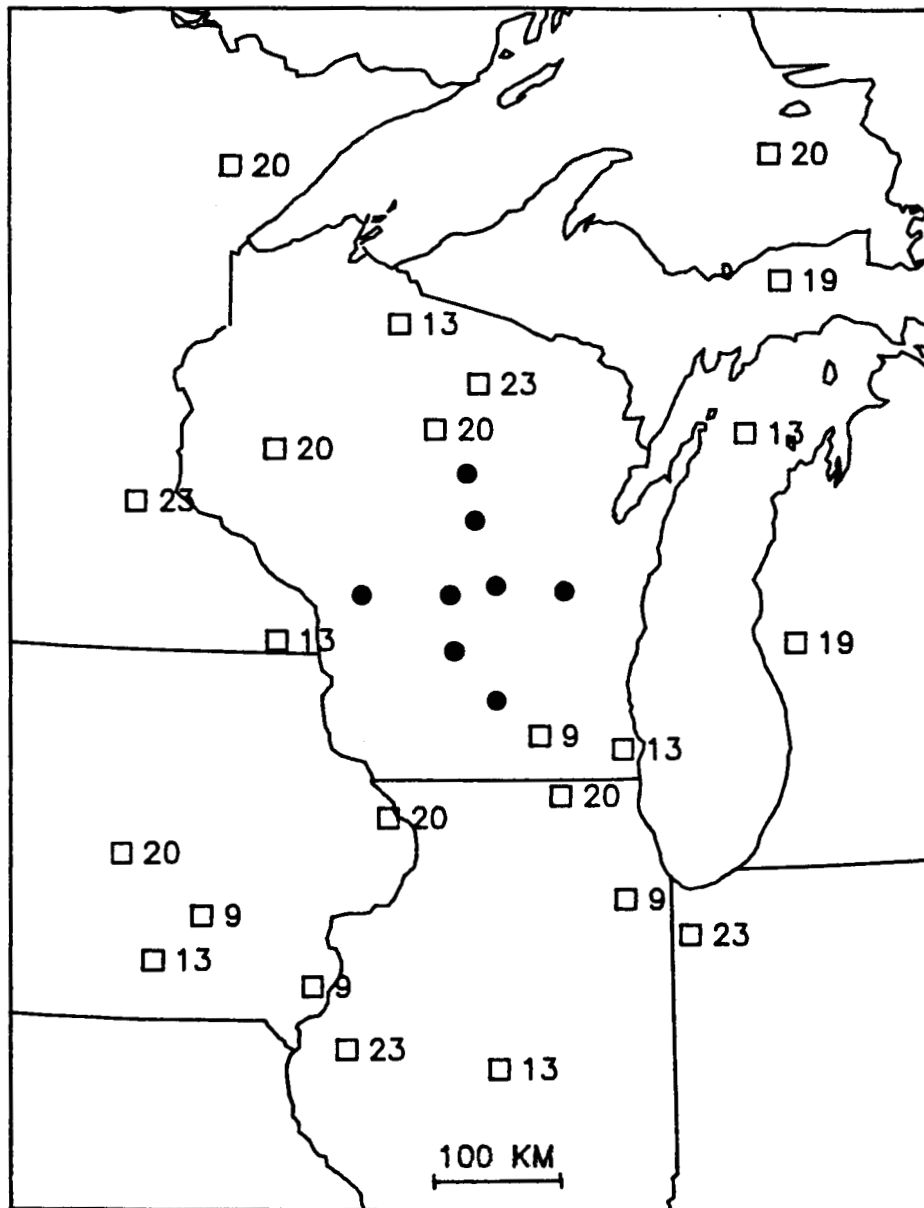


Figure 10.-Location of TOVS Centroids for Oct. 19.

- FIRE/SRB SURFACE STATIONS
- TOVS BOX CENTROID LOCATION
(NUMBERS = GMT HOUR)

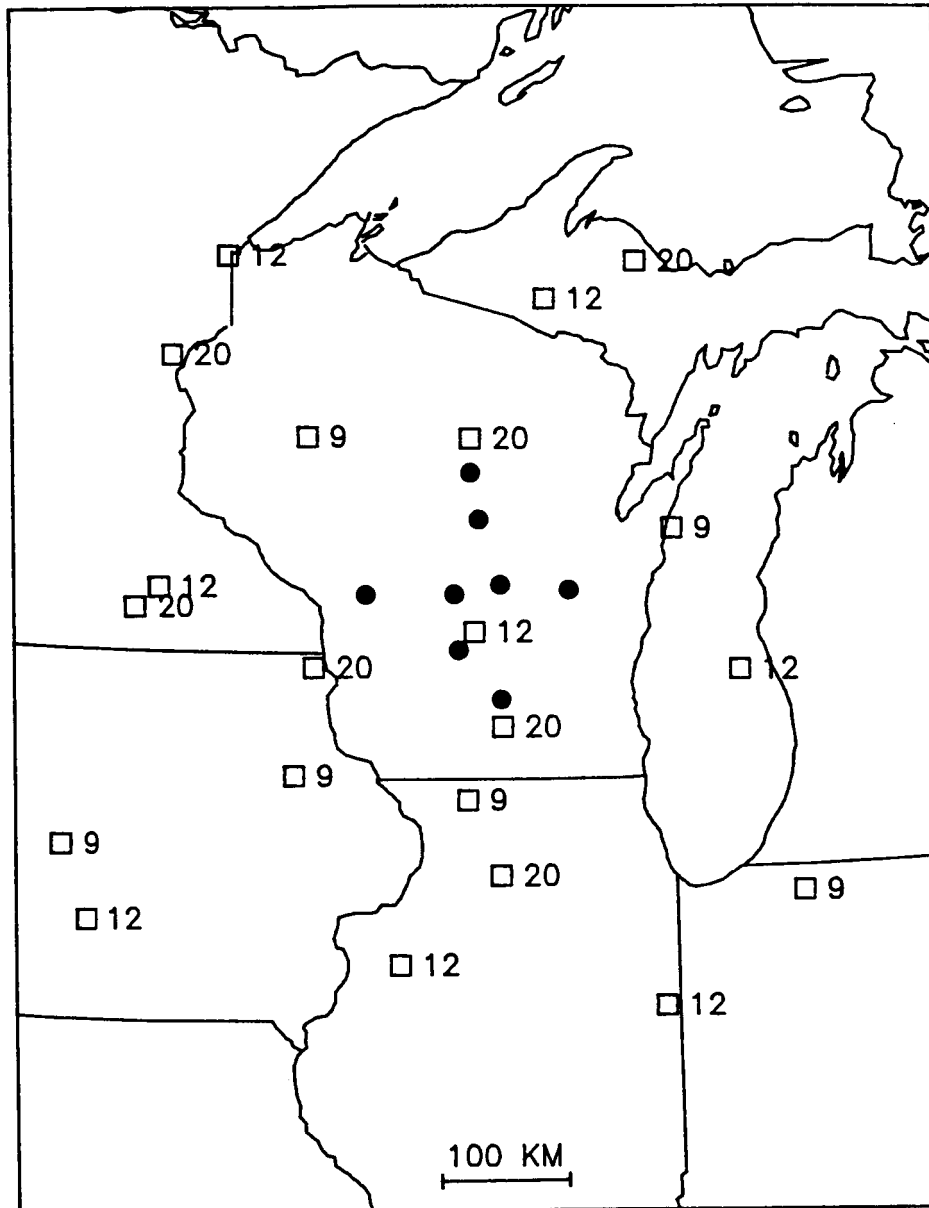


Figure 12.-Location of TOVS Centroids for Oct. 21.

- FIRE/SRB SURFACE STATIONS
- TOVS BOX CENTROID LOCATION
(NUMBERS = GMT HOUR)

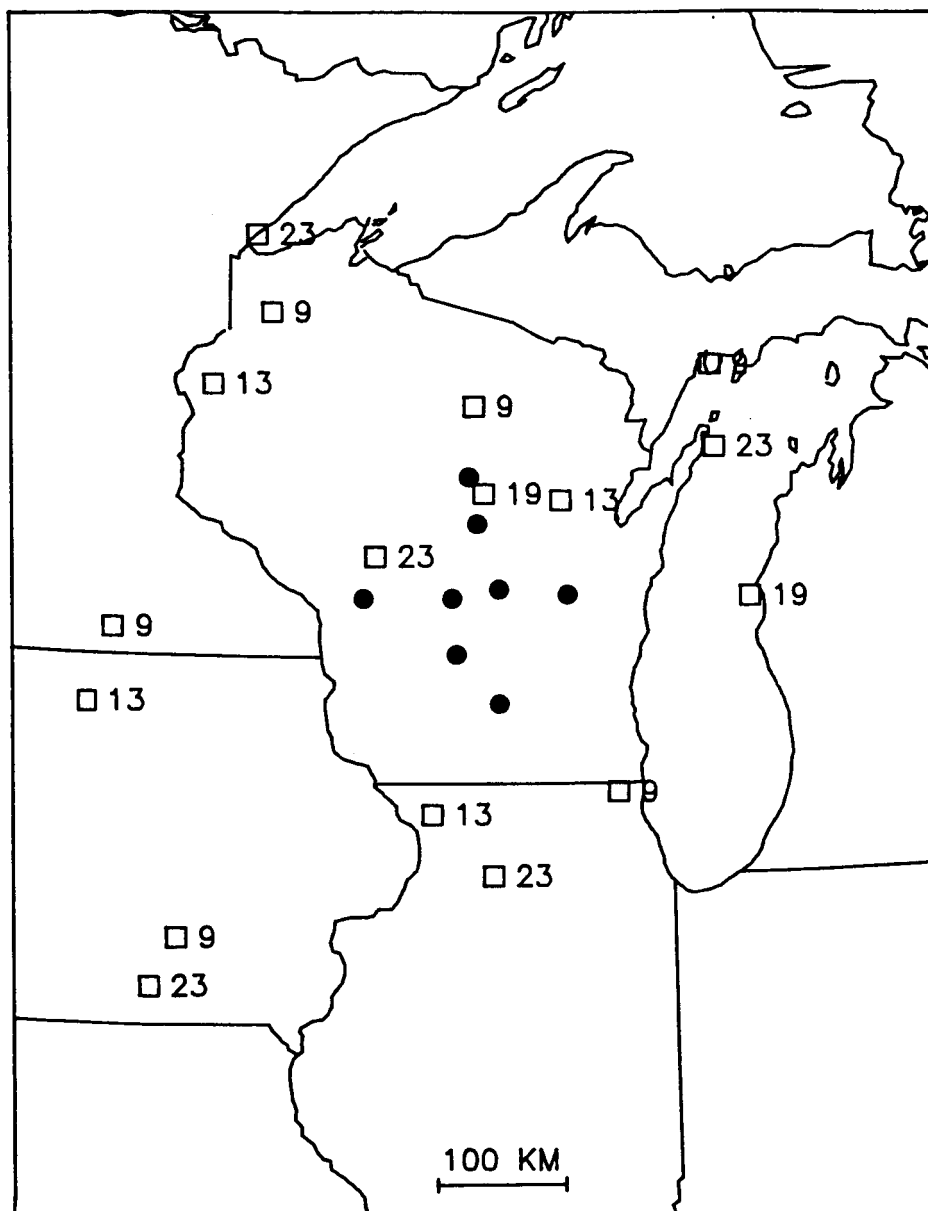


Figure 18.-Location of TOVS Centroids for Oct. 27.

- FIRE/SRB SURFACE STATIONS
- TOVS BOX CENTROID LOCATION
(NUMBERS = GMT HOUR)

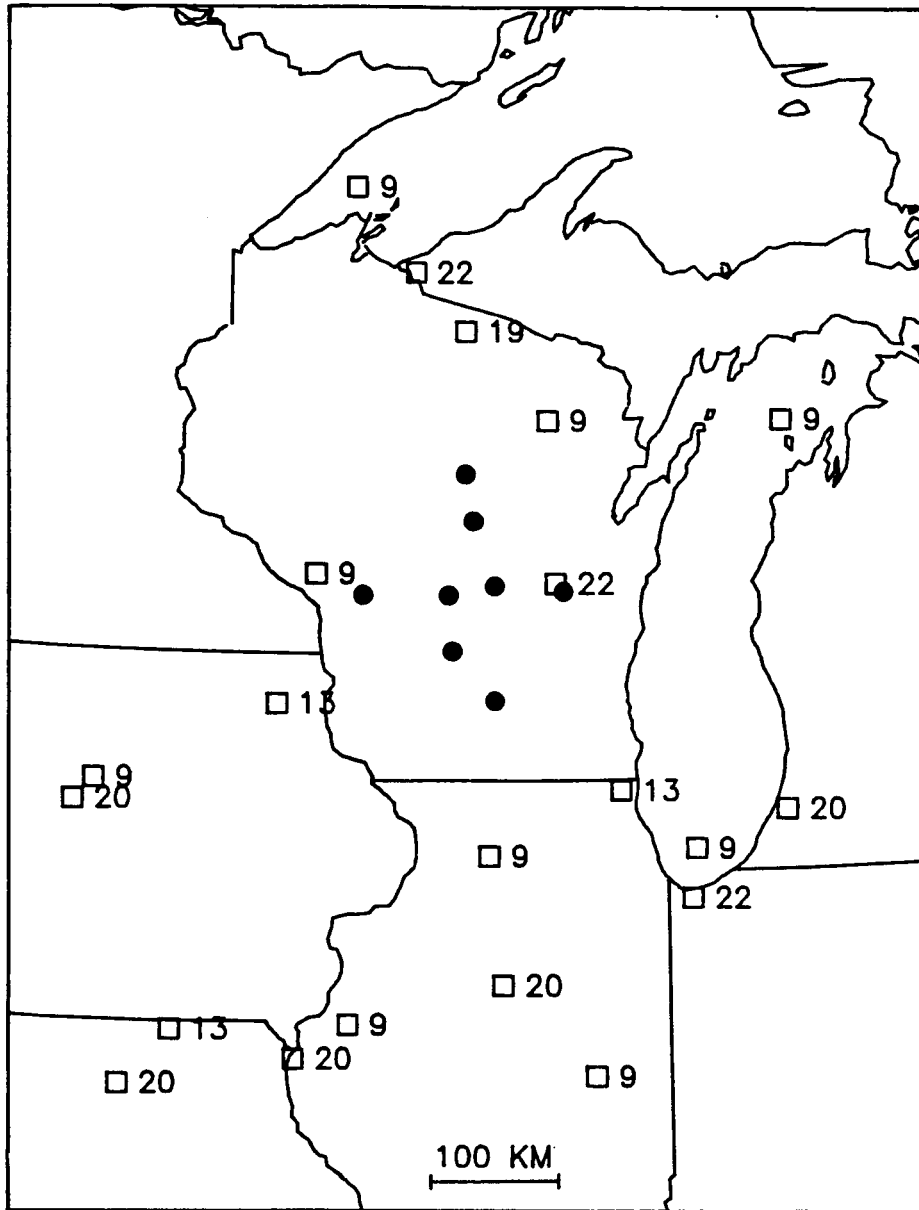


Figure 19.-Location of TOVS Centroids for Oct. 28.

- FIRE/SRB SURFACE STATIONS
- TOVS BOX CENTROID LOCATION
(NUMBERS = GMT HOUR)

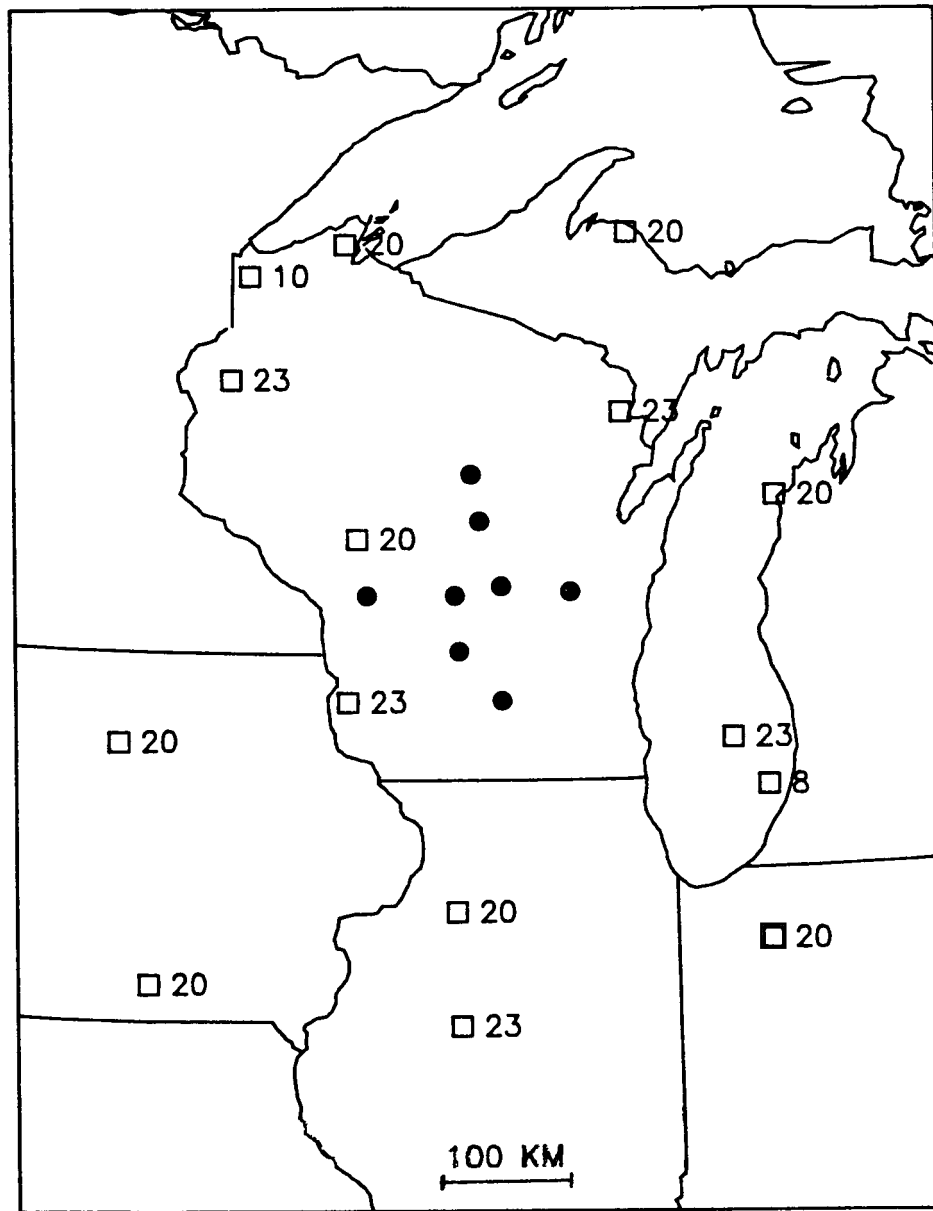


Figure 22.-Location of TOVS Centroids for Oct. 31.

- FIRE/SRB SURFACE STATIONS
- TOVS BOX CENTROID LOCATION
(NUMBERS = GMT HOUR)

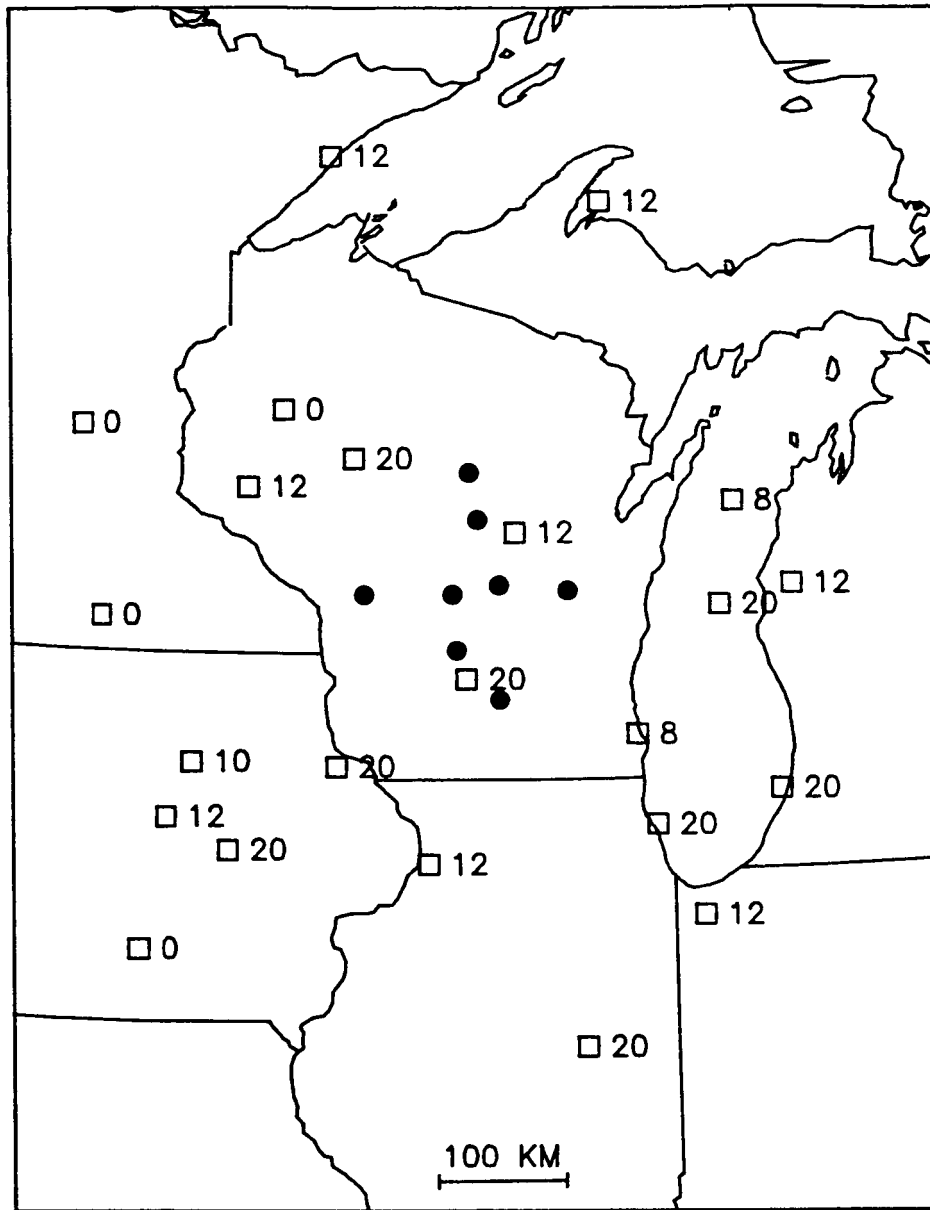


Figure 24.-Location of TOVS Centroids for Nov. 2.

Standard Bibliographic Page

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Charles H. Whitlock and Wayne L. Darnell NASA Langley Research Center Hampton, VA 23665-5225	Stuart R. LeCroy PRC Kentron Hampton, VA 23666						
16. Abstract <p>Maps and concise tables are presented which show TOVS box centroid locations, box size, and vertical sounding products from the NOAA-6 and -9 satellites for the FIRE/SRB Wisconsin experiment region during October 9 through November 2, 1986. In addition to the operational standard products, relative reflectance is calculated and presented based on values from HIRS/2 Band 20 measurements.</p>							
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