

Data Set Catalog # 192

Interim Data Set Catalog

Surveyor 6 TVID

67-112A-01E

3 tapes

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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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

SURVEYOR 6

PSPG 00391

TVID DATA ON MAGNETIC TAPE

67-112A-01E

This data set has been restored. There was originally one 7-track, 556 BPI tape written in Mixed Mode. There is one restored tape. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The original tape was created on a 7094 computer and the restored tape was created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D number are as follows:

DR#	DS#	D#	FILES
-----	-----	-----	-----
DR004589	DS004589	D001576	1

SURVEYOR 6 T V I D

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- I. Problems Encountered
- II. Tape Format
- III. Program for Listing
- IV. Output from Program

February 19, 1969

SURVEYOR T V I D

Two major problems were encountered. The first problem caused the program to terminate. The internal IOCS word count and external IOCS word count did not match. The second problem, not knowing the format of the data cards, was not solved. Jewell Chase altered the program so that it would produce a listing of the tapes in a way that data cards were not required. The only option available is a list of the whole tape. Individual records cannot be listed separately.

Jim Daffron



JET PROPULSION LABORATORY California Institute of Technology • 4800 Oak Grove Drive, Pasadena, California 91103

December 30, 1968

Mr. Kenneth Michlovitz
NSSDC
Code 601
NASA, Goddard
Greenbelt, Maryland

Dear Mr. Michlovitz:

Per your request, enclosed is:

1. 556 BPI seven track Fortran (NSSDC supplied) tapes of Surveyor 5 and 6 Television Identification (TVID).
2. An object deck used for listing the data.
3. A sample of the output of the program.

Each set of TVID contains 63 thirty six bit words. The data is blocked such that there are four sets of TVID per record. There are, therefore, 253 words per record (one Fortran header plus 4 times 63). All of the TVID is in the first (and only) file.

The TVID in each set is in engineering units and has the following meaning:

<u>Work Number</u>	<u>Format</u>	<u>Meaning</u>
10	Fixed	Day of the year
36	Fixed	GMT (Greenwich Mean Time) hour
46	Fixed	GMT minute
50	Fixed	GMT second
45	Fixed	GMT millisecond
73	Fixed	File number (printed in octal)
56	Fixed	Survey number (see survey number as listed in TV data book)
2	Floating	Azimuth of picture
15	Floating	Elevation angle of picture
35	Fixed	Focus step which gives the in focus range of the camera
22	Floating	The focus step presented in meters

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<u>Work Number</u>	<u>Format</u>																			
39	Floating	The camera iris setting																		
26	Fixed	Filter. The filters mean:																		
		<table> <tr> <th><u>Filter #</u></th><th><u>S/C 1,3,5</u></th><th><u>S/C 6 & 7</u></th></tr> <tr> <td>1</td><td>Clear</td><td>No polarization</td></tr> <tr> <td>2</td><td>Green</td><td>Verticle polarization</td></tr> <tr> <td>3</td><td>Blue</td><td>45 degree polarization</td></tr> <tr> <td>4</td><td>Red</td><td>Horizontal polarization</td></tr> <tr> <td>5</td><td>Clear</td><td>No polarization</td></tr> </table>	<u>Filter #</u>	<u>S/C 1,3,5</u>	<u>S/C 6 & 7</u>	1	Clear	No polarization	2	Green	Verticle polarization	3	Blue	45 degree polarization	4	Red	Horizontal polarization	5	Clear	No polarization
<u>Filter #</u>	<u>S/C 1,3,5</u>	<u>S/C 6 & 7</u>																		
1	Clear	No polarization																		
2	Green	Verticle polarization																		
3	Blue	45 degree polarization																		
4	Red	Horizontal polarization																		
5	Clear	No polarization																		
20	Alphanum.	Focus. "Wide" is the 25mm focal length "Narrow" is the 100mm focal length																		
54	Alphanum.	Shutter. "Normal" shutter represents an exposure of 0.2 seconds. "Open" shutter represents either 1.2 seconds or longer. The time of exposure is often given.																		
61, 62 & 63	Alphanum.	Comments. The comments should be fairly self explanatory. The numbers which are in the comments column refer to the JPL photo lab identification of digitized pictures. When a frame has been digitized but a picture is not available, the word "digitized" appears.																		

The enclosed program was used for making changes to the TVID and to make listings. As such there are changes which you might wish to make if you want to use the program as a lister.

The most significant change is the removal of the "DECODE" instruction which appears three places and which is not normally part of a Fortran IV capability. A considerable simplification in the program can be achieved if it is used as a lister. For normal use, the numbers which appear above the column headings and the columns "volt" and "IDQ" need not appear, since they were used only for TVID correction purposes.

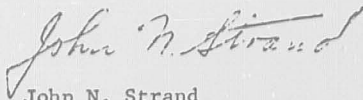
The first record is a short record for whatever identification is desired by the user. The last record is 253 words long and contains TV identification sets (usually) and an indication of the end of TVID. This indication is the alphanumeric message "END OF" in the first word after the last set of TVID.

The program can be run now, as it is (with the "DECODE" in if your computer can handle it, or else by replacing these by "CONTINUE"), with two data cards. The first data card should have the spacecraft number in column 3 and the last card should have a nine in column one.

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If there are any questions or comments, please call me.

Sincerely,

A handwritten signature in dark ink, appearing to read "John N. Strand". The signature is fluid and cursive, with the first name "John" and last name "Strand" being more prominent than the middle initial "N".

John N. Strand

JNS:dkm

cc: L. Jaffe
C. Kirsten
B. Martin
W. Spuck


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$JOB C01T J.R.JOHN5 ROOM 109 X 2133 CODE 601
$PAUSE
$EXECUTE 1BJOB
$1BJOB GO,MAP,FILES
$1BFTC FIX LIST,NODECK,M94/2
C SURVEYOR IV-ID CORRECTOR PROGRAM SOURCE DECK
C THIS PROGRAM HAS BEEN MODIFIED TO LIST THE TAPES ONLY
EQUIVALENCE (A,IA)
DIMENSION DATE(2),A(4,63),IA(4,63),IGMT(4)
DATA ENDOF/6HEND OF/
5 FORMAT (1H1, 8H5SURVEYOR, 13, 3X,14HCORRECTED TVID,40X,4HPAGE,15)
6 FORMAT (1H ,
1 40H3/10,36,46,50, 32(73), 56/ 1/2
2 40H 1/15 3/35 1/39 3/26 2/
3 40H20 2/54 2/61,62,63/ //)
7 FORMAT (1H ,
1 40HDAY HRMN SEC FLNMBR SUR AZ
2 40H ELEV F.STP DIST(MTR) IRIS FLTR FO
3 40HCUS SHUTTR COMMENTS VOLT IDG//)
8 FORMAT (1H ,18HNUMBER OF TVID IS ,I10)
C..... DAY HRMN SEC FLN SUR AZ EL STEP DIST IRIS
9 FORMAT (1H ,13,1X14,1XF6,3,4X05,3X12,3X14,3XF7,2,4X12,4XF6,2,
C..... FILTR FCS SHTR CMMTS VOLTS IDG
1 4XF4,1,4X11,2XA6,2XA6,1X3A6,1XF5,2,3X12)
C
C THE VALUE OF KRAFT MUST BE CHANGED TO CORRESPOND TO SPACECRAFT ID
KRAFT=6
C
NMBR = 0
KOUNT = 5000
IPAGE = 0
READ (6) (DATE(I),I=1,2)
13 READ (6) ((A(K,J),J=1,63),K=1,4)

DO 27 LOT = 1,4
IF (A(LOT,1) .EQ. ENDOF) GO TO 450
IGMT(LOT)=IA(LOT,50)+60*(IA(LGT,46)+60*(IA(LOT,36)+24*IA(LOT,10)))
29 JDAY =IA(LOT,10) + 1000
KHRMN = IA(LOT,36)*100 +IA(LOT,46) + 10000
IF (IA(LOT,45) .GT. 999) IA(LOT,45) = 0
64 SC= FLOAT(IA(LOT,50)+100)+(FLOAT(IA(LOT,45)))/1000.
69 KAZ=A(LOT,2)
IF (KOUNT .LT. 50 ) GO TO 127
IPAGE = IPAGE + 1

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WRITE (3,5) KRAFT,IPAGE

WRITE (3,6)

WRITE (3,7)

KOUNT =0

127 CONTINUE

WRITE (3,9) JDAY,KHRMN,SC,IA(LOT,32),IA(LOT,56),KAZ,A(LOT,15),

1 IA(LOT,35),A(LOT,22),A(LOT,39),IA(LOT,26),A(LOT,20),A(LOT,54),

2 (A(LOT,J),J=61,63),A(LOT,8),IA(LOT,37)

IF (A(LOT,32) .EQ. 0.) GO TO 27

NMBR = NMBR + 1

KOUNT = KOUNT +1

27 CONTINUE

IF (A(1 ,1) .EQ. ENDOF) GO TO 450

IF (A(2 ,1) .EQ. ENDOF) GO TO 450

IF (A(3 ,1) .EQ. ENDOF) GO TO 450

IF (A(4 ,1) .EQ. ENDOF) GO TO 450

GO TO 13

C..... THE END OF THE TAPE HAS BEEN REACHED

450 WRITE (3,8) NMBR

REWIND 6

STOP

END

EOF E SY

DAY	HRMN	SEC	FLNMBR	SUR	AZ	ELEV	F.STP	DIST(MTR)	IRIS	FLTR	FOCUS	SHUTTR	COMMENTS	VOLT	IDG
000	0000	34.500	0	92	-0	-0.00	92	-0.00	-0.0	2	Q00000	Q00000	Q00000Q00000Q00000	-0.00	92
010	0151	34.083	13	10	48	-40.00	22	2.12	9.5	1	NARROW	NCRMAL		4.64	2
011	1035	28.705	1656	0	-125	-49.70	31	2.60	6.0	1	NARROW	NCRMAL		4.78	0
011	1054	38.433	1747	0	-125	-15.30	43	10.30	5.0	1	NARROW	NORMAL		4.78	0
314	0151	02.807	31	10	78	-25.00	32	3.23	3.4	1	WIDE	NCRMAL		4.66	3
314	0151	06.864	32	10	78	-25.00	32	3.23	9.7	1	WIDE	NORMAL		4.66	3
314	0152	23.652	33	10	78	-25.00	32	3.23	6.5	1	WIDE	NCRMAL		4.66	3
314	0154	05.141	34	10	78	-25.00	32	3.23	5.2	1	WIDE	NORMAL		4.66	3
314	0155	46.039	35	10	78	0.	32	3.23	5.2	1	WIDE	NCRMAL		4.67	3
314	0157	26.831	36	10	78	10.00	32	3.23	5.2	1	WIDE	NORMAL		4.67	3
314	0159	49.211	37	10	78	-5.00	32	3.23	3.8	1	WIDE	NCRMAL		4.67	2
314	0202	10.589	40	10	78	20.00	32	3.23	3.8	1	WIDE	NORMAL		4.67	3
314	0204	33.288	41	10	78	20.00	32	3.23	22.7	1	WIDE	NCRMAL		4.68	2
314	0207	56.555	42	10	78	20.00	32	3.23	22.7	1	WIDE	NORMAL		4.68	3
314	0208	57.002	43	10	78	20.00	32	3.23	22.8	1	WIDE	NCRMAL		4.68	3
314	0210	38.773	44	10	0	15.00	32	3.23	22.6	1	WIDE	NORMAL		4.68	3
314	0212	20.801	45	10	0	15.00	32	3.23	22.7	1	WIDE	NCRMAL		4.68	2
314	0214	43.363	46	10	0	15.00	32	3.23	22.6	1	WIDE	NORMAL		4.69	3
314	0216	25.327	47	10	0	15.00	32	3.23	22.7	1	WIDE	NCRMAL		4.69	3
314	0218	48.162	50	10	0	15.00	32	3.23	4.0	1	WIDE	NORMAL		4.69	3
314	0220	50.664	51	10	0	5.00	32	3.23	4.0	1	WIDE	NCRMAL		4.69	3
314	0222	53.133	52	10	-18	0.	32	3.23	4.0	1	WIDE	NORMAL		4.69	3
314	0224	14.877	53	10	-36	-5.00	32	3.23	4.0	1	WIDE	NCRMAL		4.69	3
314	0225	16.203	54	10	-54	-10.00	32	3.23	4.0	1	WIDE	NORMAL		4.69	3
314	0226	17.544	55	10	-72	-10.00	32	3.23	4.0	2	WIDE	NCRMAL		4.69	2
314	0227	39.354	56	10	-90	-10.00	32	3.23	4.0	1	WIDE	NORMAL		4.69	3
314	0228	40.728	57	10	-108	-15.00	32	3.23	4.0	2	WIDE	NCRMAL		4.69	3
314	0230	02.484	60	10	-57	-55.00	32	3.23	4.0	1	WIDE	NORMAL		4.69	3
314	0233	27.318	61	10	-57	-60.00	21	2.04	5.8	1	WIDE	NCRMAL		4.70	3
314	0405	48.173	11717	42	-54	-65.00	25	2.35	4.0	1	WIDE	NORMAL		4.68	2
314	0405	58.671	70	20	-54	-65.00	25	2.35	4.0	1	WIDE	NCRMAL		4.68	0
314	0407	42.484	11720	42	-54	-65.00	25	2.35	4.0	1	WIDE	NORMAL		4.68	2
314	0407	54.150	11721	42	-54	-65.00	25	2.35	4.0	1	WIDE	NCRMAL		4.68	0
314	0408	04.660	11722	42	-54	-65.00	25	2.35	4.0	1	WIDE	NORMAL		4.68	0
314	0408	16.316	11723	42	-54	-65.00	25	2.35	4.0	1	WIDE	NCRMAL		4.68	0
314	0408	26.820	11724	42	-54	-65.00	25	2.35	4.0	1	WIDE	NORMAL	FTPD 2 WA Z2186A	4.68	0
314	0410	52.739	11725	42	-72	-65.00	25	2.35	4.0	1	WIDE	NCRMAL		4.68	0
314	0411	32.451	11726	42	-72	-50.00	25	2.35	4.0	1	WIDE	NORMAL		4.69	2
314	0411	42.963	11727	42	-72	-35.00	25	2.35	4.0	1	WIDE	NCRMAL		4.69	0
314	0418	05.216	11730	42	-72	-20.00	25	2.35	5.8	1	WIDE	NORMAL	HORIZN Z2186B	4.69	0
314	0418	14.575	11731	42	-72	-5.00	25	2.35	5.8	1	WIDE	NCRMAL		4.69	2
314	0418	25.110	11732	42	-72	10.00	25	2.35	5.8	1	WIDE	NORMAL		4.69	2
314	0418	36.812	11733	42	-54	10.00	25	2.35	5.8	1	WIDE	NCRMAL		4.69	0
314	0419	21.250	11734	42	-54	-5.00	25	2.35	5.8	1	WIDE	NORMAL		4.70	2
314	0419	31.782	11735	42	-54	-20.00	25	2.35	5.8	1	WIDE	NCRMAL		4.69	2
314	0420	36.125	11736	42	-54	-35.00	25	2.35	4.0	1	WIDE	NORMAL		4.69	0
314	0420	46.644	11737	42	-54	-50.00	25	2.35	4.0	1	WIDE	NCRMAL		4.69	0
314	0420	57.175	11740	42	-36	-50.00	25	2.35	4.0	1	WIDE	NORMAL		4.69	2
314	0421	07.708	11741	42	-36	-35.00	25	2.35	4.0	1	WIDE	NCRMAL		4.69	2
314	0421	18.239	11742	42	-36	-20.00	25	2.35	4.0	1	WIDE	NORMAL		4.69	0
314	0421	27.601	11743	42	-36	-5.00	25	2.35	4.0	1	WIDE	NCRMAL		4.69	2

DAY	HRMN	SEC	FLNMER	SUR	AZ	ELEV	F.STP	DIST(MTR)	IRIS	FLTR	FOCUS	SHUTTR	COMMENTS	VOLT	IDG
314	0440	03.088	12026	42	108	-5.00	25	2.35	5.8	1	WIDE	NORMAL	SOIL TXTURE Z2188A	4.71	0
314	0440	13.647	12027	42	108	10.00	25	2.35	5.8	1	WIDE	NORMAL		4.71	0
314	0440	24.205	12030	42	126	10.00	25	2.35	5.8	1	WIDE	NORMAL		4.71	0
314	0440	34.755	12031	42	126	-5.00	25	2.35	5.8	1	WIDE	NORMAL		4.71	2
314	0441	51.001	12032	42	126	-20.00	25	2.35	7.8	1	WIDE	NORMAL		4.71	2
314	0442	00.385	12033	42	126	-35.00	25	2.35	7.8	1	WIDE	NORMAL		4.71	0
314	0442	10.945	12034	42	126	-50.00	25	2.35	7.8	1	WIDE	NORMAL		4.71	0
314	0442	22.676	12035	42	126	-65.00	25	2.35	7.8	1	WIDE	NORMAL		4.69	2
314	0442	33.229	12036	42	108	-65.00	25	2.35	7.8	1	WIDE	NORMAL		4.71	0
314	0443	18.985	12037	42	90	-65.00	25	2.35	7.8	1	WIDE	NORMAL		4.71	0
314	0443	29.542	12040	42	72	-65.00	25	2.35	7.8	1	WIDE	NORMAL		4.71	0
314	0443	41.271	12041	42	54	-65.00	25	2.35	7.8	1	WIDE	NORMAL		4.71	0
314	0443	53.005	12042	42	36	-65.00	25	2.35	7.8	1	WIDE	NORMAL	ASI STOWD Z2188B	4.71	0
314	0444	04.750	12043	42	18	-65.00	25	2.35	7.8	1	WIDE	NORMAL		4.71	2
314	0444	16.489	12044	42	0	-65.00	25	2.35	7.8	1	WIDE	NORMAL		4.71	0
314	0444	27.054	12045	42	-18	-65.00	25	2.35	7.8	1	WIDE	NORMAL		4.71	2
314	0444	38.791	12046	42	-36	-65.00	25	2.35	7.8	1	WIDE	NORMAL		4.71	0
314	0444	50.523	12047	42	-54	-65.00	25	2.35	7.8	1	WIDE	NORMAL		4.71	2
314	0445	08.124	12050	42	-90	-50.00	25	2.35	7.8	1	WIDE	NORMAL		4.71	2
314	0445	04.067	12051	42	-90	-50.00	25	2.35	4.9	1	WIDE	NORMAL		4.71	2
314	0449	36.955	223	20	-90	-35.00	25	2.35	4.9	1	WIDE	NORMAL	SOIL TXTURE Z2189A	4.71	2
314	0449	47.529	12052	42	-90	-20.00	25	2.35	4.9	1	WIDE	NORMAL	HORIZN Z2189B	4.71	2
314	0449	56.918	12053	42	-90	-5.00	25	2.35	4.9	1	WIDE	NORMAL		4.71	0
314	0450	08.668	12054	42	-108	-5.00	25	2.35	4.9	1	WIDE	NORMAL		4.71	2
314	0450	18.066	12055	42	-108	-20.00	25	2.35	4.9	1	WIDE	NORMAL	HORIZN Z2190A	4.71	2
314	0450	28.637	12055	42	-108	-35.00	25	2.35	4.9	1	WIDE	NORMAL	SCIL TXTURE Z2190B	4.71	2
314	0450	38.033	12057	42	-108	-50.00	25	2.35	4.9	1	WIDE	NORMAL		4.71	0
314	0450	49.774	12060	42	-126	-50.00	25	2.35	4.9	1	WIDE	NORMAL		4.71	0
314	0451	00.335	12061	42	-126	-35.00	25	2.35	4.9	1	WIDE	NORMAL		4.71	0
314	0451	09.723	12062	42	-126	-20.00	25	2.35	4.9	1	WIDE	NORMAL		4.71	0
314	0451	54.332	12063	42	-126	-20.00	25	2.35	6.7	1	WIDE	NORMAL		4.71	0
314	0452	49.548	12064	42	-126	-5.00	25	2.35	6.7	1	WIDE	NORMAL		4.71	0
314	0453	01.294	12065	42	-144	-5.00	25	2.35	6.8	1	WIDE	NORMAL		4.71	2
314	0453	11.864	12066	42	-144	-20.00	25	2.35	6.8	1	WIDE	NORMAL		4.71	2
314	0453	21.256	12067	42	-144	-35.00	25	2.35	6.7	1	WIDE	NORMAL	SOIL TXTURE Z2191A	4.71	2
314	0453	31.827	12070	42	-144	-50.00	25	2.35	6.8	1	WIDE	NORMAL		4.71	2
314	0455	02.265	12071	42	-162	-50.00	25	2.35	6.8	1	WIDE	NORMAL		4.71	2
314	0455	11.664	12072	42	-162	-35.00	25	2.35	6.8	1	WIDE	NORMAL		4.71	0
314	0455	22.229	12073	42	-162	-20.00	25	2.35	6.7	1	WIDE	NORMAL		4.71	2
314	0455	31.622	12074	42	-162	-5.00	25	2.35	6.7	1	WIDE	NORMAL		4.71	2
314	0455	43.375	12075	42	-180	-5.00	25	2.35	6.7	1	WIDE	NORMAL		4.72	2
314	0455	53.939	12076	42	-180	-20.00	25	2.35	6.7	1	WIDE	NORMAL		4.72	0
314	0456	03.335	12077	42	-180	-35.00	25	2.35	6.7	1	WIDE	NORMAL		4.72	0
314	0456	13.918	12100	42	-180	-50.00	25	2.35	6.7	1	WIDE	NORMAL		4.71	2
314	0456	53.880	12101	42	-158	-50.00	25	2.35	6.7	1	WIDE	NORMAL		4.72	0
314	0457	04.448	12102	42	-138	-35.00	25	2.35	6.7	1	WIDE	NORMAL		4.72	0
314	0457	13.844	12103	42	-158	-20.00	25	2.35	6.7	1	WIDE	NORMAL		4.72	0
314	0457	24.419	12104	42	-158	-5.00	25	2.35	6.7	1	WIDE	NORMAL		4.72	2
314	0457	33.814	12105	42	-158	10.00	25	2.35	6.7	1	WIDE	NORMAL		4.71	0
314	0457	45.562	12106	42	-216	10.00	25	2.35	6.7	1	WIDE	NORMAL		4.71	2

DAY	HRMN	SEC	FLNMBR	SUR	AZ	ELEV	F.STP	DIST(MTR)	IRIS	FLTR	FOCUS	SHUTTR	COMMENTS	VOLT	IDQ
314	0457	54.951	12107	42	-216	-5.00	25	2.35	6.7	1	WIDE	NCRMAL		4.71	0
314	0458	05.829	12110	42	-216	-20.00	25	2.35	6.7	1	WIDE	NORMAL		4.71	2
314	0458	16.026	12111	42	-216	-35.00	25	2.35	6.7	1	WIDE	NCRMAL		4.71	0
314	0458	25.502	12112	42	-216	-50.00	25	2.35	6.7	1	WIDE	NORMAL		4.71	0
314	0458	37.250	12113	42	-216	-65.00	25	2.35	6.7	1	WIDE	NCRMAL		4.71	0
314	0458	48.995	12114	42	-198	-65.00	25	2.35	6.7	1	WIDE	NORMAL		4.72	0
314	0458	59.576	12115	42	-180	-65.00	25	2.35	6.7	1	WIDE	NCRMAL		4.72	0
314	0459	11.332	12116	42	-147	-65.00	25	2.35	6.7	1	WIDE	NORMAL		4.71	2
314	0459	23.082	12117	42	-144	-65.00	25	2.35	6.8	1	WIDE	NCRMAL		4.71	0
314	0459	34.824	12120	42	-126	-65.00	25	2.35	6.7	1	WIDE	NORMAL	SOIL TXTURE Z2191B	4.71	0
314	0459	46.565	12121	42	-108	-65.00	25	2.35	6.7	1	WIDE	NCRMAL		4.71	2
314	0459	57.146	12122	42	-90	-65.00	25	2.35	6.8	1	WIDE	NORMAL		4.71	0
314	0503	47.560	12123	42	-57	-60.00	27	2.54	6.7	1	NARROW	NCRMAL		4.72	2
314	0505	26.318	12124	42	-51	-60.00	27	2.54	6.7	1	NARROW	NORMAL		4.72	0
314	0505	29.833	12125	42	-54	-55.00	28	2.65	6.7	1	NARROW	NCRMAL	FTPD 2 NA Z2192A	4.71	2
314	0505	34.559	12126	42	-60	-55.00	28	2.65	6.7	1	NARROW	NORMAL	FTPD 2 NA Z2192B	4.72	0
314	0505	39.255	12127	42	-63	-60.00	27	2.54	6.7	1	NARROW	NCRMAL		4.72	0
314	0506	18.055	12130	42	-51	-65.00	27	2.54	6.7	1	WIDE	NORMAL		4.72	2
314	0506	49.794	12131	42	-57	-65.00	27	2.54	4.0	1	WIDE	NCRMAL		4.72	2
314	0507	29.783	12132	42	-51	-55.00	27	2.54	4.0	1	WIDE	NORMAL	FTPD 2 WA Z2193A	4.72	0
314	0507	34.491	12133	42	-63	-55.00	27	2.54	4.0	1	WIDE	NCRMAL	FTPD 2 WA Z2193B	4.72	0
314	0507	38.015	12134	42	-63	-65.00	27	2.54	4.0	1	WIDE	NORMAL		4.72	0
314	0510	30.863	12135	42	-57	-65.00	27	2.54	4.0	1	WIDE	NCRMAL		4.72	0
314	0511	00.272	12136	42	-60	-65.00	27	2.54	4.0	1	WIDE	NORMAL		4.72	2
314	0511	24.965	12137	42	-60	-60.00	27	2.54	4.0	1	WIDE	NCRMAL		4.72	3
314	0511	53.185	12140	42	-57	-60.00	27	2.54	4.0	1	WIDE	NORMAL		4.73	2
314	0512	15.522	12141	42	-54	-60.00	27	2.54	4.0	1	WIDE	NCRMAL		0.	3
314	0512	48.460	12143	42	-54	-70.00	27	2.54	4.0	1	WIDE	NORMAL		2.37	2
314	0513	11.975	12144	42	-54	-70.00	27	2.54	4.0	1	WIDE	NCRMAL		4.72	2
314	0513	29.625	12145	42	-57	-70.00	27	2.54	4.0	1	WIDE	NORMAL		4.72	0
314	0513	59.936	12147	42	-60	-65.00	27	2.54	4.0	1	WIDE	NCRMAL		0.	3
314	0514	31.952	12150	42	-63	-65.00	27	2.54	4.0	1	WIDE	NORMAL		4.72	0
314	0515	28.396	12151	42	-66	-65.00	26	2.43	4.0	1	NARROW	NCRMAL		2.36	2
314	0516	28.389	12152	42	-69	-70.00	26	2.43	4.0	1	NARROW	NORMAL		4.72	0
314	0516	33.090	12153	42	-63	-70.00	26	2.43	4.0	1	NARROW	NCRMAL		4.72	0
314	0516	37.793	12154	42	-57	-70.00	26	2.43	4.0	1	NARROW	NORMAL		4.72	0
314	0516	42.492	12155	42	-51	-70.00	25	2.35	4.0	1	NARROW	NCRMAL		4.72	0
314	0516	46.021	12156	42	-45	-70.00	25	2.35	4.0	1	NARROW	NORMAL		4.72	0
314	0516	50.725	12157	42	-39	-70.00	24	2.26	4.0	1	NARROW	NCRMAL		4.72	0
314	0516	56.604	12159	42	-36	-65.00	25	2.35	4.0	1	NARROW	NORMAL		4.72	2
314	0517	01.311	12161	42	-42	-65.00	26	2.43	4.0	1	NARROW	NCRMAL		4.72	0
314	0517	06.014	12162	42	-48	-65.00	26	2.43	4.0	1	NARROW	NORMAL		4.72	0
314	0517	09.544	12163	42	-54	-65.00	26	2.43	4.0	1	NARROW	NCRMAL		4.72	0
314	0517	14.245	12164	42	-60	-65.00	27	2.54	4.0	1	NARROW	NORMAL		4.72	0
314	0517	18.956	12165	42	-66	-65.00	27	2.54	4.0	1	NARROW	NCRMAL		4.72	0
314	0517	23.670	12166	42	-72	-65.00	27	2.54	4.0	1	NARROW	NORMAL		4.72	0
314	0517	28.376	12167	42	-75	-65.00	28	2.65	4.0	1	NARROW	NCRMAL		4.72	0
314	0517	31.910	12170	42	-75	-60.00	29	2.77	4.0	1	NARROW	NORMAL		4.72	0
314	0517	36.615	12171	42	-69	-60.00	29	2.77	4.0	1	NARROW	NCRMAL		4.72	0
314	0517	41.322	12172	42	-66	-60.00	29	2.77	4.0	1	NARROW	NORMAL		4.72	0

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DAY	HRMN	SEC	FLNMBR	SUR	AZ	ELEV	F.STP	DIST(MTR)	IRIS	FLTR	FOCUS	SHUTTR	COMMENTS	VOLT	IDO
314	0517	46.033	12173	42	-63	-60.00	29	2.77	4.0	1	NARROW	NORMAL		4.72	0
314	0517	50.742	12174	42	-57	-60.00	28	2.65	4.0	1	NARROW	NORMAL		4.72	0
314	0517	55.451	12175	42	-51	-60.00	28	2.65	4.0	1	NARROW	NORMAL		4.72	0
314	0518	00.152	12176	42	-45	-60.00	27	2.54	4.0	1	NARROW	NORMAL		4.72	2
314	0518	04.850	12177	42	-39	-60.00	27	2.54	4.0	1	NARROW	NORMAL		4.72	0
314	0518	09.552	12200	42	-42	-55.00	29	2.77	4.0	1	NARROW	NORMAL		4.72	2
314	0518	14.265	12201	42	-48	-55.00	29	2.77	4.0	1	NARROW	NORMAL		4.72	2
314	0518	18.978	12202	42	-51	-55.00	29	2.77	4.0	1	NARROW	NORMAL		4.72	0
314	0518	22.506	12203	42	-54	-55.00	30	2.91	4.0	1	NARROW	NORMAL		4.72	0
314	0518	27.207	12204	42	-57	-55.00	30	2.91	4.0	1	NARROW	NORMAL		4.72	0
314	0518	31.910	12205	42	-60	-55.00	30	2.91	4.0	1	NARROW	NORMAL		4.72	0
314	0518	36.619	12206	42	-63	-55.00	30	2.91	4.0	1	NARROW	NORMAL		4.72	0
314	0518	41.320	12207	42	-66	-55.00	30	2.91	4.0	1	NARROW	NORMAL		4.72	0
314	0518	44.852	12210	42	-69	-55.00	31	3.07	4.0	1	NARROW	NORMAL		4.72	0
314	0518	49.561	12211	42	-72	-55.00	31	3.07	4.0	1	NARROW	NORMAL		4.72	0
314	0518	54.264	12212	42	-69	-50.00	33	3.44	4.0	1	NARROW	NORMAL		4.72	0
314	0518	58.970	12213	42	-63	-50.00	32	3.23	4.0	1	NARROW	NORMAL		4.72	0
314	0522	56.729	12214	42	-57	-50.00	32	3.23	4.0	1	NARROW	NORMAL		4.73	2
314	0523	01.435	12215	42	-51	-50.00	31	3.07	4.0	1	NARROW	NORMAL		4.73	2
314	0523	06.142	12216	42	-45	-50.00	30	2.91	4.0	1	NARROW	NORMAL		4.73	0
314	0524	04.984	12217	42	87	-40.00	25	2.35	4.0	1	NARROW	NORMAL		4.72	0
314	0525	14.449	12220	42	87	-40.00	25	2.35	9.1	1	NARROW	NORMAL		0.	3
314	0526	03.897	12222	42	87	-40.00	25	2.35	9.1	1	NARROW	NORMAL		4.73	0
314	0526	32.151	12223	42	84	-40.00	25	2.35	9.1	1	NARROW	NORMAL		4.73	0
314	0526	35.632	12224	42	84	-45.00	24	2.26	9.1	1	NARROW	NORMAL		4.73	0
314	0526	40.384	12225	42	87	-45.00	25	2.35	9.1	1	NARROW	NORMAL		4.73	0
314	0526	45.097	12226	42	90	-45.00	25	2.35	9.1	1	NARROW	NORMAL		4.72	0
314	0526	49.309	12227	42	93	-45.00	25	2.35	9.1	1	NARROW	NORMAL		4.72	0
314	0526	53.339	12230	42	93	-50.00	24	2.26	9.1	1	NARROW	NORMAL		4.72	0
314	0526	56.864	12231	42	90	-50.00	24	2.26	9.1	1	NARROW	NORMAL		4.73	0
314	0527	01.574	12232	42	87	-50.00	23	2.18	9.1	1	NARROW	NORMAL		4.72	2
314	0527	06.281	12233	42	84	-50.00	23	2.18	9.1	1	NARROW	NORMAL		4.72	0
314	0527	10.988	12234	42	81	-50.00	23	2.18	9.1	1	NARROW	NORMAL		4.72	0
314	0527	14.699	12235	42	83	-50.00	23	2.18	9.1	3	NARROW	NORMAL		2.00	2
314	0527	22.757	12236	42	93	-55.00	23	2.18	9.1	1	NARROW	NORMAL		4.72	0
314	0527	27.462	12237	42	96	-55.00	23	2.18	9.1	1	NARROW	NORMAL		4.73	2
314	0527	32.175	12240	42	99	-55.00	23	2.18	9.1	1	NARROW	NORMAL		4.72	3
314	0527	36.889	12241	42	102	-55.00	23	2.18	9.1	1	NARROW	NORMAL		4.73	2
314	0527	40.421	12242	42	105	-55.00	23	2.18	9.1	1	NARROW	NORMAL		4.73	2
314	0527	45.137	12243	42	108	-55.00	23	2.18	9.1	1	NARROW	NORMAL		2.36	2
314	0650	40.370	12244	42	108	-55.00	23	2.18	9.1	1	NARROW	NORMAL		4.70	0
314	0652	07.176	12245	42	129	-25.00	12	1.59	9.1	1	NARROW	NORMAL		4.70	0
314	0653	02.307	12246	42	129	-25.00	12	1.59	12.4	1	NARROW	NORMAL		4.70	0
314	0653	55.118	12247	42	132	-25.00	12	1.59	12.4	1	NARROW	NORMAL		4.70	0
314	0654	00.992	12250	42	132	-20.00	17	1.81	12.4	1	NARROW	NORMAL		4.70	0
314	0655	27.838	12251	42	132	-20.00	17	1.81	17.0	1	NARROW	NORMAL		4.70	0
314	0656	00.697	12252	42	129	-20.00	17	1.81	17.1	1	NARROW	NORMAL		4.70	0
314	0656	06.567	12253	42	129	-15.00	22	2.12	17.1	1	NARROW	NORMAL		4.70	2
314	0656	39.417	12254	42	132	-15.00	22	2.12	17.1	1	NARROW	NORMAL		4.71	0
314	0657	36.951	12255	42	90	-15.00	36	4.21	17.1	1	NARROW	NORMAL		4.71	2

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DAY	HRMN	SEC	ELNMBR	SUR	AZ	ELEV	F.STP	DIST(MTR)	IRIS	FLTR	FOCUS	SHUTTR	COMMENTS	VOLT	IDQ
314	0658	26.261	12256	42	90	-15.00	36	4.21	5.8	1	NARROW	NORMAL	SOIL TXTURE Z2194E	4.70	0
314	0658	54.443	12257	42	84	-15.00	36	4.21	5.8	1	NARROW	NORMAL	SOIL TXTURE Z2194A	4.71	0
314	0658	59.142	12260	42	78	-15.00	35	3.93	5.8	1	NARROW	NORMAL	SOIL TXTURE Z2195A	4.71	0
314	0659	03.837	12261	42	72	-15.00	35	3.93	5.8	1	NARROW	NORMAL	SOIL TXTURE Z2195E	4.71	0
314	0659	08.532	12262	42	75	-20.00	33	3.44	5.8	1	NARROW	NORMAL	SOIL TXTURE Z2196A	4.71	0
314	0659	13.233	12263	42	78	-20.00	33	3.44	5.8	1	NARROW	NORMAL	FTPD 3 NA Z2196B	0.01	2
314	0659	17.928	12264	42	81	-20.00	33	3.44	5.8	1	NARROW	NORMAL		4.71	0
314	0659	21.453	12265	42	84	-20.00	33	3.44	5.8	1	NARROW	NORMAL		4.71	0
314	0659	26.146	12266	42	87	-20.00	34	3.66	5.8	1	NARROW	NORMAL		4.71	0
314	0659	30.851	12267	42	84	-25.00	31	3.07	5.8	1	NARROW	NORMAL		4.71	0
314	0659	35.553	12270	42	81	-25.00	31	3.07	5.8	1	NARROW	NORMAL		4.71	2
314	0659	40.243	12271	42	78	-25.00	31	3.07	5.8	1	NARROW	NORMAL		4.71	0
314	0659	44.932	12272	42	75	-25.00	31	3.07	5.8	1	NARROW	NORMAL	FTPD 3 NA Z2197A	4.71	0
314	0659	49.628	12273	42	72	-25.00	31	3.07	5.8	1	NARROW	NORMAL	SOIL TXTURE Z2197E	4.71	0
314	0700	41.299	12274	42	78	-25.00	30	2.91	7.8	1	NARROW	NORMAL	FTPD 3 NA Z2198A	4.71	0
314	0701	20.969	12276	42	-207	-20.00	32	3.23	7.8	1	NARROW	NORMAL		0.	3
314	0701	33.524	12277	42	-207	-20.00	32	3.23	7.8	1	NARROW	NORMAL		4.	3
314	0706	34.716	12300	42	81	-20.00	32	3.23	7.8	1	NARROW	NORMAL		4.71	0
314	0707	39.566	12301	42	54	-5.00	22	2.12	5.8	1	NARROW	NORMAL		4.71	0
314	0708	07.775	12302	42	54	-5.00	22	2.12	5.8	1	NARROW	NORMAL		4.72	0
314	0710	07.666	450	30	-216	-15.00	22	2.12	5.8	1	NARROW	NORMAL		4.72	0
314	0743	29.059	12303	42	-216	-15.00	22	2.12	6.7	1	NARROW	NORMAL		4.71	2
314	0744	14.860	12304	42	-216	-15.00	22	2.12	7.8	1	NARROW	NORMAL		4.70	0
314	0745	17.113	12305	42	-219	-15.00	22	2.12	7.8	1	NARROW	NORMAL		4.71	0
314	0745	53.519	12306	42	-219	-15.00	17	1.81	7.8	1	NARROW	NORMAL	CMPTMT A Z2199A	4.71	0
314	0745	57.041	12307	42	-216	-15.00	17	1.81	7.8	1	NARROW	NORMAL		4.71	0
314	0746	02.909	12310	42	-216	-20.00	12	1.59	7.8	1	NARROW	NORMAL		4.71	0
314	0746	07.607	12311	42	-219	-20.00	12	1.59	7.8	1	NARROW	NORMAL		4.71	0
314	0747	08.688	12312	42	-219	-20.00	12	1.59	7.8	1	NARROW	NORMAL		4.71	2
314	0748	16.812	12313	42	-219	-25.00	12	1.59	7.8	1	NARROW	NORMAL		4.71	2
314	0749	22.607	12314	42	-207	-45.00	30	2.91	7.8	1	NARROW	NORMAL		4.71	0
314	0753	28.271	12315	42	-195	-40.00	37	4.49	4.9	1	WIDE	NORMAL		4.71	0
314	0754	30.554	12316	42	-201	-40.00	37	4.49	4.9	1	WIDE	NORMAL		4.71	0
314	0754	34.031	12317	42	-207	-40.00	37	4.49	4.9	1	WIDE	NORMAL		4.71	0
314	0754	38.786	12320	42	-213	-40.00	37	4.49	4.9	1	WIDE	NORMAL		4.71	0
314	0756	06.969	12321	42	-213	-35.00	35	3.93	4.9	1	NARROW	NORMAL		4.72	2
314	0756	17.552	12322	42	-213	-35.00	18	1.86	4.9	1	NARROW	NORMAL		4.71	2
314	0756	21.032	12323	42	-213	-30.00	19	1.92	4.9	1	NARROW	NORMAL		4.71	0
314	0756	25.784	12324	42	-210	-30.00	19	1.92	4.9	1	NARROW	NORMAL		4.71	2
314	0756	30.488	12325	42	-207	-30.00	19	1.92	4.9	1	NARROW	NORMAL		4.71	0
314	0756	35.192	12326	42	-204	-30.00	22	2.12	4.9	1	NARROW	NORMAL		4.71	0
314	0757	48.073	12327	42	-204	-30.00	13	1.62	4.9	1	NARROW	NORMAL		4.72	0
314	0758	39.815	12330	42	-204	-30.00	11	1.56	4.9	1	NARROW	NORMAL		4.72	0
314	0759	12.746	12331	42	-204	-30.00	9	1.48	4.9	1	NARROW	NORMAL		4.72	0
314	0759	55.101	12332	42	-201	-30.00	11	1.56	4.9	1	NARROW	NORMAL		4.72	0
314	0800	58.643	12333	42	-201	-30.00	13	1.62	4.9	1	NARROW	NORMAL		4.72	0
314	0801	55.122	12334	42	-201	-30.00	22	2.12	4.9	1	NARROW	NORMAL		4.72	0
314	0803	15.129	12335	42	-198	-30.00	22	2.12	4.9	1	NARROW	NORMAL		4.72	0
314	0803	19.831	12336	42	-198	-35.00	22	2.12	4.9	1	NARROW	NORMAL		4.72	2
314	0804	38.679	12337	42	-201	-35.00	22	2.12	4.9	1	NARROW	NORMAL		4.72	0

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DAY	HRMN	SEC	FLNMNR	SUR	AZ	ELEV	F.STP	DIST(MTR)	IRIS	FLTR	FOCUS	SHUTTR	COMMENTS	VOLT	IDD
314	0805	58.723	12340	42	-204	-35.00	22	2.12	4.9	1	NARROW	NORMAL		4.72	2
314	0806	05.784	12341	42	-207	-35.00	19	1.92	4.9	1	NARROW	NORMAL		4.72	0
314	0806	14.023	12342	42	-210	-35.00	19	1.92	4.9	1	NARROW	NORMAL		4.72	0
314	0806	21.080	12343	42	-210	-40.00	21	2.04	4.9	1	NARROW	NORMAL		4.72	0
314	0806	24.608	12344	42	-207	-40.00	21	2.04	4.9	1	NARROW	NORMAL		4.72	0
314	0806	29.316	12345	42	-204	-40.00	21	2.04	4.9	1	NARROW	NORMAL		4.72	0
314	0806	34.023	12346	42	-201	-40.00	21	2.04	4.9	1	NARROW	NORMAL		4.72	0
314	0806	38.732	12347	42	-198	-40.00	21	2.04	4.9	1	NARROW	NORMAL		4.73	0
314	0806	43.441	12350	42	-195	-40.00	21	2.04	4.9	1	NARROW	NORMAL		4.72	0
314	0807	36.405	12351	42	-195	-40.00	21	2.04	4.9	1	NARROW	NORMAL		4.72	0
314	0809	51.797	12352	42	-207	-45.00	31	3.07	4.9	1	NARROW	NORMAL		4.72	0
314	0811	37.739	12353	42	-210	-45.00	31	3.07	4.9	1	NARROW	NORMAL		4.72	2
314	0811	41.279	12354	42	-213	-45.00	31	3.07	4.9	1	NARROW	NORMAL		4.72	0
314	0811	45.984	12355	42	-213	-50.00	29	2.77	4.9	1	NARROW	NORMAL		4.72	0
314	0811	50.695	12356	42	-210	-50.00	29	2.77	4.9	1	NARROW	NORMAL		4.72	0
314	0811	55.401	12357	42	-207	-50.00	30	2.91	4.9	1	NARROW	NORMAL		4.72	0
314	0812	00.113	12360	42	-204	-50.00	30	2.91	4.9	1	NARROW	NORMAL		4.72	0
314	0812	03.646	12361	42	-201	-50.00	30	2.91	4.9	1	NARROW	NORMAL		4.72	0
314	0812	08.357	12362	42	-198	-50.00	30	2.91	4.9	1	NARROW	NORMAL		4.72	0
314	0812	13.064	12363	42	-198	-55.00	29	2.77	4.9	1	NARROW	NORMAL		4.72	0
314	0812	17.775	12364	42	-201	-55.00	28	2.65	4.9	1	NARROW	NORMAL		4.72	0
314	0812	22.484	12365	42	-204	-55.00	28	2.65	4.9	1	NARROW	NORMAL		4.72	0
314	0812	27.200	12366	42	-207	-55.00	28	2.65	4.9	1	NARROW	NORMAL		4.72	0
314	0812	30.729	12367	42	-210	-55.00	28	2.65	4.9	1	NARROW	NORMAL		4.73	2
314	0812	35.438	12370	42	-213	-55.00	27	2.54	4.9	1	NARROW	NORMAL		4.72	0
314	0813	27.247	12371	42	-213	-50.00	26	2.43	4.9	1	NARROW	NORMAL		4.85	2
314	0817	11.004	12372	42	-207	-45.00	31	3.07	6.7	1	NARROW	NORMAL		4.72	0
314	0818	19.319	12373	42	-210	-45.00	31	3.07	6.7	1	NARROW	NORMAL		4.73	0
314	0818	24.028	12374	42	-213	-45.00	31	3.07	6.7	1	NARROW	NORMAL		4.73	0
314	0818	28.747	12375	42	-213	-50.00	29	2.77	6.7	1	NARROW	NORMAL		4.73	0
314	0818	33.457	12376	42	-210	-50.00	29	2.77	6.7	1	NARROW	NORMAL		4.73	2
314	0818	38.165	12377	42	-207	-50.00	30	2.91	6.7	1	NARROW	NORMAL		4.73	2
314	0818	41.695	12400	42	-204	-50.00	30	2.91	6.7	1	NARROW	NORMAL		4.72	0
314	0818	46.409	12401	42	-201	-50.00	30	2.91	6.7	1	NARROW	NORMAL		4.73	0
314	0818	51.114	12402	42	-198	-50.00	30	2.91	6.7	1	NARROW	NORMAL		4.73	0
314	0818	55.827	12403	42	-198	-55.00	29	2.77	6.7	1	NARROW	NORMAL		4.73	0
314	0819	00.544	12404	42	-201	-55.00	28	2.65	6.7	1	NARROW	NORMAL		4.73	0
314	0819	05.264	12405	42	-204	-55.00	28	2.65	6.7	1	NARROW	NORMAL		4.73	0
314	0819	08.799	12406	42	-207	-55.00	28	2.65	6.7	1	NARROW	NORMAL		4.73	0
314	0819	13.510	12407	42	-210	-55.00	28	2.65	6.7	1	NARROW	NORMAL		4.73	0
314	0819	18.216	12410	42	-213	-55.00	27	2.54	6.7	1	NARROW	NORMAL		4.73	2
314	0820	19.441	12411	42	-171	-50.00	3	1.31	6.7	1	NARROW	NORMAL		4.73	0
314	0822	19.642	12412	42	-165	-50.00	3	1.31	6.7	1	NARROW	NORMAL		4.73	0
314	0822	26.709	12413	42	-171	-45.00	7	1.43	6.7	1	NARROW	NORMAL		4.73	0
314	0823	39.771	12414	42	-165	-45.00	7	1.43	6.7	1	NARROW	NORMAL		4.73	2
314	0823	43.306	12415	42	-159	-45.00	8	1.47	6.7	1	NARROW	NORMAL		4.73	2
314	0823	48.021	12416	42	-153	-45.00	9	1.48	6.7	1	NARROW	NORMAL		4.73	0
314	0823	52.740	12417	42	-147	-45.00	10	1.53	6.7	1	NARROW	NORMAL		4.73	0
314	0823	57.449	12420	42	-150	-40.00	13	1.62	6.8	1	NARROW	NORMAL		4.73	0
314	0824	02.168	12421	42	-155	-40.00	12	1.59	6.7	1	NARROW	NORMAL		4.73	0

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DAY	HRMN	SEC	FLNMBR	SUR	AZ	ELEV	F.STP	DIST(MTR)	IRIS	FLTR	FOCUS	SHUTTR	COMMENTS	VOLT	IDD
314	0824	06.877	12422	42	-162	-40.00	12	1.59	6.7	1	NARROW	NORMAL		4.73	0
314	0824	11.584	12423	42	-168	-40.00	12	1.59	6.7	1	NARROW	NORMAL		4.73	0
314	0824	16.300	12424	42	-174	-40.00	12	1.59	6.7	1	NARROW	NORMAL		4.73	0
314	0824	22.192	12425	42	-177	-35.00	17	1.81	6.7	1	NARROW	NORMAL		4.73	0
314	0824	25.731	12426	42	-171	-35.00	17	1.81	6.7	1	NARROW	NORMAL		4.73	0
314	0824	30.443	12427	42	-165	-35.00	18	1.86	6.7	1	NARROW	NORMAL		4.73	0
314	0827	16.549	12430	42	-51	-55.00	25	2.35	6.7	1	NARROW	NORMAL		4.73	0
314	0831	14.545	12431	42	-51	-55.00	25	2.35	6.7	1	NARROW	NORMAL		4.73	0
314	0832	57.118	12432	42	-51	-55.00	25	2.35	6.7	1	NARROW	NORMAL		4.73	0
314	0833	37.214	12433	42	-51	-60.00	25	2.35	6.7	1	NARROW	NORMAL		4.73	0
314	0835	04.469	12434	42	-51	-55.00	25	2.35	7.8	1	NARROW	NORMAL		4.74	2
314	0835	41.011	12435	42	-51	-55.00	25	2.35	9.1	1	NARROW	NORMAL		4.74	2
314	0840	07.497	12436	42	-57	-65.00	21	2.04	6.7	1	NARROW	NORMAL		4.74	0
314	0840	41.703	12437	42	-57	-65.00	21	2.04	6.7	1	NARROW	NORMAL		4.74	0
314	0841	55.984	12440	42	-57	-60.00	21	2.04	6.7	1	NARROW	NORMAL		4.74	2
314	0843	16.197	12441	42	-57	-60.00	21	2.04	6.7	1	NARROW	NORMAL		4.73	0
314	0849	11.318	12442	42	-69	-65.00	26	2.43	3.8	1	NARROW	NORMAL		4.73	0
314	0850	48.084	12443	42	-63	-65.00	26	2.43	3.8	1	NARROW	NORMAL		4.73	0
314	0850	52.806	12444	42	-57	-65.00	25	2.35	3.8	1	NARROW	NORMAL		4.74	2
314	0850	57.526	12445	42	-51	-65.00	25	2.35	3.8	1	NARROW	NORMAL		4.74	2
314	0851	02.250	12446	42	-45	-65.00	25	2.35	3.8	1	NARROW	NORMAL		4.73	2
314	0851	05.788	12447	42	-39	-65.00	24	2.26	3.8	1	NARROW	NORMAL		4.73	0
314	0851	10.511	12450	42	-33	-65.00	24	2.26	3.8	1	NARROW	NORMAL		4.74	2
314	0851	15.234	12451	42	-30	-60.00	25	2.35	3.8	1	NARROW	NORMAL		4.73	0
314	0851	19.953	12452	42	-36	-60.00	25	2.35	3.8	1	NARROW	NORMAL		4.73	0
314	0851	24.671	12453	42	-42	-60.00	26	2.43	3.8	1	NARROW	NORMAL		4.74	0
314	0851	29.387	12454	42	-48	-60.00	26	2.43	3.8	1	NARROW	NORMAL		4.74	0
314	0851	32.924	12455	42	-54	-60.00	27	2.54	3.8	1	NARROW	NORMAL		4.74	2
314	0851	37.645	12456	42	-60	-60.00	27	2.54	3.8	1	NARROW	NORMAL		4.74	0
314	0851	42.358	12457	42	-66	-60.00	28	2.65	3.8	1	NARROW	NORMAL		4.74	0
314	0851	47.074	12460	42	-69	-55.00	29	2.77	3.8	1	NARROW	NORMAL		4.74	2
314	0851	51.791	12461	42	-63	-55.00	29	2.77	3.8	1	NARROW	NORMAL		4.74	2
314	0851	55.332	12462	42	-57	-55.00	29	2.77	3.8	1	NARROW	NORMAL		4.74	0
314	0852	00.047	12463	42	-51	-55.00	28	2.65	3.8	1	NARROW	NORMAL		4.74	2
314	0852	04.770	12464	42	-45	-55.00	28	2.65	3.8	1	NARROW	NORMAL		4.74	2
314	0852	09.488	12465	42	-39	-55.00	27	2.54	3.8	1	NARROW	NORMAL		4.73	0
314	0852	14.208	12466	42	-33	-55.00	27	2.54	3.8	1	NARROW	NORMAL		4.73	0
314	0852	17.747	12467	42	-30	-50.00	28	2.65	3.8	1	NARROW	NORMAL		4.73	0
314	0852	22.468	12470	42	-36	-50.00	28	2.65	3.8	1	NARROW	NORMAL		4.73	0
314	0852	27.192	12471	42	-42	-50.00	29	2.77	3.8	1	NARROW	NORMAL		4.74	2
314	0852	31.913	12472	42	-48	-50.00	29	2.77	3.8	1	NARROW	NORMAL		4.74	2
314	0852	36.636	12473	42	-54	-50.00	30	2.91	3.8	1	NARROW	NORMAL		4.74	2
314	0852	41.359	12474	42	-60	-50.00	31	3.07	3.8	1	NARROW	NORMAL		4.73	0
314	0852	44.905	12475	42	-66	-50.00	31	3.07	3.8	1	NARROW	NORMAL		4.73	0
314	0852	49.624	12476	42	-69	-45.00	33	3.44	3.8	1	NARROW	NORMAL		4.73	0
314	0852	54.337	12477	42	-63	-45.00	33	3.44	3.8	1	NARROW	NORMAL		4.73	0
314	0852	59.061	12500	42	-57	-45.00	32	3.23	3.8	1	NARROW	NORMAL		4.74	0
314	0853	03.780	12501	42	-51	-45.00	32	3.23	3.8	1	NARROW	NORMAL		4.74	0
314	0853	07.321	12502	42	-45	-45.00	31	3.07	3.8	1	NARROW	NORMAL		4.74	0
314	0853	12.042	12503	42	-39	-45.00	30	2.91	3.8	1	NARROW	NORMAL		4.74	2

DAY	HRMN	SEC	FLNMBR	SUR	AZ	ELEV	F.STP	DIST(MTR)	IRIS	FLTR	FOCUS	SHUTTR	COMMENTS	VOLT	IDD
314	0853	16.764	12504	42	-33	-45.00	30	2.91	3.8	1	NARROW	NORMAL		4.74	0
314	0853	33.299	12505	42	-30	-40.00	31	3.07	3.8	1	NARROW	NORMAL		4.74	2
314	0853	36.838	12506	42	-36	-40.00	32	3.23	3.8	1	NARROW	NORMAL		4.74	2
314	0853	41.551	12507	42	-42	-40.00	33	3.44	3.8	1	NARROW	NORMAL		4.74	0
314	0853	46.274	12510	42	-48	-40.00	33	3.44	3.8	1	NARROW	NORMAL		4.74	0
314	0853	50.999	12511	42	-54	-40.00	34	3.66	3.8	1	NARROW	NORMAL		4.74	2
314	0853	55.716	12512	42	-60	-40.00	35	3.93	3.8	1	NARROW	NORMAL		4.74	2
314	0853	59.258	12513	42	-66	-40.00	35	3.93	3.8	1	NARROW	NORMAL		4.73	2
314	0854	05.160	12514	42	-69	-35.00	38	4.97	3.8	1	NARROW	NORMAL		4.74	2
314	0854	09.881	12515	42	-63	-35.00	37	4.49	3.8	1	NARROW	NORMAL		4.73	2
314	0854	13.424	12515	42	-57	-35.00	37	4.49	3.8	1	NARROW	NORMAL		4.73	0
314	0854	18.137	12517	42	-51	-35.00	36	4.21	3.8	1	NARROW	NORMAL		4.74	0
314	0854	22.858	12520	42	-45	-35.00	35	3.93	3.8	1	NARROW	NORMAL		4.74	0
314	0854	27.583	12521	42	-39	-35.00	34	3.66	3.8	1	NARROW	NORMAL		4.74	0
314	0854	32.301	12522	42	-33	-35.00	34	3.66	3.8	1	NARROW	NORMAL		4.74	0
314	0854	35.839	12523	42	-30	-30.00	36	4.21	3.8	1	NARROW	NORMAL		4.73	0
314	0854	40.564	12524	42	-36	-30.00	36	4.21	3.8	1	NARROW	NORMAL		4.74	2
314	0854	45.287	12525	42	-42	-30.00	37	4.49	3.8	1	NARROW	NORMAL		4.74	2
314	0854	50.009	12526	42	-48	-30.00	38	4.97	3.8	1	NARROW	NORMAL		4.74	0
314	0854	54.732	12527	42	-54	-30.00	39	5.44	3.8	1	NARROW	NORMAL		4.74	0
314	0854	58.271	12530	42	-60	-30.00	39	5.44	3.8	1	NARROW	NORMAL		4.74	0
314	0855	02.997	12531	42	-66	-30.00	40	6.05	3.8	1	NARROW	NORMAL		4.74	0
314	0855	08.901	12532	42	-59	-25.00	42	7.76	3.8	1	NARROW	NORMAL		4.74	2
314	0855	12.443	12533	42	-63	-25.00	42	7.76	3.8	1	NARROW	NORMAL		4.74	2
314	0855	17.160	12534	42	-57	-25.00	39	2.91	3.8	1	NARROW	NORMAL		4.74	2
314	0855	21.881	12535	42	-51	-25.00	28	2.65	3.8	1	NARROW	NORMAL		4.74	2
314	0855	26.601	12536	42	-45	-25.00	40	6.05	3.8	1	NARROW	NORMAL		4.74	0
314	0855	31.319	12537	42	-39	-25.00	39	5.44	3.8	1	NARROW	NORMAL		4.74	2
314	0855	34.860	12540	42	-33	-25.00	38	4.97	3.8	1	NARROW	NORMAL		4.74	0
314	0855	39.583	12541	42	-30	-20.00	40	6.05	3.8	1	NARROW	NORMAL		4.73	0
314	0855	44.300	12542	42	-36	-20.00	40	6.05	3.8	1	NARROW	NORMAL		4.74	2
314	0855	49.029	12543	42	-42	-20.00	41	6.81	3.8	1	NARROW	NORMAL		4.74	2
314	0855	53.744	12544	42	-48	-20.00	42	7.76	3.8	1	NARROW	NORMAL		4.74	2
314	0855	57.287	12545	42	-54	-20.00	43	8.97	3.8	1	NARROW	NORMAL		4.74	0
314	0856	02.010	12546	42	-60	-20.00	43	8.97	3.8	1	NARROW	NORMAL		4.74	0
314	0856	06.733	12547	42	-66	-20.00	44	10.68	3.8	1	NARROW	NORMAL		4.74	0
314	0857	09.290	12550	42	-69	-15.00	49	205.24	3.8	1	NARROW	NORMAL		4.74	0
314	0857	14.005	12551	42	-63	-15.00	47	27.73	3.8	1	NARROW	NORMAL		4.74	2
314	0857	18.728	12552	42	-57	-15.00	46	17.93	3.8	1	NARROW	NORMAL		4.74	0
314	0857	22.268	12553	42	-51	-15.00	45	13.08	3.8	1	NARROW	NORMAL		4.74	2
314	0857	26.991	12554	42	-45	-15.00	44	10.68	3.8	1	NARROW	NORMAL		4.74	0
314	0857	31.715	12555	42	-39	-15.00	44	10.68	3.8	1	NARROW	NORMAL		4.74	2
314	0857	36.435	12556	42	-33	-15.00	43	8.97	3.8	1	NARROW	NORMAL		4.74	0
314	0857	41.158	12557	42	-30	-10.00	44	10.68	3.8	1	NARROW	NORMAL		4.74	0
314	0857	45.888	12560	42	-36	-10.00	45	13.08	3.8	1	NARROW	NORMAL		4.74	0
314	0857	49.430	12561	42	-42	-10.00	46	17.93	3.8	1	NARROW	NORMAL		4.74	0
314	0857	54.148	12562	42	-48	-10.00	48	61.92	3.8	1	NARROW	NORMAL		4.74	2
314	0857	58.871	12563	42	-54	-10.00	49	205.24	3.8	1	NARROW	NORMAL		4.74	2
314	0858	03.588	12564	42	-60	-10.00	49	205.24	3.8	1	NARROW	NORMAL		4.74	0
314	0858	08.306	12565	42	-66	-10.00	49	205.24	3.8	1	NARROW	NORMAL		4.74	0

DAY	HRMN	SEC	FLNMER	SUR	AZ	ELEV	F.STP	DIST(MTR)	IRIS	FLTR	FOCUS	SFUTTR	COMMENTS	VOLT	IDC
314	0858	11.849	12566	42	-69	-5.00	49	205.24	3.8	1	NARROW	NORMAL		4.74	0
314	0858	16.568	12567	42	-63	-5.00	49	205.24	3.8	1	NARROW	NORMAL		4.74	0
314	0858	21.283	12570	42	-57	-5.00	49	205.24	3.8	1	NARROW	NORMAL		4.74	2
314	0858	26.005	12571	42	-51	-5.00	49	205.24	3.8	1	NARROW	NORMAL		4.74	2
314	0858	30.716	12572	42	-45	-5.00	49	205.24	3.8	1	NARROW	NORMAL		4.74	0
314	0858	34.259	12573	42	-39	-5.00	49	205.24	3.8	1	NARROW	NORMAL		4.74	0
314	0858	38.983	12574	42	-33	-5.00	49	205.24	3.8	1	NARROW	NORMAL		4.74	0
314	0858	43.708	12575	42	-30	0.	49	205.24	3.8	1	NARROW	NORMAL		4.74	0
314	0858	48.424	12576	42	-36	0.	49	205.24	3.8	1	NARROW	NORMAL		4.74	0
314	0858	53.151	12577	42	-42	0.	49	205.24	3.8	1	NARROW	NORMAL		4.74	0
314	0858	57.869	12600	42	-48	0.	49	205.24	3.8	1	NARROW	NORMAL		4.74	0
314	0859	01.408	12601	42	-54	0.	49	205.24	3.8	1	NARROW	NORMAL		4.74	0
314	0859	06.131	12602	42	-50	0.	49	205.24	3.8	1	NARROW	NORMAL		4.74	0
314	0859	10.844	12603	42	-66	0.	49	205.24	3.8	1	NARROW	NORMAL		4.74	0
314	0859	15.561	12604	42	-69	5.00	49	205.24	3.8	1	NARROW	NORMAL		4.74	0
314	0859	20.284	12605	42	-63	5.00	49	205.24	3.8	1	NARROW	NORMAL		4.74	2
314	0859	23.825	12606	42	-57	5.00	49	205.24	3.8	1	NARROW	NORMAL		4.74	0
314	0859	28.542	12607	42	-51	5.00	49	205.24	3.8	1	NARROW	NORMAL		4.74	0
314	0859	33.268	12610	42	-45	5.00	49	205.24	3.8	1	NARROW	NORMAL		4.74	0
314	0859	37.981	12611	42	-39	5.00	49	205.24	3.8	1	NARROW	NORMAL		4.74	0
314	0859	42.703	12612	42	-33	5.00	49	205.24	3.8	1	NARROW	NORMAL		4.74	0
314	0900	13.362	12613	42	-27	-65.00	24	2.26	3.8	1	NARROW	NORMAL		4.74	0
314	0901	21.812	12614	42	-27	-65.00	24	2.26	3.8	1	NARROW	NORMAL		4.74	0
314	0901	25.356	12615	42	-21	-65.00	23	2.18	3.8	1	NARROW	NORMAL		4.74	0
314	0901	30.081	12616	42	-15	-65.00	23	2.18	3.8	1	NARROW	NORMAL		4.74	0
314	0901	34.802	12617	42	-9	-65.00	23	2.18	3.8	1	NARROW	NORMAL		4.74	0
314	0901	39.527	12620	42	-3	-65.00	22	2.12	3.8	1	NARROW	NORMAL		4.74	0
314	0901	44.242	12621	42	0	-60.00	23	2.18	3.8	1	NARROW	NORMAL		4.74	2
314	0901	47.781	12622	42	-6	-60.00	23	2.18	3.8	1	NARROW	NORMAL		4.74	0
314	0901	52.502	12623	42	-12	-60.00	24	2.26	3.8	1	NARROW	NORMAL		4.74	0
314	0901	57.226	12624	42	-18	-60.00	24	2.26	3.8	1	NARROW	NORMAL		4.74	0
314	0902	01.948	12625	42	-24	-60.00	24	2.26	3.8	1	NARROW	NORMAL		4.74	0
314	0902	06.666	12626	42	-27	-55.00	26	2.43	3.8	1	NARROW	NORMAL		4.74	0
314	0902	11.384	12627	42	-21	-55.00	25	2.35	3.8	1	NARROW	NORMAL		4.74	0
314	0902	14.928	12630	42	-15	-55.00	25	2.35	3.8	1	NARROW	NORMAL		4.74	0
314	0902	19.651	12631	42	-9	-55.00	24	2.26	3.8	1	NARROW	NORMAL		4.74	0
314	0902	24.375	12632	42	-3	-55.00	24	2.26	3.8	1	NARROW	NORMAL		4.74	0
314	0902	29.100	12633	42	0	-50.00	25	2.35	3.8	1	NARROW	NORMAL		4.74	0
314	0902	33.820	12634	42	-6	-50.00	26	2.43	3.8	1	NARROW	NORMAL		4.74	0
314	0902	37.362	12635	42	-12	-50.00	26	2.43	3.8	1	NARROW	NORMAL		4.73	2
314	0902	42.085	12636	42	-18	-50.00	27	2.54	3.8	1	NARROW	NORMAL		4.74	0
314	0902	46.806	12637	42	-24	-50.00	27	2.54	3.8	1	NARROW	NORMAL		4.74	0
314	0902	51.524	12640	42	-27	-45.00	29	2.77	3.8	1	NARROW	NORMAL		4.74	0
314	0902	56.244	12641	42	-21	-45.00	29	2.77	3.8	1	NARROW	NORMAL		4.74	0
314	0902	59.791	12642	42	-15	-45.00	28	2.65	3.8	1	NARROW	NORMAL		4.74	2
314	0903	04.514	12643	42	-9	-45.00	27	2.54	3.8	1	NARROW	NORMAL		4.74	2
314	0903	09.232	12644	42	-3	-45.00	27	2.54	3.8	1	NARROW	NORMAL		4.74	0
314	0903	13.945	12645	42	0	-40.00	28	2.65	3.8	1	NARROW	NORMAL		4.74	0
314	0903	18.667	12646	42	-6	-40.00	29	2.77	3.8	1	NARROW	NORMAL		4.74	2
314	0903	23.388	12647	42	-12	-40.00	29	2.77	3.8	1	NARROW	NORMAL		4.74	2

3/10,36,46,50, 32(73), 56/ 1/2 1/15 3/35 1/39 3/26 2/20 2/54 2/61,62,63/

DAY	HRMN	SEC	FLNMBR	SUR	AZ	ELEV	F.STP	DIST(MTR)	IRIS	FLTR	FOCUS	SHUTTR	COMMENTS	VOLT	IDC
321	0731	46.667	33174	23	-93	-65.00	25	2.35	10.5	3	NARROW	NORMAL		4.79	0
321	0731	51.463	33175	23	-87	-65.00	25	2.35	10.5	3	NARROW	NORMAL		4.79	2
321	0731	56.256	33176	23	-81	-65.00	25	2.35	10.4	3	NARROW	NORMAL		4.79	0
321	0732	01.050	33177	23	-75	-65.00	24	2.26	10.4	3	NARROW	NORMAL		4.79	0
321	0732	05.843	33200	23	-75	-60.00	26	2.43	10.5	3	NARROW	NORMAL		4.79	2
321	0732	09.443	33201	23	-78	-60.00	26	2.43	10.5	3	NARROW	NORMAL		4.79	0
321	0732	14.236	33202	23	-84	-60.00	27	2.54	10.5	3	NARROW	NORMAL		4.79	0
321	0732	19.029	33203	23	-90	-60.00	27	2.54	10.4	3	NARROW	NORMAL		4.79	0
321	0732	23.821	33204	23	-96	-60.00	27	2.54	10.4	3	NARROW	NORMAL		4.79	0
321	0732	27.417	33205	23	-102	-60.00	27	2.54	10.4	3	NARROW	NORMAL		4.79	0
321	0732	32.212	33206	23	-105	-55.00	29	2.77	10.4	3	NARROW	NORMAL		4.79	0
321	0732	37.011	33207	23	-99	-55.00	29	2.77	10.4	3	NARROW	NORMAL		4.79	0
321	0732	41.807	33210	23	-93	-55.00	29	2.77	10.4	3	NARROW	NORMAL		4.79	0
321	0732	45.402	33211	23	-87	-55.00	29	2.77	10.4	3	NARROW	NORMAL		4.79	0
321	0732	50.197	33212	23	-81	-55.00	28	2.65	10.5	3	NARROW	NORMAL		4.79	0
321	0732	54.955	33213	23	-75	-55.00	28	2.65	10.5	3	NARROW	NORMAL		4.79	0
321	0732	59.787	33214	23	-72	-50.00	30	2.91	10.5	3	NARROW	NORMAL		4.79	2
321	0733	03.381	33215	23	-78	-50.00	30	2.91	10.4	3	NARROW	NORMAL		4.79	0
321	0733	08.184	33216	23	-84	-50.00	30	2.91	10.5	3	NARROW	NORMAL		4.79	0
321	0733	12.981	33217	23	-90	-50.00	31	3.07	10.4	3	NARROW	NORMAL		4.79	0
321	0733	17.771	33220	23	-96	-50.00	31	3.07	10.5	3	NARROW	NORMAL		4.79	0
321	0733	21.369	33221	23	-102	-50.00	31	3.07	10.5	3	NARROW	NORMAL		4.79	0
321	0733	26.567	33222	23	-105	-45.00	34	3.66	10.4	3	NARROW	NORMAL		4.79	0
321	0733	33.367	33223	23	-99	-45.00	33	3.44	10.5	3	NARROW	NORMAL		4.79	0
321	0733	38.160	33224	23	-93	-45.00	33	3.44	10.5	3	NARROW	NORMAL		4.79	0
321	0733	41.757	33225	23	-87	-45.00	33	3.44	10.5	3	NARROW	NORMAL		4.79	0
321	0733	46.556	33226	23	-81	-45.00	32	3.23	10.5	3	NARROW	NORMAL		4.79	0
321	0733	51.349	33227	23	-75	-45.00	32	3.23	10.5	3	NARROW	NORMAL		4.79	0
321	0733	56.149	33230	23	-72	-40.00	34	3.66	10.5	3	NARROW	NORMAL		4.79	0
321	0733	59.742	33231	23	-78	-40.00	34	3.66	10.5	3	NARROW	NORMAL		4.79	0
321	0734	04.533	33232	23	-84	-40.00	35	3.93	10.5	3	NARROW	NORMAL		4.79	2
321	0734	09.327	33233	23	-90	-40.00	35	3.93	10.5	3	NARROW	NORMAL		4.79	0
321	0734	14.120	33234	23	-96	-40.00	36	4.21	10.4	3	NARROW	NORMAL		4.79	0
321	0734	17.716	33235	23	-102	-40.00	36	4.21	10.4	3	NARROW	NORMAL		4.79	0
321	0735	47.671	33236	23	-141	-65.00	28	2.65	10.4	4	NARROW	NORMAL		4.79	0
321	0736	12.859	33237	23	-135	-65.00	28	2.65	10.5	4	NARROW	NORMAL		4.79	0
321	0736	17.655	33240	23	-129	-65.00	28	2.65	10.5	4	NARROW	NORMAL		4.79	0
321	0736	21.254	33241	23	-123	-65.00	28	2.65	10.5	4	NARROW	NORMAL		4.79	2
321	0736	26.055	33242	23	-117	-65.00	28	2.65	10.4	4	NARROW	NORMAL		4.79	0
321	0736	30.851	33243	23	-111	-65.00	28	2.65	10.4	4	NARROW	NORMAL		4.79	0
321	0736	35.649	33244	23	-108	-60.00	29	2.77	10.4	4	NARROW	NORMAL		4.79	0
321	0736	39.248	33245	23	-114	-60.00	29	2.77	10.5	4	NARROW	NORMAL		4.79	0
321	0736	44.044	33246	23	-120	-60.00	29	2.77	10.5	4	NARROW	NORMAL		4.79	0
321	0736	48.844	33247	23	-126	-60.00	29	2.77	10.4	4	NARROW	NORMAL		4.79	0
321	0736	53.638	33250	23	-132	-60.00	29	2.77	10.4	4	NARROW	NORMAL		4.79	0
321	0736	57.231	33251	23	-138	-60.00	29	2.77	10.5	4	NARROW	NORMAL		4.79	0
321	0737	02.025	33252	23	-141	-55.00	31	3.07	10.5	4	NARROW	NORMAL		4.79	0
321	0737	06.826	33253	23	-135	-55.00	31	3.07	10.5	4	NARROW	NORMAL		4.79	0
321	0737	11.622	33254	23	-129	-55.00	31	3.07	10.5	4	NARROW	NORMAL		4.79	0
321	0737	15.221	33255	23	-123	-55.00	31	3.07	10.4	4	NARROW	NORMAL		4.79	0

3/10,36,46,50, 32(73), 56/ 1/2 1/15 3/35 1/39 3/26 2/20 2/54 2/61,62,63/

DAY	HRMN	SEC	FLNMBR	SUR	AZ	ELEV	F.STP	DIST(MTR)	IRIS	FLTR	FOCUS	SHUTTR	COMMENTS	VOLT	IDO
321	0737	20.009	33256	23	-117	-55.00	31	3.07	10.4	4	NARROW	NORMAL		4.79	0
321	0737	24.802	33257	23	-111	-55.00	31	3.07	10.4	4	NARROW	NORMAL		4.79	0
321	0737	29.601	33260	23	-108	-50.00	33	3.44	10.5	4	NARROW	NORMAL		4.79	0
321	0737	33.198	33261	23	-114	-50.00	34	3.66	10.4	4	NARROW	NORMAL		4.79	0
321	0737	37.993	33262	23	-120	-50.00	34	3.66	10.4	4	NARROW	NORMAL		4.79	0
321	0737	42.789	33263	23	-126	-50.00	34	3.66	10.5	4	NARROW	NORMAL		4.79	0
321	0737	47.588	33264	23	-132	-50.00	34	3.66	10.5	4	NARROW	NORMAL		4.79	2
321	0737	51.184	33265	23	-138	-50.00	34	3.66	10.5	4	NARROW	NORMAL		4.79	0
321	0737	58.372	33266	23	-141	-45.00	36	4.21	10.5	4	NARROW	NORMAL		4.79	2
321	0738	03.169	33267	23	-135	-45.00	36	4.21	10.5	4	NARROW	NORMAL		4.79	0
321	0738	06.767	33270	23	-129	-45.00	36	4.21	10.5	4	NARROW	NORMAL		4.79	0
321	0738	11.564	33271	23	-123	-45.00	36	4.21	10.4	4	NARROW	NORMAL		4.79	0
321	0738	16.355	33272	23	-117	-45.00	36	4.21	10.4	4	NARROW	NORMAL		4.79	0
321	0738	21.148	33273	23	-111	-45.00	36	4.21	10.5	4	NARROW	NORMAL		4.79	0
321	0739	21.118	33274	23	-105	-65.00	26	2.43	10.4	4	NARROW	NORMAL		4.79	0
321	0907	04.431	33275	23	-105	-65.00	26	2.43	10.5	4	NARROW	NORMAL		4.77	0
321	0907	31.997	33276	23	-99	-65.00	25	2.35	10.5	4	NARROW	NORMAL		4.77	0
321	0907	36.791	33277	23	-93	-65.00	25	2.35	10.5	4	NARROW	NORMAL		4.77	0
321	0907	40.383	33300	23	-87	-65.00	25	2.35	10.5	4	NARROW	NORMAL		4.76	0
321	0907	45.180	33301	23	-81	-65.00	25	2.35	10.5	4	NARROW	NORMAL		4.77	0
321	0907	49.973	33302	23	-75	-65.00	24	2.26	10.5	4	NARROW	NORMAL		4.77	0
321	0907	54.767	33303	23	-72	-60.00	26	2.43	10.5	4	NARROW	NORMAL		4.77	0
321	0907	58.366	33304	23	-78	-60.00	26	2.43	10.4	4	NARROW	NORMAL		4.77	0
321	0908	03.156	33305	23	-84	-60.00	27	2.54	10.4	4	NARROW	NORMAL		4.77	0
321	0908	07.944	33306	23	-90	-60.00	27	2.54	10.5	4	NARROW	NORMAL		4.77	0
321	0908	12.740	33307	23	-96	-60.00	27	2.54	10.5	4	NARROW	NORMAL		4.77	0
321	0908	16.333	33310	23	-102	-60.00	27	2.54	10.5	4	NARROW	NORMAL		4.77	0
321	0908	21.137	33311	23	-105	-55.00	29	2.77	10.5	4	NARROW	NORMAL		4.77	0
321	0908	25.931	33312	23	-99	-55.00	29	2.77	10.5	4	NARROW	NORMAL		4.77	0
321	0908	30.721	33313	23	-93	-55.00	29	2.77	10.4	4	NARROW	NORMAL		4.77	0
321	0908	34.320	33314	23	-87	-55.00	29	2.77	10.4	4	NARROW	NORMAL		4.77	0
321	0908	39.109	33315	23	-81	-55.00	28	2.65	10.4	4	NARROW	NORMAL		4.77	2
321	0908	43.901	33316	23	-75	-55.00	28	2.65	10.4	4	NARROW	NORMAL		4.77	0
321	0908	48.696	33317	23	-72	-50.00	30	2.91	10.4	4	NARROW	NORMAL		4.77	0
321	0908	52.291	33320	23	-78	-50.00	30	2.91	10.4	4	NARROW	NORMAL		4.77	0
321	0908	57.081	33321	23	-84	-50.00	30	2.91	10.5	4	NARROW	NORMAL		4.77	0
321	0909	01.879	33322	23	-90	-50.00	31	3.07	10.4	4	NARROW	NORMAL		4.77	0
321	0909	06.673	33323	23	-96	-50.00	31	3.07	10.4	4	NARROW	NORMAL		4.77	0
321	0909	10.266	33324	23	-102	-50.00	31	3.07	10.4	4	NARROW	NORMAL		4.77	0
321	0909	18.660	33325	23	-105	-45.00	34	3.66	10.5	4	NARROW	NORMAL		4.77	0
321	0909	23.454	33326	23	-99	-45.00	33	3.44	10.4	4	NARROW	NORMAL		4.77	0
321	0909	28.248	33327	23	-93	-45.00	33	3.44	10.4	4	NARROW	NORMAL		4.77	0
321	0909	31.843	33330	23	-87	-45.00	33	3.44	10.4	4	NARROW	NORMAL		4.77	2
321	0909	36.635	33331	23	-81	-45.00	32	3.23	10.4	4	NARROW	NORMAL		4.77	0
321	0909	41.429	33332	23	-75	-45.00	32	3.23	10.4	4	NARROW	NORMAL		4.77	0
321	0909	46.224	33333	23	-72	-40.00	34	3.66	10.4	4	NARROW	NORMAL		4.77	0
321	0909	49.816	33334	23	-78	-40.00	34	3.66	10.4	4	NARROW	NORMAL		4.77	2
321	0909	54.611	33335	23	-84	-40.00	35	3.93	10.4	4	NARROW	NORMAL		4.77	0
321	0909	59.404	33336	23	-90	-40.00	35	3.93	10.4	4	NARROW	NORMAL		4.77	0
321	0910	04.200	33337	23	-96	-40.00	36	4.21	10.4	4	NARROW	NORMAL		4.77	0

DIGITIZED

DAY	HRMN	SEC	FLNMNR	SUR	AZ	ELEV	F.STP	DIST(MTR)	IRIS	FLTR	FOCUS	SHUTTR	COMMENTS	VOLT	IDC
321	0910	07.798	33340	23	-102	-40.00	36	4.21	10.4	4	NARROW	NORMAL		4.77	2
321	0911	26.927	33341	23	-141	-65.00	28	2.65	10.4	5	NARROW	NORMAL		4.77	2
321	0911	48.507	33342	23	-135	-65.00	28	2.65	10.5	5	NARROW	NORMAL		4.77	0
321	0911	53.301	33343	23	-129	-55.00	28	2.65	10.4	5	NARROW	NORMAL		4.77	0
321	0911	56.895	33344	23	-123	-65.00	28	2.65	10.5	5	NARROW	NORMAL		4.77	2
321	0912	01.695	33345	23	-117	-65.00	28	2.65	10.4	5	NARROW	NORMAL		4.77	0
321	0912	06.487	33346	23	-111	-65.00	28	2.65	10.5	5	NARROW	NORMAL		4.77	0
321	0912	11.281	33347	23	-108	-60.00	29	2.77	10.5	5	NARROW	NORMAL		4.77	0
321	0912	14.874	33350	23	-114	-60.00	29	2.77	10.5	5	NARROW	NORMAL		4.77	0
321	0912	19.671	33351	23	-120	-60.00	29	2.77	10.5	5	NARROW	NORMAL		4.77	0
321	0912	24.466	33352	23	-126	-60.00	29	2.77	10.5	5	NARROW	NORMAL		4.77	0
321	0912	29.260	33353	23	-132	-60.00	29	2.77	10.5	5	NARROW	NORMAL		4.77	0
321	0912	32.854	33354	23	-138	-60.00	29	2.77	10.5	5	NARROW	NORMAL		4.77	0
321	0912	37.648	33355	23	-141	-55.00	31	3.07	10.5	5	NARROW	NORMAL		4.77	0
321	0912	42.440	33356	23	-135	-55.00	31	3.07	10.4	5	NARROW	NORMAL		4.77	0
321	0912	47.234	33357	23	-129	-55.00	31	3.07	10.5	5	NARROW	NORMAL		4.77	0
321	0912	50.825	33360	23	-123	-55.00	31	3.07	10.5	5	NARROW	NORMAL		4.77	0
321	0912	55.623	33361	23	-117	-55.00	31	3.07	10.5	5	NARROW	NORMAL		4.77	0
321	0913	00.419	33362	23	-111	-55.00	31	3.07	10.5	5	NARROW	NORMAL		4.77	0
321	0913	05.216	33363	23	-108	-50.00	33	3.44	10.4	5	NARROW	NORMAL		4.77	2
321	0913	08.809	33364	23	-114	-50.00	34	3.66	10.5	5	NARROW	NORMAL		4.77	0
321	0913	13.601	33365	23	-120	-50.00	34	3.66	10.5	5	NARROW	NORMAL		4.77	0
321	0913	18.396	33366	23	-126	-50.00	34	3.66	10.5	5	NARROW	NORMAL		4.77	0
321	0913	23.193	33367	23	-132	-50.00	34	3.66	10.5	5	NARROW	NORMAL		4.77	0
321	0913	26.788	33370	23	-138	-50.00	34	3.66	10.5	5	NARROW	NORMAL		4.77	0
321	0913	33.980	33371	23	-141	-45.00	36	4.21	10.4	5	NARROW	NORMAL		4.77	0
321	0913	38.777	33372	23	-135	-45.00	36	4.21	10.5	5	NARROW	NORMAL		4.77	2
321	0913	42.373	33373	23	-129	-45.00	36	4.21	10.5	5	NARROW	NORMAL		4.77	0
321	0913	47.172	33374	23	-123	-45.00	36	4.21	10.5	5	NARROW	NORMAL		4.77	0
321	0913	51.972	33375	23	-117	-45.00	36	4.21	10.5	5	NARROW	NORMAL		4.77	0
321	0913	56.769	33376	23	-111	-45.00	36	4.21	10.4	5	NARROW	NORMAL		4.77	0
321	0918	16.967	33377	23	-105	-65.00	26	2.43	10.4	5	NARROW	NORMAL		4.77	0
321	0918	37.347	33400	23	-99	-65.00	25	2.35	10.4	5	NARROW	NORMAL		4.77	0
321	0918	42.139	33401	23	-93	-65.00	25	2.35	10.4	5	NARROW	NORMAL		4.77	0
321	0918	46.936	33402	23	-87	-65.00	25	2.35	10.4	5	NARROW	NORMAL		4.77	0
321	0918	51.736	33403	23	-81	-65.00	25	2.35	10.4	5	NARROW	NORMAL		4.77	0
321	0918	55.333	33404	23	-75	-65.00	24	2.26	10.4	5	NARROW	NORMAL		4.77	2
321	0919	00.125	33405	23	-72	-60.00	26	2.43	10.4	5	NARROW	NORMAL		4.77	0
321	0919	04.924	33406	23	-78	-60.00	26	2.43	10.4	5	NARROW	NORMAL		4.77	0
321	0919	09.719	33407	23	-84	-60.00	27	2.54	10.4	5	NARROW	NORMAL		4.77	0
321	0919	13.319	33410	23	-90	-60.00	27	2.54	10.4	5	NARROW	NORMAL		4.77	0
321	0919	18.110	33411	23	-96	-60.00	27	2.54	10.4	5	NARROW	NORMAL		4.77	0
321	0919	22.907	33412	23	-102	-60.00	27	2.54	10.4	5	NARROW	NORMAL		4.77	0
321	0919	27.702	33413	23	-105	-55.00	29	2.77	10.4	5	NARROW	NORMAL		4.77	2
321	0919	31.302	33414	23	-99	-55.00	29	2.77	10.4	5	NARROW	NORMAL		4.77	2
321	0919	36.095	33415	23	-93	-55.00	29	2.77	10.4	5	NARROW	NORMAL		4.77	0
321	0919	40.891	33416	23	-87	-55.00	29	2.77	10.4	5	NARROW	NORMAL		4.77	0
321	0919	45.682	33417	23	-81	-55.00	28	2.65	10.4	5	NARROW	NORMAL		4.77	0
321	0919	49.279	33420	23	-75	-55.00	28	2.65	10.4	5	NARROW	NORMAL		4.77	0
321	0919	54.076	33421	23	-72	-50.00	30	2.91	10.4	5	NARROW	NORMAL		4.77	0

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DAY	HRMN	SEC	FLNMBR	SUR	AZ	ELEV	F.STP	DIST(MTR)	IRIS	FLTR	FOCUS	SHUTTR	COMMENTS	VOLT	100
321	0919	58.868	33422	23	-78	-50.00	30	2.91	10.4	5	NARROW	NORMAL		4.77	0
321	0920	03.659	33423	23	-84	-50.00	30	2.91	10.4	5	NARROW	NORMAL		4.77	0
321	0920	07.255	33424	23	-90	-50.00	31	3.07	10.4	5	NARROW	NORMAL		4.77	0
321	0920	12.056	33425	23	-96	-50.00	31	3.07	10.4	5	NARROW	NORMAL		4.77	0
321	0920	16.850	33426	23	-102	-50.00	31	3.07	10.4	5	NARROW	NORMAL		4.77	0
321	0920	24.039	33427	23	-105	-45.00	34	3.66	10.4	5	NARROW	NORMAL		4.77	0
321	0920	27.637	33430	23	-99	-45.00	33	3.44	10.4	5	NARROW	NORMAL		4.77	0
321	0920	32.432	33431	23	-93	-45.00	33	3.44	10.4	5	NARROW	NORMAL		4.77	0
321	0920	37.228	33432	23	-87	-45.00	33	3.44	10.4	5	NARROW	NORMAL		4.77	0
321	0920	42.025	33433	23	-81	-45.00	32	3.23	10.4	5	NARROW	NORMAL		4.77	0
321	0920	45.623	33434	23	-75	-45.00	32	3.23	10.4	5	NARROW	NORMAL		4.77	0
321	0920	50.420	33435	23	-72	-40.00	34	3.66	10.4	5	NARROW	NORMAL		4.77	0
321	0920	55.218	33436	23	-78	-40.00	34	3.66	10.4	5	NARROW	NORMAL		4.77	0
321	0921	00.014	33437	23	-84	-40.00	35	3.93	10.4	5	NARROW	NORMAL		4.77	0
321	0921	03.610	33440	23	-90	-40.00	35	3.93	10.4	5	NARROW	NORMAL		4.77	0
321	0921	08.400	33441	23	-96	-40.00	36	4.21	10.4	5	NARROW	NORMAL		4.77	0
321	0921	13.194	33442	23	-102	-40.00	36	4.21	10.4	5	NARROW	NORMAL		4.77	0
321	0922	26.346	33443	30	-207	-45.00	31	3.07	8.6	5	NARROW	NORMAL		4.77	0
321	0923	03.511	33444	30	-210	-45.00	31	3.07	8.6	5	NARROW	NORMAL		4.77	0
321	0923	07.105	33445	30	-213	-45.00	30	2.91	8.6	5	NARROW	NORMAL		0.	3
321	0923	11.865	33446	30	-213	-50.00	30	2.91	8.6	5	NARROW	NORMAL		0.	3
321	0923	16.662	33447	30	-210	-50.00	29	2.77	8.6	5	NARROW	NORMAL		4.77	0
321	0923	21.461	33450	30	-207	-50.00	30	2.91	8.6	5	NARROW	NORMAL		4.77	0
321	0923	25.056	33451	30	-204	-50.00	30	2.91	8.6	5	NARROW	NORMAL		4.77	0
321	0923	29.851	33452	30	-201	-50.00	30	2.91	8.6	5	NARROW	NORMAL		4.77	0
321	0923	34.646	33453	30	-198	-50.00	30	2.91	8.6	5	NARROW	NORMAL		4.77	0
321	0923	39.439	33454	30	-198	-55.00	29	2.77	8.6	5	NARROW	NORMAL		4.77	0
321	0923	44.235	33455	30	-201	-55.00	28	2.65	8.6	5	NARROW	NORMAL		4.77	0
321	0923	47.833	33456	30	-204	-55.00	28	2.65	8.6	5	NARROW	NORMAL		4.77	0
321	0923	52.625	33457	30	-207	-55.00	28	2.65	8.6	5	NARROW	NORMAL		4.77	2
321	0923	57.427	33460	30	-210	-55.00	28	2.65	8.6	5	NARROW	NORMAL		4.77	0
321	0924	02.227	33461	30	-213	-55.00	28	2.65	8.6	5	NARROW	NORMAL		0.	3
321	0925	47.748	33462	31	-195	-40.00	27	2.54	8.5	5	NARROW	NORMAL		4.77	0
321	0926	26.112	33463	31	-201	-40.00	27	2.54	8.5	5	NARROW	NORMAL		4.77	2
321	0926	29.711	33464	31	-207	-40.00	27	2.54	8.5	5	NARROW	NORMAL		4.77	0
321	0926	34.507	33465	31	-213	-40.00	27	2.54	8.5	5	NARROW	NORMAL		4.77	0
321	0927	14.063	33466	31	-213	-35.00	27	2.54	8.5	5	NARROW	NORMAL		4.06	2
321	0927	42.832	33467	31	-213	-35.00	22	2.12	8.5	5	NARROW	NORMAL		4.77	2
321	0928	05.614	33470	31	-213	-30.00	22	2.12	8.5	5	NARROW	NORMAL		0.	3
321	0928	10.407	33471	31	-210	-30.00	23	2.18	8.5	5	NARROW	NORMAL		4.78	0
321	0928	15.201	33472	31	-207	-30.00	23	2.18	8.5	5	NARROW	NORMAL		4.78	0
321	0928	18.800	33473	31	-204	-30.00	26	2.43	8.5	5	NARROW	NORMAL		4.78	0
321	0928	23.599	33474	31	-201	-30.00	26	2.43	8.5	5	NARROW	NORMAL		4.78	0
321	0928	27.202	33475	31	-198	-30.00	26	2.43	8.5	5	NARROW	NORMAL		4.78	0
321	0928	31.997	33476	31	-198	-35.00	26	2.43	8.5	5	NARROW	NORMAL		4.78	0
321	0928	37.994	33477	31	-201	-35.00	26	2.43	8.5	5	NARROW	NORMAL		4.78	0
321	0928	45.182	33500	31	-204	-35.00	26	2.43	8.5	5	NARROW	NORMAL		4.78	2
321	0928	53.583	33501	31	-207	-35.00	23	2.18	8.5	5	NARROW	NORMAL		4.78	0
321	0928	59.577	33502	31	-210	-35.00	23	2.18	8.5	5	NARROW	NORMAL		4.78	0
321	0929	05.578	33503	31	-210	-40.00	25	2.35	8.5	5	NARROW	NORMAL		4.78	0

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DAY	HRMN	SEC	FLNMRR	SUR	AZ	ELEV	F.STP	DIST(MTR)	IRIS	FLTR	FOCUS	SHUTTR	COMMENTS	VOLT	IDQ
328	1320	07.691	17511	13	72	-20.00	49	205.24	4.9	1	WIDE	NORMAL		4.73	0
328	1320	11.226	17512	13	72	-5.00	49	205.24	4.9	1	WIDE	NORMAL		4.72	0
328	1320	15.936	17513	13	72	10.00	49	205.24	4.9	1	WIDE	NORMAL		4.73	2
328	1320	20.644	17514	13	72	25.00	49	205.24	4.9	1	WIDE	NORMAL		4.73	2
328	1320	34.774	17515	13	72	25.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	2
328	1320	46.545	17516	13	90	25.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	2
328	1320	51.259	17517	13	90	10.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	2
328	1320	54.792	17520	13	90	-5.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	0
328	1320	59.502	17521	13	90	-20.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	2
328	1321	04.212	17522	13	90	-35.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	0
328	1321	08.925	17523	13	90	-50.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	0
328	1321	15.994	17524	13	108	-50.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	2
328	1321	20.703	17525	13	108	-35.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	2
328	1321	25.410	17526	13	108	-20.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	0
328	1321	30.116	17527	13	108	-5.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	0
328	1321	33.649	17530	13	108	10.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	0
328	1321	39.538	17531	13	126	10.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	2
328	1321	44.248	17532	13	126	-5.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	0
328	1321	48.961	17533	13	126	-20.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	0
328	1321	53.675	17534	13	126	-35.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	2
328	1321	57.208	17535	13	126	-50.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	2
328	1322	04.267	17536	13	126	-65.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	2
328	1322	08.974	17537	13	108	-65.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	0
328	1322	14.861	17540	13	90	-65.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	2
328	1322	20.745	17541	13	72	-65.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	0
328	1322	25.456	17542	13	54	-65.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	2
328	1322	31.345	17543	13	36	-65.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	3
328	1322	37.231	17544	13	18	-65.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	0
328	1322	41.937	17545	13	0	-65.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	0
328	1322	47.818	17546	13	-18	-65.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	3
328	1322	53.707	17547	13	-36	-65.00	49	205.24	3.8	1	WIDE	NORMAL		4.73	2
328	1322	58.417	17550	13	-54	-65.00	49	205.24	4.0	1	WIDE	NORMAL		4.72	0
328	1323	10.185	17551	13	-90	-50.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	0
328	1323	14.891	17552	13	-90	-35.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	2
328	1323	19.603	17553	13	-90	-20.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	0
328	1323	24.313	17554	13	-90	-5.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	2
328	1323	30.197	17555	13	-108	-5.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	2
328	1323	33.728	17556	13	-108	-20.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	0
328	1323	38.436	17557	13	-108	-35.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	2
328	1323	43.143	17550	13	-108	-50.00	49	205.24	4.0	1	WIDE	NORMAL		4.73	2
328	1324	50.237	17561	42	-69	-15.00	46	17.93	4.9	1	NARROW	NORMAL		4.73	0
328	1324	56.124	17562	42	-69	-15.00	46	17.93	4.9	1	NARROW	NORMAL		4.73	0
328	1325	18.492	17553	42	-63	-15.00	44	10.68	4.9	1	NARROW	NORMAL		4.73	2
328	1325	23.197	17564	42	-57	-15.00	44	10.68	4.9	1	NARROW	NORMAL		4.73	0
328	1325	40.847	17555	42	-57	-15.00	45	13.08	4.9	1	NARROW	NORMAL		4.73	2
328	1325	51.431	17566	42	-51	-15.00	44	10.68	4.9	1	NARROW	NORMAL		4.73	0
328	1325	56.126	17567	42	-45	-15.00	43	8.97	4.9	1	NARROW	NORMAL		4.73	2
328	1325	59.656	17570	42	-39	-15.00	43	8.97	4.9	1	NARROW	NORMAL		4.73	0
328	1326	04.357	17571	42	-33	-15.00	42	7.76	4.9	1	NARROW	NORMAL		4.73	0
328	1326	09.062	17572	42	-30	-10.00	43	8.97	4.9	1	NARROW	NORMAL		4.73	0

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DAY	HRMN	SEC	FLNMNR	SUR	AZ	ELEV	F.STP	DIST(MTR)	IRIS	FLTR	FOCUS	SHUTTR	COMMENTS	VOLT	IDG
328	1326	38.443	17573	42	-30	-10.00	45	13.08	4.9	1	NARROW	NORMAL		4.73	0
328	1326	50.203	17574	42	-36	-10.00	46	17.93	4.9	1	NARROW	NORMAL		4.73	0
328	1326	53.729	17575	42	-42	-10.00	46	17.93	4.9	1	NARROW	NORMAL		4.73	2
328	1326	56.431	17576	42	-48	-10.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	3
328	1327	03.134	17577	42	-54	-10.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	2
328	1327	07.842	17600	42	-60	-10.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	0
328	1327	12.549	17601	42	-66	-10.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	0
328	1327	17.257	17602	42	-69	-5.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	2
328	1327	20.778	17603	42	-63	-5.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	2
328	1327	25.485	17604	42	-57	-5.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	0
328	1327	30.187	17605	42	-51	-5.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	2
328	1327	34.893	17606	42	-45	-5.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	0
328	1327	39.602	17607	42	-39	-5.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	0
328	1327	43.133	17610	42	-33	-5.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	0
328	1327	47.836	17611	42	-30	0.	49	205.24	4.9	1	NARROW	NORMAL		4.73	2
328	1327	52.541	17612	42	-36	0.	49	205.24	4.9	1	NARROW	NORMAL		4.73	2
328	1327	57.235	17613	42	-42	0.	49	205.24	4.9	1	NARROW	NORMAL		4.73	0
328	1328	01.939	17614	42	-48	0.	49	205.24	4.9	1	NARROW	NORMAL		4.73	2
328	1328	06.657	17615	42	-54	0.	49	205.24	4.9	1	NARROW	NORMAL		4.73	2
328	1328	10.190	17616	42	-60	0.	49	205.24	4.9	1	NARROW	NORMAL		4.73	0
328	1328	14.899	17617	42	-66	0.	49	205.24	4.9	1	NARROW	NORMAL		4.73	0
328	1328	19.595	17620	42	-69	5.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	0
328	1328	24.299	17621	42	-63	5.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	2
328	1328	29.003	17622	42	-57	5.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	0
328	1328	33.710	17623	42	-51	5.00	49	205.24	4.9	1	NARROW	NORMAL		2.36	2
328	1328	37.228	17624	42	-45	5.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	2
328	1328	41.923	17625	42	-39	5.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	2
328	1328	46.623	17626	42	-33	5.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	2
328	1329	46.605	17627	42	-27	-15.00	41	6.81	4.9	1	NARROW	NORMAL		4.73	2
328	1329	51.307	17630	42	-27	-15.00	41	6.81	4.9	1	NARROW	NORMAL		4.73	3
328	1330	25.423	17631	42	-21	-15.00	41	6.81	4.9	1	NARROW	NORMAL		4.73	2
328	1330	30.128	17632	42	-15	-15.00	40	6.05	4.9	1	NARROW	NORMAL		4.73	0
328	1330	33.656	17633	42	-9	-15.00	39	5.44	4.9	1	NARROW	NORMAL		4.73	0
328	1330	38.360	17634	42	-3	-15.00	38	4.97	4.9	1	NARROW	NORMAL		4.73	0
328	1330	45.419	17635	42	0	-10.00	40	6.05	4.9	1	NARROW	NORMAL		4.73	0
328	1330	50.121	17636	42	-6	-10.00	40	6.05	4.9	1	NARROW	NORMAL		4.73	0
328	1330	53.649	17637	42	-12	-10.00	41	6.81	4.9	1	NARROW	NORMAL		4.73	2
328	1330	58.355	17640	42	-18	-10.00	41	6.81	4.9	1	NARROW	NORMAL		4.73	0
328	1331	03.062	17641	42	-24	-10.00	42	7.76	4.9	1	NARROW	NORMAL		4.73	2
328	1331	08.943	17642	42	-27	-5.00	43	8.97	4.9	1	NARROW	NORMAL		3.54	3
328	1331	13.648	17643	42	-21	-5.00	44	10.68	4.9	1	NARROW	NORMAL		4.73	2
328	1331	17.181	17644	42	-15	-5.00	43	8.97	4.9	1	NARROW	NORMAL		4.73	2
328	1331	21.889	17645	42	-9	-5.00	43	8.97	4.9	1	NARROW	NORMAL		4.73	0
328	1331	26.595	17646	42	-3	-5.00	43	8.97	4.9	1	NARROW	NORMAL		4.72	0
328	1331	31.302	17647	42	0	0.	44	10.68	4.9	1	NARROW	NORMAL		4.73	2
328	1331	34.833	17650	42	0	0.	45	13.08	4.9	1	NARROW	NORMAL		4.73	0
328	1332	00.714	17651	42	0	0.	45	13.08	4.9	1	NARROW	NORMAL		4.73	2
328	1332	13.655	17652	42	-6	0.	46	17.93	4.9	1	NARROW	NORMAL		4.73	2
328	1332	18.355	17653	42	-12	0.	48	61.92	4.9	1	NARROW	NORMAL		4.73	2
328	1332	23.056	17654	42	-18	0.	49	205.24	4.9	1	NARROW	NORMAL		4.73	2

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DAY	HRMN	SEC	FLNMBR	SUR	AZ	ELEV	F.STP	DIST(MTR)	IRIS	FLTR	FOCUS	SHUTTR	COMMENTS	VOLT	IDQ
328	1332	26.586	17655	42	-24	0.	49	205.24	4.9	1	NARROW	NORMAL		4.73	0
328	1332	31.291	17656	42	-27	5.00	49	205.24	4.9	1	NARROW	NORMAL		4.72	0
328	1332	35.992	17657	42	-21	5.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	2
328	1332	40.699	17660	42	-15	5.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	2
328	1332	45.403	17661	42	-9	5.00	49	205.24	4.8	1	NARROW	NORMAL		4.86	2
328	1332	50.106	17662	42	-3	5.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	2
328	1332	53.637	17663	42	0	10.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	0
328	1332	58.342	17664	42	-6	10.00	49	205.24	4.9	1	NARROW	NORMAL		2.38	2
328	1333	03.044	17665	42	-12	10.00	49	205.24	4.9	1	NARROW	NORMAL		4.72	0
328	1333	07.747	17666	42	-18	10.00	49	205.24	4.9	1	NARROW	NORMAL		4.72	2
328	1333	12.450	17667	42	-24	10.00	49	205.24	4.9	1	NARROW	NORMAL		4.72	2
328	1333	17.156	17670	42	-27	15.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	2
328	1333	20.584	17671	42	-21	15.00	49	205.24	4.9	1	NARROW	NORMAL		4.72	0
328	1333	25.389	17672	42	-15	15.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	0
328	1333	30.090	17673	42	-9	15.00	49	205.24	4.9	1	NARROW	NORMAL		4.72	0
328	1333	34.790	17674	42	-3	15.00	49	205.24	4.9	1	NARROW	NORMAL		4.74	2
328	1334	26.539	17675	42	3	-5.00	43	8.97	4.9	1	NARROW	NORMAL		4.72	0
328	1334	32.417	17676	42	3	-5.00	43	8.97	4.9	1	NARROW	NORMAL		4.72	0
328	1334	57.108	17677	42	9	-5.00	43	8.97	4.9	1	NARROW	NORMAL		4.73	0
328	1335	00.670	17700	42	15	-5.00	42	7.76	4.9	1	NARROW	NORMAL		4.72	0
328	1335	05.339	17701	42	21	-5.00	41	6.81	4.9	1	NARROW	NORMAL		4.72	2
328	1335	10.040	17702	42	27	-5.00	42	7.76	4.9	1	NARROW	NORMAL		4.73	3
328	1335	14.743	17703	42	30	0.	42	7.76	4.9	1	NARROW	NORMAL		4.73	2
328	1335	19.445	17704	42	24	0.	43	8.97	4.9	1	NARROW	NORMAL		4.73	0
328	1335	24.146	17705	42	18	0.	43	8.97	4.9	1	NARROW	NORMAL		4.72	0
328	1335	27.675	17706	42	12	0.	44	10.68	4.9	1	NARROW	NORMAL		4.73	2
328	1335	32.377	17707	42	6	0.	45	13.08	4.9	1	NARROW	NORMAL		4.73	0
328	1335	51.184	17710	42	6	0.	47	27.73	4.9	1	NARROW	NORMAL		4.73	2
328	1336	02.941	17711	42	3	5.00	49	205.24	4.9	1	NARROW	NORMAL		4.72	0
328	1336	07.641	17712	42	9	5.00	49	205.24	4.9	1	NARROW	NORMAL		4.72	0
328	1336	12.344	17713	42	15	5.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	2
328	1336	17.043	17714	42	21	5.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	0
328	1336	20.573	17715	42	27	5.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	2
328	1336	41.745	17716	42	30	10.00	49	205.24	4.9	1	NARROW	NORMAL		4.72	0
328	1337	25.772	17717	42	30	10.00	49	205.24	6.7	1	NARROW	NORMAL		4.72	0
328	1337	39.351	17720	42	24	10.00	49	205.24	6.7	1	NARROW	NORMAL		4.73	0
328	1337	44.055	17721	42	18	10.00	49	205.24	6.7	1	NARROW	NORMAL		4.73	0
328	1337	48.760	17722	42	12	10.00	49	205.24	4.9	1	NARROW	NORMAL		3.54	3
328	1338	25.208	17723	42	12	10.00	49	205.24	4.9	1	NARROW	NORMAL		4.72	2
328	1338	31.037	17724	42	12	10.00	49	205.24	4.9	1	NARROW	NORMAL		4.72	2
328	1338	53.416	17725	42	6	10.00	49	205.24	4.9	1	NARROW	NORMAL		4.73	2
328	1338	58.119	17726	42	3	15.00	49	205.24	4.9	1	NARROW	NORMAL		4.72	0
328	1339	01.686	17727	42	9	15.00	49	205.24	4.9	1	NARROW	NORMAL		4.72	0
328	1339	06.345	17730	42	15	15.00	49	205.24	4.9	1	NARROW	NORMAL		4.72	2
328	1339	11.048	17731	42	21	15.00	49	205.24	4.9	1	NARROW	NORMAL		4.72	0
328	1339	15.754	17732	42	27	15.00	49	205.24	4.9	1	NARROW	NORMAL		4.72	2
328	1339	48.655	17733	42	27	15.00	49	205.24	6.7	1	NARROW	NORMAL		4.72	2
328	1339	53.358	17734	42	27	15.00	49	205.24	6.7	1	NARROW	NORMAL		4.72	0
328	1340	48.596	17735	42	27	15.00	49	205.24	9.0	1	NARROW	NORMAL		4.72	0
328	1340	53.297	17736	42	27	15.00	49	205.24	9.0	1	NARROW	NORMAL		4.72	2

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DAY	HRMN	SEC	FLNMBR	SUR	AZ	ELEV	F.STP	DIST(MTR)	IRIS	FLTR	FOCUS	SHUTTR	COMMENTS	VOLT	IDC
328	1342	23.761	17737	42	33	5.00	46	17.93	6.7	1	NARROW	NORMAL		4.72	0
328	1342	29.633	17740	42	33	5.00	46	17.93	6.7	1	NARROW	NORMAL		2.36	2
328	1345	31.759	17741	42	33	5.00	46	17.93	6.7	1	NARROW	NORMAL		4.72	2
328	1345	37.629	17742	42	33	5.00	46	17.93	6.7	1	NARROW	NORMAL		4.72	0
328	1346	05.801	17743	42	33	5.00	47	27.73	4.9	1	NARROW	NORMAL		4.72	0
328	1346	11.675	17744	42	33	5.00	47	27.73	4.9	1	NARROW	NORMAL		4.86	2
328	1346	35.164	17745	42	39	5.00	47	27.73	4.9	1	NARROW	NORMAL		4.72	0
328	1346	39.860	17746	42	45	5.00	46	17.93	4.9	1	NARROW	NORMAL		4.72	0
328	1346	44.561	17747	42	51	5.00	46	17.93	4.9	1	NARROW	NORMAL		4.72	0
328	1346	48.019	17750	42	57	5.00	46	17.93	4.9	1	NARROW	NORMAL		4.72	0
328	1346	53.953	17751	42	60	10.00	49	205.24	4.9	1	NARROW	NORMAL		4.72	0
328	1346	58.652	17752	42	54	10.00	49	205.24	4.9	1	NARROW	NORMAL		4.72	2
328	1347	03.350	17753	42	48	10.00	49	205.24	4.9	1	NARROW	NORMAL		4.72	2
328	1347	08.047	17754	42	42	10.00	49	205.24	4.9	1	NARROW	NORMAL		4.72	0
328	1347	11.499	17755	42	36	10.00	49	205.24	4.9	1	NARROW	NORMAL		4.72	2
328	1347	33.874	17756	42	36	10.00	49	205.24	5.8	1	NARROW	NORMAL		4.72	0
328	1347	38.569	17757	42	36	10.00	49	205.24	5.8	1	NARROW	NORMAL		4.72	3
328	1347	53.834	17760	42	33	15.00	49	205.24	5.8	1	NARROW	NORMAL		4.72	0
328	1348	29.048	17761	42	39	15.00	49	205.24	5.8	1	NARROW	NORMAL		4.72	2
328	1348	52.526	17762	42	39	15.00	49	205.24	4.0	1	NARROW	NORMAL		4.72	2
328	1348	58.393	17763	42	39	15.00	49	205.24	4.0	1	NARROW	NORMAL		4.72	3
328	1349	15.999	17764	42	45	15.00	49	205.24	4.0	1	NARROW	NORMAL		4.71	2
328	1349	20.699	17765	42	51	15.00	49	205.24	4.0	1	NARROW	NORMAL		4.72	0
328	1349	24.215	17766	42	57	15.00	49	205.24	9.9	1	NARROW	NORMAL		4.72	0
328	1350	51.075	17767	42	30	15.00	49	205.24	9.0	1	NARROW	NORMAL		4.72	2
328	1350	55.770	17770	42	30	15.00	49	205.24	9.0	1	NARROW	NORMAL		4.72	0
328	1351	25.110	17771	42	30	15.00	49	205.24	7.8	1	NARROW	NORMAL		4.72	0
328	1351	30.993	17772	42	30	15.00	49	205.24	7.8	1	NARROW	NORMAL		4.72	2
328	1410	04.353	17773	50	-153	-10.00	49	205.24	22.7	1	WIDE	NORMAL		4.70	2
328	1410	31.182	17774	50	-153	-10.00	49	205.24	22.7	1	WIDE	NORMAL		4.70	2
328	1410	51.009	17775	50	-153	-10.00	49	205.24	22.7	1	WIDE	NORMAL		4.70	0
328	1411	26.008	17776	50	-153	-10.00	49	205.24	10.9	1	WIDE	NORMAL		4.70	2
328	1411	30.669	17777	50	-153	-10.00	49	205.24	12.4	1	WIDE	NORMAL		4.70	2
328	1412	05.484	20000	50	-153	-10.00	49	205.24	6.7	1	WIDE	NORMAL		4.70	2
328	1412	11.315	20001	50	-153	-10.00	49	205.24	6.7	1	WIDE	NORMAL		4.70	0
328	1412	55.632	20002	50	-153	-10.00	49	205.24	3.8	1	WIDE	NORMAL		4.70	0
328	1413	01.457	20003	50	-153	-10.00	49	205.24	3.8	1	WIDE	NORMAL		4.70	0
328	1413	22.444	20004	50	-153	-10.00	49	205.24	3.8	1	WIDE	OPEN		4.70	0
328	1413	28.272	20005	50	-153	-10.00	49	205.24	3.8	1	WIDE	1.2 SEC		4.70	0
328	1414	31.388	20006	50	-153	-10.00	49	205.24	3.8	1	WIDE	5 SEC		4.70	0
328	1415	26.354	20007	50	-153	-10.00	49	205.24	3.8	1	NARROW	5 SEC	SOLAR CRONA Z2452B	4.70	0
328	1417	05.559	20010	50	-153	-10.00	49	205.24	3.8	2	NARROW	5 SEC		4.70	3
328	1417	56.983	20011	50	-153	-10.00	49	205.24	3.8	3	NARROW	5 SEC		4.70	0
328	1418	30.919	20012	50	-153	-10.00	49	205.24	3.8	4	NARROW	5 SEC		4.70	0
328	1419	36.329	20013	50	-153	-10.00	49	205.24	3.8	4	NARROW	5 SEC	DIGITIZED	4.70	2
328	1420	07.925	20014	50	-153	-10.00	49	205.24	3.8	3	NARROW	5 SEC	DIGITIZED	4.70	2
328	1420	39.516	20015	50	-153	-10.00	49	205.24	3.8	2	NARROW	5 SEC	DIGITIZED	4.70	2
328	1421	07.618	20016	50	-153	-10.00	49	205.24	3.8	1	NARROW	5 SEC	DIGITIZED	4.70	2
328	1421	49.833	20017	50	-153	-10.00	49	205.24	3.8	1	NARROW	10 SEC	SOLAR CRONA Z2451A	4.70	2
328	1422	34.348	20020	50	-153	-10.00	49	205.24	3.8	2	NARROW	10 SEC		4.70	0

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DAY	HRMN	SEC	FLNMBR	SUR	AZ	ELEV	F.STP	DIST(MTR)	IRIS	FLTR	FOCUS	SHUTTR	COMMENTS	VOLT	IDQ
328	1423	03.757	20021	50	-153	-10.00	49	205.24	3.8	3	NARROW	10 SEC		4.70	0
328	1423	24.973	20022	50	-153	-10.00	49	205.24	3.8	4	NARROW	10 SEC		4.70	2
328	1425	25.227	20023	50	-153	-10.00	49	205.24	3.8	5	NARROW	62 SEC	SOLAR CRONA Z2451B	4.70	3
328	1426	56.023	20024	60	-222	-10.00	49	205.24	3.8	5	NARROW	OPEN		4.70	2
328	1428	47.761	20025	60	30	15.00	49	205.24	3.8	5	NARROW	OPEN		4.70	0
328	1430	09.979	20026	60	30	15.00	49	205.24	3.8	5	WIDE	OPEN		4.70	2
328	1431	29.852	20027	60	21	15.00	49	205.24	3.8	4	WIDE	OPEN		4.70	2
328	1432	19.482	20030	60	12	15.00	49	205.24	3.8	5	WIDE	OPEN		4.70	2
328	1433	24.239	20031	60	3	15.00	49	205.24	3.8	5	WIDE	OPEN		4.69	2
328	1436	01.244	20032	70	-150	-10.00	49	205.24	3.8	5	NARROW	1.2 SC		4.69	0
328	1436	40.771	20033	70	-153	-10.00	49	205.24	3.8	5	NARROW	1.2 SC	SOLAR CRONA Z2453A	4.70	2
328	1438	05.934	20034	70	-153	-10.00	49	205.24	3.8	5	NARROW	60 SEC	SOLAR CRONA Z2453B	4.69	0
328	1439	35.723	20035	70	-153	-10.00	49	205.24	3.8	4	NARROW	60 SEC		4.70	3
328	1441	03.191	20036	70	-153	-10.00	49	205.24	3.8	3	NARROW	60 SEC		2.35	2
328	1442	21.331	20037	70	-153	-10.00	49	205.24	3.8	2	NARROW	60 SEC	SOLAR CRONA Z2450A	4.70	0
328	1456	02.142	20040	70	-153	-10.00	49	205.24	3.8	1	NARROW	10 MIN	SOLAR CRONA Z2450B	4.69	0
328	1458	51.231	20041	70	-153	-10.00	49	205.24	3.8	1	NARROW	60 SEC		4.68	0
328	1500	08.918	20042	70	-153	-10.00	49	205.24	3.8	2	NARROW	60 SEC		4.69	2
328	1501	25.467	20043	70	-153	-10.00	49	205.24	3.8	3	NARROW	60 SEC		4.69	2
328	1502	39.693	20044	70	-153	-10.00	49	205.24	3.8	4	NARROW	60 SEC		4.69	3
328	1504	08.922	20045	70	-153	-5.00	49	205.24	3.8	4	NARROW	60 SEC		4.69	2
328	1505	38.124	20046	70	-153	-5.00	49	205.24	3.8	3	NARROW	OPEN		4.68	0
328	1506	54.611	20047	70	-153	-5.00	49	205.24	3.8	2	NARROW	60 SEC		4.69	2
328	1508	08.795	20050	70	-153	-5.00	49	205.24	3.8	1	NARROW	60 SEC		4.69	2
328	1519	43.868	20051	70	-153	-5.00	49	205.24	3.8	2	NARROW	10 MIN		4.67	0
328	1521	14.780	20052	80	-147	-5.00	49	205.24	3.8	2	NARROW	OPEN		4.67	0
328	1522	01.151	20053	80	-147	-5.00	49	205.24	3.8	2	NARROW	OPEN		4.67	0
328	1523	31.277	20054	80	-150	-5.00	49	205.24	3.8	2	NARROW	OPEN		4.67	0
328	1526	06.112	20055	80	-150	-5.00	49	205.24	3.8	2	NARROW	OPEN		4.68	2
328	1528	19.726	20056	80	-147	-5.00	49	205.24	3.8	2	NARROW	OPEN		4.68	2
328	1533	03.146	20057	80	-147	-5.00	49	205.24	3.8	2	NARROW	OPEN		4.68	2
328	1537	14.290	20060	71	-153	-5.00	49	205.24	3.8	2	WIDE	3 MIN		4.67	2
328	1540	49.690	20061	71	-153	-5.00	49	205.24	3.8	3	WIDE	3 MIN		4.67	0
328	1544	04.373	20062	71	-153	-5.00	49	205.24	3.8	4	WIDE	3 MIN		4.67	0
328	1547	18.947	20063	71	-153	-5.00	49	205.24	3.8	5	WIDE	3 MIN		4.67	2
328	1550	16.803	20064	71	-153	-5.00	49	205.24	3.8	5	WIDE	OPEN		4.67	2
328	1601	34.283	20065	71	-153	-5.00	49	205.24	3.8	5	WIDE	10 MIN		4.66	0
328	1603	08.202	20066	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	2
328	1603	13.926	20067	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	3
328	1603	20.799	20070	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	0
328	1603	26.523	20071	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	2
328	1603	32.250	20072	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.66	0
328	1604	34.113	20073	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	2
328	1607	37.822	20074	71	-153	-5.00	49	205.24	3.8	5	WIDE	3 MIN		4.67	2
328	1608	37.328	20075	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	2
328	1608	43.049	20076	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	2
328	1608	48.770	20077	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	2
328	1608	54.493	20100	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	3
328	1609	00.215	20101	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	0
328	1610	46.836	20102	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	0

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DAY	HRMN	SEC	FLNMRR	SUR	AZ	ELEV	F.STP	DIST(MTR)	IRIS	FLTR	FOCUS	SHUTTR	COMMENTS	VOLT	IDG
328	1610	51.214	20103	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	2
328	1610	56.936	20104	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	2
328	1611	02.658	20105	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	2
328	1611	08.378	20106	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	0
328	1611	15.242	20107	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	2
328	1611	20.959	20110	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	2
328	1611	26.683	20111	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	2
328	1611	32.403	20112	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	0
328	1611	38.124	20113	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	2
328	1613	57.693	20114	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	2
328	1617	01.245	20115	71	-153	-5.00	49	205.24	3.8	5	WIDE	3 MIN		4.67	2
328	1618	38.436	20116	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	2
328	1618	41.867	20117	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	0
328	1618	46.295	20120	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	2
328	1618	48.724	20121	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	0
328	1618	53.296	20122	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	3
328	1619	33.306	20123	71	-153	-5.00	49	205.24	3.8	5	WIDE	NORMAL		4.67	0
328	1620	36.392	20124	71	-153	-5.00	49	205.24	3.8	5	WIDE	1 MIN		4.67	2
328	1625	14.108	20125	90	-57	-60.00	26	2.43	3.8	2	WIDE	OPEN		4.67	2
328	1625	24.392	20126	90	-57	-60.00	26	2.43	3.8	2	WIDE	OPEN		4.67	0
328	1625	34.680	20127	90	-57	-60.00	26	2.43	3.8	2	WIDE	OPEN		4.67	2
328	1635	56.225	20130	90	-57	-60.00	26	2.43	3.8	2	WIDE	OPEN		4.66	2
328	1637	07.073	20131	90	-57	-60.00	26	2.43	3.8	2	WIDE	NORMAL		4.66	2
328	1637	11.645	20132	90	-57	-60.00	26	2.43	3.8	2	WIDE	NORMAL		4.66	0
328	1637	17.360	20133	90	-57	-60.00	26	2.43	3.8	2	WIDE	NORMAL		4.66	2
328	1638	51.098	20134	90	-57	-60.00	26	2.43	3.8	3	WIDE	OPEN		4.66	2
328	1638	56.814	20135	90	-57	-60.00	26	2.43	3.8	3	WIDE	OPEN		4.67	0
328	1649	26.134	20136	90	-57	-60.00	26	2.43	3.8	3	WIDE	OPEN		4.66	2
328	1650	36.000	20137	90	-57	-60.00	26	2.43	22.6	3	WIDE	OPEN		4.42	4
328	1650	42.634	20140	90	-57	20.00	26	2.43	22.6	3	WIDE	OPEN		4.66	2
328	1650	48.348	20141	90	-57	20.00	26	2.43	22.6	3	WIDE	OPEN		4.66	2
328	1651	18.062	20142	00	-57	20.00	26	2.43	22.6	3	WIDE	NORMAL		4.66	2
328	1651	23.777	20143	00	-57	20.00	26	2.43	22.6	3	WIDE	NORMAL		4.66	0
328	1651	29.491	20144	00	-57	20.00	26	2.43	22.6	3	WIDE	NORMAL		4.66	2
328	1651	35.206	20145	00	-57	20.00	26	2.43	22.6	3	WIDE	NORMAL		4.67	2
328	1651	40.919	20146	00	-57	20.00	26	2.43	22.6	3	WIDE	NORMAL		4.66	2
328	1651	46.634	20147	00	-57	20.00	26	2.43	22.6	3	WIDE	NORMAL		4.66	0
328	1651	53.493	20150	00	-57	20.00	26	2.43	22.6	3	WIDE	NORMAL		4.67	2
328	1651	58.065	20151	00	-57	20.00	26	2.43	22.6	3	WIDE	NORMAL		4.66	0
328	1652	03.778	20152	00	-57	20.00	26	2.43	22.6	3	WIDE	NORMAL		4.67	2
328	1652	09.493	20153	00	-57	20.00	26	2.43	22.6	3	WIDE	NORMAL		4.66	0
328	1652	14.066	20154	00	-57	20.00	26	2.43	22.6	3	WIDE	NORMAL		2.34	2
328	1652	19.731	20155	00	-57	20.00	26	2.43	22.6	3	WIDE	NORMAL		4.66	2
328	1652	25.496	20156	00	-57	20.00	26	2.43	22.6	3	WIDE	NORMAL		4.67	2
328	1652	32.354	20157	00	-57	20.00	26	2.43	22.6	3	WIDE	NORMAL		4.67	0
328	1652	38.073	20150	00	-57	20.00	26	2.43	22.6	3	WIDE	NORMAL		4.67	2
328	1652	43.790	20161	00	-57	20.00	26	2.43	22.6	3	WIDE	NORMAL		4.67	0
328	1652	49.507	20162	00	-57	20.00	26	2.43	22.6	3	WIDE	NORMAL		4.67	0
328	1652	55.221	20163	00	-57	20.00	26	2.43	22.6	3	WIDE	NORMAL		4.67	2
328	1653	00.936	20164	00	-57	20.00	26	2.43	22.6	3	WIDE	NORMAL		4.67	2

DAY	HRMN	SEC	FLNMBR	SUR	AZ	ELEV	F.STP	DIST(MTR)	IRIS	FLTR	FOCUS	SHUTTR	COMMENTS	VOLT	IDQ
328	1653	06.653	20165	00	-57	20.00	26	2.43	22.6	3	WIDE	NORMAL		4.67	2
328	1704	03.550	20166	00	-153	20.00	26	2.43	22.6	3	WIDE	10 MIN		4.66	2
328	1706	51.500	20167	00	-153	45.00	49	205.24	3.8	4	WIDE	NORMAL		4.66	0
328	1708	11.468	20170	00	-153	-5.00	49	205.24	3.8	4	WIDE	NORMAL		4.67	2
328	1718	49.631	20171	00	-153	-5.00	49	205.24	3.8	4	WIDE	10 MIN		4.66	2
328	1720	07.279	20172	00	-153	-5.00	49	205.24	3.8	2	WIDE	OPEN		4.66	2
328	1721	26.112	20173	00	-153	-5.00	49	205.24	3.8	2	WIDE	OPEN		4.66	0
328	1721	36.397	20174	00	-153	-5.00	49	205.24	3.8	2	WIDE	OPEN		4.66	2
328	1731	51.880	20175	00	-153	-5.00	49	205.24	3.8	2	WIDE	10 MIN		4.66	2
328	1732	46.696	20176	00	-153	-5.00	49	205.24	3.8	3	WIDE	NORMAL		4.66	2
328	1732	56.975	20177	00	-153	-5.00	49	205.24	3.8	3	WIDE	NORMAL		4.66	2
328	1736	39.756	20200	00	-153	-5.00	49	205.24	3.8	3	WIDE	NORMAL		4.67	2
328	1736	45.469	20201	00	-153	-5.00	49	205.24	3.8	3	WIDE	NORMAL		4.67	0
328	1737	19.734	20202	00	-153	-5.00	49	205.24	3.8	3	WIDE	OPEN		4.67	2
328	1737	25.445	20203	00	-153	-5.00	49	205.24	3.8	3	WIDE	OPEN		4.67	0
328	1748	06.407	20204	00	-153	-5.00	49	205.24	3.8	3	WIDE	10 MIN		4.67	2
328	1749	51.370	20205	00	-99	20.00	49	205.24	22.6	3	WIDE	NORMAL		4.67	2
328	1750	01.638	20206	00	-99	20.00	49	205.24	22.6	3	WIDE	NORMAL		4.67	2
328	1750	57.543	20207	00	-99	20.00	49	205.24	22.6	3	WIDE	NORMAL		4.67	2
328	1751	28.344	20210	00	-99	20.00	49	205.24	22.6	3	WIDE	NORMAL		0.	2
328	1751	55.148	20211	00	-99	20.00	49	205.24	22.6	3	WIDE	NORMAL		5.00	2
328	1752	29.946	20212	00	-99	20.00	49	205.24	22.6	3	WIDE	NORMAL		4.67	2
328	1753	00.739	20213	00	-99	20.00	49	205.24	22.7	3	WIDE	NORMAL		4.67	2
328	1753	32.682	20214	00	-99	20.00	49	205.24	22.6	3	WIDE	NORMAL		4.67	0
328	1754	02.337	20215	00	-99	20.00	49	205.24	22.6	3	WIDE	NORMAL		4.67	0
328	1754	33.123	20216	00	-99	20.00	49	205.24	22.6	3	WIDE	NORMAL		4.67	0
328	1755	03.915	20217	00	-99	20.00	49	205.24	22.7	3	WIDE	NORMAL		4.67	3
328	1755	34.695	20220	00	-99	20.00	49	205.24	22.6	3	WIDE	NORMAL		4.67	2
328	1756	03.198	20221	00	-99	20.00	49	205.24	22.7	3	WIDE	NORMAL		4.67	2
328	1806	30.600	20222	00	-99	20.00	49	205.24	22.6	3	WIDE	10 MIN		4.66	2
328	1809	34.277	20223	81	-216	20.00	49	205.24	3.8	1	NARROW	NORMAL		4.67	2
328	1809	44.544	20224	81	-216	20.00	49	205.24	3.8	1	NARROW	NORMAL		4.67	0
328	1810	41.615	20225	81	-216	20.00	49	205.24	3.8	1	NARROW	OPEN		4.67	2
328	1810	53.034	20226	81	-216	20.00	49	205.24	3.8	1	NARROW	OPEN		4.67	0
328	1812	53.097	20227	81	-216	20.00	49	205.24	3.8	1	NARROW	OPEN		2.33	3
328	1814	26.953	20230	81	-216	20.00	49	205.24	3.8	1	NARROW	OPEN		4.65	2
328	1816	43.858	20231	81	123	35.00	49	205.24	3.8	1	NARROW	OPEN		4.67	2
328	1818	27.868	20232	81	123	35.00	49	205.24	3.8	1	NARROW	OPEN		4.67	2
328	1823	07.577	20233	81	123	35.00	49	205.24	3.8	1	WIDE	OPEN		4.67	2
328	1826	31.612	20234	81	-153	-5.00	49	205.24	3.8	2	WIDE	OPEN		4.67	2
328	1837	02.025	20235	10	-153	-5.00	49	205.24	3.8	2	WIDE	10 MIN		4.66	3
328	1837	54.465	20236	10	-153	-5.00	49	205.24	3.8	2	WIDE	OPEN		4.67	2
328	1838	00.170	20237	10	-153	-5.00	49	205.24	3.8	2	WIDE	OPEN		2.34	2
328	1852	09.315	20240	10	-153	-5.00	49	205.24	3.8	4	WIDE	OPEN		4.66	2
328	1852	20.084	20241	10	-153	-5.00	49	205.24	3.8	4	WIDE	OPEN		4.66	2
328	1903	38.493	20242	10	-153	-5.00	49	205.24	3.8	4	WIDE	10 MIN		4.66	2
328	1906	14.858	20243	91	-57	-60.00	26	2.43	3.8	4	WIDE	OPEN		4.67	0
328	1917	03.572	20244	91	-57	-60.00	26	2.43	3.8	4	WIDE	OPEN		4.66	2
328	1928	05.569	20245	91	-57	-60.00	26	2.43	3.8	1	WIDE	OPEN		4.66	2
328	1929	44.857	20246	11	-153	-5.00	49	205.24	3.8	1	WIDE	OPEN		4.67	2

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