

DATA SET CATALOG #203

IMP HOURLY AVERAGES

65-042A-02I	}	1 tape
66-058A-01D		
67-051A-11C		
67-070A-04C		

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1. INTRODUCTION:

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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

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

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

2. ERRATA/CHANGE LOG:

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

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

Version	Date	Person	Page	Description of Change
01				
02				

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

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

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

4. CATALOG MATERIALS:

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

- b. Core Catalog Materials

IMP-C

IMP-D

IMP-E

IMP-F

65-042A-02I

66-058A-01D

67-070A-04C

67-051A-11C

THIS DATA SET HAS BEEN RESTORED. THE ORIGINAL TAPE WAS 9-TRACK, 800 BPI WITH ONE FILE OF DATA. THE RESTORED TAPE IS 9-TRACK, 6250 BPI WITH ONE FILE OF DATA. THE TAPE WAS CREATED ON AN IBM 360 COMPUTER. THE DR AND DS NUMBERS ALONG WITH THE CORRESPONDING D NUMBER AND THE TIME SPAN ARE AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR02781	DS02781	D11072	1	06/01/65 - 05/06/67

IMP HOURLY AVERAGES

65-042A-02I

66-058A-01D

67-051A-11C

67-070A-04E

This data set catalog consists of one IMP Hourly Average tape. The tape contains IMP-3, IMP-4, Explorer 33 and Explorer 35 data. The data is 800 BPI, ^{CPD/C}BCD, 1 file with 80 character card image records. The tape was created on an IBM 360 computer with the 'D' tape 9-track and the 'C' tape 7-track.

The time spans for the data sets are as follows:

<u>ID</u>	<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
65-042A-02I	D-11072	C-08391	6/01/65 - 12/27/68 5/6/67
66-058A-01D	D-11072	C-08391	7/01/66 - 12/27/68 10/5/68
67-051A-11C	D-11072	C-08391	5/24/67 - 12/27/68
67-070A-04E	D-11072	C-08391	7/19/67 - 12/27/68

Hourly Average Tape

I2, 4F5.1, I2, I3, I2, 10F5.1, A1

Each record consists of the following words

Word	Format (Integer, Floating or Alphanumeric)	Description
1	I	Orbit Number
2	F	Geocentric radial distance in earth radii
3	F	Solar ecliptic X position
4	F	Solar ecliptic Y position
5	F	Solar ecliptic Z position
6	I	Year (last two digits)
7	I	Day of year (Jan 1 = day 0)
8	I	Hour of day (0-23)
9	F	Magnitude (average of individual magnitudes) in γ
10	F	Solar ecliptic north-south angle ($+90^\circ$)
11	F	Solar ecliptic azimuthal angle (0-360°) (90° field points toward dusk meridian, 180° is anti-solar)
12	F	Solar ecliptic X field component
13	F	Solar ecliptic Y field component
14	F	Solar ecliptic Z field component
15	F	X standard deviation
16	F	Y standard deviation
17	F	Z standard deviation
18	F	Magnitude (computed from words 12, 13 and 14)
19	A	Satellite (C=IMP 3, D = Explorer 33, E=Explorer 35, F= IMP 4)

[illegible]

2	41.2-15.7	34.9-15.16515618	8.5-20.0321.0	6.2 -5.0 -2.9	3.0	0.9	3.5	8.5C	REC	33, LENGTH	80
2	41.3-15.8	35.0-15.16515619	5.9-36.0315.0	3.4 -3.4 -3.5	2.4	2.1	2.1	5.9C	REC	34, LENGTH	80
2	41.4-15.9	35.1-15.06515620	8.2-19.0315.0	5.5 -5.5 -2.7	0.6	0.5	1.5	8.2C	REC	35, LENGTH	80
2	41.5-16.1	35.2-14.56515621	8.6 -6.0324.0	6.9 -5.0 -0.9	0.8	0.6	1.8	8.6C	REC	36, LENGTH	80
2	41.6-16.2	35.3-14.86515622	8.5 -8.0323.0	6.7 -5.1 -1.2	0.4	0.8	1.0	8.5C	REC	37, LENGTH	80
2	41.6-16.3	35.4-14.76515623	8.1 -9.0324.0	6.5 -4.7 -1.3	0.8	0.6	1.5	8.1C	REC	38, LENGTH	80
2	41.7-16.4	35.4-14.765157 0	7.6-37.0307.0	3.7 -4.8 -4.6	2.9	0.5	3.2	7.6C	REC	39, LENGTH	80
2	41.8-16.5	35.5-14.665157 1	8.9-21.0317.0	6.1 -5.7 -3.2	1.0	0.6	1.3	8.9C	REC	40, LENGTH	80
2	41.8-16.6	35.5-14.565157 2	8.7 -9.0320.0	6.6 -5.5 -1.4	0.8	0.4	1.2	8.7C	REC	41, LENGTH	80
2	41.8-16.7	35.6-14.465157 3	8.3-21.0315.0	5.5 -5.5 -3.0	0.8	0.3	0.9	8.3C	REC	42, LENGTH	80
2	41.9-16.8	35.6-14.365157 4	8.4-22.0319.0	5.9 -5.1 -3.1	0.1	0.2	0.3	8.4C	REC	43, LENGTH	80
2	41.9-16.9	35.6-14.165157 5	7.8 -7.0324.0	6.3 -4.6 -1.0	0.6	0.7	2.1	7.8C	REC	44, LENGTH	80
2	41.9-17.0	35.6-14.065157 6	7.6 14.0333.0	6.6 -3.3 1.8	0.7	0.8	1.5	7.6C	REC	45, LENGTH	80
2	41.9-17.0	35.6-13.965157 7	6.8 2.0326.0	5.6 -3.8 0.2	0.4	0.7	1.6	6.8C	REC	46, LENGTH	80
2	41.8-17.1	35.6-13.865157 8	7.7 31.0342.0	6.3 -2.0 4.0	0.4	0.9	0.9	7.7C	REC	47, LENGTH	80
2	41.8-17.2	35.6-13.765157 9	6.9 23.0339.0	5.9 -2.3 2.7	0.5	1.3	2.0	6.9C	REC	48, LENGTH	80
2	41.8-17.2	35.6-13.56515710	6.3-12.0315.0	4.4 -4.4 -1.3	0.8	0.7	2.3	6.3C	REC	49, LENGTH	80
2	41.7-17.3	35.5-13.46515711	5.2 -3.0321.0	4.0 -3.3 -0.3	1.1	2.3	3.3	5.2C	REC	50, LENGTH	80
2	41.7-17.3	35.5-13.36515712	5.9-16.0316.0	4.1 -3.9 -1.6	1.5	1.2	2.6	5.9C	REC	51, LENGTH	80
2	41.4-17.5	35.3-12.86515715	4.3-41.0320.0	2.5 -2.1 -2.8	1.4	0.9	3.0	4.3C	REC	52, LENGTH	80
2	41.3-17.5	35.2-12.76515716	5.9-40.0324.0	3.7 -2.7 -3.8	1.0	1.0	1.2	5.9C	REC	53, LENGTH	80
2	41.2-17.5	35.1-12.56515717	6.1-14.0331.0	5.2 -2.9 -1.5	0.8	0.9	1.5	6.1C	REC	54, LENGTH	80
2	41.0-17.6	35.0-12.36515718	4.2 12.0349.0	4.0 -0.8 0.9	1.6	1.0	1.2	4.2C	REC	55, LENGTH	80
2	40.9-17.6	34.9-12.26515719	6.0 13.0341.0	5.5 -1.9 1.3	1.2	0.7	1.5	6.0C	REC	56, LENGTH	80
2	40.7-17.6	34.7-12.06515720	4.8 34.0 14.0	3.9 1.0 2.7	0.8	1.7	1.7	4.8C	REC	57, LENGTH	80
2	40.6-17.6	34.6-11.86515721	6.3 32.0347.0	5.2 -1.2 3.3	0.3	0.6	0.6	6.3C	REC	58, LENGTH	80
2	40.4-17.6	34.5-11.76515722	5.5 37.0344.0	4.2 -1.2 3.3	1.1	1.3	1.7	5.5C	REC	59, LENGTH	80
2	40.2-17.6	34.3-11.56515723	5.7 2.0332.0	5.0 -2.7 0.2	0.6	0.8	1.0	5.7C	REC	60, LENGTH	80
2	40.0-17.6	34.1-11.365158 0	6.3 -4.0331.0	5.5 -3.0 -0.4	0.4	1.6	0.6	6.3C	REC	61, LENGTH	80
2	39.8-17.6	33.9-11.165158 1	6.0 -1.0325.0	4.9 -3.4 -0.1	0.7	0.5	1.9	6.0C	REC	62, LENGTH	80
2	39.6-17.6	33.8-10.965158 2	6.3 1.0327.0	5.3 -3.4 0.1	0.2	0.3	0.5	6.3C	REC	63, LENGTH	80
2	39.4-17.6	33.6-10.765158 3	5.9-23.0324.0	4.4 -3.2 -2.3	0.2	0.4	0.8	5.9C	REC	64, LENGTH	80

2	39.1-17.5	33.4-10.565158	4	6.3-24.0324.0	4.7	-3.4	-2.6	0.3	0.1	0.4	6.3C	REC	65, LENGTH	80
2	38.9-17.5	33.1-10.365158	5	6.3-24.0325.0	4.7	-3.3	-2.6	0.6	0.4	1.3	6.3C	REC	66, LENGTH	80
3	31.3 -6.6	26.6-15.065161	8	6.6 17.0149.0	-5.4	3.3	1.9	0.9	0.4	1.3	6.6C	REC	67, LENGTH	80
3	31.8 -6.8	27.1-15.165161	9	7.1 18.0142.0	-5.3	4.2	2.2	0.6	0.4	1.4	7.1C	REC	68, LENGTH	80
3	32.3 -7.1	27.6-15.265161	10	6.3 15.0144.0	-4.9	3.6	1.6	0.9	0.6	1.2	6.3C	REC	69, LENGTH	80
3	32.8 -7.3	28.1-15.365161	11	5.4 28.0132.0	-3.2	3.5	2.5	1.9	1.6	1.0	5.4C	REC	70, LENGTH	80
3	33.3 -7.6	28.5-15.465161	12	2.0 40.0161.0	-1.4	0.5	1.3	2.1	2.2	1.7	2.0C	REC	71, LENGTH	80
3	33.8 -7.8	29.0-15.565161	13	5.2 28.0158.0	-4.3	1.7	2.4	0.9	2.1	1.4	5.2C	REC	72, LENGTH	80
3	34.2 -8.0	29.4-15.565161	14	6.8 19.0148.0	-5.5	3.4	2.2	1.2	1.7	2.4	6.8C	REC	73, LENGTH	80
3	34.6 -8.2	29.8-15.665161	15	9.0 26.0145.0	-6.6	4.6	3.9	1.8	1.2	3.1	9.0C	REC	74, LENGTH	80
3	35.1 -8.4	30.2-15.765161	16	8.4 16.0134.0	-5.6	5.8	2.3	1.2	1.2	1.9	8.4C	REC	75, LENGTH	80
3	35.5 -8.7	30.6-15.765161	17	8.6 22.0144.0	-6.5	4.7	3.2	1.4	1.5	4.4	8.6C	REC	76, LENGTH	80
3	35.8 -8.9	31.0-15.765161	18	9.1 17.0139.0	-6.6	5.7	2.7	1.7	1.2	2.1	9.1C	REC	77, LENGTH	80
3	36.2 -9.1	31.3-15.865161	19	8.8 -1.0124.0	-4.9	7.3	-0.2	1.5	1.2	3.1	8.8C	REC	78, LENGTH	80
3	36.6 -9.3	31.7-15.865161	20	6.4-19.0136.0	-4.4	4.2	-2.1	1.6	4.3	4.7	6.4C	REC	79, LENGTH	80
3	41.5-13.5	36.7-13.865163	3	4.1 14.0128.0	-2.4	3.1	1.0	0.4	0.2	0.3	4.1C	REC	80, LENGTH	80
3	41.5-13.5	36.7-13.765163	4	3.6 7.0135.0	-2.5	2.5	0.4	0.5	0.4	0.5	3.6C	REC	81, LENGTH	80
3	41.4-13.6	36.7-13.665163	5	3.3 14.0142.0	-2.5	2.0	0.8	0.2	0.3	0.2	3.3C	REC	82, LENGTH	80
3	41.4-13.7	36.7-13.465163	6	2.9 10.0151.0	-2.5	1.4	0.5	0.4	0.3	0.2	2.9C	REC	83, LENGTH	80
3	41.3-13.7	36.7-13.365163	7	2.6 0.0153.0	-2.3	1.2	0.0	0.3	0.2	0.2	2.6C	REC	84, LENGTH	80
3	41.3-13.8	36.6-13.165163	8	3.0-10.0146.0	-2.4	1.7	-0.5	0.4	0.6	0.3	3.0C	REC	85, LENGTH	80
3	41.2-13.9	36.6-13.065163	9	2.5-14.0180.0	-2.4	0.0	-0.6	1.0	1.3	0.4	2.5C	REC	86, LENGTH	80
3	41.1-13.9	36.5-12.865163	10	2.0-25.0157.0	-1.7	0.7	-0.8	0.4	0.7	0.4	2.0C	REC	87, LENGTH	80
3	41.0-14.0	36.4-12.765163	11	2.0-15.0143.0	-1.5	1.2	-0.5	0.8	0.8	0.6	2.0C	REC	88, LENGTH	80
3	40.9-14.0	36.3-12.565163	12	2.5-47.0113.0	-0.7	1.6	-1.8	0.8	0.7	0.4	2.5C	REC	89, LENGTH	80
3	40.8-14.1	36.2-12.365163	13	3.3 -8.0133.0	-2.2	2.4	-0.5	0.6	0.8	1.0	3.3C	REC	90, LENGTH	80
3	40.6-14.1	36.1-12.265163	14	3.1 24.0110.0	-1.0	2.7	1.3	0.7	0.6	1.0	3.1C	REC	91, LENGTH	80
3	40.5-14.1	36.0-12.065163	15	3.2 20.0 95.0	-0.3	3.0	1.1	1.0	0.8	1.0	3.2C	REC	92, LENGTH	80
3	40.3-14.2	35.9-11.865163	16	4.2 48.0269.0	0.0	-2.8	3.1	0.3	0.7	0.5	4.2C	REC	93, LENGTH	80
3	39.8-14.2	35.4-11.365163	19	3.1 25.0136.0	-2.0	2.0	1.3	0.5	1.6	0.7	3.1C	REC	94, LENGTH	80
3	39.6-14.2	35.3-11.165163	20	1.9 43.0207.0	-1.2	-0.6	1.3	0.6	1.2	1.2	1.9C	REC	95, LENGTH	80
3	39.4-14.2	35.1-10.965163	21	2.0 23.0173.0	-1.8	0.2	0.8	0.4	0.7	0.4	2.0C	REC	96, LENGTH	80

3	39.2-14.2	34.9-10.76516322	2.1	15.0163.0	-1.9	0.6	0.5	0.4	0.2	0.6	2.1C	REC	97,	LENGTH	80
3	38.9-14.2	34.7-10.56516323	2.3	16.0156.0	-2.0	0.9	0.6	0.3	0.2	0.2	2.3C	REC	98,	LENGTH	80
3	38.7-14.2	34.5-10.365164 0	1.9	17.0143.0	-1.5	1.1	0.6	0.5	0.9	0.7	1.9C	REC	99,	LENGTH	80
3	38.4-14.2	34.2-10.165164 1	1.6	49.0124.0	-0.6	0.9	1.2	0.5	1.5	1.2	1.6C	REC	100,	LENGTH	80
3	38.1-14.2	34.0-9.865164 2	2.7	-2.0154.0	-2.4	1.2	-0.1	0.5	0.7	0.6	2.7C	REC	101,	LENGTH	80
3	37.8-14.2	33.7-9.665164 3	3.3	-21.0187.0	-3.1	-0.4	-1.2	0.2	0.9	0.2	3.3C	REC	102,	LENGTH	80
4	31.3-3.9	27.2-15.165167 3	9.4	-24.0127.0	-5.2	6.9	-3.8	1.1	2.8	1.8	9.4C	REC	103,	LENGTH	80
4	32.4-4.2	28.2-15.365167 5	9.7	-4.0115.0	-4.1	8.8	-0.7	0.5	0.4	1.6	9.7C	REC	104,	LENGTH	80
4	33.3-4.6	29.2-15.465167 7	9.4	-24.0103.0	-1.9	8.4	-3.8	0.6	0.6	1.3	9.4C	REC	105,	LENGTH	80
4	38.2-6.8	34.1-15.86516720	3.5	56.0336.0	1.8	-0.8	2.9	1.9	3.2	1.6	3.5C	REC	106,	LENGTH	80
4	38.5-7.0	34.4-15.86516721	5.9	-27.0260.0	-0.9	-5.2	-2.7	1.6	0.7	2.3	5.9C	REC	107,	LENGTH	80
4	38.7-7.1	34.6-15.86516722	5.6	-47.0215.0	-3.1	-2.2	-4.1	0.2	1.5	1.2	5.6C	REC	108,	LENGTH	80
4	39.0-7.2	34.9-15.86516723	5.7	-66.0169.0	-2.3	0.4	-5.2	0.9	1.0	0.7	5.7C	REC	109,	LENGTH	80
4	39.2-7.4	35.2-15.765168 0	4.6	-50.0 85.0	0.3	2.9	-3.5	0.4	1.1	0.7	4.6C	REC	110,	LENGTH	80
4	39.4-7.5	35.4-15.765168 1	3.8	-18.0 85.0	0.3	3.6	-1.2	0.7	1.6	1.0	3.8C	REC	111,	LENGTH	80
4	39.7-7.7	35.6-15.665168 2	3.6	-30.0 56.0	1.7	2.6	-1.8	0.4	0.8	0.5	3.6C	REC	112,	LENGTH	80
4	39.9-7.8	35.8-15.665168 3	3.6	-28.0 42.0	2.4	2.1	-1.7	0.5	0.7	0.4	3.6C	REC	113,	LENGTH	80
4	40.0-7.9	36.0-15.565168 4	3.1	-30.0 42.0	2.0	1.8	-1.5	0.5	0.8	0.6	3.1C	REC	114,	LENGTH	80
4	40.2-8.0	36.2-15.565168 5	3.0	-18.0 33.0	2.4	1.6	-0.9	0.4	0.6	0.6	3.0C	REC	115,	LENGTH	80
4	40.4-8.2	36.4-15.465168 6	2.8	2.0 19.0	2.6	0.9	0.1	0.7	1.0	0.5	2.8C	REC	116,	LENGTH	80
4	40.6-8.3	36.6-15.465168 7	3.1	3.0 19.0	2.9	1.0	0.2	0.7	0.9	0.6	3.1C	REC	117,	LENGTH	80
4	40.7-8.4	36.8-15.365168 8	2.7	5.0 8.0	2.7	0.4	0.2	0.6	0.7	0.7	2.7C	REC	118,	LENGTH	80
4	40.8-8.5	36.9-15.265168 9	3.0	9.0 21.0	2.8	1.1	0.5	0.3	0.4	0.3	3.0C	REC	119,	LENGTH	80
4	40.9-8.6	37.1-15.16516810	3.2	1.0 9.0	3.2	0.5	0.1	0.5	0.8	0.4	3.2C	REC	120,	LENGTH	80
4	41.1-8.7	37.2-15.16516811	4.3	2.0 11.0	4.2	0.8	0.2	0.3	0.3	0.3	4.3C	REC	121,	LENGTH	80
4	41.2-8.8	37.3-15.06516812	4.3	5.0 9.0	4.2	0.7	0.4	0.3	0.4	0.3	4.3C	REC	122,	LENGTH	80
4	41.2-8.9	37.4-14.96516813	4.3	4.0 19.0	4.1	1.4	0.3	0.8	0.3	0.6	4.3C	REC	123,	LENGTH	80
4	41.3-9.0	37.5-14.86516814	3.7	13.0 38.0	2.8	2.2	0.8	0.6	0.6	0.7	3.7C	REC	124,	LENGTH	80
4	41.4-9.1	37.6-14.76516815	3.6	8.0 48.0	2.4	2.6	0.5	0.7	0.8	0.5	3.6C	REC	125,	LENGTH	80
4	41.5-9.3	37.8-14.56516817	4.0	-18.0 49.0	2.5	2.9	-1.2	0.1	0.3	0.7	4.0C	REC	126,	LENGTH	80
4	41.5-9.4	37.8-14.36516818	3.4	-29.0 36.0	2.4	1.7	-1.6	0.6	0.7	0.9	3.4C	REC	127,	LENGTH	80
4	41.5-9.5	37.9-14.26516819	1.6	71.0 22.0	0.5	0.2	1.5	1.5	1.4	1.5	1.6C	REC	128,	LENGTH	80

4	41.6	-9.6	37.9	-14.16516820	1.8	39.0214.0	-1.2	-0.8	1.1	0.4	0.8	0.8	1.8C	REC	129,	LENGTH	80
4	41.6	-9.7	37.9	-14.06516821	0.6	29.0145.0	-0.4	0.3	0.3	0.8	1.3	1.4	0.6C	REC	130,	LENGTH	80
4	41.5	-9.9	37.9	-13.665169 0	2.2	-54.0 75.0	0.3	1.2	-1.8	0.3	0.2	0.3	2.2C	REC	131,	LENGTH	80
4	41.5	-10.0	37.9	-13.465169 1	2.0	-46.0 34.0	1.2	0.8	-1.4	0.6	0.7	0.6	2.0C	REC	132,	LENGTH	80
4	41.4	-10.0	37.9	-13.365169 2	1.9	-28.0 15.0	1.6	0.4	-0.9	0.4	0.4	0.6	1.9C	REC	133,	LENGTH	80
4	41.3	-10.2	37.8	-13.065169 4	2.1	-21.0 1.0	2.0	0.0	-0.8	0.2	0.2	0.2	2.1C	REC	134,	LENGTH	80
4	41.2	-10.2	37.8	-12.865169 5	1.4	-15.0 13.0	1.3	0.3	-0.4	0.3	0.2	0.2	1.4C	REC	135,	LENGTH	80
4	41.1	-10.3	37.7	-12.765169 6	1.7	-11.0 7.0	1.7	0.2	-0.3	0.4	0.3	0.5	1.7C	REC	136,	LENGTH	80
4	41.0	-10.3	37.6	-12.565169 7	2.1	-11.0 12.0	2.0	0.4	-0.4	0.4	0.3	0.3	2.1C	REC	137,	LENGTH	80
4	40.9	-10.4	37.5	-12.465169 8	1.8	0.0 13.0	1.8	0.4	0.0	0.2	0.3	0.4	1.8C	REC	138,	LENGTH	80
4	40.7	-10.4	37.4	-12.265169 9	1.8	18.0 4.0	1.7	0.1	0.6	0.2	0.3	0.2	1.8C	REC	139,	LENGTH	80
4	40.6	-10.5	37.3	-12.06516910	1.7	20.0359.0	1.6	0.0	0.6	0.3	0.1	0.1	1.7C	REC	140,	LENGTH	80
4	40.4	-10.5	37.2	-11.86516911	2.1	22.0359.0	1.9	0.0	0.8	0.4	0.1	0.3	2.1C	REC	141,	LENGTH	80
4	40.3	-10.6	37.1	-11.76516912	2.5	17.0360.0	2.4	0.0	0.7	0.2	0.1	0.2	2.5C	REC	142,	LENGTH	80
4	40.1	-10.6	36.9	-11.56516913	2.5	18.0 5.0	2.4	0.2	0.8	0.1	0.2	0.1	2.5C	REC	143,	LENGTH	80
4	39.9	-10.6	36.8	-11.36516914	2.1	23.0 2.0	1.9	0.1	0.8	0.1	0.2	0.1	2.1C	REC	144,	LENGTH	80
4	39.7	-10.7	36.6	-11.16516915	2.0	27.0343.0	1.7	-0.5	0.9	0.3	0.3	0.3	2.0C	REC	145,	LENGTH	80
4	39.5	-10.7	36.4	-10.96516916	2.1	33.0350.0	1.7	-0.3	1.1	0.1	0.2	0.3	2.1C	REC	146,	LENGTH	80
4	39.3	-10.7	36.2	-10.76516917	2.2	25.0341.0	1.9	-0.6	0.9	0.1	0.2	0.1	2.2C	REC	147,	LENGTH	80
4	39.0	-10.7	36.0	-10.56516918	1.6	22.0340.0	1.4	-0.5	0.6	0.2	0.2	0.4	1.6C	REC	148,	LENGTH	80
4	38.8	-10.8	35.8	-10.36516919	1.4	25.0335.0	1.1	-0.5	0.6	0.2	0.2	0.3	1.4C	REC	149,	LENGTH	80
4	38.5	-10.8	35.6	-10.16516920	1.6	20.0342.0	1.4	-0.5	0.5	0.1	0.2	0.2	1.6C	REC	150,	LENGTH	80
4	38.2	-10.8	35.3	-9.96516921	1.6	20.0350.0	1.5	-0.3	0.5	0.2	0.1	0.1	1.6C	REC	151,	LENGTH	80
4	37.4	-10.8	34.6	-9.265170 0	1.4	12.0349.0	1.3	-0.3	0.3	0.1	0.1	0.1	1.4C	REC	152,	LENGTH	80
5	33.6	-1.9	29.8	-15.565173 3	5.4	43.0238.0	-2.1	-3.3	3.7	1.2	0.8	0.6	5.4C	REC	153,	LENGTH	80
5	34.1	-2.1	30.2	-15.565173 4	4.8	15.0243.0	-2.1	-4.1	1.2	0.5	0.7	1.7	4.8C	REC	154,	LENGTH	80
5	34.5	-2.2	30.7	-15.665173 5	5.2	4.0273.0	0.3	-5.2	0.4	1.6	0.5	1.4	5.2C	REC	155,	LENGTH	80
5	34.9	-2.3	31.1	-15.665173 6	5.2	15.0292.0	1.9	-4.7	-1.3	0.6	0.6	1.1	5.2C	REC	156,	LENGTH	80
5	35.3	-2.5	31.6	-15.765173 7	4.9	5.0284.0	1.2	-4.7	0.4	0.4	0.3	1.7	4.9C	REC	157,	LENGTH	80
5	35.7	-2.6	32.0	-15.765173 8	4.3	25.0290.0	1.3	-3.7	-1.8	0.8	1.1	1.1	4.3C	REC	158,	LENGTH	80
5	36.1	-2.7	32.4	-15.765173 9	3.8	24.0293.0	1.4	-3.2	-1.5	0.3	0.5	1.1	3.8C	REC	159,	LENGTH	80
5	36.5	-2.9	32.7	-15.86517310	4.0	-6.0298.0	1.9	-3.5	-0.4	0.5	0.4	2.2	4.0C	REC	160,	LENGTH	80

Spacecraft Coverage for Hourly Averaged Interplanetary Magnetic Field Vectors

The National Space Science Data Center (NSSDC) generated the attached computer printout which relates to a magnetic tape submitted to NSSDC by N. F. Ness of GSFC. The tape contains hourly averaged interplanetary magnetic field vectors. For any one hour, a vector is given from only one of four possible spacecraft. (If none of the four spacecraft was in the interplanetary medium, no vector is given for that hour.)

The listing illustrates, in a series of monthly matrices, which spacecraft, if any, contributes the vector for any given hour. Monthly summaries are also given on each page.

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH YEAR
JUNE 65

DAY

HOURLY

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1										C	C			C	C	C	C			C			C	C
2	C	C	C	C	C	C	C	C	C	C														
3																								
4																								
5																								
6						C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C																		
9																								
10																								
11								C	C	C	C	C	C	C	C	C	C	C	C	C	C			
12																								
13				C	C	C	C	C	C	C	C	C	C	C	C	C	C			C	C	C	C	C
14	C	C	C	C																				
15																								
16																								
17				C		C		C													C	C	C	C
18	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
19	C	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
20	C																							
21																								
22																								
23				C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C								
26	C																							
27																								
28										C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
29		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 274

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 0

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 0

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 0

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 470

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH
JULYYEAR
65

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	C	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C				
2																								
3																								
4								C	C	C		C	C	C	C	C	C	C	C		C	C	C	C
5	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C																
9																								
10	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
14			C																					
15																								
16	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
20	C	C	C																					
21		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C	C	C								C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
26	C	C																						
27																								
28	C	C	C	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C				C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C							

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 523

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 0

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 0

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 0

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 221

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH
AUG YEAR
65

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1																								
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C					C	C	C	C	C	C	C		C	C	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C	C															
5																								
6																								
7														C	C	C	C	C	C					
8	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
10	C	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
13																								
14	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
19																								
20	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
25																								
26																								
27	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
28	C	C	C	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C	C						C	C	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C	C															
31					C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 501

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 0

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 0

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 0

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 243

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH YEAR
SEPT 65

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	C	C	C	C	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C																		C
6	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
7							C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C				C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C																		C
12	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
17															C	C	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
22			C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
23									C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
29								C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	C	C	C	C	C	C

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 608

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 0

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 0

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 0

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 136

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH YEAR
OCT 65

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1							C	C	C	C	C	C	C					C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C				C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	C	C	C																					
5				C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
10	C	C	C	C	C																			
11	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
16																								
17	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C	C	C	C	C	C											
19	C	C	C	C	C	C	C	C	C	C	C	C	C				C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	C	C	C	C
22															C	C	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C					
28													C	C	C	C	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C			C	C	C

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 610

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 0

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 0

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 0

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 134

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH
NOV

YEAR
65

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1				C	C	C	C	C	C	C	C	C	C	C	C	C	C	C			C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	C	C	C	C	C	C	C
3														C	C	C	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
6	C	C																						
7																								
8																								
9									C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
11				C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C	C															
14																								
15								C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
18			C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
19			C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
20	C	C	C	C																				
21						C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
23	C	C			C	C				C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
24	C	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
26																								
27				C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 483

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 0

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 0

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 0

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 261

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH YEAR
DEC 65

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1			C	C	C	C	C	C	C	C	C	C	C	C	C	C	C							
2																				C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
5	C	C					C	C	C	C	C	C	C	C	C	C	C	C				C	C	C
6	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C	C	C	C	C	C						C	C	C	C	C	C
8															C	C	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C	C	C			C	C	C		C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C								C	C	C	C	C	C	C	C	C	C	C
14															C	C	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C	C	C				C	C	C	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
19	C	C																						
20																C	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C	C	C			C	C	C	C	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
25																								
26													C	C	C	C	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
30	C	C	C	C		C	C	C	C	C	C		C	C	C	C	C	C	C	C	C	C	C	C
31																								

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 527

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 0

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 0

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 0

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 217

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

		MONTH												YEAR											
		JAN												66											
DAY	HOUR																								
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1										C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
2			C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
4	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
5	C	C	C	C	C	C	C																		
6																									
7												C	C	C	C	C	C	C	C	C		C	C	C	
8	C	C	C	C	C	C	C			C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
9	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
10	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
11	C	C																							
12																									
13																		C	C	C	C	C	C	C	
14	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
15	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
16	C		C			C	C	C	C	C	C	C	C	C	C	C	C	C	C	C					
17																									
18																									
19									C	C	C	C		C	C	C	C	C	C	C	C	C	C	C	
20	C	C	C	C	C	C	C	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	
21	C	C	C		C	C	C	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	
22							C	C		C	C						C								
23																									
24																									
25													C	C	C	C	C	C	C	C	C	C	C	C	
26																									
27																									
28																									
29																									
30																									
31																									

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 312

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 0

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 0

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 0

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 432

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH
JULYYEAR
66

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1									C	C	C	C	C	C	C	C	C	C						
2				C	C				C	C	C	C	C	C	C	C	C	C	C					
3		C	C	C	C	C	C				C	C	C	C	C	C	C	C	C	C	C	C		
4		C									D	D	D	D	D	C							D	D
5	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
6	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
7	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
8	C	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
9	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
10	D	D		D	D	D	D	D	D	D	D	D	D	D	D									
11						D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D	D
12	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D			C	C	C		
13	C	C	C	C	C	C	C	C	C	C	C													
14			C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C			
16				C	C	C	C	C	C	C	C	C	C	C										
17																								
18													C	C	C	C	C	C	C		C	C	C	C
19	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C
21	C	C	C	C	C		C	D	D	D	D	D	D	D	D	C	C	C	C	C	C	C	C	C
22	C					D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
23			D	D				D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
24	D	D	D	D	D	D											C	C						
25	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	D	D	D	D	D	D	D	C
26	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
27	C	C	C	D	D	D	C	C	C	C	C	C	C	C	D	D	D	D	D	D	D	D	D	D
28	D	C	C	D	D	D	D	C	C															
29																							C	C
30	C	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 286

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 251

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 0

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 0

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 207

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH
AUGYEAR
66

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4																						C	C	C
5	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
9	C	C	C	C				C																
10																								
11																								
12																								
13	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
15	C	C	C	C	C																			
16											C	C	C	C	C	C	C	C	C	C		C	C	C
17	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C
18	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
21																								
22											C	C	C	C	C	C	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C				
27																								
28						C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 511

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 0

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 0

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 0

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 233

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH YEAR
SEPT 66

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C						
2																								
3														C	C	C	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C	C	C	C	C	C	C										
8																		C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
11	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
13	C	C	C	C	C																			
14											C	C	C	C	C	C	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
17			C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
19	C	C	C	C	C																			
20									C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
21		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		
25																								
26							C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
28	C	C	C				C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 546

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 0

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 0

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 0

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 198

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH
OCT

YEAR
66

DAY

HOURLY

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1																								
2					C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
7	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
8	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
9	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
10	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
11	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
12	D	C	C	D	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
13			D	D	D	D	D																	
14	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
18																								
19																								
20	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
24	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
25	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
26	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
27		D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
28	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
29	D	D	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
30	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
31	D	D	D	D	D	D	D	D	D	D	D	C	C	C	D	D	D	D	D	D	D	D	D	D

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 297

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 325

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 0

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 0

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 122

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH
NOV

YEAR
66

DAY

HOURLY

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
2	D	D	C	C	C	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
3	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
4	D	D	D	D	C	D	C	C	C	C	C	C	D	C	D	C	D	D				C	C	D
5	C	C	C																					
6																								
7	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C
8	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
11	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
12		D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
13	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
14	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
15	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
16	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
17				D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
18	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
19	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
20	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
22	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
23		D	D	D	D																			C
24	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
25		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
26	C	C	D	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
27	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
28	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
29	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
30	D	D	D	C	C	C	C	C	C	C	C	D	D	D	C	D	D	D	D	D	D	D	D	D

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 183

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 472

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 0

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 0

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 89

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH YEAR
DEC 66

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	D	D	D	D	C	C	C	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D	D
2	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
3	D	D	D	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D
4	D	D	D	C	C	C	C	C	C	C	C	C	C	C	D	D	D	D	D	D	D	D	D	D
5	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
6	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
7	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	C	D	D	D	D
8	D	D	D	D	C	D	D	D	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
10	C	C														D	D	D	D	D	D	D	D	D
11							D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
12	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
13	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D
14	D	D	D	D	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D
15	D	D	D	D	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
16	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
17		D									D	D	D	D	D	D	D	D	D	D	C	D	D	D
18	D	D	C	C	C	C	C	C	C	C	D	D	D	D	D	D	D	D	D	C	C	D	D	D
19	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D
20	D	D	D	D	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	D	D	C	C	C	D	D	D	D	D	D			C	C	C	C							
22																								
23				D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D
24	D	D	D	D	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	D	D
25	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
26	C	C	C	C	C	C	C	C	C	C	D	D	D	D	D	D	D	D	D	C	D	D	D	D
27	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
28										D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
29	D										C	D	C	D	D	D	D	D	D	C	D	D	D	D
30	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D	D
31	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 102

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 548

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 0

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 0

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 94

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH
JANYEAR
67

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C																						
3																								
4															C	C	C	C	C	C	C	C	C	C
5			C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C			C	C			C	C	C
7	C	C	C	C	C	C	C	C	C	C	C	C	C	C			C	C		C				
8			C	C	C	C											C	C						
9	D	D	D	D	D	D	D	D	D	D	D	D	D	D				D	D				D	D
10	D	D	D	D	D	D	D	D			C		C	C	D	D	D	D	D	D	D	D	D	D
11							C	C	C	C		C	C	C	C	D	D	D	D	D	D	D	D	D
12	D	D	D	D	D	D	D	D					D			D	D	D	D	D	D	D	D	D
13	C	D	D	D	D	D	C	D	C	C	D	D	D		D	D	D	D	D	D	D	D	D	D
14	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
15	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
16	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
17	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C
18	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		C	C	C	C	C
19	C		D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
20	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	D	D	D		D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
22	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
23	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
24	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
25	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
26	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
27	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
28	D		D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
29	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D	D	D	D		D	D	D	D	D
30	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
31	D	D	D	D	D	D			D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 141

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 477

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 0

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 0

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 126

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH
FEB

YEAR
67

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
2																								
3	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
4	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
5	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
6	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
7	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
8	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
9	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
10	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
11	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
12	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
13	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
14																								
15																								
16	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
17	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
18	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
19	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
20	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
22	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
23	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
24	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
25																								
26	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
27	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
28	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 600

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 0

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 0

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 144

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH
MAR

YEAR
67

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1																								
2							D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D	D
3	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D
4		D	D	D	D	D	D	D	D	D		D	D	D	D	D	D	D	D	C	D	D	D	D
5	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
6	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D
7	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D
8	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D	D
9	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D	D
10	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D
11	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
12	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
13	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D
14	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D	D
15	D	D																	C	D	D	D	D	D
16																								
17																		D	D	D	D	D	D	D
18	D	D	D	D	D	D	D	D	D	D	D		D	D	D	D	D	D	D	D	D	D	D	D
19	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D
20	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D	D
21	D	D	D						D	D	D	D	D	D	D	D	D	D	C	D	D	D	D	D
22	D	D	D	D	D	D	D	D	D	D			D	D	D	D	D	D	D	C	D	D	D	D
23	D	D			D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
24	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
25	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
26	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D	D
27	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D	D
28	D	D	D	D	D	D	C	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D	D
29	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D
30	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D
31	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 636

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 0

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 0

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 108

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH YEAR
APR 67

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1			D	D	D	D	D	D	D	D	D	D												
2																								
3																								
4																								
5						D				D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
6	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
7									D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
8					D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
9	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
10	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
11	D	D							D	D	D	D			D	D	D	D	D	D	D	D	D	D
12	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
13	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
14	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
15	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
16	D	D	D	D	D	D	D	D	D	D		D	D	D	D	D	D	D	D	D	D	D	D	D
17	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
18	D	D	D	D																				
19																								
20																								
21																								
22																								
23							D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
24	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
25			D	D	D		D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
26	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
27	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
28	D		D	D	D	D	D	D				D	D	D		D	D	D	D	D	D	D	D	D
29	D	D	D	D	D		D	D	D					D	D	D	D	D	D	D	D	D	D	D
30	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 468

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 0

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 0

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 276

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH YEAR
MAY 67

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	D	D	D	D	D	D	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
2	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
3	D	D	D	D							D	D	D	D	D	D	D	D	D	D	D	D	D	D
4	D	D																						
5																								
6																								
7																								
8																								
9																	D	D	D	D	D	D	D	
10						D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
11	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
12	D	D	D	D	D	D	D	D	D	D	D	D		D	D	D	D	D	D	D	D	D	D	D
13	D	D	D	D	D	D	D	D	D	D	D	D		D	D	D	D	D	D	D	D	D	D	D
14	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
15	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
16	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
17						D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
18	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
19																								
20																								
21																								
22																								
23																								
24																								
25																								
26										F														
27							D	D	D	D	D			F	F	F	F	F	F					
28										D														
29																								
30		D	D	F	D	F	D	F	F	F	F	F	D											
31						F																		

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 279

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 0

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 15

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 450

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH YEAR
JUNE 67

DAY

HOURLY

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1																								
2																								
3																								
4		F	F	F	F	F	F	F	F	F	F									F	F	F	F	F
5									F	F	F				F	F	F							
6																								
7																								
8					F	F	F	F	F	F	F		F	F	F	F	F	F	F	F		F	F	F
9	F	F	F	F	F	F	F	F		F	F	F		F	F	F	F	F	F	F	F	F	F	F
10																								
11																								
12																								
13				F	F	F		F	F	F	F	F	F	F	F	F	F	F	F	F				
14	F	F	F		F	F	F	F						F	F	F	F	F	F	F		F		F
15																								
16				F	F	F			F	F	F	F	F	F		F	F	F	F	F				
17	F	F	F		F	F	F	F	F	F	F	F	F	F		F	F	F	F	F		F	F	F
18	F	F	F	F	F	F	F	F	F				F	F	F	F	F	F	F	F		F	F	F
19																								
20				F	F	F	F	F	F	F	F	F	F	F		F	F		F	F	F	F	F	F
21		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
22	F		F	F	F	F	F	F	F	F	F		F	F	F	F	F	F	F	F	F	F	F	F
23	F	F	F			F									F	F		F	F	F	F	F	F	F
24																								
25	F	F	F	F	F	F	F	F	F	F	F		F	F	F	F	F	F	F	F	F	F	F	F
26	F	F	F		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
27	F	F	F	F		F	F	F	F	F	F	F	F		F	F	F	F	F	F	F	F	F	F
28																								
29	F		F	F	F	F	F	F	F	F	F	F	F	F		F	F	F	F	F	F	F	F	F
30	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 0

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 0

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 305

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 439

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH
JULYYEAR
67

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	F		F	F	F	F	F	F	F	F	F	F	F	F			F							
2																								
3				F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F	F	F	F	F
4	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
5		F	F	F	F	F	F	F	F									F	F	F	F		F	F
6																								
7									F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
8	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
9	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
10	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
11																								
12	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F	F	F	F	F
13	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F	F	F	F	F
14		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
15																								
16	F	F	F	F	F	F	F	F	F	F		F	F	F	F	F	F	F	F	F	F	F	F	F
17	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
18	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
19	F	F																F	F	F	F	F	F	F
20							F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			F
21	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
22	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
23	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
24																								
25	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
26	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
27	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
28	F	F	F	F		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
29	F	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F	F	F	F	F	F	F
30	F	F	F		F	F	F	F	F	F	F	F	F	F	F		F	F	F	F	F	F	F	F
31	F	F	F		F	F	F	F	F	F		F	F	F	F	F	F	F	F	F	F	F	F	F

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 0

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 41

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 483

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 220

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH YEAR
AUG 67

DAY

HOURLY

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	E	E		E	E	E	E			E	E	E	E		E	E	E	E		E	E	E	E	
2	E		E	E	E			F	F	F	F	F	E	E	F	F	F	F	F		F	F	F	F
3	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
4	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
5	F	F	F	F	F	F	F	F	F	F	F	F	F	E	E	F	F	E	E	E		E	E	
6	E	E	E	E	E	E	E	E	E	E			F	F	F	F	F	F	F	F	F	F	F	F
7	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	E	F	F	F	F	F
8	F	F	F	E	F	F	F	F	F	E	E	F	F	F	F	E	F	F	F	F	F	F	F	F
9	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
10	F	F												E	E	E			E	E	E	F	F	F
11	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
12	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	E	F	F	F	F
13	F	E	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
14	F	F	F	F	F	F	F	F	F	F	E	E	E		E	E	E	E	E	E	E	E	E	E
15				E	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
16	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
17	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			
18	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			
19													F	F	F	F	F	F	F	F	F	F	F	F
20	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
21	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
22	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
23																						F	F	F
24	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F	F	F	F	F	F	F	F
25	F	F	F	F	E	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
26	F		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
27	F	F	F	F	F	F	F	F	F	F	D	D	D	D	D	D	D	D	D	D	D	D	D	D
28	D	D	D	D	D	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	D	F	F
29	F	F	F	F	F	F	F	F	F	F	D	E	F	F	F	F	F	F	F	F	F	F	F	F
30	E	F	F	F	F	F	F	D	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
31	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	D	D	D	D	D	D	D

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 29

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 70

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 568

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 77

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH
SEPTYEAR
67

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	D	D	D	E	E	E	E	D	D	E	D	F	F	F	F	F	F	F	F	F	F	F	F	F
2	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
3	F	F	F	F	F	F	E	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
4	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	E	E	E
5	E	E	E	F	E	F	E	E	E	E	E	E	E	E	E	F	F	E	E	E	F	F	F	F
6	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	E	F	F	F	F	F
7	F	F	F	F	F	F	E	F	F	E	E	F	E	F	F	F	F	F	F	F	F	F	F	F
8	F	E	F	E	F	F	F	F	F	F	F	F	F	F	F	F	F	E	F	F	F	E	F	F
9	F	F	F	F	F	F	F	F	F	F	D	D	D	D	D	D	D	D	D	D	D	D	D	D
10	D	D	D	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
11	F	F	F	F	F	F	F	F	F	D	D	D	F	F	F	F	F	F	F	F	F	D	F	F
12	F	F	F	F	F	F	F	F	F	F	F	D	F	F	F	F	F	F	F	F	F	F	F	F
13	F	F	F	F	F	F	F	D	F	F	F	F	F	F	F	F	F	D	D	F	D	D	D	D
14	D	D	D	D	D	D	D	D	D	D	D	F	F	F	F	F	F	F	F	F	F	F	F	F
15	F	F	F	F	F	F	F	F	F	F	F	F	D	D	F	F	F	F	F	F	F	F	F	F
16	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	D	F	F	F	F	F	D
17	F	F	F	F	F	D	F	D	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
18	F	F	F	D	D	D	F	F	F	F	D	D	F	F	D	D	F	F	F	F	F	F	F	F
19	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
20	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
21	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
22	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	E
23	E	E	E	E	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
24	F	F	F	F	F	F	F	F	F	F	F	F	F	E	F	F	F	F	F	F	F	F	F	F
25	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
26	F	F	F	F	F	F	F	F	F	F	F	D	F	F	F	F	D	D	D	D	D	D	D	D
27	D	D	D	D	D	D	D	D	D	D	D	F	F	F	F	F	F	F	F	F	F	F	F	F
28	F	F	F	F	F	F	F	F	F	F	D	D	F	F	F	F	D	F	F	F	F	F	F	D
29	F	F	F	F	F	F	F	F	F	F	F	D	F	F	F	F	F	F	F	F	F	F	F	F
30	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 84

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 42

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 551

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 67

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH
OCTYEAR
67

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	D	F	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	F	F	F	F	F	F
2	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
3	F	F	D	F	F	F	F	F	F	F	F	F	F	F	F	F	F	D	F	F	F	F	F	F
4	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
5	F	F	F	F	F	F	F	F	F	D	D	D	D	D	D	D	D	C	C	C	D	D	D	D
6	D	D	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
7	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
8	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	D	F	F	F
9	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	D	E	E	E	E	E	E	E
10	E	E	F	F	F	E	F	E	E	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
11	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
12	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
13	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
14																								
15	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	D	F	F	F	F	F
16	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	D
17	D	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
18	F	F	F	F	F	F	F	F	F	D	D	D	D	D	D	D	D	D	C	C	D	D	D	D
19	D	D	D	F	F	F	F	F	F	D	F	F	F	F	F	F	F	F	F	F	F	F	F	F
20	F	F	F	F	F	F	F	F	F	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	D	D	D	D	D	D	D	D	D	D	F	F	F	F	F	F	F	F	F	F	F	F	F	F
22	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	D	D	D	D	D	D	D
23	D	D	D	D	D	D	D	D	D	D	D	F	F	F	F	F	F	F	F	F	F	F	F	F
24	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
25	F	F	D	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
26	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
27	F	F	F	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	F	F	F	F	F
28	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
29	F	F	F	F	F	F	F	F	F	F	F	D	D	D	F	F	F	F	F	F	F	F	F	F
30	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
31	F	F	F	F	F	F	F	E	E	E		E	E	E	E	E	E	E	E	E	E	E	E	E

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 124

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 28

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 565

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 27

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH
NOVYEAR
67

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	E	E	E	E	E	F	F	F	F	F	F	F	F	F	F	F	F	E	F	F	F	F	F	F
2	F	F	F	F	F	E	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
3	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
4	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	D	D	D	D	D	D	D	D
5	D	D	D	D	D	D	D	D	D	D	D	D	D	F	F	F	F	F	F	F	F	F	F	F
6	D	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
7	F	F	F	F	F	F	F	F	F	F	F	F	F	F	D	F	F	F	F	F	F	F	F	F
8	F	F	F	F	F	F	F	F	F	D	F	F	F	F	F	F	F	F	F	F	D	D	D	D
9	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	F
10	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
11	E	E	F	E	E	F	F	F	F	F	D	F	F	F	F	F	F	F	F	F	F	F	F	F
12	F	F	F	F	F	F	F	F	D	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
13	F	F	F	F	F	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
14	D	D	D	D	D	F	D	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	D
15	D	D	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
16	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
17	F	F	F	F	F	F	F	F	F	F	D	D	D	D	D	D	D	D	D	D	D	D	D	D
18	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	F	F	F	F	F	F	F	F
19	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
20	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
21	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
22																		F	F	F	F	F	F	F
23	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
24	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
25	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
26	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
27	D	D	D	D	D	D	D	D	D	D	F	F	F	F	F	F	D	D	D	D	D	D	D	D
28	E	D	D	D	D	D	D	D	D	D	D	D	D	F	F	F	F	F	F	F	F	F	F	F
29	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
30	D	F	F	D	D	F	F	F	F	F	D	D	D	D	D	D	D	D	E	D	D	D	E	E

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 181

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 15

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 499

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 49

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH
DECYEAR
67

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	D	D	E	D	D	D	D	D	D	D	D	D	D	D	E	E	E	D	F	F	F	F	F	F
2	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
3	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
4	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	D	D	D	D	D
5	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
6	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
7	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	D	D	F	F	F	F	F	F
8	F	F	F	F	F	F	F	D	F	F	F	D	F	F	F	F	F	F	F	F	F	D	D	D
9	D	E	E	E	E	E		E	E	E	E		E	E	E	E	E			E	E	E	E	E
10	E	E	E	E			E	E	E	E		E	E	E	E	E	E	F	F	F	F	F	E	F
11	F	E		F				F	F													D	D	D
12	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
13	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
14	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
15	D	D	F	F	F	F	F	D	D	D	D	F	D	D	F	F	F	F	F	F	F	F	F	F
16	F	F	F	F	F		F	F	F	F	F	F	F	F	F	F	F	F	F			F	F	F
17																								
18																								
19																				F	F			
20			F	F	F	F	F	F	F	F	F	F	F	F						F	F	F	F	F
21	F	F	F	F	F	F	F	F	F	F	F	F	F	F	E	E	E	E	E	E	E	E	E	E
22	E	E	E	E	E	E	E	E		E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
23	E	E	E	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
24	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
25	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
26	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
27	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	D	E	E	E
28	E			E		E	E	E	E	E	E	E	E		E		E	E	E	E	E	E	E	E
29	E	E	E		E	E	E	E	E	E	E	E		E		E	E	E	E	E	E	E	E	E
30	E	E		E	E	E	E	E	E	D	D	D	D	D	D	D	D	D	D	D	D	D	E	E
31	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 285

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 126

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 215

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 118

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH
JAN
YEAR
68

DAY

HOUR

DAY	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
2	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
3	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
4	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
5	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
6	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
7	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
8	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
9	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
10	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
11	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
12	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
13	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
14	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
15	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
16																								
17																								
18	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
19	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
20	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
22	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
23	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
24	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
25	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
26	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
27	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
28	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
29	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
30	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
31	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 691

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 7

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 0

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 46

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANARY MAGNETIC FIELD VECTORS

MONTH
FEBYEAR
68

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
2	D	D	D	D	D	D	D	D	D	D	D	D	D	E	E	D	E	E	E	E	E	E	E	E
3	E	E	E	E	E	E	E	E	E	E		E	E	E	E	E	E	E	E	E	E		E	E
4	E	E	E	E	E	E	E	E	E		E	E	E		E	E	E	E	D	D	D	D	D	D
5	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
6	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
7	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
8	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
9	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
10		D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
11	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
12	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
13	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
14	D		D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
15	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
16	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
17	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
18	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
19	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
20	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E		E	E
21	E	E	E	E	E	E	E		E	E	E	E	E	E	E	E	E	E	E	E		E	E	E
22	E		E	E	E	E	E		E	E	E	E	E	E	E	E	E	E		D	D	D	D	D
23	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
24	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
25	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
26	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
27	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
28	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
29	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 593

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 85

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 0

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 66

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH
MAR

YEAR
68

DAY

HOURLY

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D
2	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
3	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
4	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D
5	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
6	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D	D
7	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D
8	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D
9	D	D	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E	E	E	E	E	E	E
10	E	E	E			E	E	E	E	E	E	E												
11																								
12							D		D	D	D	D	D	D	D	D	D	D	C	C	D	D	D	D
13	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D	D
14	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D
15	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
16	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
17	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D
18	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D	D
19	D	D	D	D	D	D	D	D	D	E	E	D	D	D	D	D	D	D	D	C	C	D	D	D
20	D	D	D	D	D	D	C	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D
21	D	D	D	D	D	D	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
22	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
23	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
24	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D	D
25	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D
26	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D
27	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	E	E	E	E	E
28	E	E		E	E			E	E		E	E	E	E	E	E			E	E	E	E	E	E
29	E	E	E			E	E	E		E	E	E	E	E			E	E	E	E		E	E	E
30	E			E	E	E	E	E	E	E	E	E	D	D	D	E	E	E	E		E	D	D	D
31	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	D	D	D	D

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 601

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 78

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 0

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 65

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH YEAR
APR 68

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D	D
2	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D	D
3	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D	D
4	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D
5	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D
6	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D
7	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D
8	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D
9	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D
10	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D
11	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D
12	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D
13	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D
14	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	C	C	D	D	D
15																								
16																								
17	E	E		E	E	E	E	E	E	E	E	E	E		E	E	E	E	E	E	E	E	E	E
18	E			E	E	E	E	E	E	E	E	E	E	D	E	E	E	E	E	E	E	E	E	E
19	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
20	D	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
22	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
23	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
24	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
25	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
26	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
27	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
28	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
29	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
30	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 622

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 31

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 0

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 91

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH
MAYYEAR
68

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
2	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
3	D	D	D	D	D	D	E	E	E	E		E	E	E	E	E	E	E	E	E	E	E	E	E
4	E	E	E	E	E	E	E	E	E		E	E	E	E	E	E	E	E	E	E	E	E	E	E
5	E	E	E	E	E	E	E	E			E	E	E	E	E	E	E	E	E	E		E	E	E
6	E	E	E	E	E	E	E		E	E	E	E	E	E	E	E	E	E	E		E	E	E	E
7																								
8																								
9																								
10			D			D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
11	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
12	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
13	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
14	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
15	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
16	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
17	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
18	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
19	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
20	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
21	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
22	D	D	D	E	E	E	E	E	E	E		E	E	E	E	E	E	E	E			E	E	E
23		E	E	E	E	E	E	E			E	E	E	E		E	E	E				E	E	E
24	E	E	E	E	E	E			E	E	E	E	E		E	E	E			E	E	E	E	E
25	E	E	E	E			E	E	E	E	E	E		E	E		E	E	E	E	E	E	E	E
26		E	E		E	E	E	E	E	E	E		E	E		E	E	E	E	E	E	E	E	
27	E			E	E	E	E	E	E	E	E	E	E		E	E	E	E	E	E	E	E		E
28	F	F	F	F	F	F	F	E	E	E	E		E	E	E	E	E	E	E	E	E		E	E
29	E	E	E	E	E	E	E	E	E	E		E	E	E	E	E	E	E	E	E			E	E
30		E	E	E	E	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
31	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 379

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 227

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 7

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 131

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH YEAR
JUNE 68

DAY

HOURLY

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	F	D	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	D
2	F	D	F	F	F	F	F	F	F	F	F	F	F	F	F	D	D	D	D	D	D	D	D	F
3	F	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
4	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
5	D	D	D	D	D	D	F	F	F	F	F	F	D	F	F	D	D	D	D	D	D	F	F	F
6	F	D	F	F	F	F	D	F	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
7	D	D	F	F	F	F	F	F	F	F	F	F	F	D	D	D	D	D	D	D	D	D	D	D
8		D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
9	D	D	D	D	F	D		F	D	D	F	D	F	F	F	F	F	D	F	F	F	F	F	F
10	F	F	F	F	F	F	F			F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
11	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
12																								
13																		F	F	F	F	F	F	F
14	F	F	F	F	F	F	F		F	F		F	F	F	F	F	F	F	F	F	F	F	F	F
15	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
16	F	F	F		E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
17	E	E		E	E	E	E	E	E	E		E	E	E	E	E	E	E	E	E	E	E	E	E
18	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
19	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
20	F	E	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	D	D	D	D	E		E
21	E	E			E	E	E	E	E	E		E	E			D	D	D	E	D	D	D	D	D
22	D	D	D	D	D	D	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
23	F	F	F	F	F	D	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
24	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	D	D	D	D	D
25	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
26	D	D	D	D	D	D	D	D	F	F	D	D	D	F	F	F	F	F	F	F	F	F	F	F
27	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
28	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
29	F	F	F	F	F	F	F	E	E	E	E	E	E	E		E	E	E	E	E	E	E	E	E
30	E			E	E	E	E	E	E	E	E	E	E			E	E	E	E	E	F	F	E	F

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0
D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 194
E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 89
F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 367
BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 94

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH
JULY

YEAR
68

DAY

HOURLY

DAY	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
2	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
3	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
4	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
5	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
6	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
7	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
8	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
9																								
10	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
11	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
12	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
13																								
14							D	D	D	D	D	D	D	D	D	D								
15	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
16	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
17	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
18	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
19	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
20	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
21	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
22	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
23	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
24	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
25	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
26	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
27	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
28	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
29	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
30	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
31	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 10

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 110

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 529

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 95

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH YEAR
AUG 68

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
2	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
3	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
4	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
5	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
6	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
7	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
8																								
9	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
10	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
11	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
12																								
13	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
14	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
15	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
16	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
17	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
18	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
19	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
20	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
21	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
22	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
23	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
24	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
25	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
26	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
27	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
28	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
29	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
30	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
31	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 0

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 92

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 567

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 85

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH
SEPT

YEAR
68

DAY

HOURLY

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
2	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
3																								
4	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
5					F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
6	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
7																								
8	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
9	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
10	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
11	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
12																								
13	E	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
14	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
15	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
16	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
17	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
18	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
19	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
20	E		E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
21	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
22	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
23	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
24	F	F	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
25	E	E		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
26	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
27	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
28	F	F	F	F	F	F	F	F	F	F	F	F	F	F	E			E	E	E	E	E	E	E
29	E	E	E		E	E	E	E		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
30	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 0

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 91

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 545

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 108

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH
OCT

YEAR
68

DAY

HOURLY

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
2	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
3																				F	F	F	F	F
4	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
5	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
6	F	F	F	F	F	F			F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
7	F																							F
8	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
9	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
10	F	F	F	F			F							F	F	F	F	F	F	F	F	F	F	F
11	F	F	F	F					F	F	F	F	F											
12						F		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
13	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
14	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
15	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
16	F	F	F	F	F	F	F	F			F	F	F	F	F	F	F	F	F	F	F	F	F	F
17	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
18	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
19	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
20	F	F	F	F			F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
21	F	F	F	F		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
22	F	F	F	F	F		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
23	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
24	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
25		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
26	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
27	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
28	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
29	F	F		F	F	F	F		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
30			F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
31	F	F	F		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 0

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 77

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 570

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 97

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH YEAR
NOV 68

DAY

HOUR

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
2	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
3	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
4	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
5	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
6	F	F			F	F	F																	
7											F	F	F	F	F	F	F	F	F	F	F	F	F	F
8	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
9	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
10	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F						
11																						F	F	F
12	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
13	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
14	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
15	F		F																					
16					F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
17	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
18	F	F	F	F	F	F	F	F	F				F	F	F	F	F	F	F	F	F	F	F	F
19		F	F	F	F																			
20										F	F	F	F	F	F	F	F		F	F	F	F	F	F
21	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
22	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
23	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F									
24																F		F	F	F	F	F	F	F
25	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
26	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
27	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
28																								
29				F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
30	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 0

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 0

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 526

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 218

SPACECRAFT COVERAGE FOR HOURLY AVERAGE INTERPLANETARY MAGNETIC FIELD VECTORS

MONTH YEAR
DEC 68

DAY

HOURLY

DAY	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
2	F	F	F	F	F																			
3																								
4	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
5	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
6	F	F	F	F	F	F	F																	
7																								
8				F				F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
9	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
10	F	F	F	F	F	F	F	F	F	F	F	F												
11																								
12																								
13									F	F	F	F	F	F	F	F	F	F	F	F	F			F
14	F	F	F			F								F	F									
15																								
16																								
17																								
18	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
19																								
20																								
21									F				F	F	F	F	F	F	F	F	F	F	F	F
22	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
23																								
24																								
25												F	F	F	F	F	F	F	F	F	F	F	F	F
26	F	F	F	F	F	F	F				F	F	F	F	F									F
27	F	F	F	F	F		F																	
28																								
29																								
30																								
31																								

C = IMP C = IMP 3 = EXPLORER 28;NUMBER OF POINTS FOR THIS MONTH = 0

D = AIMP D = AIMP 1 = EXPLORER 33;NUMBER OF POINTS FOR THIS MONTH = 0

E = AIMP E = AIMP 2 = EXPLORER 35;NUMBER OF POINTS FOR THIS MONTH = 0

F = IMP F = IMP 4 = EXPLORER 34;NUMBER OF POINTS FOR THIS MONTH = 262

BLANK = NO DATA;NUMBER OF SUCH HOURS THIS MONTH = 482