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Solar - Geophysical Data

NO. 486 FEBRUARY 1985

Part II (Comprehensive Reports)

Michael A. Chinnery, Director
NATIONAL GEOPHYSICAL DATA CENTER
BOULDER, COLORADO

DATA FOR
AUGUST 1984
MARCH-JUNE 1982

International Standard Serial Number: 0038-0911

Library of Congress Catalog Number: 79-640375 //r81

For sale through the National Geophysical Data Center, NOAA/NESDIS, E/GC2, 325 Broadway, Boulder, Colorado 80303. Subscription Price for the U.S., Canada and Mexico: \$70.00 annually for both Part I (Prompt Reports) and Part II (Comprehensive Reports) or \$35.00 annually for either part. Annual supplement containing explanation is included. For foreign mailing \$90.00 for both parts or \$45.00 for either part. We now require prepayment for all orders. Please include with your request a check or money order payable in U.S. currency to the Department of Commerce, NOAA/NGDC. Any bank charges should be paid by the subscriber. Payment may be made through an American Express, Mastercard or VISA credit cards. Please include the correct name of credit card holder, card number and expiration date. Prices are subject to change. UNESCO coupons acceptable.

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S O L A R - G E O P H Y S I C A L D A T A

NUMBER 486

(Issued in Two Parts)

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Published with partial support from NASA (W-15,519) and NSF (ATM-8318491).

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*Solar radio noise bursts observed at Athens, Learmonth, Manila, Palehua and Sagamore Hill during Aug 1979 through Oct 1980 appear in SOLAR-GEOPHYSICAL DATA, No. 461, Part II, pages 103-235.

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Aug 84

CARTE SYNOPTIQUE

ACTIVE REGIONS CARRINGTON ROTATION 1752

(13 August to 10 September 1984)

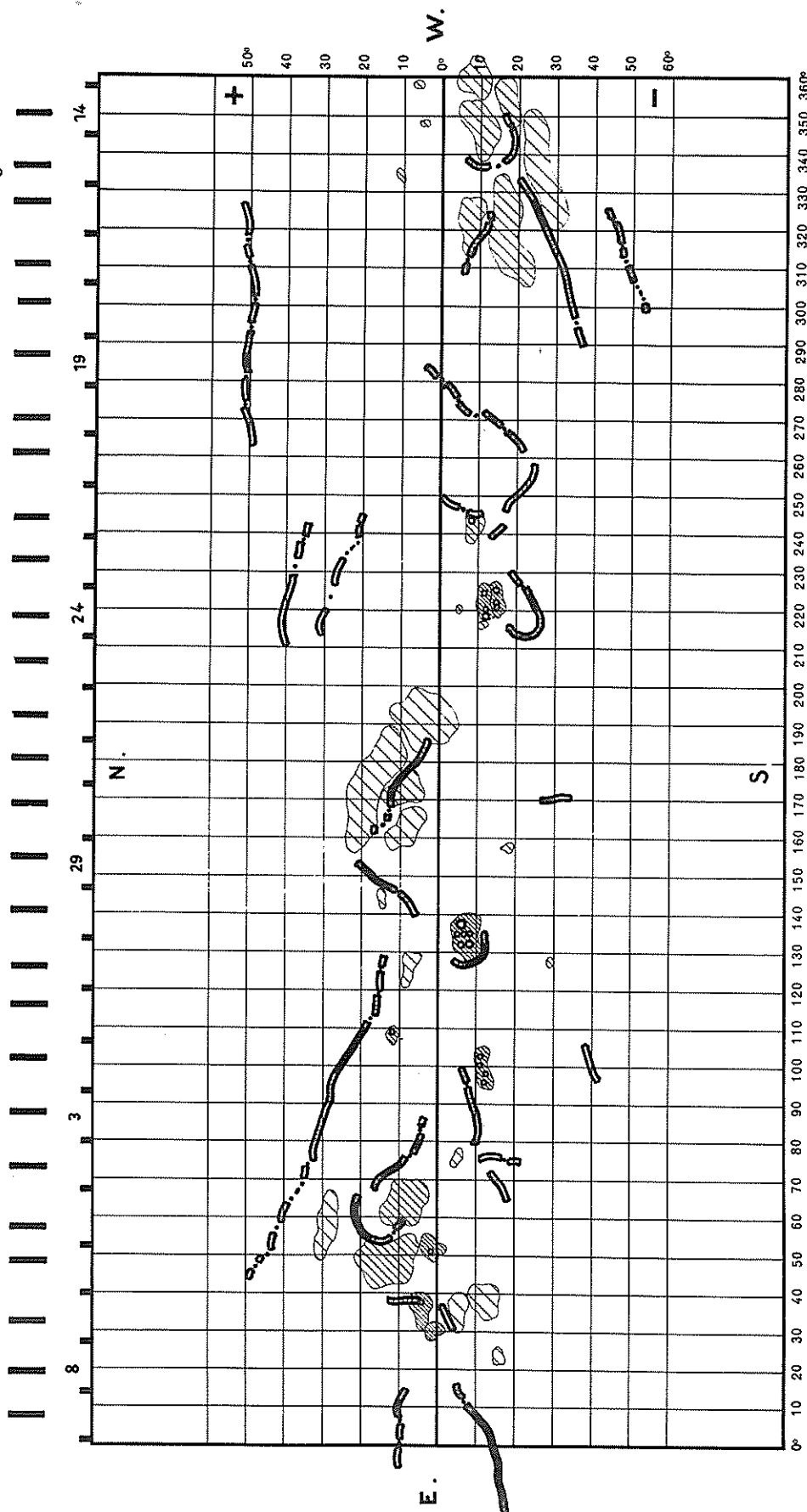
Region No.	Coordinates Lat. Long.	Imp	Age at CMP (Days)	Spotless Region	Region No. in Rotation 1751	Activity at West Limb
1	8°S 360	1	>6	x		dispersed
2	16°S 354	1	>6	x		dispersed
3	10°S 347	1	>6	x		dispersed
4	11°N 334	1	+1	x		disappeared
5	7°S 322	1	>6	x	4	dispersed
6	16°S 320	1	>6	x	3 + 5	dispersed
7	8°S 242	3	>6			decreasing
8	14°S 223	3	>6			decreasing
9	11°S 222	3	+5			decreasing
10	11°S 216	1	-3	x		disappeared
11	10°N 172	1	>6	x	14	decreasing
12	18°S 157	1	-2	x		decreasing
13	6°S 134	4	+5			decreasing
14	8°N 125	1	>6	x		disappeared
15	12°N 108	2	-4			stable
16	11°S 100	2	-1			decreasing
17	5°S 75	1	>6	x		disappeared
18	9°N 64	1	>6	x		dispersed
19	2°N 51	2	>6			dispersed
20	14°N 48	1	>6	x		dispersed
21	5°N 36	2	>6			decreasing
22	1°N 30	1	>6	x		dispersed
23	16°S 23	1	+3	x		disappeared

CARTE SYNOPTIQUE

CARRINGTON ROTATION NUMBER 1752
(August 13 to September 10, 1984)

Meudon Observatory

August 1984



Heliographic Longitude

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Aug 84

SOLAR RADIO EMISSION OUTSTANDING OCCURRENCES

AUGUST 1984

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 ⁻²² W/m ² Hz)	Mean (2 Hz)	Int	Remarks
01	245	LEAR	43 NS	0544.5	0618.1	36.3	88.0			QL=1 ST=2 TYP=1
	610	LEAR	43 NS	0544.6	0550.6	7.5	7.0			QL=1 ST=2 TYP=1
	410	LEAR	43 NS	0544.6	0553.1	35.4	13.0			QL=1 ST=2 TYP=1
	610	SGMR	47 GB	1407.1	1407.1	.5	78.0			QL=6 ST=3 TYP=5
02	9400	TYKW	5 S	0050.3	0051.0	2.0	6.0	2.0		
	430	KRAK	47 GB	0905.0	0906.0	5.5	350.00	50.0		
	810	KRAK	8 S	0940.2	0940.5	.6	7.0			
	430	KRAK	8 S	0941.0	0941.0	.2	8.0			
	430	KRAK	8 S	0951.3	0951.5	.4	13.0			
	810	KRAK	8 S	0951.3	0951.5	.2	23.0			
	4995	ATHN	20 GRF	1151.5	1225.5	73.00	21.0			QL=5 ST=2 TYP=2
	1000	TYKW	45 C	2346.5	2346.8	1.0	1.5	.5		
03	208	VORO	40 F	0113.0	0114.0	2.0	100.00			
	2000	TYKW	45 C	0921.5	0921.8	1.5	9.0	1.5		
	430	KRAK	45 C	0953.5	0957.5	7.0	34.0	6.0		
	536	ONDR	8 S	1038.0	1038.0	.2	7.0			
	2800	OTTA	1 S	2210.0	2211.0	2.0	1.6	.8		
	2800	OTTA	21 GRF	2210.0	2215.0	60.0	1.2	.6		
04	9400	TYKW	5 S	0001.0	0003.0	17.0	4.0	1.5		0004-0007 OFF
	810	KRAK	8 S	0937.0	0937.0	.2	10.0			
	430	KRAK	4 S/F	1104.5	1105.5	2.5	8.0	3.0		
	4995	SGMR	4 S/F	2305.3	2306.8	4.0	21.0			QL=1 ST=3 TYP=3
	8800	SGMR	47 GB	2306.6	2308.8	5.4	54.0			QL=1 ST=3 TYP=5
05	500	HIRA	6 S	0034.4	0034.7	1.0	4.0	2.0		WL
	430	KRAK	8 S	0927.0	0927.0	.2	19.0			
06	2840	PEKG	1 S	0045.0	0047.3	5.0	1.7	.7		
	2000	TYKW	5 S	0046.0	0047.2	4.0	1.0	.3		
	3750	TYKW	5 S	0046.0	0047.2	2.5	3.0	1.5		
	2695	PENT	1 S	0046.5	0047.7	1.5	1.6	1.2		
	9395	PEKG	1 S	0048.0	0049.6	4.0	20.8	8.3		
	3750	TYKW	29 PB1	0048.5		7.0	1.0	.5		
	3750	TYKW	5 S	0425.0	0432.0	20.0	1.0	.5		
	260	ONDR	8 S	1152.0	1152.0	.6	13.0			
07	2800	OTTA	240 R	2135.0	2215.0	40.0	1.8	.9		
08	9400	TYKW	5 S	0128.8	0129.1	.9	14.0	5.0		
	260	ONDR	40 F	0921.5	0921.5	8.0	11.0			
	260	ONDR	46 C	1251.5	1251.7	1.0	11.0			
	2800	OTTA	32 ABS	1455.0	1520.0	55.0	-1.8	-.9		
09	33	UPIC	1 S	0538.1	0538.3	.4				
	29	UPIC	1 S	0538.3	0538.4	.4				
	430	KRAK	45 C	0842.5	0853.8	15.0	200.0	40.0		
	204	IZMI	4 S/F	0952.4	0952.6	.3	80.0	40.0		
	536	ONDR	1 S	1025.5	1026.0	1.0	8.0			
	2800	OTTA	1 S	1955.0	1957.0	8.0	1.2	.6		
10	245	PALE	47 GB	0002.1	0002.8	1.0	110.0			QL=6 ST=2 TYP=5
	3750	TYKW	20 GRF	0019.0	0023.0	50.0	1.5	.7		
12	204	IZMI	5 S	0830.3	0830.5	1.2	100.0	50.0		
13	430	KRAK	42 SER	1154.0	1200.0	30.0	28.0			
	430	KRAK		1154.0	1214.6		20.0			
	2800	OTTA	240 R	2035.0	2110.0	35.0	2.2	1.1		
14	3750	TYKW	20 GRF	0650.0	0710.0	100.0	2.0	1.0		
	2000	TYKW	20 GRF	0650.0	0720.0	100.0	1.5	.7		
	29	UPIC	3 S	1051.3	1051.5	.4				
	33	UPIC	2 S/F	1051.5	1051.9	.6				
	29	UPIC	45 C	1106.2	1107.0	1.1				
	33	UPIC	2 S/F	1106.7	1107.0	.4				
	2800	OTTA	21 GRF	1815.0	1835.0	75.0	1.6	.8		
	2800	OTTA	4 S/F	1818.0	1818.5	1.0	11.2	3.0		
	2000	TYKW	21 GRF	2351.0	2400.0	130.0	2.0	1.0		2405-2408 OFF

SOLAR RADIO EMISSION OUTSTANDING OCCURRENCES

7
Aug 84

AUGUST 1984

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 ⁻²² W/m ² Hz)	Mean	Int	Remarks
14	3750	TYKW	21 GRF	2355.0	0004.0	100.0	2.0	1.0		2400-2403 OFF
	2000	TYKW	5 S	2355.0	2355.7	1.5	2.0	.7		
	3750	TYKW	5 S	2355.0	2355.7	2.0	2.0	.7		
	1000	TYKW	45 C	2355.0	2356.0	5.0	1.5	.5		
	2695	PENT	240AR	2355.0	2358.0	3.0	1.4	.7		
	2695	PENT	1 S	2355.5	2356.0	1.5	1.6	.6		
15	2000	TYKW	5 S	0110.0	0112.3	20.0	1.0	.3		
	3750	TYKW	20 GRF	0110.0	0115.0	30.0	1.0	.5		
	245	LEAR	8 S	0833.8	0833.8	.3	49.0			QL=6 ST=2 TYP=3
	410	LEAR	8 S	0833.8	0834.0	.3	30.0			QL=6 ST=2 TYP=3
	245	SGMR	47 GB	1457.3	1457.5	.5	67.0			QL=1 ST=2 TYP=5
16	260	ONDR	8 S	0919.0	0919.1	.5	5.0			
	410	SGMR	8 S	2026.1	2027.0	1.5	18.0			QL=1 ST=2 TYP=3
	410	SGMR	8 S	2256.1	2256.3	.5	23.0			QL=1 ST=2 TYP=3
	245	SGMR	8 S	2256.1	2256.3	.2	17.0			QL=1 ST=2 TYP=3
17	260	ONDR	43 NS	0827.5	1032.0	210.0D	13.0			
	200	HIRA	43 NS	2135.0	2224.0	110.0	6.0	2.0		WR
	1000	TYKW	5 S	2331.9	2332.1	.8	10.0	3.0		
18	9400	TYKW	5 S	0122.0	0122.4	1.5	6.0	1.5		
	245	LEAR	8 S	0813.0	0813.1	.3	19.0			QL=5 ST=2 TYP=3
	410	LEAR	8 S	0813.0	0813.1	.3	17.0			QL=5 ST=2 TYP=3
	245	LEAR	8 S	0838.3	0838.3	.3	32.0			QL=5 ST=2 TYP=3
	410	LEAR	8 S	0838.3	0838.5	.3	23.0			QL=5 ST=2 TYP=3
	1415	SGMR	8 S	1404.6	1404.6	.4	39.0			QL=6 ST=2 TYP=3
	410	SGMR	8 S	1404.6	1404.6	.4	37.0			QL=6 ST=2 TYP=3
	245	SGMR	47 GB	1404.6	1404.6	.5	370.0			QL=6 ST=2 TYP=5
	2695	PENT	21 GRF	2240.0	2320.0	190.0D	5.6			
	3750	TYKW	5 S	2242.0	2242.6	2.0	1.5	.5		
	9400	TYKW	21 GRF	2245.0	2350.0	150.0	10.0	5.0		
	2000	TYKW	21 GRF	2245.0	2350.0	170.0	2.0	1.0		
	3750	TYKW	21 GRF	2245.0	2350.0	180.0	6.0	3.0		
	2695	PENT	1 S	2300.0	2300.5	2.0	8.4			
	9400	TYKW	5 S	2300.3	2300.6	1.0	10.0	3.0		
	2000	TYKW	45 C	2300.3	2300.6	1.7	205.0	10.0		
	3750	TYKW	45 C	2300.3	2300.6	1.7	21.0	6.0		
	3750	TYKW	20 GRF	2302.0	2311.0	40.0	2.0	1.0		
	2000	TYKW	20 GRF	2303.0	2313.0	40.0	2.0	1.0		
20	430	KRAK	46 C	0849.0	0855.8	7.5	290.0D	20.0		
21	500	HIRA	8 S	2140.0	2140.3	.8	2.0			0
22	33	UPIC	2 S/F	0822.2	0822.6	.5				
	29	UPIC	1 S	0822.8	0822.9	.4				
	245	SGMR	8 S	1340.5	1340.6	.3	17.0			QL=1 ST=2 TYP=3
	2800	OTTA	240 R	2125.0	2200.0	35.0	1.4	.7		
24	245	LEAR	8 S	0526.8	0526.8	.3	25.0			QL=1 ST=2 TYP=3
	260	ONDR	40 F	1013.0	1024.5	24.0	4.0			
	2800	OTTA	21 GRF	1435.0	1450.0	45.0	2.0	1.0		
	2800	OTTA	1 S	1443.0	1444.5	6.0	4.6	2.0		
	1415	ATHN	4 S/F	1450.8	1452.1	2.2	11.0			QL=6 ST=2 TYP=3
	2800	OTTA	4 S/F	1451.0	1452.0	3.0	10.6	4.8		
	610	SGMR	8 S	1451.5	1451.8	1.1	35.0			QL=6 ST=3 TYP=3
	2695	ATHN	8 S	1451.5	1452.1	1.5	6.0			QL=6 ST=2 TYP=3
	2695	SGMR	8 S	1451.5	1452.1	1.6	13.0			QL=6 ST=3 TYP=3
	1415	SGMR	8 S	1452.1	1452.1	.2	15.0			QL=6 ST=3 TYP=3
	245	SGMR	49 GB	1547.8	1549.3	1.5	510.0			QL=6 ST=2 TYP=6
	2800	OTTA	240 R	1620.0	1655.0	35.0	1.6	.8		
	2800	OTTA	4 S/F	1738.5	1739.1	1.0	11.2	3.8		
	2800	OTTA	29 PBI	1739.5	1739.5	25.0	1.8	1.0		
	245	SGMR	8 S	1903.8	1904.5	1.3	11.0			QL=6 ST=2 TYP=3
	2800	OTTA	21 GRF	2050.0	2105.0	50.0	4.6	2.0		
	2800	OTTA	2 S/F	2100.0	2102.0	4.0	3.6	1.8		
25	2000	TYKW	20 GRF	0054.0	0059.0	35.0	1.0	.5		
	3750	TYKW	5 S	0057.0	0059.0	25.0	1.0	.5		

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SOLAR RADIO EMISSION OUTSTANDING OCCURRENCES

AUGUST 1984

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 ⁻²² W/m ² Hz)	Mean	Int	Remarks
25	3750	TYKW	5 S	0206.0	0207.2	7.0	1.5	.5		INTERFERENCE
	245	LEAR	8 S	0234.3	0234.6	.7	21.0			QL=6 ST=2 TYP=3
	410	LEAR	8 S	0234.3	0234.6	.7	5.0			QL=6 ST=2 TYP=3
	245	LEAR	8 S	0257.0	0257.5	1.0	13.0			QL=6 ST=2 TYP=3
	2000	TYKW	20 GRF	0405.0	0433.0	100.0	1.5	.7		
	3750	TYKW	20 GRF	0410.0	0415.0	40.0	1.0	.5		
	245	LEAR	8 S	0654.1	0654.3	.9	10.0			QL=5 ST=2 TYP=3
	33	UPIC	1 S	0939.2	0939.3	.4				
	29	UPIC	1 S	0939.6	0939.7	.4				
	260	ONDR	40 F	1003.0	1004.5	7.0	26.0			
	204	IZMI	4 S/F	1005.0	1005.5	1.0	54.0	27.0		
	536	ONDR	8 S	1325.3	1325.3	.2	16.0			
	3750	TYKW	20 GRF	2140.0	2210.0	100.0	1.0	.5		
26	8800	LEAR	20 GRF	0211.8	0216.5	13.5	4.0			QL=6 ST=2 TYP=2
	15400	LEAR	20 GRF	0212.6	0216.8	11.2	3.0			QL=6 ST=2 TYP=2
	3750	TYKW	5 S	0213.0	0214.2	4.0	2.0	.5		INTERFERENCE
	9400	TYKW	5 S	0213.0	0218.0	15.0	4.0	2.0		
	4995	LEAR	20 GRF	0213.6	0216.1	10.5	2.0			QL=6 ST=2 TYP=2
	410	LEAR	8 S	0219.6	0219.8	.2	13.0			QL=6 ST=2 TYP=3
	2000	TYKW	20 GRF	0220.0	0240.0	60.0	1.0	.5		
	245	LEAR	4 S/F	0247.8	0249.0	2.7	10.0			QL=1 ST=2 TYP=3
	500	HIRA	42 SER	0353.0	0354.0	2.0	6.0			0
	500	HIRA	8 S	0418.9	0419.6	.9	42.0			WR
	410	LEAR	8 S	0419.5	0419.6	.1	10.0			QL=6 ST=2 TYP=3
	1000	TYKW	45 C	0419.5	0419.7	1.0	3.0	.7		
	500	HIRA	8 S	0436.0	0436.3	.4	50.0			0
	2950	GORK	20 GRF	0520.0	0542.9	240.0	2.0			
	9400	TYKW	21 GRF	0522.0	0541.0	60.0	4.0	2.0		
	3750	TYKW	21 GRF	0522.0	0541.0	60.0	3.0	1.5		
	3750	TYKW	45 C	0522.5	0523.1	2.5	3.0	1.5		
	9400	TYKW	5 S	0522.5	0523.2U	7.0	5.0	1.5		
	9100	GORK	20 GRF	0522.7U	0634.2	240.0D	9.5			
	6100	KISV	45 C	0522.9	0523.3	2.0	7.0			
	6100	KISV		0522.9	0523.8		6.0			
	3750	TYKW	29 PBI	0525.0		6.0	1.0	.5		
	3750	TYKW	20 GRF	0640.0	0702.0	70.0	2.0	1.0		
	536	ONDR	8 S	1318.0	1318.0	.2	26.0			
	2800	OTTA	20 GRF	2205.0	2230.0	115.0	2.2	1.1		
	3750	TYKW	20 GRF	2210.0	2230.0	75.0	2.0	1.0		
	500	HIRA	8 S	2246.1	2246.2	.4	42.0			WL
	500	HIRA	8 S	2307.5	2307.6	.6	11.0			WL
27	2000	TYKW	20 GRF	0105.0	0125.0	100.0	1.0	.5		
	260	ONDR	8 S	0756.0	0756.0	.5	2.0			
	260	ONDR	40 F	1106.5	1110.0	16.0	5.0			
	810	KRAK	42 SER	1218.3	1221.3	21.0	68.0			
	810	KRAK		1218.3	1227.2		65.0			
	810	KRAK		1218.3	1238.3		100.0			
	2800	OTTA	20 GRF	1905.0	1925.0	105.0	1.8	1.0		
28	260	ONDR	43 NS	0635.0	0909.0	180.0D	8.0			
	33	UPIC	43 NS	0643.0		348.2				
	29	UPIC	43 NS	0643.3	1006.9	348.2				
	100	HIRA	8 S	0412.5	0412.5	.8	70.0			0
	245	LEAR	8 S	0412.6	0412.6	.7	31.0			QL=6 ST=2 TYP=3
	200	HIRA	8 S	0412.6	0412.7	.4	89.0			WR
	245	LEAR	8 S	0716.6	0717.1	1.0	13.0			QL=6 ST=2 TYP=3
	204	IZMI	4 S/F	0716.6	0717.2	1.5	2.6	1.3		
	204	IZMI	42 SER	0849.0	0849.8	18.0	39.0			
	260	ONDR	42 SER	0935.8	0936.0	2.3	4.0			
	536	ONDR	40 F	1005.0	1014.2	12.0	12.0			
	260	ONDR	42 SER	1006.0	1015.5	21.5	35.0			
	260	ONDR	40 F	1111.0	1117.0	8.5	3.0			
	260	ONDR	42 SER	1245.5	1251.3	7.3	98.0			
	2800	OTTA	1 S	1521.0	1523.0	7.0	1.0	.5		
	2800	OTTA	1 S	1957.0	1959.0	8.0	.8			
	245	PALE	47 GB	2020.6	2021.8	1.7	55.0			QL=6 ST=2 TYP=5
	410	PALE	8 S	2021.8	2021.8	.5	35.0			QL=6 ST=2 TYP=3
	2800	OTTA	20 GRF	2140.0	2200.0	50.0	1.6	1.0		
29	33	UPIC	43 NS	0612.5		567.7				

SOLAR RADIO EMISSION OUTSTANDING OCCURRENCES

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AUGUST 1984

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density Peak (10 ⁻²² W/m ² Hz)	Mean	Int	Remarks
29	29	UPIC	43 NS	0612.7	1054.5	567.8				
	260	ONDR	44 NS	0618.0E	1054.5	445.5D	54.0			
	3750	TYKW	5 S	0036.0	0040.0	17.0	3.0	1.5		
	3750	TYKW	5 S	0133.0	0135.0	11.0	1.0	.5		
	2000	TYKW	5 S	0214.0	0217.5	14.0	2.0	.7		
	3750	TYKW	5 S	0215.0	0217.0	12.0	2.0	.7		INTERFERENCE
	3750	TYKW	5 S	0442.0	0442.8	2.0	1.5	.5		
	245	LEAR	8 S	0555.8	0556.1	1.5	13.0			QL=1 ST=2 TYP=3
	3750	TYKW	20 GRF	0712.0	0717.0	30.0	2.0	1.0		
	810	KRAK	41 F	0851.0	0900.0	15.0	52.0			
	245	LEAR	4 S/F	0854.1	0856.1	2.2	26.0			QL=5 ST=2 TYP=3
	204	IZMI	41 F	1001.0	1003.1	2.5	400.0			
	6100	KISV	1 S	1019.3	1019.9	2.0	3.0			
	200	GORK	4 S/F	1053.3	1054.7	3.4	300.0			
	204	IZMI	5 S	1054.0	1054.5	1.0	200.0	100.0		
	100	GORK	8 S	1054.1	1054.4	1.5	960.0			
	2800	OTTA	20 GRF	1135.0	1235.0	145.0	2.0	1.0		
	245	SGMR	8 S	1256.8	1257.0	.7	10.0			QL=6 ST=3 TYP=3
	245	PALE	8 S	2148.3	2148.5	.5	25.0			QL=6 ST=2 TYP=3
	2695	PENT	240 R	2230.0	2305.0	35.0	1.6	.8		
	3750	TYKW	5 S	2322.5	2323.3	1.5	3.0	1.5		
	3750	TYKW	29 PBI	2324.0		10.0	1.0	.5		
30	260	ONDR	43 NS	0620.0	0756.0	345.0D	12.0			
	245	LEAR	8 S	0042.1	0042.3	.9	32.0			QL=6 ST=2 TYP=3
	245	PALE	8 S	0042.3	0042.3	.3	38.0			QL=6 ST=2 TYP=3
	245	LEAR	8 S	0155.3	0155.6	.7	18.0			QL=6 ST=2 TYP=3
	245	LEAR	8 S	0317.1	0318.0	1.0	24.0			QL=6 ST=2 TYP=3
	410	LEAR	4 S/F	0500.6	0500.8		1.0			QL=6 ST=2 TYP=3
	610	LEAR	8 S	0500.8	0500.8	.3	5.0			QL=6 ST=2 TYP=3
	245	LEAR	8 S	0500.8	0500.8	.2	2.0			QL=6 ST=2 TYP=3
	245	LEAR	47 GB	0513.8	0514.6	1.5	75.0			QL=1 ST=2 TYP=5
	200	HIRA	42 SER	0514.3	0514.6	6.1	150.0			WR
	100	HIRA	46 C	0514.4	0514.5	.8	205.0	57.0		WR
	410	LEAR	8 S	0514.6	0514.8	.2	1.0			QL=1 ST=2 TYP=3
	245	LEAR	8 S	0519.8	0520.1	1.0	20.0			QL=1 ST=2 TYP=3
	245	LEAR	8 S	0552.6	0552.8	.2	28.0			QL=1 ST=2 TYP=3
	204	IZMI	41 F	0705.0	0710.4	8.0	330.0			
	200	HIRA	41 F	0710.3	0710.4	1.7	46.0			WR
	245	LEAR	8 S	0756.0	0756.1	.5	36.0			QL=6 ST=2 TYP=3
	33	UPIC	45 C	1032.4	1032.4	.8				
	29	UPIC	45 C	1032.5	1032.8	.7				
	2800	OTTA	20 GRF	1505.0	1510.0	15.0	1.6	.8		
	2800	OTTA	20 GRF	1535.0	1545.0	25.0	1.0	.5		
	245	SGMR	8 S	1543.8	1544.1	.5	13.0			QL=5 ST=3 TYP=3
	410	SGMR	8 S	1543.8	1544.1	.5	9.0			QL=5 ST=3 TYP=3
	2800	OTTA	20 GRF	1740.0	1750.0	20.0	1.0	.5		
	245	SGMR	8 S	1749.1	1749.3	.4	26.0			QL=6 ST=3 TYP=3
	2695	PENT	20 GRF	1935.0	2000.0	85.0	1.6	.8		
	200	HIRA	41 F	2212.6	2213.7	3.2	340.0			0
	100	HIRA	41 F	2212.6	2213.9	2.7	360.0			0
	1000	TYKW	5 S	2213.6	2213.8	.5	5.0	1.0		
	500	HIRA	46 C	2213.7	2214.0	1.8	38.0	8.0		WR
	245	PALE	47 GB	2213.8	2214.0	.5	169.0			QL=6 ST=2 TYP=5
	410	SGMR	47 GB	2213.8	2214.0	.5	160.0			QL=6 ST=2 TYP=5
	410	PALE	47 GB	2213.8	2214.0	.5	200.0			QL=6 ST=2 TYP=5
	245	SGMR	47 GB	2213.8	2214.0	1.8	130.0			QL=6 ST=2 TYP=5
	245	SGMR	8 S	2227.0	2227.1	.3	19.0			QL=6 ST=2 TYP=3
	2695	PENT	21 GRF	2320.0	2330.0	30.0	1.6	.8		
	2695	PENT	1 S	2324.0	2325.0	2.0	1.6	.8		
	2000	TYKW	5 S	2324.0	2325.0	3.0	2.0	.7		
	3750	TYKW	5 S	2324.0	2325.1	2.0	3.5	1.5		
	3750	TYKW	29 PBI	2326.0		25.0	1.5	.7		
31	260	ONDR	43 NS	0856.0		187.0D	12.0			
	430	KRAK	43 NS	1045.0		130.0D	20.0	6.0		
	245	LEAR	4 S/F	0015.8	0015.8	4.5	42.0			QL=6 ST=2 TYP=3
	245	PALE	8 S	0018.6	0018.8	.5	37.0			QL=6 ST=2 TYP=3
	245	PALE	47 GB	0034.1	0034.3	.2	78.0			QL=6 ST=2 TYP=5
	3750	TYKW	20 GRF	0132.0	0144.0	40.0	2.0	1.0		
	2000	TYKW	20 GRF	0134.0	0143.0	45.0	2.0	1.0		

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SOLAR RADIO EMISSION OUTSTANDING OCCURRENCES

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Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density		Int	Remarks
							Peak (10 -22	Mean W/m 2 Hz)		
31	3750	TYKW	5 S	0218.0	0224.7	16.0	4.0	1.5U		INTERFERENCE
	100	HIRA	42 SER	0220.0	0224.0	10.5	2000.0			0
	1000	TYKW	45 C	0222.5	0224.1	2.5	11.0	1.5		
	200	HIRA	46 C	0223.0	0224.0	1.9	370.0	105.0		WR
	245	LEAR	47 GB	0223.1	0224.1	4.7	139.0			QL=6 ST=2 TYP=5
	410	LEAR	47 GB	0223.1	0227.3	5.0	110.0			QL=6 ST=2 TYP=5
	610	LEAR	4 S/F	0223.3	0227.3	4.8	38.0			QL=6 ST=2 TYP=3
	500	HIRA	46 C	0223.5	0223.9	1.5	90.0	15.0		WR
	245	PALE	47 GB	0223.5	0224.1	1.8	150.0			QL=6 ST=2 TYP=5
	2000	TYKW	45 C	0223.5	0224.5	1.5	46.0	4.0		
	610	PALE	8 S	0223.8	0224.0	.5	36.0			QL=6 ST=2 TYP=3
	410	PALE	47 GB	0223.8	0224.0	.5	94.0			QL=6 ST=2 TYP=5
	2695	LEAR	8 S	0224.1	0224.5	.5	17.0			QL=6 ST=2 TYP=3
	2000	TYKW	29 PBI	0225.0		10.0	1.0	.5		
	500	HIRA	46 C	0227.1	0227.3	1.0	115.0	20.0		WR
	610	PALE	8 S	0227.3	0227.3	.3	40.0			QL=6 ST=2 TYP=3
	410	PALE	47 GB	0227.3	0227.3	.3	90.0			QL=6 ST=2 TYP=5
	1000	TYKW	45 C	0227.3	0227.5	1.0	8.0	1.0		
	245	PALE	47 GB	0227.3	0227.5	.5	100.0			QL=6 ST=2 TYP=5
	245	PALE	8 S	0253.8	0254.1	.5	25.0			QL=6 ST=2 TYP=3
	204	IZMI	42 SER	0607.0	0626.0	30.0	250.0			
	29	UPIC	42 SER	0615.1	0625.2	10.3U				
	33	UPIC	42 SER	0615.1	0625.4	11.5				
	245	LEAR	8 S	0617.1	0617.3	.4	24.0			QL=6 ST=2 TYP=3
	410	LEAR	8 S	0617.1	0617.3	.4	17.0			QL=6 ST=2 TYP=3
	245	LEAR	47 GB	0625.1	0625.6	.7	119.0			QL=6 ST=2 TYP=5
	9100	GORK	20 GRF	1023.8	1103.7	96.0D	5.0			
	2950	GORK	22 GRF	1024.0	1037.8	57.0	2.5			
	6100	KISV	20 GRF	1034.0	1038.8	25.0	4.0			
	2800	OTTA	22 GRF	1340.0	1520.0	145.0	1.8			
	2800	OTTA	20 GRF	1655.0	1700.0	35.0	1.4	.7		
	1000	TYKW	5 S	2247.5	2247.6	.8	1.5	.5		

Reports are received routinely from the following observatories:

ATHN = Athens	HUAN = Huancayo	NAGO = Nagoya	POTS = Potsdam
BERN = Berne	IRKU = Irkutsk	NOBE = Nobeyama	SAOP = Sao Paulo
BORD = Bordeaux	IZMI = IZMIRAN	ONDR = Ondrejov	SGMR = Sagamore Hill
CRIM = Crimea	KISV = Kislovodsk	OTTA = Ottawa	TORN = Torun
DWIN = Dwingeloo	KRAK = Krakow	PALE = Palehua	TYKW = Toyokawa
GORK = Gorky	LEAR = Learmonth	PEKG = Peking	TRST = Trieste
HIRA = Hiraiso	MANI = Manila	PENT = Penticton	UPIC = Upice
			VORO = Voroshilov

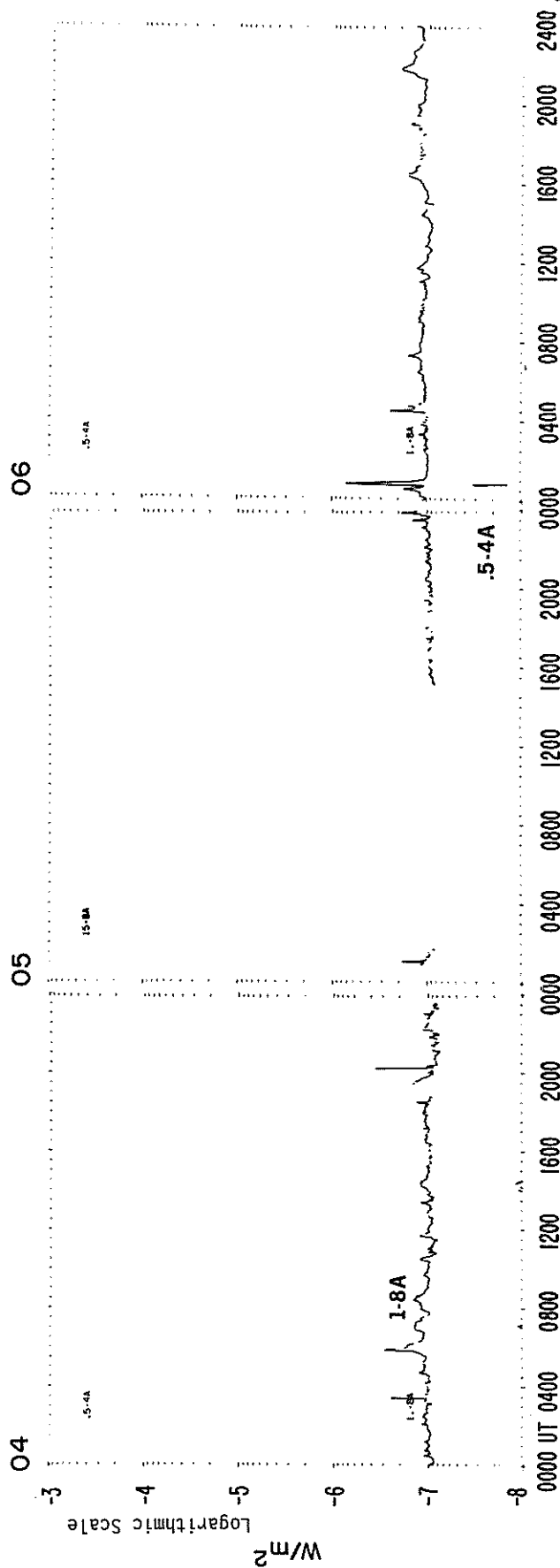
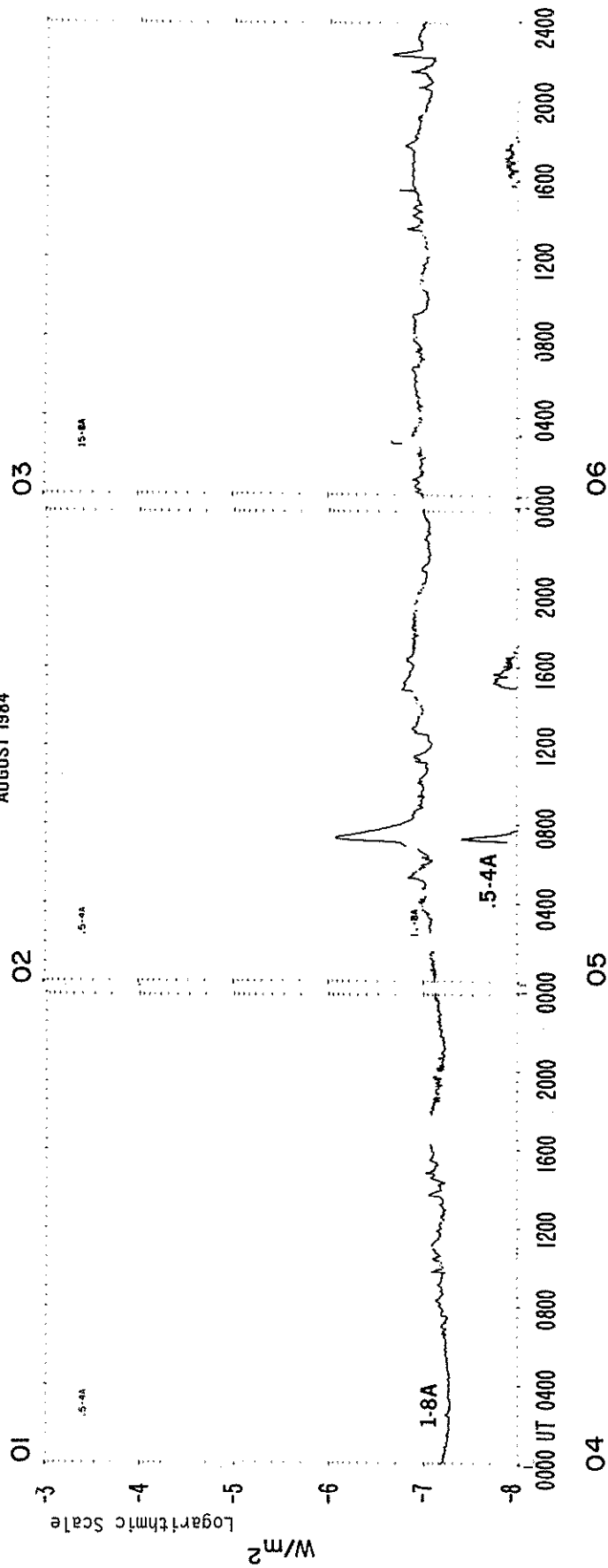
Explanation of Type Code:

1 Simple 1	7 Minor +	24 Rise	30 Post Burst Increase A	43 Onset of Noise Storm
2 Simple 1F	8 Spike	25 Rise A	31 Post Burst Decrease	44 Noise Storm In Progress
3 Simple 2	20 Simple 3	26 Fall	33 Absorption	45 Complex
4 Simple 2F	21 Simple 3A	27 Rise and Fall	40 Fluctuation	46 Complex F
5 Simple	22 Simple 3F	28 Precursor	41 Group of Bursts	47 Great Burst
6 Minor	23 Simple 3AF	29 Post Burst Increase	42 Series of Bursts	48 Major
				49 Major +

1A Simple 1A	4A Simple 2AF	24PF Post Rise F	27F Rise and Fall F
3A Simple 2A	240 Rise only	16A Fall A	27AF Rise and Fall AF
21A Simple 3A GRF	240F Rise only F	260 Fall Only	31A Post Burst Decrease A
2A Simple 1AF	24P Post Rise	26F Fall F	32A Absorption A
			46F Complex F

SMS-GOES X-RAYS

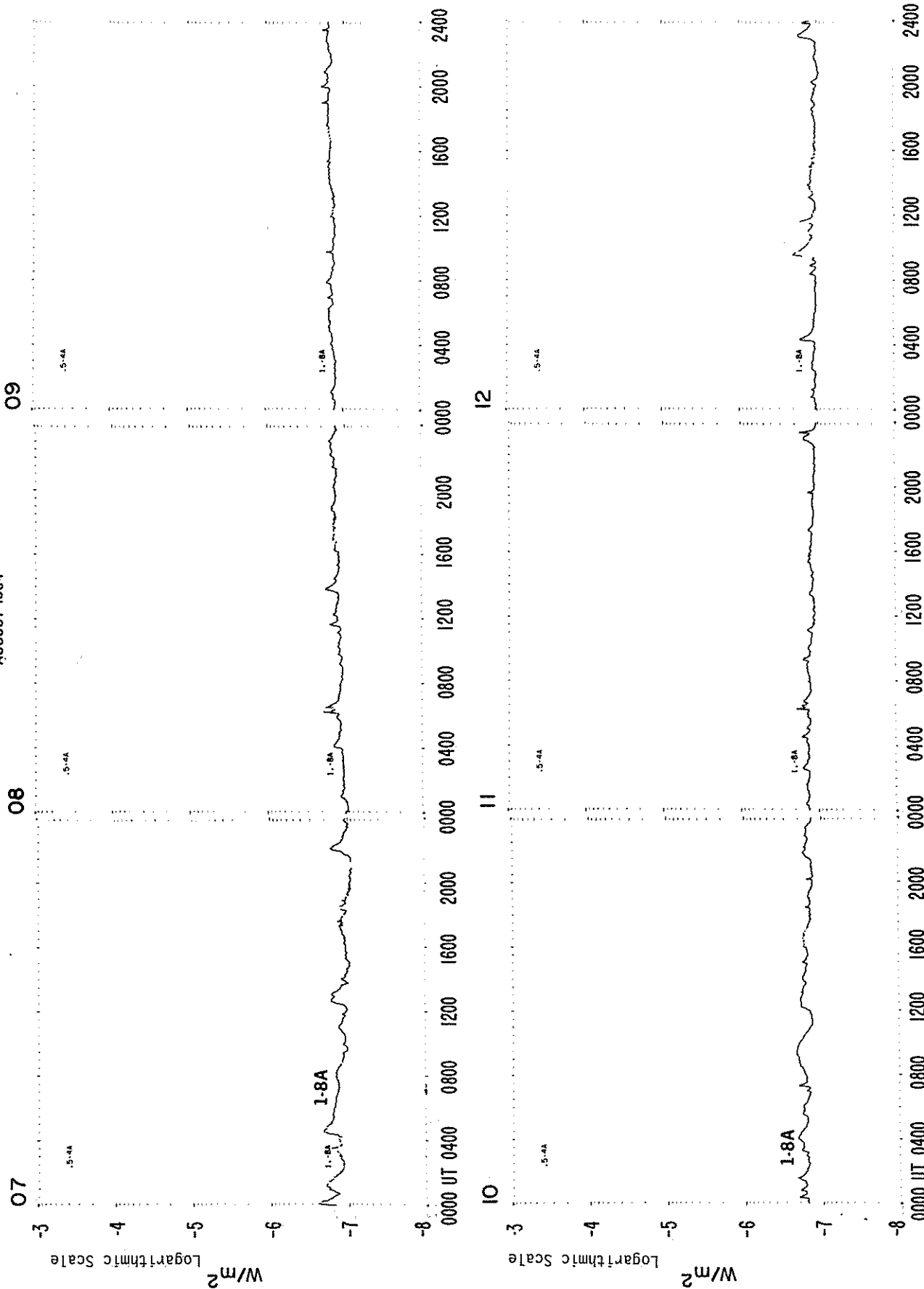
AUGUST 1984



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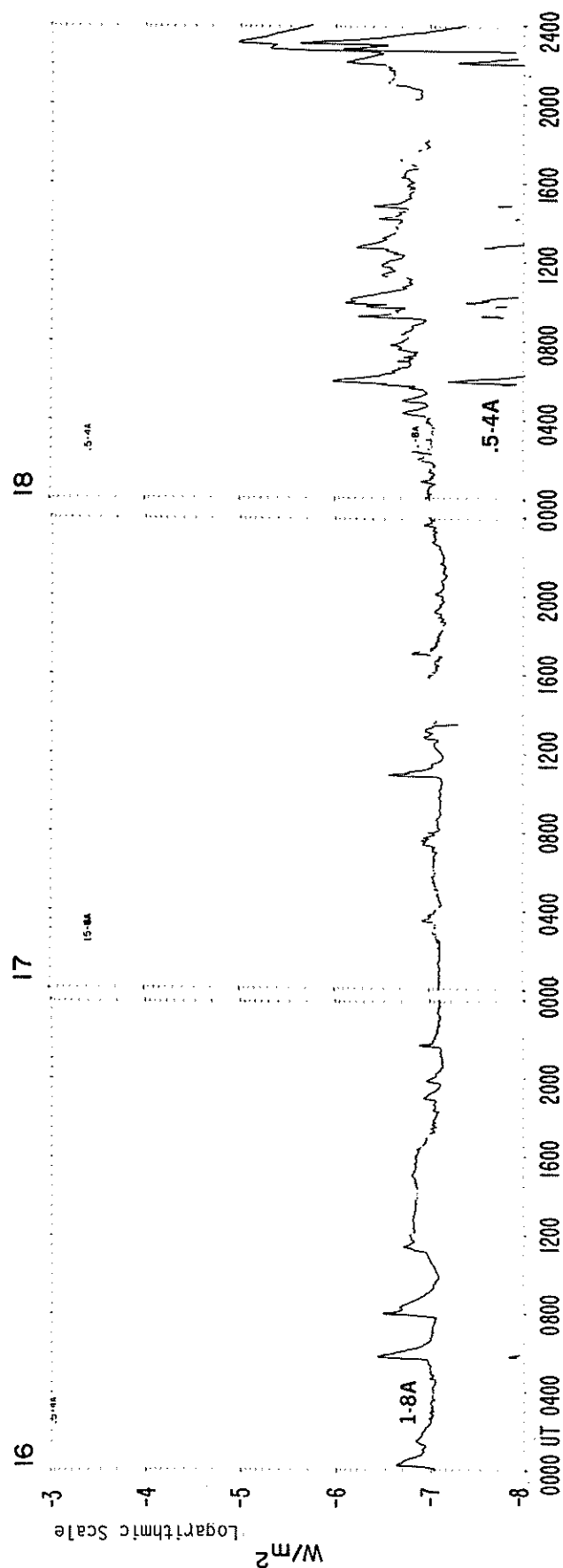
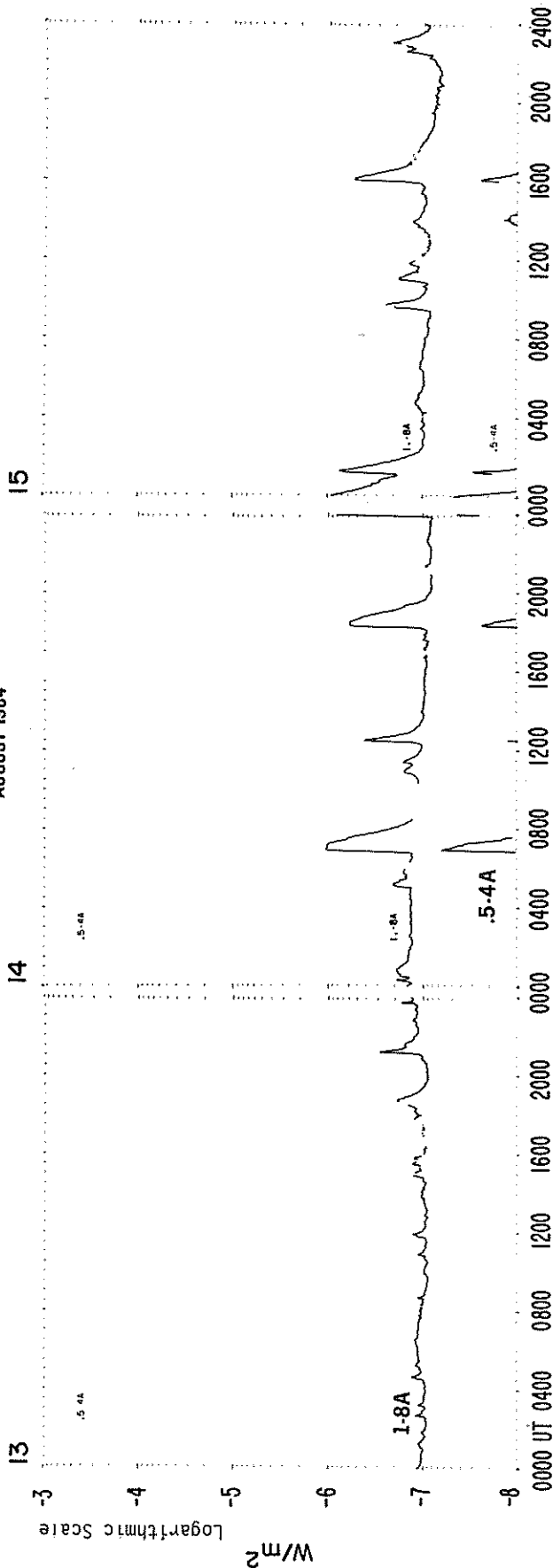
SMS-GOES X-RAYS

AUGUST 1984



SMS-GOES X-RAYS

AUGUST 1984

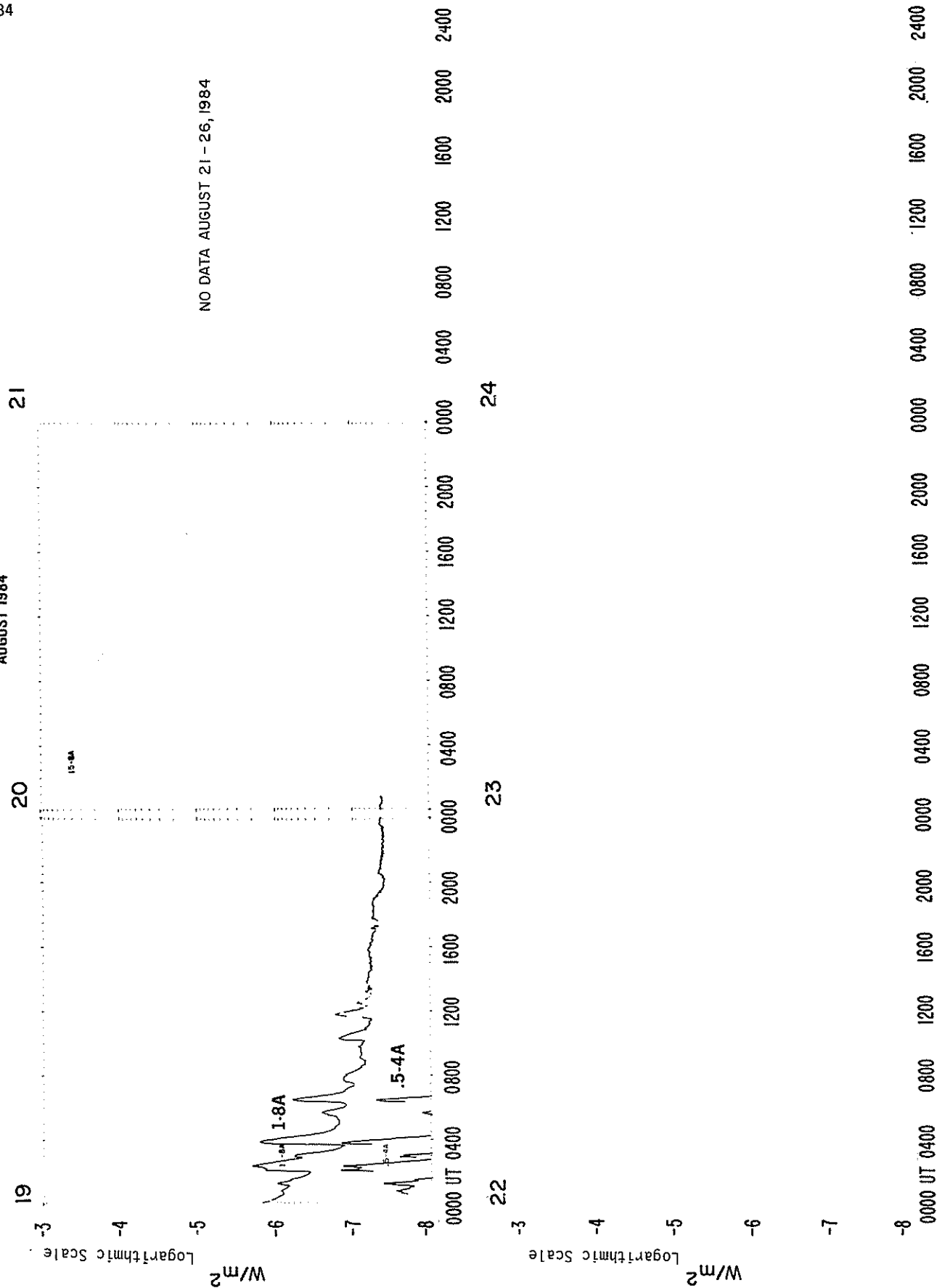


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Aug 84

14
Aug 84

SMS-GOES X-RAYS

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Aug 84

SMS-GOES X-RAYS

AUGUST 1984

25

26

27

Logarithmic Scale
 W/m^2

-3

-4

-5

-6

-7

-8

0000 UT 0400 0800 1200 1600 2000 2400

1.8A

1.8A

.5-4A

28

29

30

Logarithmic Scale
 W/m^2

-3

-4

-5

-6

-7

-8

1.8A

.5-4A

.5-4A

1.8A

.5-4A

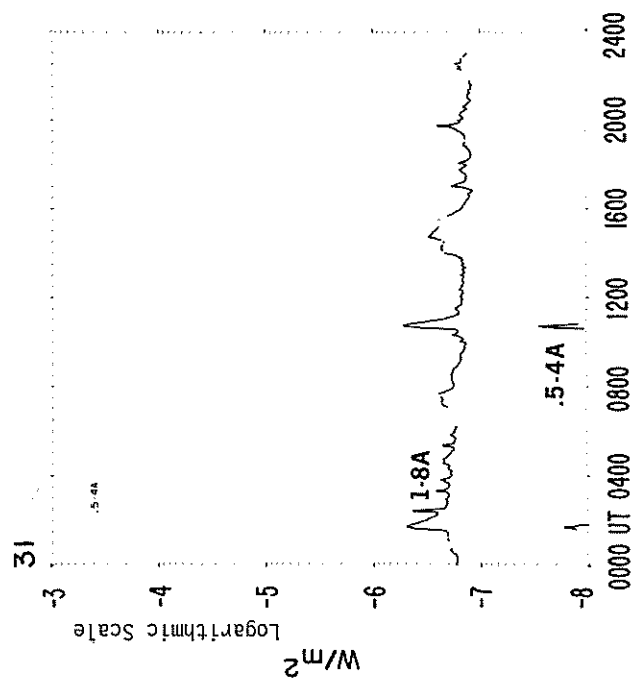
1.8A

0000 UT 0400 0800 1200 1600 2000 2400

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SMS-GOES X-RAYS

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MASS EJECTIONS FROM THE SUN

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Aug 84

AUGUST 1984

Sta	Day	Observed UT			Location		Freq or Wavelength	Kind of Event
		Start	Max	End	RA°	R/R ₀		
KHAR	Aug 05	0935	E	0940	D 083	0.86	H-alpha	S
VORO	Aug 05	2226	E 2244	U 2353	D 270	0.74	H-alpha	S
VORO	Aug 06	0032	E 0037	U 0042	D 274	1.000	H-alpha	S
KHAR	Aug 11	0809	E 0809	U 0920	D 279	1.00	H-alpha	S
KHAR	Aug 11	0820	E	0846	D 264	1.00	H-alpha	S
KHAR	Aug 18	0836	E	0857	D 275	1.00	H-alpha	S
KHAR	Aug 18	0906	E 0910	U 0924	D 275	1.00	H-alpha	S
KHAR	Aug 18	0947	E 0947	U 1007	D 275	1.00	H-alpha	S
KHAR	Aug 18	1020	E 1027	U 1045	D 275	1.00	H-alpha	S

QUALIFIERS ON START, MAX AND END TIMES

D = event ended after tabulated time
 E = event began before the tabulated time
 U = uncertain time

REPORTING STATIONS

KHAR = Kharkov
 VORO = Voroshilov

TYPE OF EVENT

A = eruptive active region prominence
 CB = coronal cloud bubble
 D = coronal depletions
 E = coronal enhancement
 EL = coronal expanding loop
 II = Type II radio burst
 IVm = moving Type IV radio burst
 Q = eruptive quiescent prominence
 R = coronal ray or streamer
 S = flare-surge if there is a known flare association
 SP = flare-spray if there is a known flare association
 * = movement may be caused by ionospheric refraction

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Aug 84

ACTIVE PROMINENCES AND FILAMENTS

AUGUST 1984

Type	Day	Observed Start	UT End	Lat CMD	Imp	Obs Type	Sta	Remarks
SDF	Aug 01	1145E	0625D	S14 W45	1	P	CATA	
BSL	Aug 02	0650	0730	S02 W90	1-	P	CATA	
BSL	Aug 02	0800	0820	N12 E90	1	P	CATA	
BSL	Aug 02	0825	0845	N13 E90	1	P	CATA	
BSL	Aug 02	1020	1025	N28 E90	1-	P	CATA	
BSL	Aug 03	0735	0745	S25 W90	1-	P	CATA	
BSL	Aug 03	0855	0905	N18 W90	1-	P	CATA	
BSL	Aug 04	0645	0655	S63 W90	1-	P	CATA	
ASR	Aug 04	0750	1400	S42 E90		V	ATHN	
BSL	Aug 04	0835	0900	S08 W90	1-	P	CATA	
ASR	Aug 04	0950	1208	S26 E90		V	ATHN	
BSL	Aug 04	0950	1010	N06 E90	1	P	CATA	
ASR	Aug 04	1001	1208	S05 E90		V	ATHN	
ASR	Aug 04	1121	1400	N20 W20		V	ATHN	
BSL	Aug 04	1135	1145D	N38 W90	1-	P	CATA	
SDF	Aug 05	0332	0340*	S23 E17	2	C	CULG	.2 R.
SDF	Aug 05	0332	0340*	S08 E32	1	C	CULG	.08 R, partial.
SDF	Aug 05	0332	0340*	N12 E68	1	C	CULG	.07 R.
BSL	Aug 05	0700	0715	S10 W90	1-	P	CATA	
BSL	Aug 05	0705	0715	S56 W90	1-	P	CATA	
BSL	Aug 05	0720	0730	S70 E90	1-	P	CATA	
APR	Aug 05	0723	1400	N19 W90		V	ATHN	
APR	Aug 05	0723	1400	S10 W90		V	ATHN	
BSL	Aug 05	0955	1010D	S13 E90	1-	P	CATA	
BSL	Aug 05	1100	1110	N05 E90	1-	P	CATA	
ASR	Aug 05	1101	1400	N10 E90		V	ATHN	
BSL	Aug 05	1120	1135	N05 E90	1-	P	CATA	
APR	Aug 05	1202	1400	N21 W90		V	ATHN	
ASR	Aug 05	1219	1400	S05 E90		V	ATHN	
BSL	Aug 06	1135	1140D	N73 E90	1-	P	CATA	
DSD	Aug 06	2125	2140	S18 W21	1	C	CULG	.07 R.
AFS	Aug 07	0600	1400	N08 E37		V	ATHN	
ASR	Aug 07	0830	1400	S05 E90		V	ATHN	
BSL	Aug 07	0835E	0845D	N60 E90	1-	P	CATA	
DSD	Aug 07	2140	2157	N02 E25	1	C	CULG	
ASR	Aug 08	0620	1400	S15 E90		V	ATHN	
BSL	Aug 08	0625E	0700	N33 E90	1-	P	CATA	
BSL	Aug 08	0725	0730	S15 W90	1-	P	CATA	
BSL	Aug 08	0820	0830	N08 W90	1-	P	CATA	
BSL	Aug 08	0825	0830	N63 E90	1-	P	CATA	
BSL	Aug 08	0825	0830	S73 E90	1-	P	CATA	
BSL	Aug 09	0720	0730	N14 W90	1-	P	CATA	
APR	Aug 09	0730	1400	S25 E90		V	ATHN	
ADF	Aug 09	0730	1400	S08 W13		V	ATHN	
ASR	Aug 09	0730	1400	S30 E90		V	ATHN	
APR	Aug 09	0755	1400	N20 W90		V	ATHN	
BSL	Aug 09	0920	0925	S20 W90	1-	P	CATA	
BSL	Aug 09	1050	1055	N63 E90	1-	P	CATA	
BSL	Aug 09	1050	1055	S71 E90	1-	P	CATA	
SDF	Aug 09	1140E	0610D	N38 W04	1	P	CATA	
APR	Aug 10	0627	1400	N09 W90		V	ATHN	
ASR	Aug 10	0628	1400	N39 E90		V	ATHN	
ASR	Aug 10	0629	1400	N17 E90		V	ATHN	
APR	Aug 10	0630	1400	N28 E90		V	ATHN	
APR	Aug 10	0631	1400	N42 E90		V	ATHN	
ADF	Aug 10	0648	1400	S07 W22		V	ATHN	
BSL	Aug 10	1110	1125	S07 W90	1	P	CATA	

* End time 0340 UT refers to the next day (6 August).

ACTIVE PROMINENCES AND FILAMENTS

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Aug 84

AUGUST 1984

Type	Day	Observed Start	UT End	Lat CMD	Imp	Obs Type	Sta	Remarks
SDF	Aug 11	0455	0010	S06 W23	2	C	CULG	2 sections, .06 R and .1 R.
ASR	Aug 11	0810	1148	N09 W90		V	ATHN	
BSL	Aug 11	1055	1105	S05 W90	1-	P	CATA	
ASR	Aug 12	0600	1400	S28 E90		V	ATHN	.3 R.
BSL	Aug 12	0800	0810	S08 W90	1-	P	CATA	
AFS	Aug 12	0806	0936	N03 E06		V	ATHN	
SDF	Aug 12	2318	0329	S12 E16	3	C	CULG	
SDF	Aug 13	0423	0126	S28 E57	2	C	CULG	
ASR	Aug 13	0630	1400	S45 E90		V	ATHN	.2 R.
ASR	Aug 13	0630	1400	S52 E90		V	ATHN	
ASR	Aug 13	0630	1400	S15 E90		V	ATHN	
ASR	Aug 13	0630	1400	S08 E90		V	ATHN	
APR	Aug 13	0630	1400	N38 W90		V	ATHN	
APR	Aug 13	0630	1400	N05 W90		V	ATHN	
ADF	Aug 13	0930	1400	S30 E30		V	ATHN	
BSL	Aug 14	0620	0630	N85 E90	1-	P	CATA	
APR	Aug 14	0700	0830	N08 W90		V	ATHN	.12 R.
APR	Aug 14	0700	0830	N40 W90		V	ATHN	
ASR	Aug 14	0700	0830	S30 E90		V	ATHN	
APR	Aug 14	0700	0830	S18 E90		V	ATHN	
APR	Aug 15	0610	1400	S06 W90		V	ATHN	
ASR	Aug 15	0610	1400	S04 W90		V	ATHN	.16 R.
BSL	Aug 15	0615	0645	S02 W90	1	P	CATA	
SDF	Aug 15	2200	2235	S09 W03	1	C	CULG	
SDF	Aug 16	0556	0650	S18 W13	2	C	CULG	.12 R.
SDF	Aug 16	0830E	0630D	S17 W03	1	P	CATA	
SDF	Aug 16	0830E	0630D	N02 W27	1	P	CATA	
SDF	Aug 16	0830E	0630D	N32 W27	1	P	CATA	
BSL	Aug 16	0910	0925	S31 W90	1-	P	CATA	
BSL	Aug 16	0920	0935	S62 E90	1-	P	CATA	
DSD	Aug 17	0737	0805	N03 W69	1	C	WEND	B, X1.
DSD	Aug 17	0840	0900	N04 W70	1	P	CATA	
DSD	Aug 17	1000E	1055	N03 W72	1-	P	CATA	
BSL	Aug 17	1055	1135	S20 W90	1-	P	CATA	
DSD	Aug 17	1105	1125	N03 W73	1	P	CATA	
BSL	Aug 17	1125	1135	S55 W90	1-	P	CATA	
BSL	Aug 18	0010	0043	N06 W87	1	C	CULG	.05 R.
BSL	Aug 18	2252	2330	N03 W88	1	C	CULG	
BSL	Aug 19	0615	0625	N02 W90	1-	P	CATA	.06 R.
BSL	Aug 19	0715	0725D	S85 W90	1-	P	CATA	
BSL	Aug 19	0800	0810	S73 E90	1-	P	CATA	
BSL	Aug 19	0800	0815	S84 W90	1-	P	CATA	
BSL	Aug 19	0825	0835	S83 E90	1-	P	CATA	
BSL	Aug 19	0825	0835	S57 E90	1-	P	CATA	
BSL	Aug 19	0955E	1010	N88 W90	1-	P	CATA	
APR	Aug 20	0735	1400	N27 W90		V	ATHN	P, X1.
BSL	Aug 20	0750	0805	N18 E90	1	P	CATA	
APR	Aug 20	1437	1452	N18 E90	1	C	WEND	
SDF	Aug 21	0624	2137	N41 E38	1	C	CULG	.11 R, Overnight.
SDF	Aug 21	1145E	0705D	N40 E54	1	P	CATA	
DSD	Aug 21	2138	2145	N17 E71	1	C	CULG	.07 R.
BSD	Aug 21	2138	2145	N17 E71	1	C	CULG	

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Aug 84

ACTIVE PROMINENCES AND FILAMENTS

AUGUST 1984

Type	Day	Observed UT		Lat	CMD	Imp	Obs Type	Sta	Remarks
Start	End								
BSL	Aug 22	0247	0300	N11	E89	1	C	CULG	.05 R.
BSL	Aug 22	0730	0756	N23	E90		P	BUCH	
BSL	Aug 22	1035	1045	S85	W90	1-	P	CATA	
APR	Aug 23	0610	1400	N07	E90		V	ATHN	
APR	Aug 23	0615	1400	S40	W90		V	ATHN	
SDF	Aug 23	0615	0711D	S23	E21	2	C	CULG	.17 R, Disappearance continued after patrol ended.
BSL	Aug 23	0805E	0805D	N63	E90	1-	P	CATA	
SDF	Aug 23	0820E	0905D	S24	E11	1	P	CATA	
BSL	Aug 23	0955	1015	S45	E90	1-	P	CATA	
SDF	Aug 23	1145E	0735D	S26	E30	1	P	CATA	
APR	Aug 24	0615	1400	S27	W90		V	ATHN	
AFS	Aug 24	0725	1400	S12	W02		V	ATHN	
BSL	Aug 24	1020	1020D	S09	E90	1	P	CATA	
BSL	Aug 24	1030	1040D	S08	E90	1-	P	CATA	
BSL	Aug 24	1040E	1040D	S10	E90	1-	P	CATA	
AFS	Aug 25	0704	1400	S13	W12		V	ATHN	
APR	Aug 25	0714	1400	S43	W90		V	ATHN	
ASR	Aug 25	0825	1400	S48	W90		V	ATHN	
APR	Aug 25	0855	1400	S03	E90		V	ATHN	
BSL	Aug 25	1100	1110	S25	W90	1-	P	CATA	
BSL	Aug 26	0935	1000D	S55	E90	1-	P	CATA	
AFS	Aug 26	1040	1400	S15	W27		V	ATHN	
BSL	Aug 27	0610	0625	S14	W90	1-	P	CATA	
BSL	Aug 27	1020	1035D	S66	W90	1	P	CATA	
ADF	Aug 29	0735	1400	S16	E23		V	ATHN	
ASR	Aug 29	0735	1045	S13	E90		V	ATHN	
SDF	Aug 30	0400	0630	S03	E22	1	C	CULG	.07 R.
BSL	Aug 30	0850	0855D	N01	W90	1-	P	CATA	
AFS	Aug 30	0905	1400	S16	E08		V	ATHN	
ADF	Aug 30	0906	1400	S13	E04		V	ATHN	
ASR	Aug 30	1348	1400	S11	E90		V	ATHN	
BSL	Aug 30	2213	2245	S20	W87	1	C	CULG	.08 R.
DSD	Aug 31	0228	0250	S05	W08	1	C	CULG	.08 R.
BSL	Aug 31	0630E	0645D	N05	E90	1-	P	CATA	
DSD	Aug 31	0635	0655D	S04	W13	1	P	CATA	
BSL	Aug 31	0850	0905	S48	W90	1-	P	CATA	
EPL	Aug 31	0850	0940	S23	W90	2	P	CATA	
AFS	Aug 31	1110	1400	S04	W08		V	ATHN	

BSL = Bright surge at limb.
ADF = Active dark filament.
AFS = Active filament system.
APR = Active prominence region at limb.

ASR = Active surge region.
DSD = Dark surge on disk.
EPL = Eruptive prominence at limb.
SDF = Sudden disappearance of filament.

ATHN = Athens
BUCA = Bucharest

CATA = Catania
CULG = Culgoora

KODA = Kodaikanal
MANI = Manila

WEND = Wendelstein

For more detail and information about Remarks, see SGD, 480 Part II, pages 59-60, August 1984.

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Mar 82

H - ALPHA SOLAR FLARES

MARCH 1982

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0001		01	0003	0006	0017	N12	E15	3625	03	2.1	14	SN					78	.7	H
	LEAR	01	0003	0008U	0017	N12	E15	3625	03	2.1	14	SN		2	C		96		H
	MANI	01	0005E	0006	0010D	N12	E15	3625	03	2.1	5D	SF		1	V		60	.7	
0002		01	00151	0017	0050	S22	E54	3629	03	5.2	35	SN	C 2.0				42		F
	HOLL	01	0015	0017	0031D	S22	E53	3629	03	5.1	16D	SN		3	C		35		F
	LEAR	01	0016	0017	0050	S22	E54	3629	03	5.2	34	SN	C 2.0	3	C		48		F
0003		01	0203*	0212*	0252	N15	E15	3625	03	2.2	49	SN	C 3.3				92	.9	DEFJK
	YUNN	01	0203	0212	0247	N17	E16	3625	03	2.3	44	SN			C		96	1.1	
	YUNN	01	0203	0239U	0247	N16	E15	3625	03	2.2	44	SN			P	0239	64	.7	FK
	LEAR	01	0204	0215	0257	N14	E15	3625	03	2.2	53	SN		3	C		79		K
	LEAR	01	0204	0240	0257	N14	E15	3625	03	2.2	53	SB	C 3.3	3	C		144		EK
	PEKG	01	0235	0241	0255	N16	E15	3625	03	2.2	20	SN			C	0241	84	1.0	F
	VORO	01	0239	0240	0249	N17	E17	3625	03	2.4	10	SN			C	0240	72	.8	DJ
	PURP	01	0242	0243	0243D	N15	E15	3625	03	2.2	1D	SF			P	0243	106	1.2	
		01	0440	0446	0452	N16	E05	3625	03	1.6	12	SN					104	1.2	EJ
0004	PEKG	01	0440	0446	0452	N16	E05	3625	03	1.6	12	SF			P	0446	118	1.3	E
	CULG	01	0445E	0446U	0446D	N16	E05	3625	03	1.6	1D	SN			P	0446	90	1.0	EJ
		01	0536	0538	0549	S24	E51	3629	03	5.2	13	SF	C 2.8				45	.6	EF
0005	PEKG	01	0536	0538	0541	S24	E51	3629	03	5.2	5	SF			C	0538	38	.6	E
	LEAR	01	0536	0538	0557	S24	E51	3629	03	5.2	21	SF	C 2.8	3	C		52		F
		01	0723	0726	0732	S06	W31	3618	02	27.1	9	SF			C	0726	25	.3	E
0006	PEKG	01	0755E	0800	0815	N18	E12	3625	03	2.2	20D	SF			P	0800	71	.8	E
		01	08261	0825*	0852	N17	E12	3625	03	2.3	26	1B	C 3.4				178	2.2	FU
	CATA	01	0825E	0825	0900	N17	E10	3625	03	2.1	35D	1		2	P	0825	281	3.2	
0007	LEAR	01	0826	0832	0852	N16	E12	3625	03	2.3	26	SB	C 3.4	3	C		124		F
	YUNN	01	0827	0835	0851	N18	E12	3625	03	2.3	24	SB			C		113	1.3	F
	PEKG	01	0836E	0837	0843	N17	E12	3625	03	2.3	7D	1N			P	0837	193	2.2	FU
0008	PEKG	01	0829	0837	0848	S15	E51	3631	03	5.2	19	SN			C	0837	55	.9	D
		01	09241	09251	0934	N17	E04	3625	03	1.7	10	SF					82	1.6	F
	LEAR	01	0924	0926	0932	N17	E04	3625	03	1.7	8	SF		3	C		24		F
0009	CATA	01	0925	0925	0935	N17	E03	3625	03	1.6	10	S		2	C	0925	140	1.6	
		01	1046		1056	No Flare Patrol													
		01	1046		1056	No Flare Patrol													
0010	KANZ	01	1119		1119D	N18	E10	3625	03	2.2	10D	SN		2					
		01	11452	11501	1158	N20	E06	3625	03	1.9	13	SN					84	1.0	
	CATA	01	1145	1150	1200	N21	E03	3625	03	1.7	15	S		1	C	1150	84	1.0	
0011	KANZ	01	1147	1151	1155	N19	E08	3625	03	2.1	8	SN		3					
		01	1352	1356	1427	S20	E48	3629	03	5.2	35	SN		3					
		01	1356	1400	1419	S15	W20	3619	02	28.1	23	SN		3					L
0012		01	1531		1535	No Flare Patrol													
		01	1552	1554	1721D	N16	E08	3625	03	2.3	89D	SN		3	C		173		
		01	1636		1730	No Flare Patrol													
0013		01	1902		1941	No Flare Patrol													
		01	2157		2237	No Flare Patrol													
		01	2157		2237	No Flare Patrol													
0014		02	00359	00377	0048	S22	E34	3629	03	4.6	13	SN					67	.9	DEJK
	PEKG	02	0035	0037	0046	S22	E33	3629	03	4.6	11	SF			P	0037	42	.5	EK
	PEKG	02	0035	0044	0046	S22	E33	3629	03	4.6	11	SN			P	0044	55	.7	D
	VORO	02	0036		0053	S22	E34	3629	03	4.6	17	SN			P	0036	99	1.2	J
	PURP	02	0037	0038	0047	S24	E34	3629	03	4.6	10	SN			C	0038	86	1.1	D
	YUNN	02	0041	0043	0047	S22	E33	3629	03	4.6	6	SB			C		80	1.0	D
	LEAR	02	0044	0044	0052	S22	E32	3629	03	4.5	8	SN		3	C		55		
	MANI	02	0046E	0046U	0056D	S23	E41	3629	03	5.2	10D	SN		1	V		50	.7	
		02	0041	0044	0045D	N12	E00	3625	03	2.0	4D	SF			P	0044	76	.8	E

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0018		02	00484	0053	0056	S14	E41	3631	03	5.1	8	SN					50	.9	
	YUNN	02	0048	0053	0057	S14	E41	3631	03	5.1	9	SN			C		64	.9	
	LEAR	02	0052	0053	0056	S14	E41	3631	03	5.1	4	SN		3	C		35		
0019	LEAR	02	0116	0117	0126	N08	W78	3613	02	24.3	10	SF		3	C				
0020		02	01291	01321	0140	N12	W00	3625	03	2.1	11	SN	C 1.5				102	1.1	DEF
	LEAR	02	0129	0132	0149	N12	W01	3625	03	2.0	20	SN	C 1.5	3	C		111		F
	VORO	02	0130E		0138	N12	E00	3625	03	2.1	80	SN			P	0132	81	.9	D
	PEKG	02	0130	0133	0137	N12	E00	3625	03	2.1	7	SN			P	0133	88	.9	E
	YUNN	02	0131E	0131U	0136	N12	W01	3625	03	2.0	50	SB			P	0131	129	1.4	D
0021		02	0335	0338	0342	N12	W02	3625	03	2.0	7	SF	C 1.4				74	.6	EF
	LEAR	02	0335	0338	0344	N12	W02	3625	03	2.0	9	SF	C 1.4	3	C		88		F
	PEKG	02	0336E	0338U	0340	N12	W01	3625	03	2.1	40	SF			P	0338	59	.6	E
0022	PEKG	02	0338E	0338	0340	S15	E39	3631	03	5.1	20	SF			P	0338	50	.6	E
0023		02	06526	06571	0703	S14	E37	3631	03	5.1	11	SN					47	.6	DF
	YUNN	02	0652	0657	0703	S13	E37	3631	03	5.1	11	SB			C		32	.4	D
	PEKG	02	0657E	0658	0701	S14	E38	3631	03	5.2	40	SN			C	0658	67	.9	D
	LEAR	02	0658	0658	0704	S14	E37	3631	03	5.1	6	SN		3	C		43		F
0024	HTPR	02	0711		0747	N17	E10	3628	03	3.0	36	SN			C	0726	150	1.5	EI
0025		02	07411	07441	0752	S14	E37	3631	03	5.1	11	SN					34	.4	DE
	PEKG	02	0741	0745	0752	S14	E37	3631	03	5.1	11	SN			C	0745	55	.7	E
	LEAR	02	0742	0744	0753	S14	E37	3631	03	5.1	11	SN		3	C		31		
	YUNN	02	0744E	0744U	0752	S14	E38	3631	03	5.2	80	SN			P	0744	16	.2	D
0026		02	08046	0810*	0842	N13	E09	3628	03	3.0	38	SN	C 2.7				167	2.6	EFK
	YUNN	02	0804	0816	0821D	N14	E11	3628	03	3.2	170	SF			P		161	1.8	E
	LEAR	02	0806	0810	0843	N13	E10	3628	03	3.1	37	SN	C 2.7	3	C		58		K
	PEKG	02	0806	0812	0839	N14	E09	3628	03	3.0	33	1N			C	0812	319	3.5	F
	LEAR	02	0806	0825	0843	N13	E10	3628	03	3.1	37	SN		3	C		74		FK
	CATA	02	0810	0815	0905D	N14	E08	3628	03	2.9	550	1		2	P	0815	225	2.5	
0027		02	0811*	0812*	0840	S14	E37	3631	03	5.1	29	SF					41	.5	E
	PEKG	02	0811	0812	0813D	S13	E37	3631	03	5.1	20	SF			P	0812	34	.4	E
	PEKG	02	0822	0823	0826	S14	E37	3631	03	5.1	4	SF			C	0823	50	.6	E
	LEAR	02	0823	0842	0854	S14	E36	3631	03	5.1	31	SN		3	C		39		
0028		02	0822	0825	0842	N18	E12	3628	03	3.3	20	SN					100	1.2	F
	PEKG	02	0822	0825	0839	N17	E12	3628	03	3.3	17	SF			C	0825	168	1.9	F
	YUNN	02	0836E	0836U	0845	N19	E12	3628	03	3.3	90	SN			P	0836	32	.4	
0029	YUNN	02	0924	0929	0944	S19	E37	3629	03	5.2	20	SN			C		16	.2	E
0030		02	09321	09342	0951	S14	E36	3631	03	5.1	19	SN	C 2.5				43	.5	
	YUNN	02	0932	0936	0944	S15	E36	3631	03	5.1	12	SB			C		64	.8	
	LEAR	02	0933	0934	1022D	S15	E35	3631	03	5.0	49D	SN	C 2.5	3	C		49		
	HTPR	02	0936E		0945	S10	E37	3631	03	5.2	90	SF			C	0938	20	.3	
	HTPR	02	0936E		1005	S14	E38	3631	03	5.3	290	SF			C	0942	40	.5	
0031	KHAR	02	1033E	1040	1116D	S12	E36	3631	03	5.1	43D	SN			P	1040	130	1.7	E
		02	1121		1129	No Flare Patrol													
		02	1211		1217	No Flare Patrol													
0032	HTPR	02	1325	1330	1335	N14	W08	3625	03	1.9	10	SF			C	1330	20	.2	E
0033	HTPR	02	1334	1339	1353	N18	E08	3628	03	3.2	19	SF			C	1339	30	.3	
0034	HTPR	02	1355		1413D	S24	E33	3629	03	5.1	18D	SF			C	1410	30	.3	
0035	HTPR	02	1410		1413D	S13	E34	3631	03	5.1	30	SN			C	1412	60	.7	
		02	1414		1420	No Flare Patrol													
		02	1434		1438	No Flare Patrol													
		02	1923		1947	No Flare Patrol													
0036	YUNN	03	0044	0053	0100	N14	W02	3628	03	2.9	16	SN			C		16	.2	

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																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0037		03	02581	03001	0310	N11	W13	3625	03	2.1	12	SN	C 2.2				47	.6	EF
	LEAR	03	0258	0301	0312	N11	W13	3625	03	2.1	14	SN	C 2.2	3	C		41		F
	PURP	03	0259	0300	0309	N11	W13	3625	03	2.1	10	SN			C	0300	53	.6	E
0038		03	0330*	0344*	0432	S22	E26	3629	03	5.1	62	1N	M 1.0				212	2.2	EF
	LEAR	03	0330	0357	0436	S23	E26	3629	03	5.1	66	1N	M 1.0	3	C		250		F
	PURP	03	0336	0344	0423	S23	E27	3629	03	5.2	47	1B			C	0344	224	2.6	
	MITK	03	0339	0352	0438	S23	E28	3629	03	5.3	59	SN			C	0352			E
	YUNN	03	0350	0402	0430	S21	E24	3629	03	5.0	40	SF			C		161	1.9	
0039	LEAR	03	0357	0402	0421	N16	E01	3628	03	3.2	24	SF		3	C		45		F
0040	LEAR	03	0421	0421	0441	S17	E26	3631	03	5.1	20	SN		3	C		65		F
0041		03	06229	06267	0641	N12	W16	3625	03	2.0	19	SF	C 1.6				45	.6	EF
	ABST	03	0622	0626	0635D	N14	W16	3625	03	2.0	13D	SF			P	0626	87	1.0	E
	YUNN	03	0628	0633	0641	N12	W17	3625	03	2.0	13	SF			C		16	.2	
	LEAR	03	0631	0633	0633D	N11	W15	3625	03	2.1	2D	SF	C 1.6	3	C		33		F
0042	HTPR	03	0654	0658	0710	S21	E25	3629	03	5.2	16	SF			C	0658	70	.8	
0043	HTPR	03	0704	0711	0720	N10	W05	3627	03	2.9	16	SF			C	0711	30	.3	
0044	LEAR	03	0728	0729	0737	N17	E01	3628	03	3.4	9	SN		3	C		48		
0045		03	0751*	0813	0819	N12	W11	3625	03	2.5	28	SF					58	.6	D
	HTPR	03	0751		0807D	N13	W14	3625	03	2.3	16D	SF			C	0754	30	.3	
	ABST	03	0806	0813	0819	N11	W08	3625	03	2.7	13	SF			C	0813	87	.9	D
0046		03	0754*	0757*	0808	S21	E24	3629	03	5.2	14	SF					60	1.0	DF
	LEAR	03	0754	0757	0800	S21	E24	3629	03	5.2	6	SF		3	C		32		F
	ABST	03	0806	0808	0815	S21	E24	3629	03	5.2	9	SF			C	0808	87	1.0	D
0047	ABST	03	0806	0808	0813	N10	W33	3619A	02	28.8	7	SF			C	0808	87	1.1	D
0048	ABST	03	0806	0813	0819	N12	W17	3625	03	2.0	13	SF			C	0813	87	1.0	D
0049	HTPR	03	0822		0830D	S21	E24	3629	03	5.2	8D	SN			C	0826	40	.4	
0050	ABST	03	0829	0833	0900D	N12	W17	3625	03	2.1	31D	SF			P	0833	87	1.0	D
0051		03	09171	0918	0928	S17	W47	3619	02	27.9	11	SF					21	.3	
	HTPR	03	0819E		0830D	S17	W47	3619	02	27.9	11D	SF			C	0819	20	.3	
	LEAR	03	0917	0918	0927	S17	W46	3619	02	28.0	10	SF		3	C		22		
	KANZ	03	0918	0918	0929	S18	W47	3619	02	27.9	11	SF		2					
0052		03	09223	0925	0936	S20	E23	3629	03	5.1	14	SF					51		F
	LEAR	03	0922	0925	0936	S21	E23	3629	03	5.1	14	SF		3	C		51		F
	KANZ	03	0925	0925	0937	S20	E23	3629	03	5.1	12	SF		2					
0053	KANZ	03	0956	1004	1018	S14	E24	3631	03	5.2	22	SF		1					
0054	HTPR	03	1007		1019D	N20	W03	3628	03	3.2	12D	SF			C	1010	60	.6	
0055	HTPR	03	1036		1045D	S23	E24	3629	03	5.3	9D	SN			C	1037	150	1.6	EI
0056		03	1132	11432	1206	S21	E22	3629	03	5.2	34	1N					253	2.9	
	CATA	03	1130E	1145	1230D	S20	E22	3629	03	5.2	60D	1		2	P	1145	253	2.9	
	KANZ	03	1132	1143	1206	S22	E22	3629	03	5.2	34	SN		1					
0057	KANZ	03	1132	1132	1139	N17	W02	3628	03	3.3	7	SF		1					
0058	HTPR	03	1213	1218	1248	S15	E20	3631	03	5.0	35	SF			C	1218	80	.8	E
0059	KANZ	03	1313	1317	1332	S13	E21	3631	03	5.1	19	SN		2					
		03	1433		1434	No Flare Patrol													
		03	1436		1444	No Flare Patrol													
		03	1514		1518	No Flare Patrol													
		03	1545		1554	No Flare Patrol													
0060		03	16392	1641	1648	S25	E26	3629	03	5.7	9	SB	C 7.4				76		
	RAMY	03	1639	1641	1648	S23	E26	3629	03	5.7	9	SB	C 7.4	3	C		122		
	HOLL	03	1641	1641	1648	S27	E26	3629	03	5.7	7	SB		2	C		31		

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																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0061	HOLL	03	1753	1756	1811	N15	W09	3628	03	3.1	18	SF		2	C		22		
0062		03	17542	1803	1810	S13	E18	3631	03	5.1	16	SF					62	.8	
	BIGB	03	1754	1803	1812	S13	E18	3631	03	5.1	18	SF		3	C	1803	70	.8	
	HOLL	03	1756	1803	1807	S13	E18	3631	03	5.1	11	SF		2	C		54		
0063		03	18392	1853	1956	S15	E20	3631	03	5.3	77	SN					90	1.1	F
	HOLL	03	1839	1853	1954	S15	E19	3631	03	5.2	75	SN		3	C		81		F
	BIGB	03	1841	1853	1959	S15	E20	3631	03	5.3	78	SN		3	C	1853	100	1.1	
0064	HOLL	03	2311	2313	2325	N20	W10	3628	03	3.2	14	SF		2	C		39		F
0065		04	0056	00582	0104	S23	E22	3629	03	5.7	8	1B C	5.1				150	1.7	DH
	MITK	04	0056	0058	0132D	S24	E23	3629	03	5.8	36D	1B			C	0058	190	2.2	DH
	MANI	04	0057E	0100	0104	S22	E21	3629	03	5.6	7D	SB C	5.1	1	V		110	1.2	
		04	0133		0144	No Flare Patrol													
		04	0151		0243	No Flare Patrol													
		04	0250		0258	No Flare Patrol													
0066		04	05538	0601*	0625	S19	E13	3629	03	5.2	32	SN C	4.7				166	2.0	DEF JV
	PEKG	04	0553	0606	0620	S18	E12	3629	03	5.1	27	1F			C	0606	244	2.6	F
	YUNN	04	0557	0611	0622D	S18	E11	3629	03	5.1	25D	SF			P		161	1.7	E
	ABST	04	0600	0602	0641	S17	E13	3629	03	5.2	41	1N			C	0602	262	2.8	EJ
	LEAR	04	0600	0603	0633	S20	E12	3629	03	5.2	33	SN C	4.7	3	C		79		F
	ABST	04	0601	0601	0605	S24	E19	3629	03	5.7	4	SN			C	0601	87	1.0	DV
0067	ABST	04	0656	0712	0732	N20	W17	3628	03	3.0	36	SN			C	0712	87	1.0	D
0068	HTPR	04	0757		0813	N20	W15	3628	03	3.2	16	SF			C	0759	30	.3	
0069	HTPR	04	0853	0857	0905	S13	E06	3631	03	4.8	12	SF			C	0857	40	.4	E
0070		04	0926	09217	0934	N18	W20	3628	03	2.9	8	SN					60	.6	
	KANZ	04	0921E	0921	0932	N17	W19	3628	03	2.9	11D	SN		2					
	HTPR	04	0926	0928	0935	N20	W20	3628	03	2.9	9	SF			C	0928	60	.6	
0071	KANZ	04	1000E	1000	1004	S12	E07	3631	03	4.9	4D	SF		2					
0072		04	1005*	1025*	1108	N18	W22	3628	03	2.7	63	SN					110	1.3	
	CATA	04	1005	1025	1030D	N20	W22	3628	03	2.7	25D	S		2	P	1025	140	1.8	
	HTPR	04	1020	1055	1140	N15	W20	3628	03	2.9	80	SF			C	1055	80	.8	
	KANZ	04	1023	1027	1036	N18	W23	3628	03	2.7	13	SN		3					
0073	KANZ	04	1220E	1220	1232D	N14	W20	3628	03	3.0	12D	SF		2					
		04	1246		1250	No Flare Patrol													
		04	1252		1255	No Flare Patrol													
		04	1259		1314	No Flare Patrol													
		04	1324		1339	No Flare Patrol													
0074	HTPR	04	1355		1425D	S24	E10	3629	03	5.3	30D	SF			C	1420	50	.5	
0075	RAMY	04	1425	1426	1431	S07	W29	3626	03	2.4	6	SF		3	C		40		
		04	1426		1431	No Flare Patrol													
		04	1445		1538	No Flare Patrol													
0076	RAMY	04	1458	1500	1533	S25	E03	3629	03	4.8	35	SN C	2.7	3	C		57		
0077		04	15561	1559	1611	S06	W30	3626	03	2.4	15	SN					73	.9	
	RAMY	04	1556	1559	1610	S06	W30	3626	03	2.4	14	SN		3	C		66		
	BIGB	04	1557	1559	1612	S06	W30	3626	03	2.4	15	SN		3	C	1559	80	.9	
0078	RAMY	04	1559	1559	1610	S25	E03	3629	03	4.9	11	SF		3	C		24		
0079		04	16481	1649	1708	S22	E07	3629	03	5.2	20	SN					48		F
	RAMY	04	1648	1649	1715	S22	E07	3629	03	5.2	27	SN		3	C		59		
	HOLL	04	1649	1649	1700	S23	E07	3629	03	5.2	11	SF		3	C		37		F
0080	HOLL	04	1717	1721	1728	N14	W22	3628	03	3.0	11	SF		3	C		28		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0081	HOLL	04	1944	1945	1953	S06	W33	3626	03	2.3	9	SF		3	C		30		F
0082	PALE	04	2219E	2227U	2243	S19	E05	3629	03	5.3	24D	SF C	5.1	2	C		88		F
0083	CULG	05	0006	0009	0016	S24	E04	3629	03	5.3	10	SF			C	0009	50	.5	E
0084		05	0039S	00533	0116	S12	E02	3631	03	5.2	37	SN					76	.8	E
	PEKG	05	0039	0053	0102	S11	E02	3631	03	5.2	23	SN			C	0053	88	.9	E
	YUNN	05	0044	0056	0130	S12	E01	3631	03	5.1	46	SN			C	0048	64	.7	
0085		05	0137S	01426	0154	S17	W01	3629	03	5.0	17	SN C	3.4				141	2.2	F
	CULG	05	0137	0142U	0150U	S17	E01	3629	03	5.1	13U	SN			P	0142	80	.8	
	PALE	05	0138	0142	0149	S17	W04	3629	03	4.8	11	SF C	3.4	3	C		113		
	PEKG	05	0140	0148	0155	S15	W02	3629	03	4.9	15	1N			C	0148	336	3.5	F
	PALE	05	0142	0143	0157	S18	E01	3629	03	5.1	15	SF		3	C		34		F
		05	0202*	0225	0230	N21	W29	3628	03	2.9	28	1N					266	3.5	FIW
0086	CULG	05	0202	0211U	0233D	N20	W30	3628	03	2.8	31D	1N			P	0211	180	2.3	FIW
	YUNN	05	0204E	0204U	0220	N21	W30	3628	03	2.8	16D	SN			P	0204	113	1.5	FW
	PEKG	05	0217	0225	0240	N21	W28	3628	03	2.9	23	2N			P	0225	505	6.7	F
		05	0225E	0225	0225D	S11	E02	3631	03	5.2	23D	SF			P	0225	63	.6	E
0088		05	0230*	0246*	0331	S23	E01	3629	03	5.2	61	2B M	4.2				537	5.2	FJKU
	LEAR	05	0230	0248	0351	S24	E01	3629	03	5.2	81	2B M	4.2	3	C		733		UF
	PALE	05	0235	0249	0336	S22	E01	3629	03	5.2	61	1B		3	C		490		UF
	PEKG	05	0240	0246	0325	S22	E01	3629	03	5.2	45	2B			C	0246	631	6.7	FK
	YUNN	05	0240	0247	0317	S24	E02	3629	03	5.3	37	1B			C		257	2.8	F
	PEKG	05	0240	0257	0325	S22	E00	3629	03	5.1	45	2B			C	0257	589	6.3	FU
	CULG	05	0242E	0247U	0330U	S22	E02	3629	03	5.3	48U	2B			P	0247	520	5.2	J
		05	04104	04165	0427	S16	W02	3629	03	5.0	17	SF					48	.2	EF
	LEAR	05	0410	0421	0430	S16	W03	3629	03	4.9	20	SF		3	C		81		F
0089	YUNN	05	0414	0416	0424	S17	W02	3629	03	5.0	10	SF			C		16	.2	E
		05	0507	0508U	0508D	N11	E83	3634	03	11.4	1D	SF			P	0508	40		
		05	0524	05281	0532	S12	W02	3631	03	5.1	8	SF					104	1.0	E
0091	YUNN	05	0524	0528	0532	S13	W02	3631	03	5.1	8	SF			C		48	.5	E
	PEKG	05	0524	0529	0533	S11	W03	3631	03	5.0	9	SF			P	0529	160	1.6	E
		05	06413	0645	0650	N21	W32	3628	03	2.8	9	SN C	4.1				76	1.2	DEF
0092	ISTA	05	0641	0644	0644	N21	W32	3628	03	2.8	3	SN				0642			D
	CULG	05	0642E	0642U	0649D	N21	W33	3628	03	2.7	7D	SN			P	0642	40	.6	E
	LEAR	05	0642E	0642U	0653	N20	W30	3628	03	3.0	11D	SN C	4.1	2	C		54		F
	PEKG	05	0642	0645	0651	N23	W32	3628	03	2.8	9	1N			C	0645	176	2.5	F
	YUNN	05	0644	0645	0653	N22	W32	3628	03	2.8	9	SF			C		32	.5	D
		05	0644	06451	0650D	S13	W04	3631	03	5.0	6D	SN					88	.9	E
0093	CULG	05	0644	0646	0649D	S14	W04	3631	03	5.0	5D	SF			P	0646	50	.5	
	PEKG	05	0645E	0645	0650D	S12	W04	3631	03	5.0	5D	SN			P	0645	126	1.3	E
		05	08246	0826*	0851	N15	W31	3628	03	3.0	27	SN					113	1.5	DE
0094	PEKG	05	0824	0826	0830	N17	W29	3628	03	3.1	6	SF			C	0826	34	.4	D
	YUNN	05	0828	0840	0904	N15	W32	3628	03	2.9	36	SN			C		80	1.1	E
	CATA	05	0830	0835	0900	N14	W32	3628	03	2.9	30	1		2	C	0835	225	3.0	
		05	0840	0840S	0913	S18	W04	3629	03	5.0	33	1N					278	2.9	FW
0095	CATA	05	0840	0840	0915D	S17	W05	3629	03	5.0	35D	1		2	P	0840	364	3.8	
	YUNN	05	0845E	0845	0913	S18	W04	3629	03	5.0	28D	SN			P		193	2.0	FW
		05	0845	08562	0908	S14	W04	3631	03	5.1	23	1N					278	3.1	F
0096	PEKG	05	0845	0856	0910	S16	W06	3631	03	4.9	25	1B			C	0856	265	2.8	F
	MANI	05	0855E	0856	0907	S14	W02	3631	03	5.2	12D	1N		1	V		250	3.1	F
	ATHN	05	0856E	0858	0908	S13	W03	3631	03	5.1	12D	1N		3	V	0858	318	3.3	
		05	1050	1054	1107	S14	E56	3632	03	9.7	17	SF					87	1.6	D
0097	ABST	05	1050	1054	1107	S11	E57	3632	03	9.7	17	SF			C	1054	87	1.6	D
	ABST	05	1050	1054	1107	S17	E56	3632	03	9.7	17	SF			C	1054	87	1.6	D
		05	1050	1054	1107D	S10	W04	3628B	03	5.1	17D	SF			P	1054	87	.9	D

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0099		05	1107	1103*	1130	S20	W08	3629	03	4.8	23	SB					162	1.6	DE
	ABST	05	1103E	1103	1116	S23	W11	3629	03	4.6	13D	SN			P	1103	87	.9	D
	HTPR	05	1107	1118	1135	S18	W09	3629	03	4.8	28	SB			C	1118	180	1.8	E
	HTPR	05	1107	1118	1140	S18	W04	3629	03	5.1	33	1B			C	1118	220	2.2	E
		05	1205		1210	No Flare Patrol													
		05	1215		1220	No Flare Patrol													
		05	1222		1225	No Flare Patrol													
		05	1401		1426	No Flare Patrol													
		05	1440		1444	No Flare Patrol													
		05	1446		1513	No Flare Patrol													
0100	HOLL	05	1619	1644	1723D	S13	W08	3631	03	5.1	64D	1N C	3.3	2	C		300		F
0101	HOLL	05	1636	1701	1708	S23	W14	3629	03	4.6	32	SF		2	C		92		F
0102	HOLL	05	1641	1706	1707	S05	W42	3626	03	2.5	26	SF		2	C		65		F
0103	HOLL	05	1709	1721	1722	S21	W10	3629	03	4.9	13	SF C	4.0	2	C		41		F
0104		05	18183	18303	1908	S21	W11	3629	03	4.9	50	1B C	8.8				242	2.2	EF
	BIGB	05	1818	1833	1909	S21	W11	3629	03	4.9	51	1N		1	C	1833	210	2.2	
	HOLL	05	1821	1830	1906	S21	W11	3629	03	4.9	45	1B C	8.8	3	C		274		FE
0105		05	1825E	1906	1921	S13	W10	3631	03	5.0	56D	SN					89		F
	HOLL	05	1825E	1825U	1914D	S12	W09	3631	03	5.1	49D	SN		2	C		100		F
	PALE	05	1901E	1906	1921	S14	W12	3631	03	4.9	20D	SF		3	C		78		F
0106		05	19388	19424	2003	S13	W10	3631	03	5.1	25	SN C	6.4				94		F
	PALE	05	1938	1942	2011	S13	W10	3631	03	5.1	33	SN C	6.4	3	C		140		F
	HOLL	05	1946	1946	1955	S13	W11	3631	03	5.0	9	SN		2	C		47		F
0107		05	2053	2054*	2230U	S20	W10	3629	03	5.1	97U	SN C	4.1				88	1.0	FIJK
	PALE	05	2053	2054	2057D	S22	W11	3629	03	5.0	4D	SN C	4.1	3	C		75		F
	CULG	05	2053	2148	2230U	S18	W10	3629	03	5.1	97U	SN			C	2148	100	1.0	JFKI
0108	PALE	05	2055	2056U	2144D	S13	W11	3631	03	5.0	49D	SN		3	C		80		F
0109		06	00234	0031*	0050	S22	W14	3629	03	4.9	27	SN C	1.9				38	.5	DEJ
	CULG	06	0023	0031	0042	S23	W15	3629	03	4.9	19	SN			C	0031	30	.3	DJ
	VORO	06	0026		0036D	S22	W13	3629	03	5.0	10D	SN			P	0028	81	.9	D
	PALE	06	0027	0032	0037	S23	W13	3629	03	5.0	10	SF C	1.9	3	C		21		
	YUNN	06	0039E	0045	0110	S23	W15	3629	03	4.9	31D	SF			P		16	.2	
	PEKG	06	0049E	0049	0049D	S21	W15	3629	03	4.9	31D	SN			P	0049	42	.5	E
0110	CULG	06	0111	0115	0132	N19	W45	3628	03	2.6	21	SF			C	0115	40	.6	
0111		06	0137*	0142*	0216	S12	W15	3631	03	4.9	39	SF C	4.5				46	.5	EJK
	CULG	06	0137	0154	0212	S13	W14	3631	03	5.0	35	SN			C	0154	50	.5	J
	PALE	06	0138	0142	0214	S13	W15	3631	03	4.9	36	SF		3	C		25		K
	PALE	06	0138	0154	0214	S13	W15	3631	03	4.9	36	SF C	4.5	3	C		63		K
	PEKG	06	0153	0158	0210	S11	W15	3631	03	5.0	17	SN			C	0158	59	.6	E
	YUNN	06	0159E	0159U	0217	S12	W16	3631	03	4.9	18D	SF			P	0159	32	.3	E
	PALE	06	0223	0223	0228	S13	W14	3631	03	5.0	5	SF		3	C		46		
0112	YUNN	06	0322	0326	0337	S13	W14	3631	03	5.1	15	SF			C		16	.2	F
0113		06	0510	0513	0521	S12	W14	3631	03	5.2	11	SN					49	.5	DEJ
	CULG	06	0510	0513	0520	S13	W13	3631	03	5.2	10	SF			C	0513	40	.4	J
	PEKG	06	0513E	0513	0516D	S11	W15	3631	03	5.1	3D	SN			P	0513	76	.8	E
	YUNN	06	0514E	0514U	0522	S12	W15	3631	03	5.1	8D	SN			P	0514	32	.3	D
0114		06	05401	05423	0556	N20	W40	3628	03	3.2	16	SN					45	.7	D
	CULG	06	0540	0545	0556	N19	W40	3628	03	3.2	16	SF			C	0545	40	.6	
	PEKG	06	0541	0542	0546D	N22	W39	3628	03	3.2	5D	SN			C	0542	50	.8	D
0115		06	0605	0617	0632	S12	W18	3631	03	4.9	27	SN					94	1.0	F
	PEKG	06	0605	0617	0625	S12	W18	3631	03	4.9	20	SN			C	0617	147	1.6	F
	HTPR	06	0623E		0639	S12	W17	3631	03	5.0	16D	SF			C	0630	40	.4	
0116	ABST	06	0619E	0621	0634	N22	W56	3628	03	1.9	15D	1F			P	0621	131	2.8	E

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Apparent (10 ⁻⁶ Disk)	Measurement Corr (Sq Deg)	Remarks
0117	ABST	06	0623	0625	0630	N07	E55	3634	03	10.4	7	SF			C	0625	87	1.7	DK
0118		06	07005	0705	0709	S25	W17	3629	03	5.0	9	SN					123	1.3	E
	HTPR	06	0623E		0703	S23	W15	3629	03	5.1	40D	1B			C	0635	250	2.7	E
	HTPR	06	0700	0705	0712	S24	W18	3629	03	4.9	12	SN			C	0705	80	.9	E
	HTPR	06	0705	0705	0712	S27	W17	3629	03	5.0	7	SN			C	0705	40	.4	E
0119		06	06455	0647*	0716	S12	W17	3631	03	5.0	31	1N	C 7.9				154	1.7	EFJK
	CULG	06	0643E	0648U	0701D	S13	W16	3631	03	5.1	18D	SN			P	0648	60	.6	EJ
	ATHN	06	0645	0647	0702	S12	W18	3631	03	4.9	17	SB	C 7.9	3	V	0647	121	1.3	
	MANI	06	0646E	0646U	0654D	S11	W17	3631	03	5.0	8D	SN		1	V		80	.9	F
	PEKG	06	0648E	0655	0725D	S11	W17	3631	03	5.0	37D	1N			C	0655	223	2.4	FK
	PEKG	06	0648E	0721	0725D	S11	W18	3631	03	4.9	37D	1N			C	0721	189	2.1	F
	CATA	06	0650	0655	0730	S13	W16	3631	03	5.1	40	1		2	P	0655	253	2.7	
0120		06	0720	0730*	0755	S22	W14	3629	03	5.2	35	1N					234	2.6	F
	CATA	06	0720	0730	0730	S23	W13	3629	03	5.3	10	S		2	P	0730	169	1.8	
	PEKG	06	0721E	0738	0801	S21	W15	3629	03	5.1	40D	1N			C	0738	336	3.7	F
	CATA	06	0745E	0745	0815	S23	W13	3629	03	5.3	30D	1		2	P	0745	197	2.2	
0121	PEKG	06	0803	0804	0805D	N18	W62	3625	03	1.6	2D	SF			C	0804	25		D
0122		06	08032	08051	0812	S23	W18	3629	03	4.9	9	1B	C 4.5				170	1.9	F
	ATHN	06	0803	0805	0809	S21	W19	3629	03	4.9	6	SB	C 4.5	3	V	0805	64	.7	
	PEKG	06	0804E	0806	0806D	S22	W18	3629	03	4.9	2D	1N			C	0806	193	2.2	F
	CATA	06	0805	0805	0815	S25	W17	3629	03	5.0	10	1		2	P	0805	253	2.8	
0123	HTPR	06	0804	0814	0820	S13	W17	3631	03	5.0	16	SF			C	0814	80	.8	E
0124	ABST	06	0825	0828	0850	N07	W55	3627	03	2.2	25	1N			C	0828	174	3.4	E
0125	HTPR	06	0847	0849	0858	S13	W16	3631	03	5.1	11	SB			C	0849	80	.8	E
0126	YUNN	06	0945	0947	1005	S12	W18	3631	03	5.0	20	SB			C		129	1.4	
0127	HTPR	06	1006	1010	1020	S23	W19	3629	03	4.9	14	1B			C	1010	200	2.1	E
0128	HTPR	06	1032	1035	1123	S13	W19	3631	03	5.0	51	SB			C	1035	80	.8	E
0129	HTPR	06	1035	1040	1125	N21	W42	3628	03	3.2	50	SN			C	1040	30	.4	
0130	HTPR	06	1126	1127	1150	S20	W20	3629	03	4.9	24	SB			C	1127	100	1.0	E
0131	HTPR	06	1210		1323D	S06	E23	3635	03	8.2	73D	SN			C	1220	50	.5	
		06	1324		1359	No Flare Patrol													
		06	1414		1421	No Flare Patrol													
0132	HTPR	06	1452	1504	1542	N03	E68	3634	03	11.7	50	SN			C	1504	30	.7	
0133	HTPR	06	1452	1505	1520	S12	W21	3631	03	5.0	28	SF			C	1505	20	.2	
0134	BIGB	06	1748	1752	1812	S12	W22	3631	03	5.1	24	SN		1	C	1752	150	1.7	
		06	2157		2208	No Flare Patrol													
0135		06	2303	2308	2320	S24	W24	3629	03	5.1	17	SN					122	1.4	EFK
	VORO	06	2303		2317D	S23	W24	3629	03	5.1	14D	SN			P	2305	134	1.5	EK
	CULG	06	2303	2308	2320	S24	W23	3629	03	5.2	17	SN			C	2308	110	1.2	F
0136	PEKG	06	2350	2409	2420	S11	W27	3631	03	5.0	30	SF			C	2409	76	.9	E
0137	PEKG	07	0009E	0009	0024	S06	E17	3635	03	8.3	15D	SF			P	0009	84	.9	E
0138		07	0119	01201	0132	S22	W24	3629	03	5.2	13	SN					86	1.0	EF
	VORO	07	0119		0133D	S23	W22	3629	03	5.3	14D	SN			P	0121	108	1.2	E
	CULG	07	0119	0121	0130	S23	W24	3629	03	5.2	11	SN			C	0121	40	.4	F
	PEKG	07	0120E	0120	0135	S21	W25	3629	03	5.1	15D	SN			P	0120	109	1.3	E
0139		07	0249*	0250*	0402	N19	W53	3628	03	3.1	73	2B	X 2.7				584	12.2	EFHIKUZ
	PEKG	07	0248E	0250	0255	N21	W53	3628	03	3.0	7D	1F			C	0250	126	2.5	F
	YUNN	07	0249	0314	0418	N18	W50	3628	03	3.3	89	3B			C		1286	23.4	FUIH
	YUNN	07	0249	0319	0418	N19	W53	3628	03	3.1	89	2N			C		498	10.0	K
	PEKG	07	0258	0308	0421	N21	W51	3628	03	3.2	83	3B			C	0308	1009	19.8	FUK
	PEKG	07	0258	0316	0421	N21	W52	3628	03	3.1	83	3B			C	0316	1177	23.1	FU
	PALE	07	0308E	0308	0325D	N17	W53	3628	03	3.1	17D	1B		2	C		340		K
	CULG	07	0308E	0311U	0412D	N18	W53	3628	03	3.1	64D	2B			P	0311	400	7.6	FEU
	PALE	07	0308E	0321U	0325D	N17	W53	3628	03	3.1	17D	2B	X 2.7	2	C		448		ZUK
	MANI	07	0309E	0309U	0326D	N18	W54	3628	03	3.0	17D	2B		1	V		400	7.5	FZ
	YUNN	07	0358	0408	0418D	N19	W56	3628	03	2.9	20D	1N			P		161	3.5	E

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/	CMP	Dur	Imp	Obs	Time	Area Measurement			Remarks		
								USAF/						Region	Mo	Day		(Min)	Opt
0140	CATA	07	0830E	0830	0845	N09	E53	3645	03	11.3	15D	1		P	0830	112	2.0	I	
		07	0936		1159	No	Flare	Patrol											
		07	1408		1409	No	Flare	Patrol											
		07	1418		1422	No	Flare	Patrol											
0141	HOLL	07	1420E	1420U	1440	N17	W59	3628	03	3.1	20D	SN	C	6.1	3	C		52	
		07	1448		1456	No	Flare	Patrol											
0142	HOLL	07	1524	1544	1608	S06	E08	3635	03	8.2	44	SF		3	C		85		
0143	BIGB	07	1841	1845	1908	N16	W61	3628	03	3.1	27	SN		3	C	1845	80	1.7	
0144	HOLL	07	1959	2018	2025	N08	E47	3634	03	11.3	26	SN	C	3.2	3	C		49	
0145	CULG	07	2138	2144	2148	N13	W64	3628	03	3.1	10	1F			C	2144	80	2.1	
0146	CULG	07	2235	2236	2257	N10	E44	3645	03	11.2	22	SF			C	2236	80	1.2	JK
0147	CULG	08	0005	0016	0031	S25	W37	3641A	03	5.1	26	SF			C	0013	30	.3	
0148		08	0123	0128	0140	N09	E42	3645	03	11.2	17	SN					38	.6	E
	YUNN	08	0123	0128	0140	N09	E41	3645	03	11.1	17	SN			C		16	.2	
	PEKG	08	0125E	0125E	0142D	N09	E43	3645	03	11.3	17D	SN			P	0125	59	.9	E
0149		08	01363	01402	0212	S06	E03	3635	03	8.3	36	SN					93	1.0	EF
	YUNN	08	0136	0140	0210	S07	E02	3635	03	8.2	34	SN			C		96	1.0	
	CULG	08	0137	0140	0215D	S07	E03	3635	03	8.3	38D	SF			P	0140	100	1.0	F
	PEKG	08	0139	0142	0215	S05	E03	3635	03	8.3	36	SN			C	0142	84	.9	E
0150	CULG	08	0358	0358	0404D	N13	W70	3628	03	2.9	6D	SF			C	0358	40		
0151		08	04245	0436*	0516	S17	W49	3629	03	4.4	52	SN					33	.5	D
	CULG	08	0424	0443	0536	S18	W49	3629	03	4.4	72	SB			C	0443	40	.6	
	PEKG	08	0426	0449	0515D	S16	W48	3629	03	4.5	49D	SN			C	0449	42	.6	D
	YUNN	08	0429	0436	0456	S17	W50	3629	03	4.4	27	SF			C		16	.3	D
0152	LEAR	08	0515	0519	0522	N16	W66	3628	03	3.2	7	SF		3	C		18		
0153	CULG	08	0545	0554	0618	S05	W01	3635	03	8.2	33	SF			C	0554	60	.6	F
0154	PEKG	08	0706E	0706	0706D	S14	W59	3631	03	3.8	33D	SF			P	0706	13	.2	D
0155	PEKG	08	0706E	0706	0710	S14	W85		03	1.9	4D	SF			P	0706	8		D
0156	PEKG	08	0726E	0726															

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Corr (Sq Deg)	Remarks
																	Apparent (10 ⁻⁶ Disk)	Disk		
0167		09	0349	0353	0404	S08	W12	3635	03	8.2	15	SN					14		.2	D
	PEKG	09	0349	0353	0405	S08	W12	3635	03	8.2	16	SN			C	0353	13		.1	D
	YUNN	09	0354E	0354U	0402	S07	W12	3635	03	8.3	8D	SF			P	0354	16		.2	D
0168	LEAR	09	0403	0404	0407	N16	W78	3628	03	3.2	4	SF		3	C					
0169	YUNN	09	0510	0518	0530	S05	W16	3635	03	8.0	20	SF			C		16		.2	D
0170		09	07243	07262	0800	S06	W13	3635	03	8.3	36	SN					60		.9	EF
	PEKG	09	0724	0726	0805	S06	W13	3635	03	8.3	41	SN			C	0726	84		.9	E
	LEAR	09	0727	0728	0756	S07	W13	3635	03	8.3	29	SF		3	C		36			F
0171		09	0939	0941	1006	N22	W88	3628	03	2.6	27	SN								H
	LEAR	09	0939	0941	1006	N21	W87	3628	03	2.7	27	SF		3	C					
	KHAR	09	0940E		0947D	N22	W90	3628	03	2.5	7D	SN			P	0942				H
0172	LEAR	09	0948	0948	1000	S14	W61	3631	03	4.8	12	SN		3	C		16			F
0173		09	1209	12103	1223	S06	W20	3635	03	8.0	14	SF					56		.6	
	KANZ	09	1209	1213	1221	S07	W19	3635	03	8.1	12	SF		3						
	CATA	09	1210E	1210	1225	S06	W20	3635	03	8.0	15D	S		2	P	1210	56		.6	
0174	KANZ	09	1406	1406	1419	N28	E08	3637	03	10.2	13	SF		3						G
0175	KANZ	09	1431	1431	1442	N18	E85	3639	03	16.1	11	SN		3						
0176	HOLL	09	1433	1434	1512	S14	W68	3631	03	4.5	39	SN		3	C		75			F
0177	KANZ	09	1529	1541	1545	N13	W74	3628	03	4.1	16	SN		3						
0178		09	2005	2008	2018	N02	E21	3634	03	11.4	13	SN					82			F
	RAMY	09	2005	2008	2018	N02	E20	3634	03	11.3	13	SN		3	C		104			F
	HOLL	09	2006E	2006U	2043D	N02	E22	3634	03	11.5	37D	SN		3	C		60			F
0179	PEKG	09	2320E	2321	2329D	N20	W90	3628	03	3.1	9D	1N			P	2321	105			F
0180		10	0259*	0316*	0357	S00	E82	3640	03	16.2	58	1N M	2.6				84			EF
	LEAR	10	0259	0316	0439	S02	E80	3640	03	16.1	100	1B M	2.6	3	C					F
	MANI	10	0308E	0311U	0315	N01	E85	3640	03	16.5	7D	SN		1	V					FE
	PEKG	10	0312	0319	0325D	S02	E80	3640	03	16.1	13D	SN			P	0319	55			E
	PURP	10	0336E	0344	0353D	N01	E83	3640	03	16.3	17D	1N			C	0344	112			
0181	PEKG	10	0350	0357	0419	S04	E80	3640	03	16.1	29	SF			C	0357	34			E
0182	PEKG	10	0352E	0357	0359D	S14	W70	3631	03	4.9	7D	SF			P	0357	46			E
0183	PEKG	10	0510	0518	0525	N18	W87		03	3.6	15	SB			C	0518	76			E
0184	LEAR	10	0515	0533	0606	S05	E78	3640	03	16.0	51	SF		3	C					F
0185	PEKG	10	0717	0721	0730	S19	E35	3636	03	13.0	13	SF			C	0721	38		.5	E
0186	LEAR	10	0804	0805	0813	S07	W28	3635	03	8.2	9	SF		3	C		35			
0187		10	1205*	1220*	1302	S06	W31	3635	03	8.2	57	1N C	4.6				220		2.6	E
	LVOV	10	1205	1231	1255	S06	W30	3635	03	8.2	50	1F			C	1231	300		3.6	E
	WEND	10	1207	1231	1306	S05	W31	3635	03	8.2	59	1N			C	1231	206		2.5	
	RAMY	10	1213	1236	1308	S06	W32	3635	03	8.1	55	1B C	4.6	3	C		220			
	ATHN	10	1218	1220	1258	S06	W31	3635	03	8.2	40	SB		3	V	1220	153		1.8	
0188	RAMY	10	1707	1709	1720	S23	W71	3629	03	5.2	13	SF C	3.0	3	C		22			
0189		10	18451	18461	1902	S06	W34	3635	03	8.2	17	1B C	5.4				318		3.1	EU
	RAMY	10	1845	1846	1908	S06	W34	3635	03	8.2	23	2B		3	C		479			
	BIGB	10	1846	1847	1856	S06	W34	3635	03	8.2	10	1B		3	C	1847	250		3.1	
	HOLL	10	1847E	1847U	1850D	S06	W34	3635	03	8.2	3D	1B C	5.4	3	C		225			UE
0190		11	02541	0256	0306	S02	E66	3640	03	16.0	12	SF C	1.5				28			EF
	PEKG	11	0254	0256	0305	S02	E66	3640	03	16.0	11	SF			C	0256	21			E
	LEAR	11	0255	0256	0308	S02	E65	3640	03	16.0	13	SF C	1.5	3	C		34			F

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																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0191		11	03175	03245	0356	S18	E24	3636	03	13.0	39	SN	C	1.9			187	2.5	EF
	PEKG	11	0317	0329	0329D	S19	E23	3636	03	12.9	12D	1N			P	0329	252	2.9	F
	LEAR	11	0318	0322U	0332D	S19	E24	3636	03	13.0	14D	SF	C	1.9	3	C	102		F
	YUNN	11	0318E	0326	0330D	S19	E23	3636	03	12.9	12D	SN			P		129	1.5	F
	MITK	11	0319	0324	0357	S18	E24	3636	03	13.0	38	SN			C	0324			E
	PURP	11	0322	0326	0356	S16	E26	3636	03	13.1	34	1N			C	0326	264	3.0	
0192	LEAR	11	0428	0428	0437	N10	E60	3639	03	15.7	9	SF	C	1.5	3	C	23		
0193	LEAR	11	0607	0632	0639	S01	E65	3640	03	16.1	32	SF	C	2.1	3	C	59		F
0194		11	08301	0833	0841	S06	W41	3635	03	8.3	11	SN					55	.7	F
	HTPR	11	0830	0833	0840	S06	W41	3635	03	8.3	10	SN			C	0833	50	.7	
	LEAR	11	0831	0833	0842	S07	W41	3635	03	8.3	11	SF			3	C	60		F
0195	HTPR	11	1324	1330	1337	N11	E60	3639	03	16.1	13	SF			C	1330	20	.4	
0196	HTPR	11	1514	1520	1536	N10	E58	3639	03	16.0	22	SF			C	1520	20	.4	
0197	RAMY	11	1606	1606	1622	N03	E75	3643A	03	17.3	16	SN			3	C			
0198	RAMY	11	1641	1713	1745	N04	E76	3643A	03	17.4	64	SN			3	C			
		11	2056		2127	No Flare Patrol													
0199	CULG	11	2246	2249	2253	S08	W50	3635	03	8.2	7	SN			C	2249	80	1.2	
0200		12	00215	00252	0044	S19	E15	3636	03	13.1	23	SF					63	.8	EF
	PEKG	12	0021	0025	0042	S18	E15	3636	03	13.1	21	SF			C	0025	101	1.1	E
	LEAR	12	0025	0026	0045	S19	E15	3636	03	13.2	20	SF			3	C	27		F
	CULG	12	0026	0027	0045U	S19	E15	3636	03	13.2	19U	SF			C	0027	60	.6	
0201	PEKG	12	0036	0039	0046	N24	E05	3646	03	12.4	10	SN			C	0039	67	.8	E
0202		12	00401	0043	0046	N00	E56	3640	03	16.2	6	SF					34	.6	E
	CULG	12	0040	0043	0048	N02	E57	3640	03	16.3	8	SF			C	0043	50	.9	
	PEKG	12	0041	0043	0045	S01	E56	3640	03	16.2	4	SF			C	0043	17	.3	E
0203		12	0109E	0117	0123	S14	W11	3633	03	11.2	14D	SF					23	.2	DE
	PEKG	12	0109E	0117	0123	S15	W13	3633	03	11.1	14D	SF			P	0117	21	.2	E
	PEKG	12	0117E	0117	0117D	S12	W09	3633	03	11.4	14D	SF			P	0117	25	.3	D
0204	PEKG	12	0115	0117	0130	N04	E55	3640	03	16.2	15	SF			C	0117	25	.4	E
0205		12	0200	02012	0207	S06	W54	3635	03	8.0	7	SN					27	.5	
	CULG	12	0159E	0203	0205D	S06	W55	3635	03	8.0	6D	SF			P	0203	30	.5	
	LEAR	12	0200	0201	0207	S06	W53	3635	03	8.1	7	SN			3	C	24		
0206		12	0312	0318	0332	S06	W52	3635	03	8.2	20	SF					46	.7	D
	CULG	12	0312	0317U	0343	S08	W51	3635	03	8.3	31	SF			P	0317	60	.9	
	YUNN	12	0314E	0318	0322	S05	W53	3635	03	8.2	8D	SF			P		32	.5	D
0207	CULG	12	0611E	0611U	0612	N03	E55	3640	03	16.4	1D	SF			P	0611	40	.7	
0208	LEAR	12	0711	0714	0716	N01	W05	3634	03	11.9	5	SF			3	C	21		
0209		12	0735	0740	0746	N01	W07	3634	03	11.8	11	SN					55	.4	DEF
	PEKG	12	0735	0740	0745	N02	W07	3634	03	11.8	10	SN			C	0740	25	.3	E
	LEAR	12	0735	0740	0747	N01	W06	3634	03	11.9	12	SN			3	C	91		F
	YUNN	12	0738E	0738U	0738D	N01	W08	3634	03	11.7	12D	SF			P	0738	48	.5	D
0210	PEKG	12	0749	0755	0800	N02	W06	3634	03	11.9	11	SF			C	0755	13	.1	D
0211	PEKG	12	0754	0756	0804	S15	W38	3638	03	9.4	10	SF			C	0756	34	.4	E
0212	PEKG	12	0815	0820	0820D	N02	W07	3634	03	11.8	5D	SF			C	0820	25	.3	E
0213		12	08266	0832*	0909	S18	E11	3636	03	13.2	43	SF					64	.7	EK
	PEKG	12	0826	0832	0857D	S18	E11	3636	03	13.2	31D	SF			P	0832	67	.7	EK
	PEKG	12	0826	0839	0857D	S17	E11	3636	03	13.2	31D	SN			P	0839	92	1.0	E
	HTPR	12	0828	0837	0925	S20	E10	3636	03	13.1	57	SF			C	0837	40	.4	
	KANZ	12	0832	0844	0909	S17	E12	3636	03	13.3	37	SF			2				
	WEND	12	0840E		0853	S18	E11	3636	03	13.2	13D	SF			C	0840	56	.6	

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0214	PEKG	12	0832E	0839	0843D	N24	E01	3646	03	12.4	11D	SF			P	0839	71	.9	E
0215		12	0947*	0951*	1007	N02	W08	3634	03	11.8	20	SN	C 2.1				63	.5	EFK
	HTPR	12	0947	0951	0957	N06	W10	3634	03	11.6	10	SF			C	0951	20	.2	
	LEAR	12	0950	0951	1010D	N00	W08	3634	03	11.8	20D	SN		3	C		45		K
	LEAR	12	0950	1004	1010D	N00	W08	3634	03	11.8	20D	SB	C 2.1	3	C		123		FEK
	KANZ	12	0952	0958	1014	N02	W07	3634	03	11.9	22	SB		2					
	HTPR	12	0955		1254D	N01	W09	3634	03	11.7	179D	SB			C	1000	80	.8	EK
	WEND	12	0957	1001	1009	N02	W06	3634	03	12.0	12	SF			C	1001	50	.5	
0216	KANZ	12	1026	1026	1045	N02	W08	3634	03	11.8	19	SN		2					
0217	HTPR	12	1057	1114	1123	N06	E63	3643A	03	17.2	26	SF			C	1114	30	.6	
0218	KANZ	12	1101	1101	1154D	N02	W08	3634	03	11.9	53D	SN		2					
0219	KANZ	12	1109	1112	1116	S13	E45		03	15.8	7	SF		2					G
0220	HTPR	12	1240	1243	1250	N02	E50	3640	03	16.3	10	SN			C	1243	40	.6	
		12	1255		1307	No Flare Patrol													
		12	1344		1722	No Flare Patrol													
		12	1916		2015	No Flare Patrol													
		12	2220		2226	No Flare Patrol													
0221		12	2358	2405*	2430	N23	E06	3646	03	13.5	32	SN					80	1.0	EK
	PEKG	12	2358	2405	2430	N23	E06	3646	03	13.5	32	SN			C	2405	76	.9	EK
	PEKG	12	2358	2417	2430	N23	E06	3646	03	13.5	32	SF			C	2417	84	1.0	E
0222		13	00061	0008	0014	N02	W16	3634	03	11.8	8	SF					66	.7	D
	VORO	13	0006	0008	0013	N02	W15	3634	03	11.9	7	SF			C	0008	81	.9	D
	CULG	13	0007	0008	0016	N01	W16	3634	03	11.8	9	SF			C	0008	50	.5	
0223	YUNN	13	0202	0206	0218	N03	E43	3640	03	16.3	16	SF			C		64	.9	
0224		13	02304	0238	0246	N01	W17	3634	03	11.8	16	SF					66	.8	D
	YUNN	13	0230	0238	0246	N01	W18	3634	03	11.7	16	SF			C		32	.4	
	VORO	13	0234		0246D	N01	W16	3634	03	11.9	12D	SF			P	0238	99	1.1	D
0225		13	04062	04081	0424	N22	W15	3646	03	12.0	18	SN	C 1.2				41	.7	
	CULG	13	0406	0409	0434	N23	W16	3646	03	11.9	28	SB			C	0409	60	.7	
	LEAR	13	0408	0408	0413	N22	W14	3646	03	12.1	5	SF	C 1.2	3	C		22		
0226	YUNN	13	0446	0450	0506	N04	E43	3640	03	16.4	20	SF			C		32	.5	D
0227	ABST	13	0605	0606	0610	N24	W15	3646	03	12.1	5	SN			C	0606	87	1.0	DJK
0228		13	06202	06252	0633	N00	W20	3634	03	11.8	13	SN					74	.8	D
	CULG	13	0620	0625	0636	N00	W20	3634	03	11.8	16	SN			C	0625	60	.6	
	ABST	13	0622	0627	0630	N01	W20	3634	03	11.8	8	SN			C	0627	87	.9	D
0229	ABST	13	0711	0717	0725	N13	E38	3639	03	16.2	14	SF			C	0717	87	1.2	DK
0230		13	0808*	0811*	0835	N03	E36	3640	03	16.0	27	SF					109	1.4	DEV
	ABST	13	0808	0811	0835	N05	E36	3640	03	16.0	27	SF			C	0811	131	1.6	E
	ABST	13	0821	0823	0835	N01	E35	3640	03	16.0	14	SF			C	0823	87	1.1	DV
0231	ABST	13	0822	0824	0828	S10	E60	3643	03	17.8	6	1N			C	0824	131	2.6	E
0232	ABST	13	0838	0841	0855	N25	W13	3646	03	12.3	17	SF			C	0841	131	1.6	F
0233		13	1251E	1255	1337	N02	W22	3634	03	11.9	46D	SN					150	1.6	E
	HTPR	13	1251E		1337	N03	W21	3634	03	12.0	46D	SN			C	1256	130	1.3	E
	CATA	13	1255E	1255	1300D	N01	W23	3634	03	11.8	50	S		2	P	1255	169	1.9	
0234	CATA	13	1255E	1255	1300D	N03	W31	3634	03	11.2	50	S		2	P	1255	84	1.0	
0235	HTPR	13	1307	1309	1317	N23	W19	3646	03	12.1	10	SN			C	1309	60	.6	E
		13	1348		1353	No Flare Patrol													
0236	HTPR	13	1526	1527	1536	N08	W30	3634	03	11.4	10	SF			C	1527	40	.4	E

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																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
		13	1550		2130			No Flare Patrol											
0237		13	2303*	2305*	2321	N02	W31	3634	03	11.6	18	SF					58	1.4	
	CULG	13	2303	2305	2315	S00	W29	3634	03	11.8	12	SF			C	2305	120	1.4	
	LEAR	13	2312E	2312U	2319	N01	W28	3634	03	11.9	70	SF		3	C		30		
	LEAR	13	2322	2323	2329	N05	W35	3634	03	11.3	7	SF		3	C		24		
0238		14	00022	00032	0013	N02	W33	3634	03	11.5	11	SF	C 1.1				42	.7	F
	CULG	14	0002	0003	0014	N02	W34	3634	03	11.5	12	SF			C	0003	60	.7	F
	LEAR	14	0004	0005	0012	N02	W32	3634	03	11.6	8	SF	C 1.1	3	C		23		F
0239	LEAR	14	0106	0106	0116	N06	E50	3644	03	17.8	10	SF	C 1.2	3	C		28		F
0240	LEAR	14	0119	0122	0133	N01	W30	3634	03	11.8	14	SF		3	C		32		
0241		14	0232	02392	0345	N05	E50	3644	03	17.8	73	SN					60	.8	
	CULG	14	0232	0239	0309D	N07	E49	3644	03	17.8	370	SF			P	0239	50	.8	
	LEAR	14	0232	0241	0345	N03	E50	3644	03	17.8	73	SN		3	C		69		
0242	LEAR	14	0233	0235	0250	N05	W34	3634	03	11.6	17	SN		3	C		51		F
0243	PEKG	14	0255E	0255U	0326D	N03	E49	3644	03	17.8	31D	SN			P	0255	46	.8	D
0244	ABST	14	0624E	0624	0638	N08	E50	3644	03	18.0	14D	1N			P	0624	131	2.1	EK
0245	ABST	14	0624E	0624	0638D	S05	E45	3643	03	17.6	14D	SN			P	0624	131	1.8	EK
0246		14	0745	07451	0757	N01	W34	3634	03	11.8	12	SN					100	1.2	DV
	CATA	14	0745	0745	0750D	S01	W33	3634	03	11.8	5D	S		2	P	0745	112	1.4	
	ABST	14	0745	0746	0757	N03	W34	3634	03	11.8	12	SN			C	0746	87	1.1	DV
0247		14	07596	08084	0831	N07	E48	3644	03	17.9	32	SN	C 1.4				78	1.2	DK
	LEAR	14	0759	0807U	0829	N06	E47	3644	03	17.8	30	SB	C 1.4	3	C		82		
	KANZ	14	0800	0808	0823	N09	E48	3644	03	17.9	23	SN							
	ABST	14	0803	0808	0840	N07	E50	3644	03	18.1	37	SB			C	0808	87	1.5	DK
	ATHN	14	0805	0812	0815D	N07	E49	3644	03	18.0	10D	SF		2	V	0812	64	1.0	
0248	ABST	14	0831	0833	0847	S05	E45	3643	03	17.7	16	SF			C	0833	131	1.8	E
0249		14	0853*	0855*	0940	N02	W35	3634	03	11.7	47	SN					65	1.0	EFV
	ABST	14	0853	0855	0902D	N02	W34	3634	03	11.8	9D	SF			P	0855	131	1.6	EV
	KANZ	14	0857	0913	0921	N01	W37	3634	03	11.6	24	SN		3					
	HTPR	14	0900	0915	0945	N03	W34	3634	03	11.8	45	SF			C	0915	40	.5	E
	LEAR	14	0939	0946	0954	N01	W35	3634	03	11.8	15	SN		3	C		23		F
0250		14	09294	09363	0953	N08	E47	3644	03	17.9	24	SN	C 1.8				30	.4	
	HTPR	14	0929	0939	0955	N09	E48	3644	03	18.0	26	SN			C	0939	30	.4	
	KANZ	14	0933	0936	0951	N08	E46	3644	03	17.8	18	SF		3					
	LEAR	14	0933	0937	0952	N06	E46	3644	03	17.8	19	SN	C 1.8	3	C		31		
0251	HTPR	14	0945	0948	1030	S07	E42	3643	03	17.5	45	SF			C	0948	50	.7	
0252	KHAR	14	1014		1023D	N05	E40	3643A	03	17.4	9D	SF			V	1014			
0253		14	1037*	1055*	1120	N02	W34	3634	03	11.9	43	SF					20	.2	
	HTPR	14	1037	1055	1130	N03	W35	3634	03	11.8	53	SF			C	1055	20	.2	
	KANZ	14	1051	1106	1110	N01	W34	3634	03	11.9	19	SF		2					
0254		14	1039*	10588	1412	N08	E45	3644	03	17.8	213	SN					125	1.8	E
	HTPR	14	1039	1058	1645	N08	E47	3644	03	18.0	366	SB			C	1058	120	1.7	E
	KANZ	14	1055	1106	1138	N09	E43	3644	03	17.7	43	SN		2					
	KHAR	14	1056E		1111D	N06	E46	3644	03	17.9	15D	SN			P	1059	130	1.8	
0255	KANZ	14	1106	1110	1114	N13	E22	3639	03	16.1	8	SN		3					D
0256	KANZ	14	1110	1110	1118	N23	E25		03	16.4	8	SN		3					
0257		14	1039*	12327	1645	N08	E45	3644	03	17.8	366	SN	C 4.0				108	1.6	E
	HTPR	14	1039	1238	1645	N08	E47	3644	03	18.0	366	SB			C	1238	120	1.7	E
	KANZ	14	1228	1232	1247D	N09	E43	3644	03	17.7	19D	SN		2					
	ATHN	14	1230	1239	1240D	N07	E45	3644	03	17.9	10D	SF	C 4.0	2	V	1239	95	1.5	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement			Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0258	HTPR	14	1525	1529	1544	N03	W42	3634	03	11.5	19	SF			C	1529	20	.3		
0259	RAMY	14	1640E	1653	1804	N07	E43	3644	03	17.9	84D	SF		3	C		22			
0260	RAMY	14	1647	1653	1700	N01	W39	3634	03	11.8	13	SF		3	C		23			
0261	RAMY	14	1758	1759	1805	S06	E36	3643	03	17.4	7	SF		3	C		21			
0262		14	1806	1837*	1918	N08	E39	3644	03	17.7	72	SN					77		K	
	RAMY	14	1806	1837	1918	N08	E39	3644	03	17.7	72	SN		3	C		28		K	
	RAMY	14	1806	1852	1918	N08	E39	3644	03	17.7	72	SN		3	C		126		K	
0263	RAMY	14	1824	1824	1837	S08	E37	3643	03	17.5	13	SF		3	C		31			
0264	RAMY	14	1920	1925	1927	N01	W39	3634	03	11.9	7	SF		3	C		23			
		14	2025		2026	No Flare Patrol														
0265	CULG	14	2058E	2111U	2213U	N11	E35	3644	03	17.5	75U	1F			P	2111	310	4.0	BF1J	
0266	CULG	14	2131	2132	2140	S08	E36	3643	03	17.6	9	SN			C	2132	60	.7		
0267	LEAR	14	2311E	2311U	2331	S16	W56	3633	03	10.7	20D	SF		3	C		38			
0268	LEAR	14	2323	2323	2337	N08	W45	3634	03	11.6	14	SF		3	C		21		F	
0269		15	0032	0032I	0039	N05	W44	3634	03	11.7	7	SN					33	.5		
	CULG	15	0032	0032	0038	N05	W44	3634	03	11.7	6	SF			C	0032	40	.5		
	LEAR	15	0032	0033	0040	N05	W43	3634	03	11.8	8	SN		3	C		26			
0270	YUNN	15	0032	0034	0035	N07	E38	3644	03	17.9	3	SF			C		80	1.1	D	
0271		15	0253	0255I	0308	N07	W46	3634	03	11.7	15	SF	C 1.4				75	.7	EF	
	LEAR	15	0253	0255	0320	N07	W45	3634	03	11.7	27	SN	C 1.4	3	C		132		F	
	YUNN	15	0253E	0256	0303	N08	W46	3634	03	11.7	10D	SF			P		32	.5	E	
	CULG	15	0254E	0255U	0302	N06	W46	3634	03	11.7	8D	SF			P	0255	60	.9	F	
0272		15	0345I	0350	0404	N06	W46	3634	03	11.7	19	SF	C 1.8				54	.9	F	
	LEAR	15	0345	0350	0404	N06	W47	3634	03	11.6	19	SF	C 1.8	3	C		47		F	
	CULG	15	0346	0346U	0356D	N05	W46	3634	03	11.7	10D	SF			P	0346	60	.9	F	
0273	LEAR	15	0434	0436	0440	N06	W51	3634	03	11.4	6	SF	C 2.0	3	C		60		F	
0274		15	0649	0653I	0712	N04	W50	3634	03	11.5	23	SN	C 3.0				64	.8	EF	
	LEAR	15	0649	0653	0711	N03	W51	3634	03	11.5	22	SN	C 3.0	3	C		77		F	
	PEKG	15	0650E	0654	0713	N04	W48	3634	03	11.7	23D	SF			P	0654	50	.8	E	
0275		15	07232	07262	0732	N08	E30	3644	03	17.5	9	SF					88	.7	EH	
	PEKG	15	0723	0728	0732	N08	E31	3644	03	17.6	9	SF			P	0728	55	.7	E	
	LEAR	15	0725	0726	0731	N08	E30	3644	03	17.5	6	SF		3	C		122		H	
0276	PEKG	15	0728E	0728	0728D	S07	E29	3643	03	17.5	6D	SF			P	0728	105	1.2	E	
0277		15	07405	07487	0812	N03	E34	3644	03	17.8	32	SF					60	.8	DE	
	CATA	15	0740	0755	0755D	N04	E34	3644	03	17.9	15D	S		2	P	0755	56	.7		
	YUNN	15	0745	0748	0810	N03	E34	3644	03	17.9	25	SF			C		48	.6	E	
	PEKG	15	0745	0754	0815	N03	E35	3644	03	17.9	30	SF			P	0754	76	1.0	D	
0278	PEKG	15	0755	0758	0800	N01	E08	3640	03	15.9	5	SF			P	0758	59	.6	E	
0279	KANZ	15	0823	0827	0831	N05	E11	3640	03	16.2	8	SF		3						
0280		15	08463	08495	0902	N02	W48	3634	03	11.8	16	SF	C 2.4				47	1.0	DEF	
	KANZ	15	0846	0850	0901	N01	W49	3634	03	11.7	15	SF		3						
	WEND	15	0847	0854	0901	N03	W46	3634	03	11.9	14	SN			C	0854	30	.4	E	
	ABST	15	0849E	0849	0859D	N00	W48	3634	03	11.0	10D	SF			P	0849	87	1.6	D	
	LEAR	15	0849	0850	0904	N02	W49	3634	03	11.7	15	SF	C 2.4	3	C		23		F	
0281	KHAR	15	0930E	0930	0937D	N03	W48	3634	03	11.8	7D	SF			P	0930	40	.6	E	
0282		15	0955	09573	1006	N11	E28	3644	03	17.5	11	SN					98	1.2	EH	
	WEND	15	0955	0957	1003	N09	E29	3644	03	17.6	8	SN			C	0957	62	.7	H	
	CATA	15	0955E	1000	1010	N11	E28	3644	03	17.5	15D	S		2	P	1000	112	1.4		
	KHAR	15	0957E	1000	1003D	N12	E28	3644	03	17.5	6D	SN			P	1000	120	1.4	E	

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0283		15	1012	1016	1027	N08	W50	3634	03	11.7	15	SN					22	.4	D
	KHAR	15	1010E		1010D	N07	W49	3634	03	11.7	15D	SF			P	1010	20	.4	D
	WEND	15	1012	1016	1027	N08	W50	3634	03	11.7	15	SN			C	1016	25	.4	D
0284		15	11041	1105*	1133	N09	E30	3644	03	17.7	29	SF					87	1.1	E
	WEND	15	1104		1109D	N08	E31	3644	03	17.8	5D	SF			C	1109	100	1.2	E
	KANZ	15	1104	1122	1133	N09	E30	3644	03	17.7	29	SN		3					E
	KHAR	15	1105E	1105	1112D	N10	E30	3644	03	17.7	7D	SF			P	1105	50	.6	E
	CATA	15	1105	1105	1140D	N09	E29	3644	03	17.6	35D	S		2	P	1105	112	1.4	E
0285		15	1306	13251	1424	N14	E42	3649	03	18.7	78	SF					76		
	KANZ	15	1306	1325	1424	N14	E43	3649	03	18.8	78	SF		3					
	RAMY	15	1306E	1326	1425	N14	E42	3649	03	18.7	79D	SF		3	C		76		
0286		15	13352	1340*	1414	N07	E28	3644	03	17.7	39	SF	C 1.5				36		F
	RAMY	15	1335	1440	1440	N07	E25	3644	03	17.4	65	SF	C 1.5	3	C		36		F
	KANZ	15	1337	1340	1348	N07	E30	3644	03	17.8	11	SF		3					
0287		15	14403	14407	1501	N08	W62	3634	03	11.0	21	SN	C 1.6				85		F
	HOLL	15	1440	1440	1508	N08	W60	3634	03	11.1	28	SN	C 1.6	2	C		85		F
	KANZ	15	1443	1447	1454	N08	W63	3634	03	10.9	11	SN		3					
0288	KANZ	15	1525	1525	1533	N14	E03	3639	03	15.9	8	SB		3					
0289	RAMY	15	1559	1559	1614	S08	E23	3643	03	17.4	15	SF		3	C		52		
		15	1740		1902	No Flare Patrol													
		15	1934		2019	No Flare Patrol													
0290	LEAR	15	2324E	2326U	2408	S08	E18	3643	03	17.3	44D	SN		3	C		95		F
0291		15	23352	23401	2536	N10	E18	3644	03	17.3	121	1B					538	6.4	EFIS
	MANI	15	2334E	2341	2425D	N09	E17	3644	03	17.2	51D	1B		1	V		420	4.7	
	CULG	15	2335	2341	2536	N11	E18	3644	03	17.3	121	2B			C	2341	740	8.1	FEIS
	LEAR	15	2337	2340	2536	N09	E18	3644	03	17.3	119	1B		3	C		453		FE
0292		16	0045E	0104	0134	N10	E16	3644	03	17.2	49D	1N					372	4.2	B
	YUNN	16	0045E	0055U	0134	N08	E16	3644	03	17.2	49D	1B			P	0055	402	4.5	B
	PURP	16	0104E	0104	0139D	N12	E15	3644	03	17.2	35D	1F			V	0104	343	3.9	
0293	LEAR	16	0057	0101	0109	N06	W58	3634	03	11.7	12	SN		3	C		35		
0294		16	0123*	0132*	0208	S08	E16	3643	03	17.2	45	SN					142	1.4	EF
	LEAR	16	0123	0132	0213	S09	E16	3643	03	17.2	50	SB		3	C		170		F
	PEKG	16	0133	0158	0210	S08	E17	3643	03	17.3	37	SN			C	0158	126	1.4	E
	YUNN	16	0134E	0140	0200	S07	E16	3643	03	17.3	26D	SN			P		129	1.4	
0295		16	01253	01271	0136	N02	E02	3640	03	16.2	11	SN					92	1.7	E
	YUNN	16	0125	0127	0134	N03	E01	3640	03	16.1	9	SN			C		161	1.7	E
	LEAR	16	0128	0128	0138	N02	E02	3640	03	16.2	10	SN		3	C		24		
0296	LEAR	16	0129	0133	0141	N13	E36	3649	03	18.8	12	SN		3	C		26		
0297	YUNN	16	0204	0207	0233	N14	E36	3649	03	18.8	29	SF			C		48	.7	D
0298		16	03091	03091	0322	S05	E19	3643	03	17.5	13	SN					37	.3	
	CULG	16	0309	0309	0316	S04	E19	3643	03	17.5	7	SF			C	0309	30	.3	
	LEAR	16	0310	0310	0328	S06	E19	3643	03	17.5	18	SN		3	C		44		
0299	LEAR	16	0320	0322	0337	N06	W59	3634	03	11.7	17	SF	C 3.8	3	C		29		F
0300		16	04041	04061	0414	N08	E22	3644	03	17.8	10	SF					59	.7	F
	YUNN	16	0404	0407	0411	N08	E23	3644	03	17.9	7	SF			C		48	.6	
	CULG	16	0405	0406	0416	N09	E21	3644	03	17.7	11	SF			C	0406	70	.8	F
0301	CULG	16	0412	0415	0417	N17	E34	3649	03	18.7	5	SN			C	0415	60	.8	
0302	PEKG	16	0423E	0423	0440D	N07	E23	3644	03	17.9	17D	SF			P	0423	126	1.5	D
0303		16	05231	0525	0530	N15	E34	3649	03	18.8	7	SN					43	.6	E
	CULG	16	0523	0525	0530	N16	E33	3649	03	18.7	7	SN			C	0525	40	.5	
	LEAR	16	0524	0525	0531	N14	E34	3649	03	18.8	7	SB		3	C		38		E
	MANI	16	0525E	0525U	0529D	N15	E35	3649	03	18.9	4D	SN		1	V		50	.7	

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0304	CULG	16	0526	0527	0531	N09	E18	3644	03	17.6	5	SF			C	0527	60	.7	F
0305	ABST	16	0601	0603	0608	S06	E16	3643	03	17.4	7	SF			C	0603	131	1.4	E
0306	ABST	16	0603	0605	0625	N06	W02	3640	03	16.1	22	SN			C	0605	87	.9	D
0307		16	0610*	0613*	0642	N14	E35	3649	03	18.9	32	SN	C 2.8				65	1.2	DFKV
	LEAR	16	0610	0613	0653	N13	E35	3649	03	18.9	43	SN	C 2.8	3	C		25		FK
	LEAR	16	0610	0639	0653	N13	E35	3649	03	18.9	43	SN		3	C		62		K
	ABST	16	0611	0613	0616	N15	E35	3649	03	18.9	5	SN			C	0613	87	1.2	DV
	ABST	16	0635	0638	0645	N15	E34	3649	03	18.8	10	SN			C	0638	87	1.2	D
0308	ABST	16	0615	0617	0624	S10	E45	3648	03	19.6	9	SN			C	0617	131	1.8	EV
0309	ABST	16	0618	0620	0630	S06	E15	3643	03	17.4	12	SN			C	0620	174	1.8	EJ
0310	ABST	16	0630	0632	0645	S10	E44	3648	03	19.6	15	SF			C	0632	87	1.3	D
0311		16	08082	0812	0816	S08	E14	3643	03	17.4	8	SF					62	.7	L
	KANZ	16	0808	0812	0816	S08	E13	3643	03	17.3	8	SF		3					L
	WEND	16	0810	0812	0816	S08	E15	3643	03	17.5	6	SF			C	0812	62	.7	
0312	HTPR	16	0832	0835	0844	N15	E32	3649	03	18.8	12	SF			C	0835	20	.2	
0313	KANZ	16	0950	0953	1004	N16	E24	3649	03	18.2	14	SF		3					
0314		16	10022	1006*	1024	S07	E22	3643	03	18.1	22	SN					81	.8	E
	HTPR	16	1002	1007	1030	S07	E23	3643	03	18.1	28	SF			C	1007	60	.6	E
	KHAR	16	1004E	1006	1014D	S08	E23	3643	03	18.1	10D	SF			V	1006			E
	MONT	16	1004	1008	1019	S07	E23	3643	03	18.1	15	SN			C	1008	100		
	KANZ	16	1004	1008	1023	S08	E22	3643	03	18.1	19	SN							E
	CATA	16	1015E	1020	1045D	S07	E22	3643	03	18.1	30D	S		2	P	1020	84	.9	
0315	KHAR	16	1026		1035D	N14	E31	3649	03	18.8	9D	SF			V	1026			D
0316		16	1035*	10468	1108	N04	W05	3640	03	16.1	33	SN	C 3.5				91	1.0	E
	KHAR	16	1031E	1046	1114D	N03	W04	3640	03	16.1	43D	SN			V	1054	150	1.6	E
	HTPR	16	1035		1053D	N04	W05	3640	03	16.1	18D	SN			C	1050	80	.8	E
	MONT	16	1046	1051	1102	N05	W04	3640	03	16.1	16	SF			C	1051	50		E
	KANZ	16	1046	1054	1110	N03	W05	3640	03	16.1	24	SN		3					
	ATHN	16	1046	1054	1217D	N04	W07	3640	03	15.9	91D	SB	C 3.5	2	V	1054	127	1.3	
	WEND	16	1050E		1112	N03	W03	3640	03	16.2	22D	SB			C	1051	50	.5	
0317	ATHN	16	1049	1107	1217D	S05	E14	3643	03	17.5	88D	1B	C 4.1	2	V	1107	255	2.7	
0318	HTPR	16	1123		1132D	N04	W05	3640	03	16.1	9D	SF			C	1125	30	.3	E
0319		16	1140	1140*	1203	S08	E13	3643	03	17.5	23	SN					70	.8	EF
	KANZ	16	1140	1140	1152	S08	E13	3643	03	17.5	12	SN		3					
	HTPR	16	1140	1142	1156	S07	E15	3643	03	17.6	16	SN			C	1142	80	.8	E
	RAMY	16	1146E	1210	1220	S08	E10	3643	03	17.2	34D	SN		3	C		60		F
0320	HTPR	16	1200		1208D	N04	W06	3640	03	16.0	8D	SF			C	1202	40	.4	E
0321		16	1248	12482	1300	N04	W06	3640	03	16.1	12	SF					23	.2	
	RAMY	16	1248	1248	1256	N04	W06	3640	03	16.1	8	SF		3	C		26		
	HTPR	16	1248	1250	1303	N04	W06	3640	03	16.1	15	SF			C	1250	20	.2	
0322		16	1308	13081	1318	N15	W08	3639	03	15.9	10	SN					65	.7	
	KANZ	16	1308	1308	1320	N15	W08	3639	03	15.9	12	SF		3					
	WEND	16	1308	1309	1316	N15	W07	3639	03	16.0	8	SN			C	1309	65	.7	
0323	RAMY	16	1339	1350	1403	S08	E11	3643	03	17.4	24	SF	C 2.3	3	C		25		
0324	KANZ	16	1541	1545	1549	S07	E12	3643	03	17.5	8	SF		3					
0325	RAMY	16	1943	1944	1947	N06	E15	3644	03	17.9	4	SN		3	C		30		
0326	RAMY	16	1955	1957	2002	N04	W06	3640	03	16.4	7	SF		3	C		45		
0327	PEKG	16	2350E	2350E	2612D	N09	E17	3644	03	18.3	142D	2N			P	2350	673	7.6	F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt Xray	See	Obs Type	Time (UT)	Area (10 ⁻⁶ Disk)	Measurement Apparent (Sq Deg)	Corr (Sq Deg)	Remarks
0328	YUNN	17	0128	0136	0148	N14	E27	3649	03 19.1	20	SF		C		48	.6	E	
0329	CULG	17	0141	0158	0228	S03	E05	3643	03 17.4	47	SB		C	0158	30	.3		
0330	VORO	17	0152	0154	0200	N26	E25		03 19.0	8	SF		C	0154	116	1.5	DJ	
0331		17	0153	0155	0203	N13	E26	3649	03 19.0	10	SB C 5.8				43	.5	DE	
	CULG	17	0153	0155	0201	N14	E26	3649	03 19.0	8	SB		C	0155	50	.6		
	YUNN	17	0153	0155	0206	N12	E26	3649	03 19.0	13	SN		C		32	.4	D	
	LEAR	17	0153E	0156	0202	N12	E27	3649	03 19.1	9D	SB C 5.8	3	C		46		E	
0332	CULG	17	0207	0209	0226	N03	W10	3640	03 16.3	19	SF		C	0209	60	.6		
0333	CULG	17	0239	0240	0247	S09	E13	3643	03 18.1	8	SF		C	0240	110	1.1		
0334		17	0239	0241	0252	N13	E26	3649	03 19.1	13	SB				60	.7		
	CULG	17	0239	0241	0246	N14	E25	3649	03 19.0	7	SB		C	0241	60	.7		
	LEAR	17	0243	0243	0258	N12	E27	3649	03 19.1	15	SN	3	C		61			
0335		17	0240	0242	0302	S04	E06	3643	03 17.5	22	1B C 9.0				288	3.5	FU	
	CULG	17	0240	0242	0254	S03	E06	3643	03 17.5	14	1B		C	0242	350	3.5		
	LEAR	17	0242	0246	0309	S05	E06	3643	03 17.6	27	1B C 9.0	3	C		225		UF	
0336	CULG	17	0302	0306	0335D	N04	W11	3640	03 16.3	33D	SN		P	0306	140	1.4	F	
0337	YUNN	17	0542	0544	0549	S09	W01	3643	03 17.2	7	SF		C		64	.7		
0338	LEAR	17	0614	0616	0627	S08	E01	3643	03 17.3	13	SF	3	C		23		F	
0339		17	0729	0736	0750	N04	W14	3640	03 16.3	21	SN				27	.3		
	CULG	17	0729	0736	0745D	N04	W12	3640	03 16.4	16D	SN		P	0736	30	.3		
	LEAR	17	0736	0736	0750	N04	W15	3640	03 16.2	14	SF	3	C		24			
0340	ABST	17	0757E	0757	0815	S10	E06	3643	03 17.8	18D	SF		P	0757	87	.9	D	
0341	ABST	17	0757E	0757	0815	S06	W01	3643	03 17.2	18D	SF		P	0757	131	1.3	E	
0342	KANZ	17	0829E	0829	0841	S07	E02	3643	03 17.5	12D	SF	3						
0343		17	0957	0958	1008	N12	E23	3649	03 19.1	11	SN C 5.0				47	.6		
	LEAR	17	0957	0959	1003D	N12	E23	3649	03 19.1	6D	SN C 5.0	3	C		47			
	WEND	17	0958E		1003	N12	E25	3649	03 19.3	5D	SN		C	0958	38	.4		
	KANZ	17	0958	0958	1005	N13	E22	3649	03 19.1	7	SN	3						
	CATA	17	1000	1000	1015	N12	E23	3649	03 19.1	15	S	2	C	1000	56	.7		
0344	KANZ	17	1032	1036	1043	S08	E01	3643	03 17.5	11	SF	3						
0345		17	1115	1115	1200D	S09	W01	3643	03 17.4	45D	S				169	1.7		
	CATA	17	1115	1115	1200D	S08	W04	3643	03 17.2	45D	S	2	P	1115	169	1.7		
	CATA	17	1115	1115	1200D	S10	E02	3643	03 17.6	45D	S	2	P	1115	169	1.7		
0346	CATA	17	1150	1150	1200	N19	E01		03 17.6	10	S	2	P	1150	56	.6		
0347		17	1238	1241	1250	S04	W06	3643	03 17.1	12	1N				195	2.0	D	
	LVOV	17	1238	1241	1251	S04	W06	3643	03 17.1	13	1N		C	1241	250	2.6	D	
	CATA	17	1240	1240	1250	S04	W07	3643	03 17.0	10	S	2	C	1240	140	1.5		
0348		17	1247	1250	1255	S07	W01	3643	03 17.4	8	1F				250	2.6	D	
	LVOV	17	1247	1250	1255	S07	E01	3643	03 17.6	8	SF		C	1250	150	1.6	D	
	LVOV	17	1247	1250	1255	S07	W03	3643	03 17.3	8	1F		C	1250	350	3.6	D	
0349	LVOV	17	1324	1333	1340	S12	E05	3643	03 17.9	16	SF		C	1333	100	1.0	D	
0350		17	1333	1336	1348	S08	E00	3643	03 17.6	15	SF				86	1.5	D	
	LVOV	17	1333	1336	1339	S08	E02	3643	03 17.7	6	SF		C	1336	150	1.5	D	
	RAMY	17	1340	1340	1358	S07	W02	3643	03 17.4	18	SF	3	C		21			
0351		17	1424*	1435	1452	N04	W18	3640	03 16.2	28	SF				46			
	RAMY	17	1424	1435	1457	N04	W18	3640	03 16.2	33	SF	3	C		59			
	HOLL	17	1444	1444	1448	N04	W18	3640	03 16.3	4	SF	2	C		32			

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0352		17	1425	1425	1440	N14	E17	3649	03	18.9	15	SB	C 3.4				88		F
	RAMY	17	1425	1425	1438	N14	E17	3649	03	18.9	13	SB	C 3.4	3	C		97		F
	HOLL	17	1425	1427U	1443	N14	E17	3649	03	18.9	18	SB		2	C		79		F
0353	HOLL	17	1558E	1558U	1602D	N03	W09	3651	03	17.0	4D	SB		3	C		155		F
0354	RAMY	17	1600	1601	1617	S07	W04	3643	03	17.4	17	SN		3	C		42		F
0355	RAMY	17	1603	1608	1616	N14	E17	3649	03	18.9	13	SF		3	C		21		F
0356	RAMY	17	1640	1657	1711	N07	E01	3644	03	17.8	31	SF		3	C		27		
0357	RAMY	17	1641	1647	1649	S10	W08	3643	03	17.1	8	SN	C 1.6	3	C		48		H
0358		17	1655	1659	1734	N04	W20	3640	03	16.2	39	SB	C 2.0				151		F
	RAMY	17	1655	1659	1747	N04	W22	3640	03	16.1	52	SN	C 2.0	3	C		146		F
	HOLL	17	1658E	1658U	1722	N03	W19	3640	03	16.3	24D	SB		3	C		156		F
0359	RAMY	17	1838	1846	1859	S10	W09	3643	03	17.1	21	SF		3	C		28		
0360	RAMY	17	1904	1913	1915	S08	W06	3643	03	17.3	11	SF		3	C		23		
0361	RAMY	17	2022	2023	2033	N18	E58	3650	03	22.3	11	SN	C 1.6	3	C		92		F
		17	2137		2146	No Flare Patrol													
0362	CULG	17	2157	2202	2212	S11	W10	3643	03	17.2	15	SN			P	2202	70	.7	F
0363	CULG	17	2209	2210	2213	S18	W11		03	17.1	4	SF			P	2210	120	1.2	
		17	2218		2223	No Flare Patrol													
0364		18	0020	0025*	0042	N13	E13	3649	03	19.0	22	SF	C 2.1				46	.6	EF
	LEAR	18	0020	0025	0042	N13	E12	3649	03	18.9	22	SF	C 2.1	3	C		33		F
	PEKG	18	0037E	0037	0037D	N13	E14	3649	03	19.1	22D	SF			P	0037	59	.6	E
0365		18	0036*	0037*	0050	S11	W13	3643	03	17.0	14	SN					88	1.2	EF
	LEAR	18	0036	0048	0056	S11	W13	3643	03	17.0	20	SN		3	C		44		F
	PEKG	18	0037E	0037	0043	S10	W13	3643	03	17.0	6D	SN			P	0037	63	.7	E
	VORO	18	0054		0106D	S12	W12	3643	03	17.1	12D	SF			C	0102	157	1.8	E
0366	PEKG	18	0037E	0037	0054	N08	W06	3644	03	17.6	17D	SF			P	0037	25	.3	D
0367	LEAR	18	0215	0229	0236	N03	E74	3652	03	23.6	21	SF		3	C				
0368		18	02232	02262	0245	N04	W27	3640	03	16.1	22	SN					182	2.7	DFJ
	VORO	18	0223	0226	0236D	N02	W28	3640	03	16.0	13D	1N			C	0226	314	4.0	DJ
	LEAR	18	0224	0228	0245	N04	W27	3640	03	16.1	21	SN		3	C		101		F
	CULG	18	0225	0226	0228D	N05	W27	3640	03	16.1	3D	SN			P	0226	130	1.4	
0369	LEAR	18	0233	0237	0245	S11	W14	3643	03	17.0	12	SN		3	C		37		F
0370		18	04032	04114	0430	S10	W14	3643	03	17.1	27	1B					256	2.4	EF
	LEAR	18	0403	0411	0411D	S11	W14	3643	03	17.1	8D	1B		3	C		317		FE
	YUNN	18	0405	0415	0430	S10	W14	3643	03	17.1	25	1B			C		321	3.4	F
	MANI	18	0411E	0411U	0411D	S09	W13	3643	03	17.2	25D	SN		1	V		130	1.4	F
	MITK	18	0420E		0426D	S09	W13	3643	03	17.2	6D	SN			P	0420			E
0371		18	04035	0414*	0433	S16	W18		03	16.8	30	1N	M 1.1				216	1.8	DEFGIS
	LEAR	18	0403	0414	0417D	S14	W17		03	16.9	14D	1B	M 1.1	3	C		350		FE
	CULG	18	0408	0414	0439D	S14	W16		03	17.0	31D	1B			P	0414	290	2.9	FIES
	YUNN	18	0415E	0415U	0433	S17	W20		03	16.6	18D	SN			P	0415	161	1.8	DG
	PEKG	18	0435E	0435	0435D	S17	W20		03	16.7	18D	SF			P	0435	63	.7	E
0372		18	04412	04454	0500	N06	W27	3640	03	16.2	19	SN					42	.6	DF
	YUNN	18	0441	0445	0458	N06	W27	3640	03	16.2	17	SF			C		48	.6	D
	LEAR	18	0443	0449	0501	N05	W27	3640	03	16.2	18	SN		3	C		35		F
0373		18	0521	05244	0543	N12	E07	3649	03	18.7	22	1B	C 3.9				156	2.1	DEF
	LEAR	18	0521	0524	0553	N13	E07	3649	03	18.7	32	SB	C 3.9	3	C		118		FE
	YUNN	18	0525E	0528	0533	N12	E07	3649	03	18.7	8D	1N			P		193	2.1	D

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Apparent (10 ⁻⁶ Disk)	Measurement Corr (Sq Deg)	Remarks
0374		18	0527	05292	0544	N18	E54	3650	03	22.3	17	SB	C 5.3				76	1.3	EF
	LEAR	18	0527	0529	0544	N17	E53	3650	03	22.2	17	SB	C 5.3	3	C		87		FE
	YUNN	18	0528E	0531	0533D	N19	E54	3650	03	22.3	5D	SB			P		64	1.3	
0375		18	0537	05394	0604	N08	W10	3644	03	17.5	27	SB	C 3.7				74	1.0	EF
	LEAR	18	0537	0539	0617	N08	W09	3644	03	17.5	40	SB	C 3.7	3	C		59		FE
	TACH	18	0543E	0543	0551	N07	W12	3644	03	17.3	8D	SN			C	0543	88	1.0	E
0376	TACH	18	0543E	0544	0551	N14	E04	3649	03	18.5	8D	SB			C	0544	132	1.5	E
0377		18	06302	06323	0646	N08	W10	3644	03	17.5	16	SN					69	1.0	E
	LEAR	18	0630	0632	0648	N08	W09	3644	03	17.6	18	SN		3	C		50		
	TACH	18	0632	0635	0643	N07	W12	3644	03	17.4	11	SN			C	0635	88	1.0	E
0378		18	06411	06403	0648	N13	E08	3649	03	18.9	7	SN					60	.8	DE
	ATHN	18	0630E	0640	0645D	N13	E10	3649	03	19.0	15D	SF		4	V	0640	64	.7	
	LEAR	18	0641	0643	0645	N11	E08	3649	03	18.9	4	SB		3	C		39		E
	TACH	18	0642	0643	0651	N14	E04	3649	03	18.6	9	SB			C	0643	88	1.0	D
	MANI	18	0642E	0645U	0648D	N14	E11	3649	03	19.1	6D	SF		1	V		50	.6	
0379		18	0712	07123	0724	N13	E10	3649	03	19.0	12	SB					63	.8	EF
	LEAR	18	0712	0712	0723	N13	E10	3649	03	19.0	11	SB		3	C		37		FE
	TACH	18	0712	0713	0719	N14	E09	3649	03	19.0	7	SN			C	0713	88	1.0	E
	ATHN	18	0712E	0715	0730	N13	E10	3649	03	19.0	18D	SB		4	V	0715	64	.7	
0380	LEAR	18	0738	0740	0751	N01	W10	3651	03	17.6	13	SF		3	C		44		F
0381	HTPR	18	0811	0812	0826	N14	E26		03	20.3	15	SN			C	0812	80	.9	E
0382		18	0818	0819	0828	S06	W14	3643	03	17.3	10	SB	C 2.6				122	1.6	E
	LEAR	18	0817E	0817U	0828	S08	W13	3643	03	17.4	11D	SN	C 2.6	3	C		84		
	HTPR	18	0818	0819	0828	S04	W14	3643	03	17.3	10	SB			C	0819	160	1.6	E
0383	HTPR	18	0818	0818	0825	S07	W18	3643	03	17.0	7	SB			C	0818	140	1.6	
0384		18	08452	08537	0936	N13	E08	3649	03	19.0	51	SN					85	1.0	EF
	LEAR	18	0845	0859U	0907D	N12	E07	3649	03	18.9	22D	SN		3	C		63		F
	HTPR	18	0845	0900	0948	N14	E10	3649	03	19.1	63	SN			C	0900	160	1.6	E
	YUNN	18	0847	0853	0924	N14	E08	3649	03	19.0	37	SN			C		32	.4	
0385	ATHN	18	0959E	1001	1013	S10	W05	3643	03	18.0	14D	SB		4	V	1001	95	1.0	
0386	HTPR	18	1020	1024	1028	N05	W33	3640	03	16.0	8	SN			C	1024	80	1.0	E
0387		18	1045*	10479	1055	N14	E07	3649	03	19.0	10	SB					140	1.4	E
	HTPR	18	1045	1047	1050	N14	E07	3649	03	19.0	5	SN			C	1047	200	2.0	E
	HTPR	18	1055	1056	1100	N14	E07	3649	03	19.0	5	SB			C	1056	80	.8	
0388		18	1115*	1125	1134	S06	W17	3643	03	17.2	19	SF					50	.5	E
	HTPR	18	1115	1125	1134	S06	W17	3643	03	17.2	19	SF			C	1125	40	.4	E
	HTPR	18	1135		1139D	S06	W17	3643	03	17.2	4D	SF			C	1139	60	.6	E
0389	HTPR	18	1119	1122	1132	S04	W12	3643	03	17.6	13	SF			C	1122	30	.3	E
0390		18	1209	12009	1211	N04	E67	3652	03	23.5	2	SN					47	2.1	
	ATHN	18	1155E	1200	1207	N02	E70	3652	03	23.7	12D	SN		4	V	1200	64	2.1	
	RAMY	18	1209	1209	1215	N05	E64	3652	03	23.3	6	SN		3	C		30		
0391	HTPR	18	1156	1203	1221	S10	W15	3643	03	17.4	25	SF			C	1203	60	.6	E
0392		18	1222	12241	1233	N04	W30	3640	03	16.3	11	SB					104	1.2	E
	ATHN	18	1220E	1225	1232D	N05	W28	3640	03	16.4	12D	SB		4	V	1225	127	1.5	
	HTPR	18	1222	1224	1233	N04	W33	3640	03	16.0	11	SN			C	1224	80	.9	E
0393	ATHN	18	1230E	1235	1240	S10	W05	3643	03	18.1	10D	SB	C 2.6	4	V	1235	159	1.7	
0394		18	1232	12306	1243	S05	W16	3643	03	17.3	11	SN					91	.9	E
	CATA	18	1230E	1230	1230D	S03	W14	3643	03	17.5	11D	S		2	P	1230	112	1.2	
	HTPR	18	1232	1233	1245	S05	W15	3643	03	17.4	13	SN			C	1233	100	1.0	E
	HTPR	18	1232	1236	1241	S06	W18	3643	03	17.2	9	SN			C	1236	60	.6	E

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0395		18	1324*	1335*	1415	S09	W19	3643	03	17.1	51	SN	C	5.7			111	.6	E
	HTPR	18	1324	1335	1350	S07	W18	3643	03	17.2	26	SN			C	1335	70	.7	
	RAMY	18	1333E	1355	1435	S10	W20	3643	03	17.1	62D	1B	C	5.7	3	C	204		
	HTPR	18	1355	1403	1419	S10	W20	3643	03	17.1	24	SN			C	1403	60	.6	E
0396	HTPR	18	1356		1423	S16	W20		03	17.1	27	SB			C	1357	150	1.5	E
0397	RAMY	18	1553	1555	1612	N05	W35	3640	03	16.0	19	SN			3	C	51		
0398	RAMY	18	1559	1602	1745	N12	E01	3649	03	18.7	106	SN			3	C	150		Z
0399	RAMY	18	1613	1613	1620	S04	W14	3643	03	17.6	7	SN			3	C	33		F
0400	RAMY	18	1742	1744	1748	S08	W18	3643	03	17.4	6	SF			3	C	23		
		18	1752		1837	No Flare Patrol													
		18	1942		2013	No Flare Patrol													
		18	2020		2031	No Flare Patrol													
		18	2116		2119	No Flare Patrol													
0401	CULG	18	2126	2135U	2241	S05	W19	3643	03	17.5	75	1B			P	2135	250	2.7	EFJ
0402	PALE	18	2204	2204U	2215D	S06	W23	3643	03	17.2	11D	SF			2	C	33		
0403	CULG	18	2232	2234	2239	S08	W23	3643	03	17.2	7	SN				C	2234	40	.4
		18	2247		2249	No Flare Patrol													
0404	CULG	18	2342	2343	2355	N09	W19	3644	03	17.6	13	1B			C	2343	240	2.6	EV
		18	2357		2400	No Flare Patrol													
		19	0000		0000	No Flare Patrol													
		19	0005		0026	No Flare Patrol													
0405	LEAR	19	0154	0157	0200	N01	E63	3652	03	23.8	6	SF			3	C	35		
0406	CULG	19	0219E	0221U	0221D	S03	W18	3643	03	17.7	2D	SN			P	0221	60	.6	
0407	LEAR	19	0252	0252	0257	N13	W03	3649	03	18.9	5	SF			3	C	23		
0408	LEAR	19	0318	0331	0353	S07	W26	3643	03	17.2	35	SN			3	C	74		F
0409		19	0405	0421*	0612	S05	W26	3643	03	17.2	127	2B	M	2.6			634	9.2	EFJK
	LEAR	19	0405	0421	0633	S06	W26	3643	03	17.2	148	SN			0	C	112		K
	LEAR	19	0405	0503	0633	S06	W26	3643	03	17.2	148	2B	M	2.6	0	C	798		FEK
	YUNN	19	0437E	0501U	0530	S06	W25	3643	03	17.3	53D	2B			P	0501	964	11.0	F
	CULG	19	0500E	0500U	0604D	S02	W26	3643	03	17.3	64D	2B			P	0500	660	7.4	JEF
0410	LEAR	19	0506	0508	0512	N01	E62	3652	03	23.8	6	SN			3	C	18		
0411	ISTA	19	0720		0724	S07	W23	3643	03	17.6	4	SF							E
0412	ISTA	19	0734		0738	S04	W23	3643	03	17.6	4	SF							D
0413	LEAR	19	0744	0745	0752	N08	W21	3644	03	17.7	8	SF			3	C	35		F
0414		19	0756	07572	0805	N18	E39	3650	03	22.3	9	SF					26	.5	DEF
	ISTA	19	0756		0803	N18	E40	3650	03	22.4	7	SF							E
	YUNN	19	0756E	0757	0807	N19	E39	3650	03	22.3	11D	SN			P		32	.5	D
	LEAR	19	0756	0759	0806	N18	E38	3650	03	22.2	10	SF			3	C	20		F
0415	LEAR	19	0806	0806	0817	N13	W06	3649	03	18.9	11	SN			3	C	34		
0416	LEAR	19	0807	0807	0819	N03	E61	3652	03	23.9	12	SF			3	C	22		
0417	LEAR	19	0848	0849	0859	N01	E60	3652	03	23.8	11	SN			3	C	49		F
0418	LEAR	19	0856	0858	0902	N00	W42	3640	03	16.2	6	SN			3	C	24		F
0419		19	0917	0927	0955	S06	W26	3643	03	17.4	38	SN	C	6.0			166	1.8	EF
	LEAR	19	0917	0926U	0955	S06	W26	3643	03	17.4	38	SN	C	6.0	3	C	173		F
	KHAR	19	0917E	0927	0947D	S05	W25	3643	03	17.5	30D	SN			P	0927	160	1.8	E

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																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0420	LEAR	19	0918	0921	0933	N13	W06	3649	03	18.9	15	SN		3	C		27		F
0421	KHAR	19	1023E	1023	1038D	S15	W30		03	17.2	15D	SF			P	1023	60	.7	D
0422	RAMY	19	1224	1225	1236	S08	W30	3643	03	17.3	12	SN		3	C		37		
0423		19	13076	1314	1347	N02	E58	3652	03	23.9	40	SN					86	1.1	EF
	RAMY	19	1307	1314	1347	N02	E58	3652	03	23.9	40	SN		3	C		111		F
	HTPR	19	1313		1323D	N03	E57	3652	03	23.8	10D	SF			C	1314	60	1.1	E
0424	RAMY	19	1359	1359	1406	N03	E58	3652	03	23.9	7	SF		3	C		17		
0425		19	1253*	1303*	1423	S07	W28	3643	03	17.4	90	SN					165	4.0	EK
	HTPR	19	1253		1456D	S07	W30	3643	03	17.3	123D	1N			C	1315	350	4.0	EK
	RAMY	19	1253	1303	1419	S08	W27	3643	03	17.5	86	SN		3	C		99		
	RAMY	19	1420	1421	1427	S07	W26	3643	03	17.6	7	SF		3	C		46		
0426		19	14242	1425	1448	N03	E57	3652	03	23.8	24	SN					61	1.0	EF
	RAMY	19	1424	1425	1454	N02	E57	3652	03	23.8	30	SN		3	C		72		F
	KANZ	19	1425	1425	1441	N04	E57	3652	03	23.9	16	SN		3					
	HTPR	19	1426		1456D	N03	E57	3652	03	23.9	30D	SF			C	1431	50	1.0	E
0427		19	14352	14411	1452	S07	W31	3643	03	17.3	17	SN					75		F
	RAMY	19	1435	1442	1452	S06	W31	3643	03	17.3	17	SN		3	C		75		F
	KANZ	19	1437	1441	1452	S08	W31	3643	03	17.3	15	SN		2					
0428		19	15302	15384	1748	S10	W30	3643	03	17.4	138	1B M 2.7					295		EF
	RAMY	19	1530	1538	1748	S10	W29	3643	03	17.5	138	1B M 2.7	3	C			295		FE
	KANZ	19	1532	1542	1542D	S11	W30	3643	03	17.4	10D	1N		1					
		19	1845		1854	No Flare Patrol													
0429		19	20544	21001	2118	S10	W36	3643	03	17.2	24	SB					144	1.5	EF
	BIGB	19	2054	2101	2118	S10	W36	3643	03	17.2	24	SB		3	C	2101	120	1.5	
	RAMY	19	2057	2100	2102D	S10	W36	3643	03	17.2	5D	SB		3	C		176		FE
	HOLL	19	2058	2100	2145D	S10	W36	3643	03	17.2	47D	SB		2	C		135		E
0430		19	21151	21161	2127	N15	W12	3649	03	19.0	12	SN					77	.8	F
	CULG	19	2115	2116	2126	N14	W13	3649	03	18.9	11	SN			C	2116	70	.8	F
	RAMY	19	2116	2116	2126	N15	W12	3649	03	19.0	10	SN		3	C		70		
	BIGB	19	2116	2117	2128	N15	W12	3649	03	19.0	12	SN		3	C	2117	90	.9	
0431	RAMY	19	2129	2131	2148	S07	W35	3643	03	17.3	19	SN		3	C		29		
0432	CULG	19	2135	2136	2138	S01	W49	3640	03	16.2	3	SF			C	2136	60	.9	
0433	CULG	19	2205	2206	2212	N03	W49	3640	03	16.2	7	SF			C	2206	40	.6	
0434		19	2254*	2258*	2512	S12	E68	3653	03	25.1	138	1B					90	1.5	F
	CULG	19	2254	2258	2709	S11	E66	3653	03	24.9	255	1N			C	2258	110		F
	MANI	19	2306	2308	2314	S14	E69	3653	03	25.2	8	SB		1	V		70	1.5	F
0435	CULG	19	2329	2331	2335	S12	W39	3643	03	17.0	6	SF			C	2331	40	.5	
0436		20	01023	01063	0142	N00	W31	3643	03	17.7	40	SN					70	.8	FG
	CULG	20	0102	0106	0207	S01	W31	3643	03	17.7	65	SN			P	0106	60	.7	F
	YUNN	20	0105	0109	0116	N01	W31	3643	03	17.7	11	SN			C		80	1.0	G
0437	YUNN	20	0105	0109	0121	N14	W51	3639	03	16.2	16	SN			C		32	.6	
0438	LEAR	20	0110	0110	0120	N14	W14	3649	03	19.0	10	SF		3	C		22		
0439		20	01308	01365	0145	N14	W16	3649	03	18.8	15	SN					89	1.2	J
	YUNN	20	0130	0136	0145	N14	W16	3649	03	18.8	15	SN			C		129	1.5	
	CULG	20	0136	0141	0146	N14	W17	3649	03	18.8	10	SN			C	0141	80	.9	J
	LEAR	20	0138	0140	0145	N14	W16	3649	03	18.8	7	SN		3	C		59		
0440	YUNN	20	0154	0209U	0213	N13	W17	3649	03	18.8	19	SN			P	0209	32	.4	
0441		20	0154*	0207	0216	S08	W40	3643	03	17.1	22	1N					94	2.1	
	YUNN	20	0154	0209U	0216	S07	W40	3643	03	17.1	22	1N			P	0209	161	2.1	
	LEAR	20	0207	0207	0215	S09	W39	3643	03	17.2	8	SN		3	C		26		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0442	LEAR	20	0250	0250	0255	N14	W16	3649	03	18.9	5	SN		3	C		46		
0443	CULG	20	0303E	0304	0311	S04	W34	3643	03	17.6	8D	SN			P	0304	30	.3	
0444	CULG	20	0323	0326	0335	S17	E30	3648A	03	22.4	12	SF			C	0326	60	.7	F
0445	LEAR	20	0437	0438	0445	N01	E49	3652	03	23.8	8	SF		3	C		35		
0446		20	0530	05303	0540	N14	W19	3649	03	18.8	10	SF					41	.4	
	YUNN	20	0530E	0530	0538D	N14	W19	3649	03	18.8	8D	SN			P		48	.6	
	LEAR	20	0530	0531	0543	N13	W18	3649	03	18.9	13	SF		3	C		44		
	CULG	20	0530	0533	0538	N14	W20	3649	03	18.7	8	SF			C	0533	30	.3	
0447		20	0549	0553	0603	S09	W15	3648	03	19.1	14	SN					27	.3	D
	CULG	20	0549	0553	0605	S09	W15	3648	03	19.1	16	SF			C	0553	20	.2	
	PEKG	20	0550E	0553	0601	S09	W15	3648	03	19.1	11D	SN			P	0553	34	.4	D
0448		20	06069	06124	0630	N13	W19	3649	03	18.8	24	SN C 2.1					88	.8	DFJ
	ABST	20	0606	0612	0612D	N14	W19	3649	03	18.8	6D	SN			P	0612	87	1.0	D
	LEAR	20	0607	0615	0642	N13	W18	3649	03	18.9	35	SN C 2.1	3		C		116		F
	CULG	20	0615	0616	0618	N13	W19	3649	03	18.8	3	SN			C	0616	60	.7	J
0449	CULG	20	0631	0636	0646	S04	W36	3643	03	17.6	15	SF			C	0636	80	.9	
0450		20	0658	0702	0747	S10	W42	3643	03	17.1	49	SN C 4.3					88	.5	FJ
	LEAR	20	0658	0702	0747	S10	W41	3643	03	17.2	49	SN C 4.3	3		C		137		F
	CULG	20	0658	0704U	0706D	S11	W42	3643	03	17.1	8D	SF			P	0704	40	.5	J
0451	CULG	20	0700	0700U	0705	N14	W20	3649	03	18.8	5	SF			P	0704	40	.4	J
0452		20	0730	0735	0752	S09	W39	3643	03	17.4	22	SF					155	2.1	E
	CATA	20	0730	0735	0750	S11	W37	3643	03	17.5	20	S		2	P	0735	68	.9	
	HTPR	20	0731E		0755	S07	W40	3643	03	17.3	24D	1F			C	0734	300	4.0	E
	YUNN	20	0734E	0734U	0740D	S08	W40	3643	03	17.3	6D	SF			P	0734	96	1.3	E
0453	LEAR	20	0946	0946	0951	N14	E62	3655	03	25.1	5	SF		2	C		23		
0454	KHAR	20	1113		1125D	N15	E66	3655	03	25.5	12D	SF			P	1114	40		D
0455	KHAR	20	1121		1126D	N08	E44	3652B	03	23.8	5D	SF			P	1121	70	.9	DH
		20	1246		1249	No Flare Patrol													
		20	1306		1316	No Flare Patrol													
0456	RAMY	20	1317E	1317U	1336	N04	E51	3652	03	24.4	19D	SF		3	C		46		
0457	RAMY	20	1318	1325	1338	S10	W45	3643	03	17.2	20	SF		3	C		34		
0458		20	1356	1410	1427	S08	W44	3643	03	17.3	31	SN C 2.3					90	1.6	E
	RAMY	20	1356	1410	1436	S08	W44	3643	03	17.3	40	SN C 2.3	3		C		59		
	HTPR	20	1413E		1418	S07	W43	3643	03	17.4	5D	SF			C	1416	120	1.6	E
0459	HOLL	20	1525	1526	1535	N16	W21	3649	03	19.0	10	SF		3	C		21		F
0460	RAMY	20	1533	1536	1539	N04	E40	3652	03	23.6	6	SF		3	C		30		
0461		20	1523*	16005	1631	N15	W22	3649	03	19.0	68	SF C 1.5					58		F
	RAMY	20	1523	1605	1635	N15	W22	3649	03	19.0	72	SF C 1.5	3		C		80		
	HOLL	20	1558	1600	1627	N15	W22	3649	03	19.0	29	SF		3	C		37		F
0462	HTPR	20	1643	1651	1705	N04	E33	3652	03	23.2	22	SF			C	1651	40	.5	E
0463		20	1646	1650	1702	N03	E41	3652	03	23.8	16	SF					41		
	HOLL	20	1646	1650	1700	N02	E41	3652	03	23.8	14	SF		3	C		41		
	RAMY	20	1646	1650	1703	N04	E41	3652	03	23.8	17	SF		3	C		41		
0464	HOLL	20	1829	1831	1837	S06	W49	3643	03	17.1	8	SF		3	C		26		
0465	HOLL	20	1835	1841	1844	N13	W25	3649	03	18.9	9	SF		3	C		23		F
0466	RAMY	20	1907	1907	2039D	S10	W44	3643	03	17.5	92D	SN		3	C		31		

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						Region	Cmd	Lat									Apparent (10 ⁻⁶ Disk)	Disk					
			20	1932	1936	No Flare Patrol																	
0467	HOLL	20	2048	2053	2059	S13	W19	3648	03	19.4	11	SF		3	C			21					
0468	HOLL	20	2111	2113	2124	S13	W19	3648	03	19.4	13	SF		3	C			27					
0469	HOLL	20	2149	2159	2222	S13	W20	3648	03	19.4	33	SF		3	C			46		F			
0470	HOLL	20	2300	2301	2305	S08	W47	3643	03	17.4	5	SF		3	C			32					
0471	LEAR	20	2329E	2330	2343	S13	W19	3648	03	19.5	14D	SF		3	C			31					
0472	YUNN	21	0106	0107	0135	S05	W54	3643	03	17.0	29	SN			C			32	.6	E			
0473	LEAR	21	0516	0517	0520	S05	W53	3643	03	17.2	4	SF	C 1.6	3	C			35					
0474		21	06201	06221	0630	N04	E32	3652	03	23.6	10	SF	C 1.7			0623		76	1.1	E			
	PEKG	21	0620	0623	0630	N05	E32	3652	03	23.6	10	SF			C			88	1.1	E			
	LEAR	21	0621	0622	0629	N04	E32	3652	03	23.6	8	SF	C 1.7	3	C			63					
0475	LEAR	21	0746	0746	0751	S06	W55	3643	03	17.2	5	SN	C 3.8	3	C			46		F			
0476	LEAR	21	0801	0801	0805	N03	E33	3652	03	23.8	4	SF		3	C			33					
0477		21	08201	08251	0830	N14	W34	3649	03	18.8	10	SN						64	.9				
	YUNN	21	0820	0825	0830	N14	W35	3649	03	18.7	10	SN			C		64	.9					
	LEAR	21	0821	0826	0830	N13	W34	3649	03	18.8	9	SF		3	C		65						
0478	RAMY	21	1144E	1217	1228	S09	W56	3643	03	17.3	44D	SF		3	C			76					
0479	RAMY	21	1337	1356	1410	S09	W59	3643	03	17.1	33	SN		3	C			28					
0480		21	1415*	1509*	1537	S08	W58	3643	03	17.2	82	SN						44		K			
	RAMY	21	1415	1509	1547	S08	W57	3643	03	17.3	92	SN		3	C		49		K				
	RAMY	21	1415	1541	1547	S08	W57	3643	03	17.3	92	SN		3	C		66		K				
	HOLL	21	1510	1510	1517	S08	W59	3643	03	17.2	7	SF		3	C		18						
0481	RAMY	21	1423	1425	1431	N03	W74	3640	03	16.1	8	SF		3	C								
0482	RAMY	21	1424	1426	1446	S14	W29	3648	03	19.4	22	SF		3	C			36					
0483	RAMY	21	1536	1536	1546	N04	W73	3640	03	16.2	10	SF	C 3.8	3	C								
0484	HOLL	21	1618	1627	1634	S06	W60	3643	03	17.2	16	SF		3	C			22					
0485	HOLL	21	1738	1742	1758	N11	W57	3644	03	17.4	20	SF	C 1.8	3	C			58					
0486		21	1755	1757	1834	N17	E07	3650	03	22.3	39	SB	C 4.6					144	.8	E			
	HOLL	21	1755	1757	1828	N17	E07	3650	03	22.3	33	SB	C 4.6	3	C		165		E				
	RAMY	21	1755	1757	1830	N18	E08	3650	03	22.3	35	SB		3	C		188						
	BIGB	21	1755	1757	1844	N17	E07	3650	03	22.3	49	SB		3	C	1757	80	.8					
0487		21	18591	19005	1928	S06	W61	3643	03	17.2	29	1B	C 9.5					152	3.9	EF			
	HOLL	21	1859	1905	1933	S04	W62	3643	03	17.1	34	1B	C 9.5	3	C		265		FE				
	RAMY	21	1900	1900	1901D	S08	W59	3643	03	17.4	10	SB		3	C		56						
	PALE	21	1900	1903	1921	S06	W61	3643	03	17.2	21	SN		3	C		108		F				
	BIGB	21	1900	1905	1931	S04	W62	3643	03	17.1	31	1B		3	C	1905	180	3.9					
0488		21	2013	2015	2026	N06	W62	3644	03	17.2	13	SB						82	1.5	H			
	HOLL	21	2013	2015	2025	N07	W63	3644	03	17.1	12	SN		3	C		88		H				
	RAMY	21	2013	2015	2025	N06	W62	3644	03	17.2	12	SB		3	C		87						
	BIGB	21	2013	2015	2028	N06	W62	3644	03	17.2	15	SB		3	C	2015	70	1.5					
0489		21	20201	2022	2032	S09	W61	3643	03	17.3	12	SB						64	1.5	H			
	RAMY	21	2020	2022	2030	S10	W61	3643	03	17.3	10	SB		3	C		68						
	HOLL	21	2021	2022	2028	S09	W62	3643	03	17.2	7	SB		3	C		54		H				
	BIGB	21	2021	2022	2039	S07	W61	3643	03	17.3	18	SB		3	C	2022	70	1.5					
0490	HOLL	21	2108	2110	2116	N13	E45	3655	03	25.3	8	SF		3	C			41					
0491		21	2127	21291	2136	S10	W63	3643	03	17.1	9	1B	C 3.1					84	2.6				
	HOLL	21	2127	2129	2138	S08	W63	3643	03	17.2	11	SN	C 3.1	3	C		49						
	CULG	21	2127	2130	2135	S11	W63	3643	03	17.1	8	1B			C	2130	120	2.6					

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0492		21	21471	21491	2202	S10	W36	3648	03	19.2	15	SN					68	1.0	F
	BIGB	21	2147	2149	2210	S10	W36	3648	03	19.2	23	SN		3	C	2149	80	1.0	F
	HOLL	21	2148	2150	2155	S10	W36	3648	03	19.2	7	SN		3	C		56		F
0493	HOLL	21	2152	2159	2203	S08	W63	3643	03	17.2	11	SF		3	C		15		
0494		21	22112	22144	2252	S10	W64	3643	03	17.1	41	SN					60	1.7	
	CULG	21	2211	2214	2317	S11	W64	3643	03	17.1	66	SN			C	2214	80	1.7	
	HOLL	21	2213	2218	2228	S08	W64	3643	03	17.1	15	SN		3	C		39		
0495	HOLL	21	2259	2259	2305	N16	W38	3649	03	19.1	6	SN		3	C		24		
0496		21	23192	23211	2324	N02	E22	3652	03	23.6	5	SF					46	.7	
	CULG	21	2319	2322	2324	N04	E21	3652	03	23.5	5	SF			C	2322	60	.7	
	HOLL	21	2321	2321	2325	N00	E22	3652	03	23.6	4	SF		2	C		33		
0497		21	23357	23494	2429	S08	W63	3643	03	17.2	54	SN					65	1.6	FK
	CULG	21	2335	2349	2441	S10	W63	3643	03	17.2	66	SB			C	2349	80	1.6	FK
	HOLL	21	2342	2353	2401	S08	W64	3643	03	17.2	19	SN		3	C		41		
	LEAR	21	2343E	2343U	2445	S06	W61	3643	03	17.4	62D	SF		3	C		73		F
0498	HOLL	22	0006	0016	0021	S08	W65	3643	03	17.1	15	SF	C 5.3	3	C		20		
0499	CULG	22	0030	0034	0046	N14	W40	3649	03	19.0	16	SN			C	0034	50	.7	
0500	YUNN	22	0044	0058	0105	S12	W35	3648	03	19.4	21	SN			C		161	2.0	E
0501	YUNN	22	0058	0101	0109	S08	W66	3643	03	17.1	11	1N			C		80		
0502	YUNN	22	0121	0125	0133	N19	E07	3650	03	22.6	12	SF			C		48	.6	
0503	YUNN	22	0133	0136	0149	S08	W65	3643	03	17.2	16	SN			C		64	1.5	
0504	YUNN	22	0133	0141	0153	S12	W35	3648	03	19.4	20	SN			C		113	1.4	E
0505	YUNN	22	0154	0200	0213	N20	E06	3650	03	22.5	19	SF			C		64	.7	E
0506	YUNN	22	0336E	0336U	0344	S08	W65	3643	03	17.3	8D	1N			P	0336	129	3.1	E
0507		22	05141	05162	0521	N16	W42	3649	03	19.0	7	SN	C 3.5				28	.4	D
	PURP	22	0514	0518	0521	N17	W42	3649	03	19.0	7	SN			C	0518	26	.4	D
	LEAR	22	0515	0516	0520D	N15	W41	3649	03	19.1	5D	SF	C 3.5	3	C		31		
0508		22	05514	05578	0632	N18	E01	3650	03	22.3	41	SB	C 8.6				221	2.6	EF
	MITK	22	0551	0557	0646	N18	E00	3650	03	22.2	55	SN			C	0557	418	4.8	E
	YUNN	22	0555	0600	0624	N18	E00	3650	03	22.2	29	1N			C		214		FE
	LEAR	22	0555	0600	0630	N16	E01	3650	03	22.3	35	1B	C 8.6	3	C		112	1.3	
	PURP	22	0559E	0600	0628	N18	E03	3650	03	22.5	29D	SB			C	0600	140	1.6	F
	MANI	22	0603E	0605	0622D	N19	E01	3650	03	22.3	19D	SB		1	V				
0509		22	06083	06102	0618	N15	W42	3649	03	19.1	10	SN					75	.8	F
	LEAR	22	0608	0610	0625	N15	W42	3649	03	19.1	17	SN			C		145		F
	YUNN	22	0609E	0610	0613	N16	W41	3649	03	19.1	4D	SF			P		64	1.0	
	MANI	22	0610E	0610U	0618D	N14	W41	3649	03	19.1	8D	SN		1	V		50	.8	
	PURP	22	0611	0612	0617	N16	W43	3649	03	19.0	6	SF			C	0612	40	.6	
0510		22	0652	06531	0707	N15	W44	3649	03	18.9	15	SN					48	.8	EF
	MANI	22	0651E	0653	0701	N14	W42	3649	03	19.1	10D	SN		1	V		65	1.0	
	LEAR	22	0652	0653	0720	N15	W46	3649	03	18.8	28	SF		3	C		40		F
	PURP	22	0653E	0654	0700	N16	W43	3649	03	19.0	7D	SN			C	0654	40	.6	E
0511		22	07042	07052	0709	S11	W41	3648	03	19.2	5	SN					57	.8	H
	YUNN	22	0704	0705	0709	S11	W43	3648	03	19.0	5	SN			C		64	.9	
	LEAR	22	0705	0706	0710	S12	W42	3648	03	19.1	5	SN		3	C		62		
	PURP	22	0706	0707	0709	S11	W39	3648	03	19.4	3	SN			P	0707	46	.6	H
0512		22	08252	08275	0836	S08	W67	3643	03	17.3	11	SN	C 4.4				17		F
	YUNN	22	0825	0832	0836	S08	W67	3643	03	17.3	11	SN			C		16		
	LEAR	22	0827	0827	0833D	S07	W67	3643	03	17.3	6D	SN	C 4.4	3	C		18		F
0513		22	0830	0832	0836	N20	E00	3650	03	22.3	6	SN					102	1.7	F
	LEAR	22	0830	0832	0833D	N19	E00	3650	03	22.3	3D	SN		3	C		60		F
	YUNN	22	0832E	0832U	0836	N20	E00	3650	03	22.3	4D	SN			P	0832	145	1.7	

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						Region											(10 ⁻⁶ Disk)			
0514		22	09081	09101	0915	S12	W40	3648	03	19.4	7	SN					48	.7	F	
	YUNN	22	0908	0911	0914	S12	W41	3648	03	19.3	6	SN			C		48	.7		
	LEAR	22	0909	0910	0916	S13	W40	3648	03	19.4	7	SN		3	C		48		F	
0515		22	0920	09285	0936	S07	W71	3643	03	17.1	16	SN					41		D	
	YUNN	22	0920	0928	0936	S07	W68	3643	03	17.3	16	SN			C		32			
	KHAR	22	0930E	0933	0940D	S07	W74	3643	03	16.8	10D	SF			P	0933	50		D	
0516	KHAR	22	0956		1004D	N02	E17	3652	03	23.7	8D	SF			P	1000	40	.4	D	
0517	RAMY	22	1159	1204	1221	N19	W02	3650	03	22.3	22	SN		3	C		46			
		22	1238		1242	No Flare Patrol														
		22	1302		1323	No Flare Patrol														
0518	RAMY	22	1349	1353	1357	N12	E84	3659	03	28.9	8	SN		3	C					
0519		22	1356*	1419	1448	N18	W04	3650	03	22.3	52	1N C 4.3					183	2.3	DFJ	
	RAMY	22	1356	1419	1452	N18	W04	3650	03	22.3	56	SN C 4.3	3	C			166		F	
	LVOV	22	1414	1419	1443	N19	W04	3650	03	22.3	29	1F		C	1419	200	2.3	DJ		
0520	HOLL	22	1511	1516	1544	S12	W43	3648	03	19.4	33	SF		3	C		38			
0521	RAMY	22	1531	1602	1609	S11	W43	3648	03	19.4	38	SF		3	C		45			
0522	HOLL	22	1625	1626	1629	N11	E84	3659	03	29.0	4	SF C 9.4	3	C						
0523	RAMY	22	1656	1656	1703	N20	W05	3650	03	22.3	7	SF		3	C		37			
0524	HOLL	22	1708	1708	1712D	N10	E82	3659	03	28.9	4D	SF		3	C					
0525	HOLL	22	1725	1726	1729	N17	W51	3649	03	18.8	4	SF		3	C		19		F	
0526		22	1746*	1749*	1906	S12	W44	3648	03	19.4	80	1N C 5.7					190	2.8	FK	
	RAMY	22	1746	1836	2015D	S13	W45	3648	03	19.3	149D	1B C 5.7	3	C			356		K	
	HOLL	22	1749	1749	1755	S11	W44	3648	03	19.4	6	SF		3	C		19			
	BIGB	22	1822	1846	2015	S13	W45	3648	03	19.4	113	1B		3	C	1846	190	2.8		
	HOLL	22	1833	1839U	1907	S12	W44	3648	03	19.4	34	1N		3	C		194		F	
0527	HOLL	22	1901	1901	1907	N19	W49	3649	03	19.0	6	SF		3	C		19		F	
0528	RAMY	22	1927	1931	1946	N18	W51	3649	03	18.9	19	SF		3	C		18			
0529	RAMY	22	1930	1932	1936	N20	W07	3650	03	22.3	6	SF		3	C		39			
0530	CULG	22	2117	2120	2133	S10	W77	3643	03	17.1	16	SF			C	2120	40			
0531	CULG	22	2201	2206	2227	S17	W49	3648	03	19.2	26	SF			C	2206	70	1.1		
0532	CULG	22	2214	2217	2224	N16	W58	3649	03	18.5	10	SF			C	2217	20	.4		
0533		23	0136	01432	0157	N17	W53	3649	03	19.0	21	1N					130	3.4	JU	
	CULG	23	0136	0143	0158	N16	W53	3649	03	19.0	22	1N			C	0143	160	2.9	UJ	
	YUNN	23	0140E	0145	0155	N18	W54	3649	03	18.9	15D	1N			P		193	3.8		
	LEAR	23	0152E	0152U	0157	N18	W53	3649	03	19.0	5D	SF		2	C		37			
0534		23	0210	02123	0222	N08	W80	3644	03	17.1	12	SF					32			
	LEAR	23	0210	0212	0225	N08	W79	3644	03	17.2	15	SF		3	C					
	YUNN	23	0210	0215	0218	N09	W81	3644	03	17.0	8	SF			C		32			
0535	YUNN	23	0320	0324	0328	N08	W82	3644	03	17.0	8	SF			C		32		D	
0536	CULG	23	0328	0331	0343	S15	W54	3648	03	19.0	15	SF			C	0331	20	.3		
0537		23	03293	03391	0404	N21	W08	3650	03	22.5	35	SF					87	1.0	EF1	
	CULG	23	0329	0341U	0400U	N21	W08	3650	03	22.5	31U	SN			P	0341	140	1.5	F1	
	LEAR	23	0331	0339	0421	N20	W07	3650	03	22.6	50	SF		3	C		90		F	
	YUNN	23	0332	0340	0348	N21	W08	3650	03	22.5	16	SF			C		32	.4	E	
0538		23	05182	05224	0536	N10	E80	3659	03	29.2	18	1B					48		EF	
	LEAR	23	0518	0522	0536	N10	E77	3659	03	29.0	18	SB		3	C				FE	
	YUNN	23	0520	0526	0536	N11	E82	3659	03	29.4	16	1N			C		48			

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/	CMP	Dur	Imp	Obs	Time	Area Measurement		Corr	Remarks		
								Region						Mo	Day			(Min)	Opt
0539	HTPR	23	0710	0713	0719	N12	E77	3659	03	29.1	9	SF		C	0713	30		E	
0540		23	0724	0724	0732	N18	W57	3649	03	19.0	8	SN				26	.3		
	YUNN	23	0724E	0724U	0729	N18	W57	3649	03	19.0	5D	SF		P	0724	16	.3		
	LEAR	23	0724	0724	0735	N18	W57	3649	03	19.0	11	SN		3	C		35		
0541		23	0741*	0749*	0807	N12	E77	3659	03	29.1	26	SN				30			
	LEAR	23	0741	0749	0820	N11	E76	3659	03	29.0	39	SN		3	C				
	HTPR	23	0748	0749	0752	N12	E77	3659	03	29.1	4	SF		C	0749	30			
	HTPR	23	0758	0802	0808	N12	E77	3659	03	29.1	10	SN		C	0802	30			
0542	HTPR	23	0822	1036	1100	S13	W59	3648	03	18.9	158	SN		C	1036	80	1.6	E	
0543	RAMY	23	1259	1259	1323	N08	E66	3659	03	28.5	24	SN C	3.3	3	C		14		
0544	LVOV	23	1411	1414	1424	N20	W63	3649	03	18.8	13	SN		C	1414	70		D	
0545	RAMY	23	1428	1436	1452	N07	E67	3659	03	28.6	24	SF		3	C		34		
0546	HOLL	23	1926	1928	1935	S13	W60	3648	03	19.3	9	SF		3	C		16		F
0547		23	2123	21274	2138	N05	E63	3659	03	28.6	15	SN				60	1.8	F	
	BIGB	23	2123	2127	2142	N05	E63	3659	03	28.6	19	SN		3	C	2127	80	1.8	
	HOLL	23	2123	2131	2135	N05	E63	3659	03	28.6	12	SN		3	C		41		F
0548		23	21452	21483	2218	S13	W61	3648	03	19.3	33	SN				96	1.7	F	
	HOLL	23	2145	2148	2211	S13	W61	3648	03	19.3	26	SN		3	C		111		F
	BIGB	23	2147	2151	2224	S13	W61	3648	03	19.3	37	SN		3	C	2151	80	1.7	
0549	HOLL	23	2240	2242	2245	S12	E57	3658	03	28.2	5	SF		3	C		20		
0550	YUNN	24	0036E	0040	0056	N13	E71	3659A	03	29.4	20D	SF		P		48			
0551	YUNN	24	0100E	0100U	0104	N19	W67	3649	03	18.9	4D	SF		P	0100	48		D	
		24	0401		0410	No Flare Patrol													
		24	0445		0450	No Flare Patrol													
0552	YUNN	24	0500	0504	0508	N11	E65	3659	03	29.1	8	SN		C		32		D	
0553	HTPR	24	0827		0831D	N13	E62	3659A	03	29.0	4D	SF		C	0830	40	.8	E	
0554	KANZ	24	0840	0852	0904	S17	E37	3656	03	27.2	24	SF		3					
0555		24	0848	0852	0911	N13	E62	3659	03	29.0	23	SN				48	1.1	E	
	KANZ	24	0848	0852	0911	N14	E62	3659	03	29.0	23	SN		3					
	YUNN	24	0851E	0856U	0911	N12	E62	3659	03	29.0	20D	SN		P	0856	48	1.1	E	
0556	YUNN	24	0928	0931	0940	N12	E64	3659	03	29.2	12	SN		C		32		D	
0557	KANZ	24	0954	0954	1005	N14	E62	3659A	03	29.1	11	SF		3					
0558		24	1036	1040	1048	N11	E59	3659	03	28.9	12	SN				109	2.4	E	
	KANZ	24	1036	1040	1048	N12	E62	3659	03	29.1	12	SN		3					
	KHAR	24	1037E		1043D	N09	E60	3659	03	28.9	6D	1F		P	1038	150	3.4	E	
	CATA	24	1040E	1040	1040D	N11	E55	3659	03	28.6	6D	S		2	P	1040	68	1.3	
0559	KHAR	24	1051		1056D	N10	E69	3659	03	29.6	5D	SF		V	1051			D	
0560		24	1052	1056	1107	N16	E84		03	30.8	15	SN						D	
	KHAR	24	1051E		1100D	N14	E85		03	30.9	9D	SF		V	1054			D	
	KANZ	24	1052	1056	1107	N17	E83		03	30.8	15	SN		3					
0561	KANZ	24	1158	1202	1213	N14	E61	3659A	03	29.1	15	SN		3					
0562		24	12437	12503	1304	N10	E59	3659	03	29.0	21	SN				50	1.2	D	
	KANZ	24	1243	1250	1305	N12	E58	3659	03	28.9	22	SN		3					
	LVOV	24	1250	1253	1302	N08	E60	3659	03	29.0	12	SF		C	1253	50	1.2	D	
0563		24	13471	13483	1358	N16	E80	3659A	03	30.6	11	SN				47		D	
	LVOV	24	1347	1349	1355	N15	E85		03	31.0	8	SF		C	1349	50		D	
	WEND	24	1347	1351	1355	N16	E80		03	30.6	8	SF		C	1351	44			
	KANZ	24	1348	1348	1403	N17	E75	3659A	03	30.3	15	SB		3					

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Corr (Sq Deg)	Remarks
																	(10 ⁻⁶ Disk)			
0564	KANZ	24	1359	1407	1441	N14	E61	3659A	03	29.2	42	SN		2						
0565	KANZ	24	1533	1533	1537	N15	E08	3655	03	25.2	4	SF		3						
0566		24	16179	1629	1633	N12	E60	3659	03	29.2	16	SF					30	.6	E	
	HTPR	24	1617		1637D	N14	E62	3659	03	29.4	20D	SF		C	1628		30	.6	E	
	WEND	24	1626	1629	1633	N11	E59	3659	03	29.1	7	SF		C	1629		31	.6		
0567	BIGB	24	1730	1734	1746	S23	E90	3662	03	31.7	16	SB	C 6.1	3	C	1734	70			
0568	BIGB	24	2032	2034	2042	S24	E90	3662	03	31.8	10	SN		3	C	2034	60			
0569		24	2129	2150	2309	N12	E59	3659	03	29.3	100	1B					144	3.0	D	
	BIGB	24	2129	2150	2309	N12	E60	3659	03	29.4	100	1B		3	C	2150	100	2.1		
	VORO	24	2224E		2240D	N11	E58	3659	03	29.3	16D	1N		C	2225		188	3.8	D	
0570	YUNN	25	0042E	0050U	0117	N11	E51	3659	03	28.9	35D	SN			P	0050	96	1.7		
0571		25	0136E	0139U	0159	N12	E58	3659	03	29.4	23D	SN					95	1.9	EFJ	
	CULG	25	0136E	0142U	0148D	N14	E56	3659	03	29.3	12D	SN			P	0142	90	1.8	J	
	MANI	25	0138E	0139U	0141D	N12	E58	3659	03	29.4	3D	SN		1	V		80	1.5		
	YUNN	25	0143E	0145U	0203	N12	E60	3659	03	29.6	20D	1N			P	0145	113	2.5	F	
	PEKG	25	0146E	0146U	0155	N10	E57	3659	03	29.3	9D	SN			P	0146	97	1.9	E	
0572	YUNN	25	0207	0210	0221D	N13	E57	3659A	03	29.4	14D	SN			P		32	.7	D	
0573	CULG	25	0306U	0312U	0336U	N13	E56	3659A	03	29.3	30U	SF			P	0312	40	.8	DJ	
0574	ABST	25	0520	0521	0528	N14	E56	3659A	03	29.4	8	SN			C	0521	87	1.8	DV	
0575		25	0605	0608	0612	N12	E57	3659	03	29.5	7	1N					87	1.7	DF	
	PEKG	25	0605	0608	0612	N12	E54	3659	03	29.3	7	1N			C	0608	134	2.6	F	
	CULG	25	0617E	0617U	0640U	N11	E60	3659	03	29.8	23U	SF			P	0617	40	.8	D	
0576	HTPR	25	0638		0702	N14	E48	3659A	03	28.9	24	SF			C	0655	40	.6		
0577		25	0647	0648	0655	N16	E53	3659A	03	29.3	8	SN					30	.6	D	
	HTPR	25	0647	0648	0655	N15	E53	3659A	03	29.3	8	SN			C	0648	30	.5		
	CULG	25	0648E	0648U	0651U	N17	E53	3659A	03	29.3	3U	SN				0648	30	.6	D	
0578		25	07412	07455	0759	N14	E50	3659A	03	29.1	18	SN					40	.6	E	
	HTPR	25	0741	0745	0753	N15	E53	3659A	03	29.3	12	SN			C	0745	40	.6	E	
	HTPR	25	0743	0750	0805	N14	E48	3659A	03	28.9	22	SF			C	0750	40	.6		
0579	HTPR	25	0827	0832	0835	N14	E53	3659A	03	29.3	8	SF			C	0832	20	.3		
0580		25	0905*	09303	0942	N12	E48	3659	03	29.0	37	SF					20	.3	E	
	KANZ	25	0905	0933	0948	N12	E49	3659	03	29.1	43	SF		3						
	HTPR	25	0925	0930	0937	N13	E46	3659	03	28.9	12	SF			C	0930	20	.3	E	
0581	KANZ	25	1036	1040	1044	S20	E82	3662	03	31.7	8	SF		3						
0582	HTPR	25	1120	1126	1134	N14	E52	3659A	03	29.4	14	SN			C	1126	40	.6		
0583		25	1223	12264	1328	S16	E31	3656	03	27.9	65	SN					114	1.3	ES	
	HTPR	25	1223	1226	1328	S16	E30	3656	03	27.8	65	SN			C	1226	140	1.5	E	
	WEND	25	1227E	1230	1253D	S15	E32	3656	03	27.9	26D	SF			C	1230	87	1.1	S	
0584	WEND	25	1229	1230	1234	N11	E45	3659	03	28.9	5	SF			C	1230	44	.7		
0585	HTPR	25	1308	1309	1314	N12	W07	3655	03	25.0	6	SF			C	1309	30	.3		
0586	HTPR	25	1404	1405	1422	N09	E40	3659	03	28.6	18	SN			C	1405	30	.4	E	
0587		25	14057	1406*	1416	N14	E50	3659A	03	29.4	11	SF					40	.6	E	
	HTPR	25	1405	1406	1408	N14	E50	3659A	03	29.4	3	SF			C	1406	20	.3		
	HTPR	25	1412	1418	1423	N14	E50	3659A	03	29.4	11	SF			C	1418	60	.9	E	
0588	HTPR	25	1418	1424	1435	N12	E45	3659	03	29.0	17	SB			C	1424	60	.8	E	
0589	HTPR	25	1442	1451	1505	S13	W81	3648	03	19.5	23	SB			C	1451	60			

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																Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0590	HTPR	25	1453	1454	1456	S25	E78	3662	03	31.7	3	SN		C	1454	30		
0591	HTPR	25	1525	1528	1547	N09	E40	3659	03	28.6	22	SF		C	1528	30	.4	E
		25	1715		1720			No Flare Patrol										
		25	1915		1922			No Flare Patrol										
0592		25	2211	2218	2227	S14	E34	3658	03	28.5	16	2N				353	4.3	DV
	CULG	25	2211	2218	2227	S14	E34	3658	03	28.5	16	1B		C	2218	240	2.9	V
	VORO	25	2218E		2219D	S14	E34	3658	03	28.5	1D	2F		P	2218	466	5.7	D
0593		25	2308	2313	2328	N10	E34	3659	03	28.5	20	1B				145	1.9	EJ
	VORO	25	2308	2313	2328	N10	E33	3659	03	28.4	20	1N		C	2313	170	2.2	E
	CULG	25	2309U	2312U	2327D	N09	E34	3659	03	28.5	18U	SB		P	2312	120	1.6	EJ
0594		26	0208	02117	0234	N09	E31	3659	03	28.4	26	SN				124	1.5	EFJ
	CULG	26	0208	0211	0234	N10	E32	3659	03	28.5	26	SN		C	0211	90	1.1	J
	MANI	26	0209E	0210U	0216D	N09	E28	3659	03	28.2	7D	SB	1	V		140	1.7	F
	PEKG	26	0215E	0218	0233	N09	E33	3659	03	28.6	18D	SN		P	0218	143	1.8	E
0595	CULG	26	0339	0340U	0350	N19	E44	3661	03	29.5	11	SN		P	0340	50	.8	EV
0596		26	0348E	0353	0412D	N14	E44	3659	03	29.5	24D	SN				50	.8	J
	CULG	26	0348E	0350U	0412U	N13	E44	3659	03	29.5	24U	SN		P	0350	40	.7	J
	MANI	26	0350E	0353	0355D	N14	E45	3659	03	29.6	5D	SN	1	V		60	1.0	
0597	CULG	26	0505E	0507U	0535	S08	E29	3663	03	28.4	30D	SF		P	0507	30	.3	J
0598	MANI	26	0554E	0554U	0559D	S20	E71	3662	03	31.7	5D	SB	1	V		30	.7	
0599	HTPR	26	0635		0645	N13	E40	3659	03	29.3	10	SF		C	0637	30	.4	E
0600	HTPR	26	0635		0655	N08	E35	3659	03	28.9	20	SN		C	0648	100	1.2	E
0601		26	0640*	0650*	0724	N09	E29	3659	03	28.4	44	SB				121	1.4	EFJ
	HTPR	26	0640	0650	0657	N08	E28	3659	03	28.4	17	SN		C	0650	60	.7	E
	CULG	26	0703U	0706U	0709D	N10	E29	3659	03	28.5	6U	SB		P	0706	100	1.2	JE
	HTPR	26	0705	0708	0740	N08	E28	3659	03	28.4	35	1B		C	0708	220	2.4	E
	MANI	26	0706E	0707	0718	N09	E30	3659	03	28.5	12D	1B	1	V		200	2.5	FE
	WEND	26	0730E	0732	0742	N09	E30	3659	03	28.6	12D	SN		C	0732	25	.3	E
0602	HTPR	26	0704	0710	0743	S08	E35	3663	03	28.9	39	SF		C	0710	20	.2	
0603		26	0740	07582	0812	N16	E34	3659	03	28.9	32	SF				20	.2	
	HTPR	26	0740	0800	0818	N15	E34	3659	03	28.9	38	SF		C	0800	20	.2	
	KANZ	26	0757E	0758	0805	N16	E34	3659	03	28.9	8D	SF	3					
0604		26	09193	0923	0928	N09	E28	3659	03	28.5	9	SN				20	.2	L
	KANZ	26	0919	0923	0931	N10	E28	3659	03	28.5	12	SN						L
	HTPR	26	0922	0923	0926	N08	E27	3659	03	28.4	4	SF		C	0923	20	.2	
0605	HTPR	26	0935	1015	1115	S15	E20	3656	03	27.9	100	SF		C	1015	70	.7	
0606	HTPR	26	1125	1139	1150	N09	E27	3659	03	28.5	25	SF		C	1139	30	.3	E
0607	WEND	26	1134	1141	1147	N16	E56		03	30.7	13	SN		C	1141	38	.7	
0608	KANZ	26	1305	1313	1316	S09	E24	3658	03	28.3	11	SF	1					
0609	HTPR	26	1427	1448	1530	N09	E26	3659	03	28.5	63	SF		C	1448	50	.5	E
0610	WEND	26	1437	1443	1449	N19	W56	3650	03	22.3	12	SN		C	1443	44	.9	
0611		26	14452	14481	1500	N13	E37	3659	03	29.4	15	SN				85	1.0	
	KANZ	26	1445	1449	1500	N13	E36	3659	03	29.3	15	SF	1					
	HTPR	26	1447	1448	1455	N13	E36	3659	03	29.3	8	SN		C	1448	120	1.3	
	WEND	26	1447	1449	1504	N14	E40	3659	03	29.6	17	SN		C	1449	50	.7	
0612		26	1543*	1617	1649D	N11	E27	3659	03	28.7	66D	SN				30	.3	L
	KANZ	26	1543	1617	1624D	N09	E24	3659	03	28.4	41D	SN	2					L
	HTPR	26	1628		1649D	N13	E30	3659	03	28.9	21D	SN		C	1645	30	.3	

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																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
		26	1650		1700			No Flare Patrol											
		26	1702		1711			No Flare Patrol											
		26	2029		2035			No Flare Patrol											
		26	2052		2101			No Flare Patrol											
		26	2153		2216			No Flare Patrol											
0613	CULG	26	2245E	2245U	2248D	S09	E20	3658	03	28.4	3D	SN			P	2245	60	.7	D
0614		26	2253	2255	2319	N18	E48		03	30.6	26	1N					160	2.6	DJ
	CULG	26	2251E	2255U	2320U	N18	E46		03	30.4	29U	SN			P	2255	70	1.1	
	VORO	26	2253	2255	2319	N17	E50		03	30.7	26	1N			C	2255	251	4.2	DJ
0615	CULG	26	2356	2401	2405D	S09	E15	3658	03	28.1	9D	SF			P	2401	80	.8	
0616		27	0024	00255	0030	S13	E21	3658	03	28.6	6	SN					90	1.0	DE
	VORO	27	0024	0026	0029	S13	E22	3658	03	28.7	5	1F			C	0026	197	2.2	D
	PEKG	27	0025E	0025	0030	S14	E21	3658	03	28.6	50	SN			P	0025	76	.8	D
	CULG	27	0025E	0025U	0035D	S13	E21	3658	03	28.6	10D	SN			P	0025	30	.3	
	PEKG	27	0030E	0030	0030D	S11	E21	3658	03	28.6	10D	SN			P	0030	59	.6	E
0617	CULG	27	0050	0051	0056	S14	W22	3653	03	25.4	6	SF			C	0051	30	.3	
0618	CULG	27	0127	0128U	0155U	N11	E19	3659	03	28.5	28U	SF			P	0128	40	.4	
0619		27	0212	0213*	0324	N12	E31	3659	03	29.4	72	1N					259	3.9	EF IJK
	VORO	27	0212		0218D	N12	E34	3659	03	29.6	6D	1N			C	0216	367	4.8	EJK
	LEAR	27	0212	0213	0346	N13	E28	3659	03	29.2	94	SB			C		91		FE
	CULG	27	0216E	0218U	0314U	N12	E32	3659	03	29.5	58U	1B			P	0218	220	2.9	FIJ
	MITK	27	0220E	0223	0308	N12	E31	3659	03	29.4	48D	2N			C	0223	490	6.2	F
	PEKG	27	0246E	0254	0317	N11	E31	3659	03	29.4	31D	SN			P	0254	126	1.6	E
0620	MITK	27	0220E	0221	0433	N08	E38	3669	03	29.9	133D	1F			C	0221	300	4.1	
0621		27	0240	0246	0300	S08	E18	3663	03	28.5	20	SN					53	.6	EV
	CULG	27	0240	0241U	0256U	S08	E18	3663	03	28.5	16U	SN			P	0241	60	.7	V
	PEKG	27	0246E	0246	0300	S09	E18	3658	03	28.5	14D	SF			P	0246	46	.5	E
0622		27	0304	0305	0311	S10	E20	3658	03	28.6	7	SB					74	.8	E
	CULG	27	0303E	0303U	0305D	S10	E20	3658	03	28.6	2D	SB			P	0303	50	.6	
	PEKG	27	0304	0305	0311	S11	E19	3658	03	28.5	7	SN			P	0305	97	1.1	E
0623		27	04072	04111	0457	S10	E12	3658	03	28.1	50	1B	C 6.6				162	1.5	EFH
	MITK	27	0407	0412	0526	S09	E11	3658	03	28.0	79	1N			C	0412	240	2.5	E
	CULG	27	0409	0411	0413D	S09	E13	3658	03	28.1	4D	SB			P	0411	80	.9	
	LEAR	27	0409	0411	0428	S10	E11	3658	03	28.0	19	1B	C 6.6	3	C		221		FH
	PEKG	27	0410E	0412	0417D	S11	E12	3658	03	28.1	7D	SN			C	0412	109	1.2	E
0624		27	0407	04125	0433	S21	E59	3662	03	31.7	26	SF					54	.9	D
	LEAR	27	0407	0412	0438	S23	E58	3662	03	31.6	31	SN			C		70		
	CULG	27	0409U	0413U	0413D	S19	E59	3662	03	31.7	4U	SF			P	0413	50	1.0	
	PEKG	27	0412E	0417	0428	S22	E59	3662	03	31.7	16D	SF			C	0417	42	.8	D
0625	LEAR	27	0439	0442	0506	S14	E11	3658	03	28.0	27	SF			C		27		F
0626		27	04511	04553	0512	N08	E17	3659	03	28.5	21	SN					64	.6	EF
	LEAR	27	0451	0458	0516	N07	E18	3659	03	28.5	25	SB			C		88		FE
	PEKG	27	0452	0455	0508	N07	E17	3659	03	28.5	16	SN			C	0455	84	.9	E
	CULG	27	0456E	0456U	0506D	N09	E17	3659	03	28.5	10D	SN			P	0456	20	.2	
0627	ABST	27	0538	0540	0600	N14	E23	3659	03	29.0	22	SN			C	0540	174	2.0	EJ
0628	ABST	27	0543	0547	0555	S15	E03	3656	03	27.5	12	SF			C	0547	87	.9	D
0629		27	06426	06469	0709	S17	E31	3660	03	29.6	27	SF					90	1.4	EFJ
	ABST	27	0642	0646	0715	S18	E30	3660	03	29.6	33	1N			C	0646	174	2.1	FJ
	LEAR	27	0648	0655	0711	S17	E32	3660	03	29.7	23	SF			C		45		F
	PEKG	27	0654E	0654	0700	S17	E31	3660	03	29.6	6D	SF			P	0654	50	.6	E
0630	ABST	27	0723	0730	0745	N12	E26	3659	03	29.3	22	1F			C	0730	174	2.1	F
0631		27	07423	0750	0828	N17	E24	3658A	03	29.1	46	1N					140	1.7	EF
	ABST	27	0742	0750	0807	N16	E25	3658A	03	29.2	25	1N			C	0750	174	2.1	F
	BUCA	27	0745		0850	N18	E23	3658A	03	29.1	65	SF			C	0750	107	1.3	E

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Corr (Sq Deg)	Remarks
																	Apparent (10 ⁻⁶ Disk)			
0632	LEAR	27	0758	0800	0803	S14	W27	3653	03	25.3	5	SF		3	C		25			
0633		27	0912*	0915*	0941	N12	E22	3659	03	29.0	29	SN	C 3.1				74		.8	EF
	KANZ	27	0912	0915	0926D	N12	E19	3659	03	28.8	14D	SN		2						
	ATHN	27	0912	0915	0948	N12	E25	3659	03	29.3	36	SB	C 3.1	3	V	0915	64		.8	
	LEAR	27	0913	0915	0948	N11	E22	3659	03	29.0	35	SB		3	C		111			FE
	MONT	27	0913	0918	0941	N14	E22	3659	03	29.0	28	SF			C	0918	50			E
	WEND	27	0915	0915	0936	N11	E22	3659	03	29.0	21	SN			C	0915	47		.5	E
	PEKG	27	0925	0926	0935	N12	E21	3659	03	29.0	10	SF			C	0926	97		1.1	E
0634		27	10091	10095	1034	N08	E16	3659	03	28.6	25	SB	C 6.5				161		1.3	EH
	KHAR	27	1009E	1009	1030D	N06	E16	3659	03	28.6	21D	SB			P	1024	130		1.4	EH
	MONT	27	1009	1014	1031	N09	E16	3659	03	28.6	22	1B			C	1014	300			
	KANZ	27	1010	1010	1038	N08	E15	3659	03	28.5	28	SB		2						
	ATHN	27	1010	1013	1037	N11	E19	3659	03	28.8	27	SB	C 6.5	3	V	1013	127		1.5	
	WEND	27	1010	1014	1031	N08	E17	3659	03	28.7	21	SB			C	1014	88		1.0	
0635		27	10283	10294	1051	S11	E13	3658	03	28.4	23	SN					78		.7	
	KHAR	27	1028E	1029	1037D	S12	E13	3658	03	28.4	9D	SN			V	1029	50		.5	
	MONT	27	1028	1030	1037D	S10	E15	3658	03	28.6	9D	SN			C	1030	110			
	ATHN	27	1029	1033	1052	S13	E10	3658	03	28.2	23	SB		3	V	1033	111		1.2	
	KANZ	27	1030	1030	1057	S10	E14	3658	03	28.5	27	SN		2						
	WEND	27	1031	1031	1045	S09	E15	3658	03	28.6	14	SN			C	1031	41		.4	
0636		27	1125	11252	1132	S08	E14	3663	03	28.5	7	SF					9		.1	
	KANZ	27	1125	1125	1129	S09	E13	3663	03	28.4	4	SF		2						
	WEND	27	1125	1127	1135	S08	E14	3663	03	28.5	10	SF			C	1127	9		.1	
0637	KANZ	27	1216	1216	1220	S12	E16	3658	03	28.7	4	SF		2						
0638	KANZ	27	1239	1243	1251	S11	E14	3658	03	28.6	12	SF		2						
0639		27	14082	1415*	1538	N11	E18	3659	03	28.9	90	1B	M 4.9				382		3.6	EFJK
	KANZ	27	1408	1421	1547	N12	E18	3659	03	28.9	99	2B		2						
	HOLL	27	1409	1415	1544	N11	E19	3659	03	29.0	95	1B		3	C		473			FE
	LVOV	27	1409	1418	1516	N12	E18	3659	03	28.9	67	2N			C	1418	500		5.8	EJ
	RAMY	27	1410	1418	1547	N11	E18	3659	03	28.9	97	2B	M 4.9	3	C		587			FEK
	RAMY	27	1410	1520	1547	N11	E18	3659	03	28.9	97	1B		3	C		212			K
	WEND	27	1421E	1423	1527	N11	E19	3659	03	29.0	66D	SB			C	1423	138		1.5	
0640		27	15471	15473	1557	S10	E11	3658	03	28.5	10	SF					55		.3	
	KANZ	27	1547	1547	1555	S10	E11	3658	03	28.5	8	SN		2						
	RAMY	27	1547	1548	1557	S10	E11	3658	03	28.5	10	SF		3	C		71			
	HOLL	27	1547	1549	1558	S10	E12	3658	03	28.5	11	SF		3	C		65			
	WEND	27	1548	1550	1558	S09	E09	3658	03	28.3	10	SF			C	1550	28		.3	
0641	HOLL	27	1745	1750	1755	S23	E52	3662	03	31.7	10	SF		3	C		18			
0642		27	1821*	1843	1922	N12	E14	3659	03	28.8	61	SN	C 2.1				107		1.1	F
	HOLL	27	1821	1843	1909	N11	E17	3659	03	29.0	48	SN	C 2.1	3	C		114			F
	BIGB	27	1843	1843	1934	N14	E12	3659	03	28.7	51	SN		3	C	1843	100		1.1	
0643		27	1948	2020	2057	N11	E15	3659	03	28.9	69	SN	C 2.2				89		1.0	F
	BIGB	27	1948	2020	2057	N11	E15	3659	03	28.9	69	SN	C 2.2	3	C	2020	90		1.0	
	HOLL	27	1948	2020	2057	N11	E15	3659	03	28.9	69	SN	C 2.2	3	C		88			F
0644		27	21271	2128	2148	N08	W29	3665	03	25.7	21	SF					58		.8	F
	BIGB	27	2127	2128	2148	N08	W29	3665	03	25.7	21	SF		3	C	2128	70		.8	
	HOLL	27	2128	2128	2148	N08	W29	3665	03	25.7	20	SF		3	C		47			F
0645	HOLL	27	2143	2143	2148	N06	E09	3659	03	28.6	5	SF		3	C		26			
0646		27	22022	22067	2245	N10	E16	3659	03	29.1	43	SN	C 1.5				79		.9	F
	HOLL	27	2202	2206	2233	N10	E16	3659	03	29.1	31	SN	C 1.5	3	C		78			F
	BIGB	27	2204	2213	2257	N10	E16	3659	03	29.1	53	SN		3	C	2213	80		.9	
0647	HOLL	27	2304	2304	2315	S23	E51	3662	03	31.9	11	SF	C 1.5	3	C		39			F
0648	LEAR	28	0205	0205	0216	S11	E06	3658	03	28.5	11	SF		3	C		31			
0649		28	02182	02224	0234	N07	E06	3659	03	28.5	16	SN					54		.8	EF
	PEKG	28	0218	0222	0235	N08	E05	3659	03	28.5	17	SN			C	0222	76		.8	E
	LEAR	28	0220	0226	0233	N06	E06	3659	03	28.5	13	SN		3	C		32			F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0650		28	0304	03065	0322	S10	E05	3658	03	28.5	18	SB	C 3.8				222	1.3	EFH
	MITK	28	0304	0306	0325	S10	E05	3658	03	28.5	21	SN			C	0306			EH
	LEAR	28	0304	0307	0321	S11	E05	3658	03	28.5	17	1B	C 3.8	3	C		319		FE
	PEKG	28	0310E	0311	0320	S10	E04	3658	03	28.4	10D	SB			C	0311	126	1.3	E
0651	MITK	28	0354	0357	0451	S20	E37	3662	03	31.0	57	SN			C	0357			EH
0652	PEKG	28	0358E	0359	0401	N07	W63	3652	03	23.4	3D	SF			C	0359	34		D
0653	PEKG	28	0359E	0359	0359D	N12	E13	3659	03	29.1	3D	SN			C	0359	42	.5	E
0654		28	04325	04346	0451	S25	E44	3662	03	31.6	19	SN	C 6.8				73	.6	EFK
	LEAR	28	0432	0434	0457	S27	E46	3662	03	31.8	25	SB		3	C		100		K
	LEAR	28	0432	0440	0457	S27	E46	3662	03	31.8	25	SB	C 6.8	3	C		76		FEK
	PEKG	28	0437	0439	0440	S21	E41	3662	03	31.3	3	SF			C	0439	42	.6	E
0655		28	0547*	05594	0620	N11	E12	3659	03	29.1	33	SB	C 1.5				129	1.4	EFJ
	LEAR	28	0547	0559	0623	N10	E11	3659	03	29.1	36	SB	C 1.5	3	C		130		FE
	ABST	28	0557	0559	0617	N11	E14	3659	03	29.3	20	SN			C	0559	131	1.4	EJ
	ATHN	28	0600E	0603	0620	N12	E11	3659	03	29.1	20D	SB		3	V	0603	127	1.4	
0656	LEAR	28	0611	0621	0628	S11	E03	3658	03	28.5	17	SF		3	C		30		
0657	ATHN	28	0612	0614	0629	S05	E11	3663	03	29.1	17	SN		3	V	0614	80	.8	
0658		28	06252	0630*	0759	N12	E16	3659	03	29.5	94	1N	C 9.6				300	3.4	EFJUZ
	LEAR	28	0625	0653	0844	N13	E15	3659	03	29.4	139	1B	C 9.6	3	C		261		ZU
	ATHN	28	0626	0630	0809	N11	E19	3659	03	29.7	103	1B		3	V	0630	318	3.5	
	PEKG	28	0627	0632	0644	N13	E16	3659	03	29.5	17	SN			C	0632	134	1.5	E
	ABST	28	0627	0656	0806	N12	E14	3659	03	29.3	99	SN			C	0656	131	1.4	FJ
	BUCA	28	0653E	0655	0825	N12	E16	3659	03	29.5	92D	2N			C	0655	644	7.3	U
	ISTA	28	0700E		0745	N13	E15	3659	03	29.4	45D	1B							FZ
	PEKG	28	0701E	0708	0759D	N13	E15	3659	03	29.4	58D	1N			P	0708	315	3.6	F
		28	0627	06328	0703	N10	E24	3668A	03	30.1	36	SN					138	1.6	E
0659	PEKG	28	0627	0632	0701	N09	E23	3668A	03	30.0	34	SF			P	0632	101	1.2	E
	ABST	28	0627	0640	0705	N10	E25	3668A	03	30.1	38	SN			C	0640	174	1.9	E
0660		28	07182	0721	0726	S13	E04	3658	03	28.6	8	SN					35		D
	LEAR	28	0718	0721	0730	S13	E03	3658	03	28.5	12	SN		3	C		35		
	ISTA	28	0720		0723	S13	E04	3658	03	28.6	3	SF							D
0661		28	08092	08141	0833	S15	W20	3656	03	26.8	24	SN					56	.6	EF
	ATHN	28	0809	0814	0838	S14	W19	3656	03	26.9	29	SB		3	V	0814	80	.9	
	LEAR	28	0811	0815	0828	S15	W20	3656	03	26.8	17	SF		3	C		57		F
	YUNN	28	0816E	0817U	0817D	S15	W21	3656	03	26.7	1D	SF			P	0817	32	.4	E
0662		28	0901*	0905*	0933	N10	E07	3659	03	28.9	32	SN	C 3.6				188	1.8	EFK
	ATHN	28	0901	0905	0933	N09	E10	3659	03	29.1	32	SB		3	V	0905	127	1.4	
	LEAR	28	0903	0909	0945D	N10	E06	3659	03	28.8	42D	1B		3	C		215		K
	LEAR	28	0903	0928	0945D	N10	E06	3659	03	28.8	42D	1B	C 3.6	3	C		261		FEK
	YUNN	28	0916	0920	0924	N11	E06	3659	03	28.8	8	SN			C		177	1.9	
	KHAR	28	0918E		0928D	N12	E07	3659	03	28.9	10D	SF			V	0920			
	YUNN	28	0926	0927	0943	N11	E08	3659	03	29.0	17	1N			C		257	2.8	
	KHAR	28	0928E		0934D	N10	E10	3659	03	29.1	6D	SF			P	0928	90	1.0	
		28	0902E	09047	0917	N07	E01	3659	03	28.4	15D	SN					89	.9	E
0663	KHAR	28	0902E	0904	0918D	N08	E02	3659	03	28.5	16D	SN			P	0906	130	1.3	
	YUNN	28	0909E	0911	0917	N07	E01	3659	03	28.4	8D	SN			P		80	.9	E
	CATA	28	0910E	0910	0920D	N07	E01	3659	03	28.4	10D	S		2	P	0910	56	.6	
0664		28	10041	10062	1019	S20	E39	3662	03	31.4	15	SN	M 2.1				137	1.8	
	ATHN	28	1004	1008	1019	S20	E41	3662	03	31.5	15	SB	M 2.1	3	V	1008	111	1.5	
	YUNN	28	1005	1006	1014D	S20	E38	3662	03	31.3	9D	1N			P		161	2.1	
	KHAR	28	1005E	1007	1016D	S21	E38	3662	03	31.3	11D	SN			P	1011	140	1.7	
0665	KHAR	28	1051E	1054	1103D	N10	E09	3659	03	29.1	12D	SF			P	1054	70	.8	
0666	KHAR	28	1138		1150D	N21	E06	3658A	03	28.9	12D	SF			V	1145	70	.8	D
0667	RAMY	28	1156E	1159	1222	N14	W43	3655	03	25.2	26D	SN		3	C		69		FU

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Area Measurement			Remarks	
						Region										Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0668	KHAR	28	1247E	1257	1310D	N08	E00	3659	03	28.5	23D	SF			P	1257	60	.6	E	
0669		28	1307*	1308*	1426	S20	E42	3662	03	31.7	79	1N	C 6.3				178	2.6	EFK	
	RAMY	28	1307	1308	1434	S20	E41	3662	03	31.7	87	SN		3	C		26		K	
	RAMY	28	1307	1322	1434	S20	E41	3662	03	31.7	87	1N	C 6.3	3	C		300		FEK	
	KHAR	28	1313E	1327	1411D	S20	E46	3662	04	1.1	58D	1N			P	1327	180	2.4	E	
	ATHN	28	1317	1321	1409	S20	E41	3662	03	31.7	52	1B		3	V	1321	207	2.8		
0670		28	13361	13391	1407	N09	E09	3669	03	29.2	31	SB	C 9.2				141	1.6	E	
	ATHN	28	1336	1340	1406	N06	E12	3669	03	29.5	30	SB		3	V	1340	175	1.9		
	RAMY	28	1337	1339	1408	N10	E07	3659	03	29.1	31	SB	C 9.2	3	C		139			
	KHAR	28	1337E	1340	1411D	N12	E07	3659	03	29.1	34D	SN			P	1340	110	1.2	E	
0671	RAMY	28	1408	1409	1415	S12	W02	3658	03	28.4	7	SF		3	C		35			
0672		28	1557*	1614*	1654	S16	E44	3664	04	1.0	57	SN	C 2.0				82		F	
	HOLL	28	1557	1614	1631	S16	E44	3664	04	1.0	34	SF		3	C		65		F	
	RAMY	28	1558	1641	1713	S15	E43	3664	03	31.9	75	SN	C 2.0	3	C		124			
	HOLL	28	1636	1644	1658	S16	E44	3664	04	1.0	22	SN		3	C		57		F	
0673	HOLL	28	1614	1614	1620	N11	W01	3659	03	28.6	6	SF		3	C		28			
0674	HOLL	28	1658	1709	1710	N12	E06	3659	03	29.1	12	SF		3	C		26			
0675	HOLL	28	1714	1714	1715	N11	W01	3659	03	28.6	1	SF		3	C		53			
0676	HOLL	28	1732	1734	1739	N12	E00	3659	03	28.7	7	SN	C 1.8	3	C		76			
		28	1811		1919	No Flare Patrol														
0677	HOLL	28	1936	1942	1947	N13	E08	3659	03	29.4	11	SF		3	C		36		F	
0678	HOLL	28	1948	1948	1954	N11	E02	3659	03	29.0	6	SF		3	C		51		F	
0679	HOLL	28	1958	2001	2010	N12	E06	3659	03	29.3	12	SN	C 1.9	3	C		153		F	
		28	2011		2018	No Flare Patrol														
		28	2035		2039	No Flare Patrol														
0680	HOLL	28	2125	2134	2144	S22	E38	3662	03	31.8	19	SF	C 1.9	3	C		155		F	
		28	2207		2215	No Flare Patrol														
0681		28	2358	23581	2444	N10	W00	3659	03	29.0	46	SN					68		F	
	LEAR	28	2334E	2359	2444	N09	W01	3659	03	28.9	70D	SN		3	C		111		F	
	HOLL	28	2358	2358	2401D	N12	W00	3659	03	29.0	3D	SF		3	C		25		F	
0682	CULG	28	2350	2354	2404	S12	W05	3658	03	28.6	14	SF			C	2354	20	.2		
0683	CULG	29	0015	0020	0037	N07	W08	3659	03	28.4	22	SN			C	0020	40	.4	E	
0684		29	00313	00344	0048	S16	W26	3656	03	27.0	17	SN					84	1.0	JT	
	CULG	29	0031	0034	0050	S17	W25	3656	03	27.1	19	SN			C	0034	40	.4	JT	
	YUNN	29	0034	0038	0046	S15	W26	3656	03	27.0	12	SN			C		129	1.5		
0685	CULG	29	0059	0101	0106	N21	W01	3658A	03	29.0	7	SN			C	0101	40	.4	DJ	
0686		29	01141	01171	0140	S15	E11	3660	03	29.9	26	SN					88	.9	DJ	
	YUNN	29	0114	0117	0134	S16	E11	3660	03	29.9	20	SN			C		80	.9	D	
	CULG	29	0114	0118	0145	S15	E11	3660	03	29.9	31	SN			C	0118	40	.4		
	VORO	29	0115		0126D	S15	E10	3660	03	29.8	11D	SF			C	0119	143	1.5	DJ	
0687		29	01401	01461	0200	N08	W08	3659	03	28.5	20	SN					57	.6	DJ	
	YUNN	29	0140	0146	0154	N09	W08	3659	03	28.5	14	SN			C		64	.7	D	
	CULG	29	0141	0147	0206	N07	W09	3659	03	28.4	25	SN			C	0147	50	.5	DJ	
0688	YUNN	29	0146	0154	0159	S15	W27	3656	03	27.0	13	SN			C		64	.7		
0689	YUNN	29	0318	0322	0332	N08	W02	3659	03	29.0	14	SN			C		80	.9		
0690		29	0343	0359	0422	N08	W02	3659	03	29.0	39	SN					130	1.4	IK	
	YUNN	29	0343	0359	0417	N08	W02	3659	03	29.0	34	SN			C		161	1.7	KI	
	CULG	29	0354E	0358U	0428	N07	W03	3659	03	28.9	34D	SN			P	0358	100	1.0		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0691		29	0355	0406	0424	S20	E36	3662	03	31.9	29	1B					224	2.9	GH IJKVW
	CULG	29	0354E	0357U	0434	S19	E38	3662	04	1.1	40D	1B		C		0357	240	3.1	VWJ
	YUNN	29	0355	0406	0415	S20	E35	3662	03	31.8	20	1B		C			209	2.7	GHI
0692		29	0406*	0412*	0433	S15	W28	3656	03	27.0	27	SN					100	1.1	EJKTU
	YUNN	29	0406	0412	0415	S15	W28	3656	03	27.0	9	SN		C			96	1.1	EK
	CULG	29	0407	0441	0445	S16	W27	3656	03	27.1	38	SN		C		0411	90	1.0	UJT
	YUNN	29	0418	0432	0440	S15	W28	3656	03	27.0	22	SN		C			113	1.3	
0693		29	0410*	04246	0442	S28	E47		04	1.8	32	1N					142	2.2	GU
	CULG	29	0410	0424	0450	S26	E49		04	2.0	40	1N		C		0424	220	3.5	U
	YUNN	29	0428	0430	0434	S29	E45		04	1.7	6	SF		C			64	1.0	G
0694		29	0414	04161	0424	S13	W08	3658	03	28.6	10	SB					156	1.6	CD
	CULG	29	0414	0416	0427	S13	W06	3658	03	28.7	13	SB		C		0416	120	1.2	D
	YUNN	29	0416E	0417	0422	S13	W09	3658	03	28.5	6D	SN		P			193	2.0	C
0695		29	0434	0440	0500	N14	E04	3659	03	29.5	26	SN					78	.9	DJK
	CULG	29	0434	0440	0457	N14	E03	3659	03	29.4	23	SN		C		0440	60	.7	DJ
	YUNN	29	0434	0440	0503	N14	E04	3659	03	29.5	29	SN		C			96	1.1	K
0696	CULG	29	0449	0451	0458	N09	W05	3659	03	28.8	9	SN		C		0451	50	.5	J
0697	ABST	29	0503	0507	0520	N19	W05	3658A	03	28.8	17	SN		C		0507	174	1.9	DK
0698	ABST	29	0506	0507	0513	N08	W06	3659	03	28.8	7	SN		C		0507	174	1.9	DH
0699	CULG	29	0508	0509	0513	S15	W10	3658	03	28.4	5	SF		C		0509	30	.3	
0700	ABST	29	0519	0522	0531	S15	W30	3656	03	26.9	12	SF		C		0522	131	1.5	DH
0701	ATHN	29	0600E	0605	0607D	S16	W30	3656	03	27.0	7D	1N		2	V	0605	191	2.3	
0702	CULG	29	0608	0611	0622	N07	W50	3665	03	25.5	14	SF		C		0611	30	.5	
0703	ATHN	29	0612	0615	0620D	S13	W52	3653	03	25.3	8D	SN		2	V	0615	95	1.6	
0704		29	0631	06412	0656	N18	E17	3669A	03	30.6	25	SN					36	.4	DEK
	CULG	29	0631	0643	0655	N18	E16	3669A	03	30.5	24	SN		C		0643	40	.5	KE
	KANZ	29	0641E	0641	0656	N18	E17	3669A	03	30.6	15D	SN		2					
	YUNN	29	0641E	0646U	0646D	N18	E18	3669A	03	30.6	5D	SF		P		0646	32	.4	D
0705		29	07196	07241	0732	N10	W09	3659	03	28.6	13	SN					87	.9	DE
	ABST	29	0719	0724	0730	N11	W10	3659	03	28.5	11	SN		C		0724	87	.9	D
	KANZ	29	0725	0725	0733	N08	W08	3659	03	28.7	8	SN		3					E
0706	KANZ	29	0733	0733	0737	S14	W08	3658	03	28.7	4	SF		3					
0707	KANZ	29	0733	0733	0741	S17	W28	3656	03	27.2	8	SN		3					
0708	ABST	29	0753	0756	0801	N06	W06	3659	03	28.9	8	SF		C		0756	87	.9	D
0709		29	08031	08062	0813	S13	W10	3658	03	28.6	10	SN					111	1.2	D
	KANZ	29	0803	0807	0815	S14	W09	3658	03	28.6	12	SN		3					
	BUCA	29	0804		0809D	S14	W09	3658	03	28.6	5D	SN		C		0805	107	1.1	D
	ATHN	29	0805E	0808	0814	S11	W14	3658	03	28.3	9D	SB		2	V	0808	64	.7	
	YUNN	29	0806E	0806	0811	S14	W09	3658	03	28.6	5D	SF		C			161	1.7	
0710	KANZ	29	0819	0830	0848	S18	W14	3658	03	28.3	29	SN		3					
0711		29	09031	09094	0939	N09	W06	3659	03	28.9	36	1B	M 1.0				488	5.2	FHT
	KANZ	29	0903	0913	0953	N10	W06	3659	03	28.9	50	1B		2					H
	ATHN	29	0904	0909	0942	N07	W05	3659	03	29.0	38	1B	M 1.0	2	V	0909	382	4.1	
	YUNN	29	0908E	0910	0922	N09	W07	3659	03	28.8	14D	2N		P			595	6.4	FT
0712		29	0903*	09214	0935	S16	W31	3656	03	27.0	32	SN					144	1.7	T
	ATHN	29	0903	0923	0942	S16	W31	3656	03	27.0	39	SB		2	V	0923	127	1.5	
	YUNN	29	0918	0921	0930	S16	W31	3656	03	27.0	12	SN		C			161	1.9	T
	KANZ	29	0921	0925	0933	S17	W30	3656	03	27.1	12	SN		2					
0713		29	09423	09453	1015	N10	W07	3659	03	28.9	33	SN					129	1.4	FT
	YUNN	29	0942	0948	0950D	N11	W08	3659	03	28.8	8D	SN		P			129	1.4	FT
	KANZ	29	0945	0945	1015	N10	W06	3659	03	28.9	30	SN		2					

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																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0714	ATHN	29	0947	1022	1024D	S17	W31	3656	03	27.0	37D	SN		2	V	1022	80	1.0	
0715	KANZ	29	1030	1038	1114	N08	W12	3659	03	28.5	44	SB		2					H
0716	ATHN	29	1203	1207	1211D	S17	W32	3656	03	27.1	8D	SN		2	V	1207	80	1.0	
0717	KANZ	29	1205	1209	1212	N09	W15	3659	03	28.4	7	SN		2					L
0718		29	12051	12081	1220	S20	E27	3662	03	31.6	15	SN					64	.7	
	KANZ	29	1205	1209	1220	S20	E29	3662	03	31.7	15	SF		2					
	ATHN	29	1206	1208	1211D	S20	E25	3662	03	31.4	5D	SN		2	V	1208	64	.7	
0719	KANZ	29	1400	1400	1411	N06	W09	3659	03	28.9	11	SN		2					
0720	KANZ	29	1411	1411	1419	N18	E38	3667	04	1.5	8	SN		2					
0721	KANZ	29	1419	1435	1451	N08	W16	3659	03	28.4	32	SB		3					L
0722	KANZ	29	1431	1518	1537	S17	W34	3656	03	27.0	66	SN		3					
0723	KANZ	29	1458	1458	1601D	N09	W10	3659	03	28.9	63D	SN		3					
0724	KANZ	29	1558	1558	1601D	N18	E35	3667	04	1.3	3D	SF		2					
0725	RAMY	29	1757	1818	1827D	N13	W12	3659	03	28.8	30D	SN	C 2.0	3	C		102		
		29	1759		1807	No Flare Patrol													
0726	RAMY	29	1809	1817	1827D	S15	W36	3656	03	27.0	18D	1B	C 4.2	3	C		218		EF
		29	1828		2042	No Flare Patrol													
0727	CULG	29	2103	2112	2132	N08	W14	3659	03	28.8	29	SB			C	2112	150	1.7	FJ
0728	CULG	29	2128	2144	2155	S16	W37	3656	03	27.1	27	SF			C	2144	70	.9	JKT
0729	CULG	29	2142	2145	2200	N20	E31	3667	04	1.3	18	SN			C	2145	60	.8	DJ
0730	CULG	29	2221	2225	2244	N09	W20	3659	03	28.4	23	SF			C	2225	90	1.0	J
0731	CULG	29	2234	2243	2300	S18	E27	3664	04	1.0	26	1F			C	2243	260	2.9	E
0732	CULG	29	2304	2305U	2320	N03	E02	3669	03	30.1	16	SF			P	2305	40	.4	
0733		29	23188	23348	2415	N18	E32	3667	04	1.4	57	SN					85	.8	FJ
	LEAR	29	2318	2342	2415	N16	E32	3667	04	1.4	57	SN		3	C		134		F
	CULG	29	2326	2335U	2358U	N20	E30	3667	04	1.3	32U	SF			P	2335	80	1.0	J
	MANI	29	2333E	2334	2340D	N19	E35	3667	04	1.6	7D	SN		1	V		40	.6	
0734	LEAR	30	0027	0035	0042	N16	E32	3667	04	1.4	15	SF		3	C		29		F
0735		30	01257	01352	0142	N09	W16	3659	03	28.8	17	SN					98	1.1	ET
	YUNN	30	0125	0135	0145	N09	W16	3659	03	28.8	20	SN			C		96	1.1	ET
	PEKG	30	0132	0137	0140	N09	W15	3659	03	28.9	8	SF			C	0137	101	1.1	E
0736	YUNN	30	0153	0155	0200	N09	W15	3659	03	28.9	7	SF			C		48	.5	DT
0737		30	02303	02331	0237	N09	W23	3659	03	28.4	7	SN					116	1.6	DEFHT
	YUNN	30	0221E	0221U	0225	N09	W22	3659	03	28.4	4D	SN			P	0221	80	.9	DT
	PEKG	30	0230	0234	0240	N10	W22	3659	03	28.4	10	SN			C	0234	168	2.0	E
	YUNN	30	0231	0233	0240	N09	W23	3659	03	28.4	9	SN			C		96	1.1	T
	CULG	30	0232E	0235U	0258U	N08	W24	3659	03	28.3	26U	1N			P	0235	200	2.2	
	LEAR	30	0233	0233	0244	N09	W23	3659	03	28.4	11	SN		3	C		36		FH
0738		30	02348	02396	0259	N17	E30	3667	04	1.4	25	1B	M 2.1				160	2.0	EF
	CULG	30	0234	0240U	0301	N18	E30	3667	04	1.4	27	SB			C	0240	110	1.4	
	YUNN	30	0235	0239	0255	N16	E30	3667	04	1.4	20	1B			C		161	2.1	
	LEAR	30	0236	0240	0314	N16	E30	3667	04	1.4	38	1B	M 2.1	3	C		182		FE
	PURP	30	0239E	0239	0257	N17	E30	3667	04	1.4	18D	SB			C	0239	139	1.8	
	PEKG	30	0242	0245	0249	N17	E31	3667	04	1.5	7	1B			C	0245	210	2.7	E

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																Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0739		30	02362	02394	0250	S20	E15	3662	03	31.2	14	SN					53	.6	DEF
	PEKG	30	0236	0243	0256	S19	E15	3662	03	31.2	20	SN			C	0243	55	.6	D
	LEAR	30	0238	0240	0251	S20	E16	3662	03	31.3	13	SN		3	C		49		F
	CULG	30	0238	0240U	0252	S19	E16	3662	03	31.3	14	SN			C	0240	30	.3	
	PURP	30	0239E	0239	0246	S21	E16	3662	03	31.3	70	SB			P	0239	66	.7	E
	YUNN	30	0239E	0239	0247	S20	E15	3662	03	31.2	80	SN			C		64	.7	D
0740	LEAR	30	0313	0313	0321	N19	W17	3658A	03	28.8	8	SF		3	C		25		
0741	YUNN	30	0425E	0425	0437	N09	W19	3659	03	28.7	120	SN			C		113	1.3	ET
0742		30	05213	0524*	0741	N12	W12	3659	03	29.3	140	2B X 2.8					774	9.0	EF1JKUWZ
	ABST	30	0521	0541	0805	N12	W10	3659	03	29.5	164	2B			C	0541	870	9.6	FJ
	YUNN	30	0521	0543	0708D	N12	W12	3659	03	29.3	107D	3B			P		1286	14.3	FK1WZ
	LEAR	30	0522	0524	0826D	N13	W11	3659	03	29.4	184D	SB		3	C		151		K
	LEAR	30	0522	0549U	0826D	N13	W11	3659	03	29.4	184D	3B X 2.8	3	C			1202		ZUK
	PURP	30	0524	0535	0734	N15	W09	3659	03	29.5	130	2B			C	0535	884	9.9	ZWI
	PEKG	30	0524E	0540	0607D	N14	W11	3659	03	29.4	43D	2B			P	0540	966	10.8	UZ
	CULG	30	0621E	0621U	0621D	N10	W13	3659	03	29.3	43D	SN			P	0621	60	.7	
	ISTA	30	0625E		0725	N11	W15	3659	03	29.1	60D	1N							E
0743		30	05231	0529*	0556	N11	W00	3668A	03	30.2	33	1B					428	4.3	EFJKSUW
	ABST	30	0523	0530	0547	N10	W01	3668A	03	30.1	24	1N			C	0530	261	2.8	EJ
	YUNN	30	0524	0529	0545	N10	W01	3668A	03	30.1	21	1B			C		402	4.3	FKW
	PEKG	30	0524E	0538	0547D	N12	E00	3668A	03	30.2	23D	2B			P	0538	547	5.9	SU
	LEAR	30	0524	0541	0617	N11	E01	3668A	03	30.3	53	1B		3	C		503		F
0744		30	05489	05592	0628	N10	W24	3659	03	28.4	40	1B					406	4.8	EFJT
	ABST	30	0548	0559	0630	N10	W20	3659	03	28.7	42	1B			C	0559	435	5.0	EJ
	PEKG	30	0550	0600	0607D	N10	W25	3659	03	28.4	17D	1N			P	0600	334	4.0	F
	YUNN	30	0557	0601	0626	N09	W26	3659	03	28.3	29	2B			C		450	5.4	FT
0745		30	06071	06092	0646	N26	E04		03	30.6	39	1N					141	1.7	EGJK
	YUNN	30	0607	0609	0632	N26	E04		03	30.6	25	SF			C		64	.8	G
	ABST	30	0608	0611	0700	N26	E04		03	30.6	52	1N			C	0611	218	2.6	EJK
0746		30	07014	07062	0734	N09	W17	3659	03	29.0	33	SN					180	2.0	ETV
	MANI	30	0656E	0656U	0710D	N10	W14	3659	03	29.2	14D	SN		1	V		80	.9	
	YUNN	30	0701	0708	0732	N09	W19	3659	03	28.9	31	SN			C		113	1.3	ET
	ABST	30	0705	0706	0735	N09	W19	3659	03	28.9	30	1N			C	0706	348	3.8	EV
0747		30	0711	07168	0743	N18	E28	3667	04	1.4	32	SB					109	1.1	EF
	LEAR	30	0711	0716	0743	N17	E27	3667	04	1.3	32	SB		3	C		161		FE
	MANI	30	0713E	0716	0717D	N18	E28	3667	04	1.4	4D	SB		1	V		100	1.3	F
	YUNN	30	0720E	0724	0732D	N17	E27	3667	04	1.3	12D	SN			P		96	1.2	E
	HTPR	30	0726E		0743	N18	E30	3667	04	1.6	17D	SN			C	0728	80	.8	E
0748	HTPR	30	0726		0802D	N13	W02	3668A	03	30.1	36D	SF			C	0728	40	.4	E
0749		30	0726		0745	N10	W16	3659	03	29.1	19	SN					85	.8	E
	HTPR	30	0726E		0745	N10	W18	3659	03	28.9	19D	SF			C	0728	50	.5	E
	HTPR	30	0726E		0802D	N11	W13	3659	03	29.3	36D	SN			C	0728	120	1.2	E
0750	LEAR	30	0804	0809	0821	S20	E13	3662	03	31.3	17	SN		3	C		42		F
		30	0831		0840	No Flare Patrol													
0751	HTPR	30	0841		0852D	N10	W19	3659	03	28.9	11D	SN			C	0842	80	.8	E
		30	0853		0915	No Flare Patrol													
		30	0929		1151	No Flare Patrol													
0752		30	1152*	12211	1243	S21	E20	3662	04	1.0	51	1N					204	1.0	E
	RAMY	30	1152	1222	1248	S22	E19	3662	03	31.9	56	1N		3	C		309		
	HTPR	30	1218	1221	1238	S20	E20	3662	04	1.0	20	SN			C	1221	100	1.0	E
		30	1156		1209	No Flare Patrol													
0753	HTPR	30	1218	1221	1223	S13	W45	3656	03	27.1	5	SN			C	1221	30	.4	
0754	HTPR	30	1326		1337D	N08	W26	3659	03	28.6	11D	SF			C	1333	60	.6	E

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Corr (Sq Deg)	Remarks
						Lat	CMD	Region									(10 ⁻⁶)	Disk		
0755	RAMY	30	1326	1329	1341	S15	W47	3656	03	27.0	15	SN		3	C		50			
0756		30	14182	14233	1500	N09	W21	3659	03	29.0	42	1N					217	.7	EF	
	HOLL	30	1418E	1424U	1425D	N11	W20	3659	03	29.1	7D	1B		2	C		350		FE	
	RAMY	30	1418	1426	1504	N07	W23	3659	03	28.9	46	1B		3	C		231		FE	
	HTPR	30	1420	1423	1455	N10	W21	3659	03	29.0	35	SF			C	1423	70	.7	E	
0757	HTPR	30	1419	1425	1447	N08	W26	3659	03	28.6	28	SB			C	1425	100	1.1	E	
0758	HOLL	30	1506	1510	1518	S09	W35	3658	03	28.0	12	SF		2	C		24			
0759	HTPR	30	1507	1508	1519	S15	W53	3656	03	26.6	12	SN			C	1508	60	.9	E	
0760		30	1540*	1549*	1658	N08	W25	3659	03	28.8	78	SN					93	.8	EFK	
	HTPR	30	1540	1549	1620	N08	W28	3659	03	28.5	40	SN			C	1600	90	1.0	EK	
	HOLL	30	1545	1601	1638D	N09	W26	3659	03	28.7	53D	SN		2	C		140		F	
	RAMY	30	1545	1604	1732	N07	W25	3659	03	28.8	107	SN		3	C		91		K	
	RAMY	30	1545	1647	1732	N07	W25	3659	03	28.8	107	SN		3	C		99		FK	
	HTPR	30	1547	1606	1630	N09	W23	3659	03	28.9	43	SB			C	1606	40	.4		
	HTPR	30	1643		1700D	N09	W23	3659	03	29.0	17D	SN			C	1656	100	1.1	E	
0761		30	16002	1604*	1630	S14	W50	3656	03	26.9	30	SF	C 6.7				24		F	
	HOLL	30	1600	1604	1618	S15	W51	3656	03	26.8	18	SF	C 6.7	2	C		23		F	
	RAMY	30	1602	1625	1643	S14	W49	3656	03	27.0	41	SF		3	C		26			
0762	HTPR	30	1633		1700D	N17	W04	3669A	03	30.4	27D	SF			C	1637	40	.4	E	
0763		30	16441	1648	1811	N18	E22	3667	04	1.4	87	SN	C 8.3				118	1.2	E	
	RAMY	30	1644	1648	1811	N17	E22	3667	04	1.4	87	SN	C 8.3	3	C		116			
	HTPR	30	1645		1700D	N18	E22	3667	04	1.4	15D	SN			C	1649	120	1.2	E	
0764		30	1817	1821	1823	S20	E07	3662	03	31.3	6	SN					66	.9		
	RAMY	30	1817	1821	1823D	S20	E07	3662	03	31.3	6D	SN		3	C		42			
	BIGB	30	1817	1821	1823	S20	E07	3662	03	31.3	6	SN		3	C	1821	90	.9		
0765		30	22331	2245	2304	N08	W32	3659	03	28.5	31	SN					80	1.0	JK	
	CULG	30	2233	2245	2313	N07	W33	3659	03	28.5	40	SN			C	2245	80	1.0	JK	
	BIGB	30	2234	2245	2256	N09	W31	3659	03	28.6	22	SN		3	C	2245	80	1.0		
0766	CULG	30	2331	2339	2406	N18	E16	3667	04	1.2	35	SF			C	2339	60	.7	E	
0767		30	23362	23393	2419	N10	W30	3659	03	28.7	43	1B	M 1.2				258	3.1	EFJKT	
	VORO	30	2336	2339	2411	N07	W32	3659	03	28.6	35	1B			C	2339	394	4.8	EJK	
	CULG	30	2336	2341	2430	N07	W30	3659	03	28.7	54	SN			C	2341	160	1.9	JTK	
	BIGB	30	2338	2342	2416	N12	W28	3659	03	28.9	38	1B		3	C	2342	250	2.9		
	MANI	30	2340E	2341	2347D	N12	W28	3659	03	28.9	7D	1B	M 1.2	1	V		230	2.9	FE	
0768	CULG	30	2340	2345	2410	N19	W06	3669A	03	30.5	30	SF			C	2345	90	1.0	J	
0769		31	0042	0042U	0052D	N12	W26	3659	03	29.1	10D	1N	C 2.8				142	.7	F	
	LEAR	31	0042	0042U	0052D	N11	W25	3659	03	29.1	10D	1N		3	C		223		F	
	MANI	31	0042E	0046U	0048D	N12	W26	3659	03	29.1	6D	SF	C 2.8	1	V		60	.7	F	
0770	VORO	31	0104	0108	0120	N08	W34	3659	03	28.5	16	SN			C	0108	170	2.0	E	
0771		31	0124	0130	0150	N09	W33	3659	03	28.6	26	SN	C 8.1				87	.8	EFJT	
	YUNN	31	0124	0130	0143	N09	W34	3659	03	28.5	19	SN			C		80	1.0	ET	
	CULG	31	0126E	0135U	0149	N08	W34	3659	03	28.5	23D	SN			P	0135	60	.7	FJ	
	LEAR	31	0126E	0136U	0158	N10	W32	3659	03	28.6	32D	SB	C 8.1	2	C		122		FE	
0772	CULG	31	0133	0135	0154	S12	W40	3658	03	28.0	21	SF			C	0135	20	.3		
0773		31	02012	02032	0214	N08	W37	3659	03	28.3	13	1N	C 5.0				213	3.2	EFJTU	
	CULG	31	0201	0203	0225	N07	W37	3659	03	28.3	24	1N			C	0203	250	3.3	UJ	
	PURP	31	0203	0204	0208	N09	W37	3659	03	28.3	5	SN			C	0204	106	1.4	E	
	YUNN	31	0203E	0205	0210	N09	W38	3659	03	28.2	7D	1N			P		354	4.8	FT	
	LEAR	31	0203E	0205	0212	N08	W36	3659	03	28.4	9D	SN	C 5.0	3	C		141		F	
0774		31	0156*	02072	0223	S22	E08	3662	03	31.7	27	SN					77	.4	EF	
	LEAR	31	0156	0209	0233	S22	E08	3662	03	31.7	37	1N		3	C		203		F	
	YUNN	31	0206	0207	0210D	S21	E08	3662	03	31.7	4D	SN			P		32	.3	E	
	PURP	31	0206	0208	0218	S22	E09	3662	03	31.8	12	SB			C	0208	33	.4	E	
	CULG	31	0206	0209	0217	S21	E08	3662	03	31.7	11	SN			C	0209	40	.4	E	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF				CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Corr (Sq Deg)	Remarks			
						Lat	CMD	Region										Apparent (10 ⁻⁶ Disk)						
0775	YUNN	31	0225	0300	0311	N18	E16	3667	04	1.3	46	SF				C		64	.8					
0776		31	02261	02292	0258	N08	W31	3659	03	28.8	32	1B	C	6.3			0229	228	2.6	EFJT				
	CULG	31	0226	0229	0305	N07	W30	3659	03	28.8	39	1B			C	180		2.2	EJ					
	YUNN	31	0227	0231	0247	N08	W32	3659	03	28.7	20	1N			C	241		3.0	T					
	LEAR	31	0228E	0229U	0301	N08	W30	3659	03	28.8	33D	1B	C	6.3	2	C		262		FE				
0777	LEAR	31	0302	0302	0308	S16	W16	3660	03	29.9	6	SF			3	C		51						
0778	YUNN	31	0313E	0313U	0315	N08	W32	3659	03	28.7	2D	1N				P	0313	386	4.9	T				
0779	LEAR	31	0320	0322	0332	N17	E16	3667	04	1.3	12	SF			3	C		55						
0780		31	04073	0412*	0435	N08	W35	3659	03	28.5	28	1B	M	1.0			0413	191	3.7	EFJKT				
	YUNN	31	0407	0412	0433	N08	W36	3659	03	28.5	26	2N			C	418		5.6	T					
	CULG	31	0410E	0413U	0435U	N08	W35	3659	03	28.5	25U	SN			P	150		1.8	JT					
	LEAR	31	0410	0414	0436	N08	W35	3659	03	28.5	26	SB	M	1.0	3	C		158		FEK				
	LEAR	31	0410	0423	0436	N08	W35	3659	03	28.5	26	SB			3	C		37		K				
0781		31	0533	0533*	0659	N09	W34	3659	03	28.7	86	1N	M	1.4			0541	253	4.2	BEFJKT				
	CULG	31	0532E	0541U	0623D	N07	W33	3659	03	28.7	51D	1B			P	210		2.3	JTK					
	LEAR	31	0533	0533	0652	N11	W33	3659	03	28.7	79	SB			3	C		76		K				
	LEAR	31	0533	0620	0652	N11	W33	3659	03	28.7	79	SB	M	1.4	3	C		133		FEK				
	YUNN	31	0538E	0540	0542D	N08	W35	3659	03	28.6	4D	2N			P	482		6.3	FT					
	YUNN	31	0612E	0618	0631D	N08	W36	3659	03	28.5	19D	2N			P	579		7.7	BFT					
	HTPR	31	0658E		0713	N07	W33	3659	03	28.8	15D	SF			C	0705		40	.4	E				
0782		31	0744	0751	0814	S17	W18	3660	03	29.9	30	SN					0751	57	.6	E				
	YUNN	31	0744	0751	0755	S17	W18	3660	03	29.9	11	SF			C	64		.7	E					
	HTPR	31	0751E		0833	S17	W19	3660	03	29.9	42D	SN			C	50		.5	E					
0783	HTPR	31	0755	0802	0821	S15	W37	3658	03	28.5	26	SF				C	0802	30	.3	E				
0784	HTPR	31	0811	0812	0820	S11	W46	3658	03	27.9	9	SF				C	0812	20	.3	E				
0785		31	0744*	0751*	0843	N08	W39	3659	03	28.4	59	SB	M	4.2			0705	155	2.0	EFTU				
	HTPR	31	0658E		0720D	N09	W39	3659	03	28.4	22D	SF			C	30		.4	E					
	YUNN	31	0744	0751	0755	N08	W38	3659	03	28.5	11	SN			C	80		1.1	ET					
	HTPR	31	0751E		0844D	N09	W39	3659	03	28.4	53D	SB			C	120		1.2						
	TACH	31	0830E	0836	0851D	N09	W41	3659	03	28.3	21D	SB			C	115		1.6	E					
	BUCA	31	0830	0836	0856	N09	W37	3659	03	28.6	26	2B			C	430		5.8	U					
	LEAR	31	0831	0837	0858	N08	W39	3659	03	28.4	27	SB	M	4.2	3	C		181		UF				
	ATHN	31	0840E	0842	0903	N07	W39	3659	03	28.4	23D	SB			1	V		0842	127	1.7				
		31	0954		1303	No Flare Patrol																		
0786	RAMY	31	1229E	1232	1237	N18	E14	3667	04	1.6	8D	SF			3	C		22						
0787		31	1243	1244	1246	N06	W40	3659	03	28.5	3	SN						54						
	RAMY	31	1229E	1229U	1240	N05	W39	3659	03	28.6	11D	SN			3	C		87						
	RAMY	31	1243	1244	1251	N08	W41	3659	03	28.4	8	SF			3	C		22						
0788	RAMY	31	1253	1311	1442	S21	W02	3662	03	31.4	109	SN	C	4.2	3	C		162						
		31	1405		1409	No Flare Patrol																		
0789	RAMY	31	1442	1450	1510	N07	W39	3659	03	28.7	28	SN	C	6.6	3	C		52						
		31	1451		1457	No Flare Patrol																		
		31	1510		1521	No Flare Patrol																		
0790	RAMY	31	1511	1512	1521	N17	E10	3667	04	1.4	10	SF			3	C		29						
0791	RAMY	31	1511	1516	1529	N08	W41	3659	03	28.5	18	SB	C	5.1	3	C		74			EF			
0792		31	1533	1534*	1602	N08	W43	3659	03	28.4	29	SB	C	4.7			1554	78	1.7	EK				
	RAMY	31	1533	1534	1553D	N08	W42	3659	03	28.5	20D	SN			3	C		57		K				
	RAMY	31	1533	1551	1553D	N08	W42	3659	03	28.5	20D	SB			3	C		81		K				
	HOLL	31	1533	1551	1606	N09	W43	3659	03	28.4	33	SB	C	4.7	3	C		56		E				
	HTPR	31	1552E		1558	N08	W44	3659	03	28.4	6D	SN				C		120	1.7	E				

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MARCH 1982

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Apparent (10 ⁻⁶ Disk)	Measurement Corr (Sq Deg)	Remarks
0793	RAMY	31	1541	1541	1550	S21	W04	3662	03	31.3	9	SN		3	C		37		
0794	RAMY	31	1551	1603	1658	S15	W62	3656	03	27.0	67	SN		3	C		43		
0795		31	15542	15542	1606	S22	W06	3662	03	31.2	12	SN					61	.6	F
	RAMY	31	1554	1554	1614	S21	W05	3662	03	31.3	20	SB		3	C		83		
	HTPR	31	1554	1555	1559	S22	W07	3662	03	31.1	5	SN			C	1555	60	.6	
	HOLL	31	1556	1556	1605	S22	W05	3662	03	31.3	9	SF		3	C		39		F
0796		31	1628	16292	1633	S14	W44	3658	03	28.4	5	SF					22		
	HOLL	31	1628	1629	1633	S13	W44	3658	03	28.4	5	SF		2	C		22		
	RAMY	31	1628	1631	1633	S14	W43	3658	03	28.4	5	SF		3	C		21		
0797	HOLL	31	1641	1642	1644	N20	W48	3661	03	28.0	3	SF		3	C		19		
0798		31	17142	17152	1724	S20	W04	3662	03	31.4	10	SB C 3.5					105		E
	RAMY	31	1714	1715	1725	S21	W04	3662	03	31.4	11	SB C 3.5		3	C		144		E
	HOLL	31	1716	1717	1724	S20	W05	3662	03	31.3	8	SN		3	C		66		
0799	HOLL	31	1727	1729	1735	S12	W44	3658	03	28.4	8	SF		3	C		37		
0800	HOLL	31	1812	1820	1832	N09	W44	3659	03	28.4	20	SF		3	C		20		F
0801	HOLL	31	2120	2124	2135	N08	W43	3659	03	28.7	15	SN C 5.6		3	C		60		
0802		31	2223	22261	2337	N08	W43	3659	03	28.7	74	1B					310	4.5	FIW
	BIGB	31	2223	2226	2251	N11	W44	3659	03	28.6	28	1B		3	C	2226	210	3.0	
	MITK	31	2223	2227	2423	N06	W43	3659	03	28.7	120	2B			P	2227	400	5.9	F
	CULG	31	2225E	2232U	2303U	N06	W43	3659	03	28.7	38U	1B			P	2232	320	4.5	FIW
0803	CULG	31	2311	2334	2424D	S20	W02	3662	03	31.8	73D	1N			P	2334	300	3.0	FIU

"Remarks":

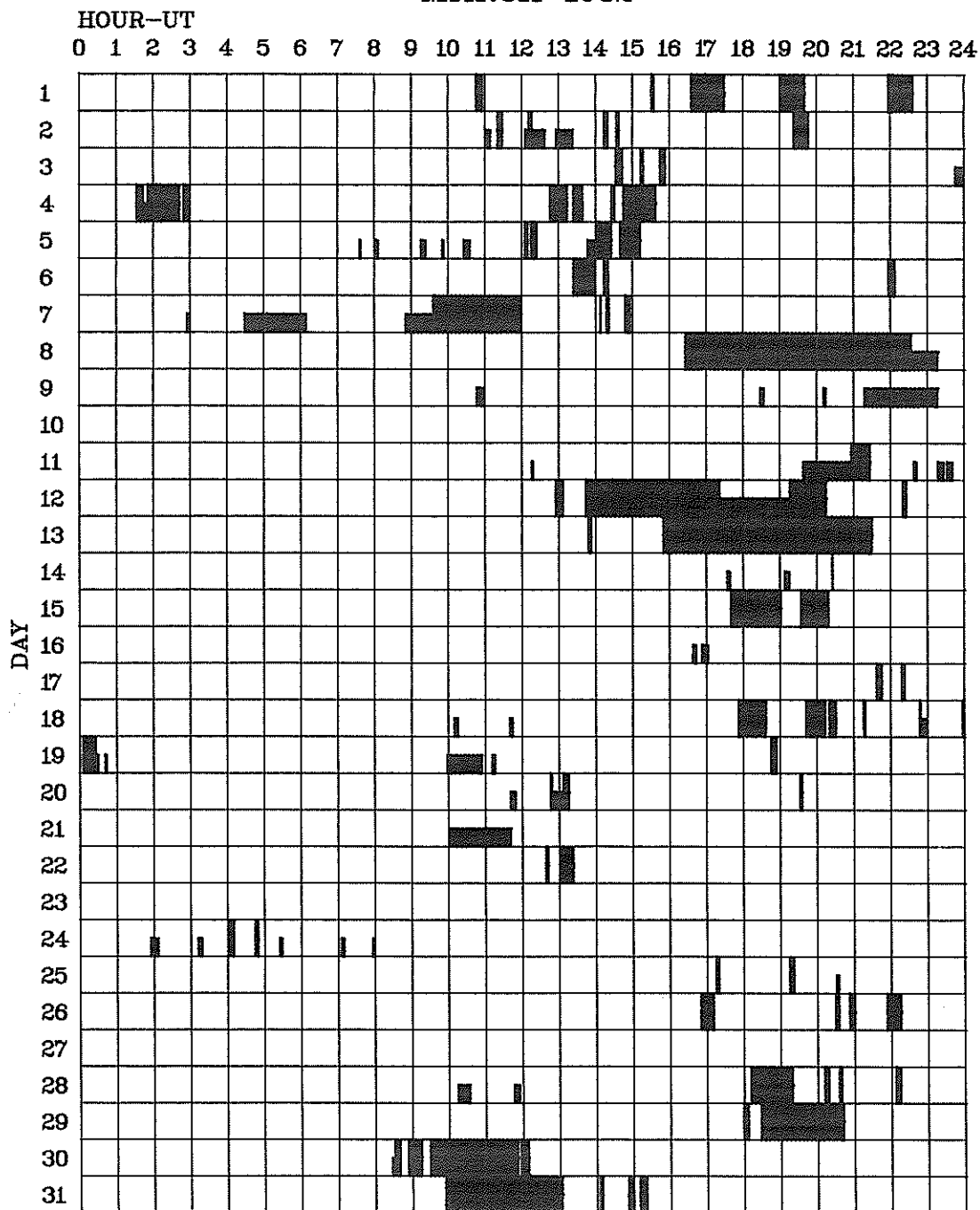
A = Eruptive prominence whose base is less than 90° from central meridian.
 B = Probably the end of a more important flare.
 C = Invisible 10 minutes before.
 D = Brilliant point.
 E = Two or more brilliant points.
 F = Several eruptive centers.
 G = No visible spots in the neighborhood.
 H = Flare accompanied by high-speed dark filament.
 I = Active region very extended.
 J = Distinct variations of plage intensity before or after the flare.
 K = Several intensity maxima.
 L = Existing filaments show signs of sudden activity.
 M = White-light flare.
 N = Continuous spectrum shows effects of polarization.

O = Observations have been made in the H and K lines of Ca II.
 P = Flare shows helium D3 in emission.
 Q = Flare shows Balmer continuum in emission.
 R = Marked asymmetry in H-alpha line suggests ejection of high-velocity material.
 S = Brightness follows disappearance of filament in same position.
 T = Region active all day.
 U = Two bright branches, parallel or converging.
 V = Occurrence of an explosive phase: important, expansion within roughly 1 minute that often includes a significant intensity increase.
 W = Great increase in area after time of maximum intensity.
 X = Unusually wide H-alpha line.
 Y = System of loop-type prominences.
 Z = Major sunspot umbra covered by flare.

INTERVALS OF NO FLARE PATROL OBSERVATION FOR PRECEDING SOLAR FLARE TABLE

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Times of no flare patrol, shown here as shaded areas, combine reports from the observatories listed below. Portions of a panel completely shaded mark dates and times of no patrol of any kind, that is, of neither visual nor cinematographic; portions of a panel with only the bottom half shaded mark times of strictly visual patrol.

Abastumani
Athens
Big Bear
Bucharest
Catania

Culgoora
Georgiana
Haute Provence
Holloman
Istanbul

Kanzelhoehe
Kharkov
Learmonth
Lvov
Manila

Mitaka
Monte Mario
Palehua
Peking
Purple Mt.

Ramey
Tashkent
Voroshilov
Wendelstein
Yunnan

H - ALPHA SOLAR FLARES

APRIL 1982

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF				Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks	
						Lat	CMD	Region	Mo						Day	Time (UT)	Apparent (10 ⁻⁶ Disk)		Corr (Sq Deg)
0001	CULG	01	0022E	0022U	0024D	N18	E04	3667	04	1.3	2D	SF		P	0022	60	.6		
0002		01	0220	0223	0234	N07	W45	3659	03	28.8	14	SB				68	1.1	EF	
	CULG	01	0219E	0220U	0246D	N06	W46	3659	03	28.7	27D	SB		P	0220	100	1.5	F	
	YUNN	01	0219E	0223	0223D	N08	W45	3659	03	28.8	4D	SN		P		48	.7	E	
	LEAR	01	0220	0223	0234	N08	W45	3659	03	28.8	14	SB	3	C		57		FE	
0003		01	05506	05581	0640	N07	W48	3659	03	28.7	50	SB C 7.6				162	2.2	CEF	
	LEAR	01	0550	0559	0640	N08	W49	3659	03	28.7	50	SB C 7.6	3	C		195		F	
	MITK	01	0556	0558	0642	N07	W46	3659	03	28.9	46	1N		C	0558	170	2.6	E	
	CULG	01	0600E	0600U	0637	N05	W49	3659	03	28.7	37D	SB		P	0600	120	1.8	CFE	
		01	1101		1208	No Flare Patrol													
0004	LVOV	01	1210	1211	1221	S21	E55	3670	04	5.7	11	SF		C	1211	100	1.8	DJ	
0005	LVOV	01	1331	1334	1355	N10	W50	3659	03	28.9	24	SF		C	1334	100	1.8	DJK	
0006	LVOV	01	1338	1341	1352	S21	W08	3662	03	31.9	14	SF		C	1341	100	1.1	D	
0007	LVOV	01	1414	1417	1456	N10	W50	3659	03	28.9	42	SF		C	1417	100	1.8	DJK	
0008	RAMY	01	1435	1526	1527	S19	E49	3670	04	5.3	52	SF	3	C		21			
0009	RAMY	01	1609	1622	1705	N08	W51	3659	03	28.9	56	SB M 1.0	3	C		145		FU	
		01	1636		1651	No Flare Patrol													
0010	RAMY	01	1758	1806	1817	S18	E47	3670	04	5.3	19	SN	3	C		43			
0011	RAMY	01	1927	1932	2009	N07	W56	3659	03	28.7	42	1B M 4.0	3	C		274		FU	
		01	2108		2137	No Flare Patrol													
		01	2145		2327	No Flare Patrol													
0012	LEAR	01	2350	2350	2405	N13	W49	3659	03	29.4	15	SN	3	C		33		F	
0013	LEAR	02	0053	0055	0108	N07	W59	3659	03	28.7	15	SN	3	C		17		F	
		02	0201		0237	No Flare Patrol													
0014		02	0535	05354	0550	S16	W42	3660	03	30.1	15	SF				78	1.2	EF	
	PEKG	02	0534E	0535	0542	S15	W42	3660	03	30.1	8D	SF		P	0535	84	1.2	E	
	LEAR	02	0535	0539	0558	S17	W43	3660	03	30.1	23	SF	3	C		72		F	
0015	PEKG	02	0604	0606U	0606D	S18	E40	3670	04	5.3	2D	SF		P	0606	139	1.9	E	
0016	PEKG	02	0736	0741U	0800D	N19	W62	3661	03	28.7	24D	SF		P	0741	34		D	
0017	PEKG	02	0834	0837U	0840D	N11	W59	3659	03	29.0	6D	SF		P	0837	80	1.7	E	
0018		02	09003	09082	0940	N08	W63	3659	03	28.7	40	2B M 6.7				313	7.0	AEF	
	LEAR	02	0900	0908	0952D	N09	W62	3659	03	28.8	52D	2B M 6.7	3	C		434		FE	
	BUCA	02	0900	0909	0940	N07	W62	3659	03	28.8	40	2N		C	0909	430	8.4	E	
	KHAR	02	0900E	0910	0940D	N08	W65	3659	03	28.6	40D	1N		P	0907	200		EA	
	MANI	02	0903	0908	0913D	N09	W59	3659	03	29.0	10D	2B	1	V		300	5.6	FE	
	MONT	02	0903	0910	0924D	N08	W67	3659	03	28.4	21D	1B		C	0910	200			
0019	KHAR	02	0955		1002D	S11	W18	3664	04	1.0	7D	SF		P	1000	70	.8	EH	
0020	KHAR	02	1032		1052D	N01	E63	3671	04	7.1	20D	SF		V	1037	80		E	
0021	KHAR	02	1032		1048D	S13	W66	3658	03	28.5	16D	1F		V	1037	90		E	
0022	KHAR	02	1043		1050D	S19	E37	3670	04	5.3	7D	SF		V	1043			D	
0023	KHAR	02	1123		1130D	S19	E37	3670	04	5.3	7D	SF		V	1123			D	
0024	KHAR	02	1159		1200D	S11	W19	3664	04	1.1	1D	SF		V	1159				
		02	1201		1208	No Flare Patrol													

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APRIL 1982

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement			Remarks
						Lat	CMD	Region									Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
			02 1503		1524	No	Flare	Patrol												
			02 1538		1719	No	Flare	Patrol												
			02 1748		1833	No	Flare	Patrol												
0025	HOLL	02	1934	1935	1939	N09	W72	3659	03	28.5	5	SF	C	2.2	3	C				
0026	HOLL	02	1951	1953	1956	N15	W58	3659	03	29.5	5	SF			3	C		15		
			02 2122		2132	No	Flare	Patrol												
0027	PEKG	02	2345E	2348	2359	S10	W75	3658	03	28.4	14D	SF			P	2348	50			E
0028		03	0018	00212	0036	N10	E46	3672	04	6.5	18	SN					56	.9		E
	CULG	03	0018	0023	0032	N12	E45	3672	04	6.4	14	SN			C	0023	40	.6		
	PEKG	03	0020E	0021	0041	N09	E48	3672	04	6.6	21D	SN			P	0021	71	1.2		E
0029	LEAR	03	0135	0136	0218	N12	W68	3659	03	29.0	43	SN	C	5.5	2	C		62		F
0030	LEAR	03	0223	0223	0237	S23	W38	3662	03	31.2	14	SF			3	C		22		
0031		03	0242	0248	0300	N08	W74	3659	03	28.7	18	SN	C	3.1			59			EF
	LEAR	03	0242	0248	0305	N07	W75	3659	03	28.6	23	SN	C	3.1	3	C				F
	PEKG	03	0246E	0246U	0256	N09	W73	3659	03	28.7	10D	SN			P	0246	59			E
0032	CULG	03	0248	0303	0316D	S22	W36	3662	03	31.3	28D	SF			P	0303	60	.7		
0033	LEAR	03	0307	0307	0313	N15	W24	3667	04	1.3	6	SF			3	C		39		F
0034	PEKG	03	0335E	0337	0337D	S08	E11	3674	04	4.0	2D	SN			P	0337	71	.7		E
0035		03	0612	0620	0630	N08	W74	3659	03	28.8	18	SN					20			
	LEAR	03	0612	0620	0634	N08	W75	3659	03	28.7	22	SN			3	C				
	HTPR	03	0615E		0626	N08	W73	3659	03	28.9	11D	SF			C	0617	20			
0036		03	06132	06151	0620	N17	W27	3667	04	1.2	7	SF	C	4.0			49	.7		D
	ABST	03	0613	0616	0619	N17	W26	3667	04	1.3	6	SF			P	0616	87	1.1		D
	HTPR	03	0615E		0620	N18	W28	3667	04	1.1	5D	SF			C	0617	30	.3		
	LEAR	03	0615	0615	0620	N17	W27	3667	04	1.2	5	SN	C	4.0	3	C	29			
0037	LEAR	03	0622	0627	0657	S13	W77	3658	03	28.5	35	SF			3	C				
0038		03	06337	0626*	0704	S08	E10	3674	04	4.0	31	SB	C	3.2			125	1.4		EFJK
	ABST	03	0523E	0647	0658D	S08	E11	3674	04	4.0	95D	SN			P	0647	140	1.5		FJK
	PEKG	03	0626E	0626	0629	S08	E10	3674	04	4.0	3D	SN			P	0626	147	1.5		E
	HTPR	03	0633	0642	0720	S08	E10	3674	04	4.0	47	SB			C	0642	150	1.5		E
	LEAR	03	0636	0638	0713	S09	E10	3674	04	4.0	37	SB	C	3.2	3	C	59			FE
	MANI	03	0637E	0638	0655D	S08	E11	3674	04	4.1	18D	SB			1	V	50	.5		F
	PEKG	03	0639E	0640	0713	S08	E10	3674	04	4.0	34D	1B			C	0640	202	2.1		E
	CATA	03	0640	0640	0650D	S08	E10	3674	04	4.0	10D	S			2	P	0640	112	1.2	
	CULG	03	0646E	0646U	0709D	S07	E10	3674	04	4.0	23D	SB			P	0646	140	1.4		EF
0039	PEKG	03	0702	0705	0711	N18	W27	3667	04	1.2	9	SF			C	0705	59	.7		E
0040		03	07352	0737	0742	N09	W74	3659	03	28.9	7	SN					26			DE
	HTPR	03	0735	0737	0739	N08	W73	3659	03	28.9	4	SF			C	0737	30			
	PEKG	03	0736	0737	0740	N10	W74	3659	03	28.8	4	SN			C	0737	21			D
	LEAR	03	0737	0737	0748	N08	W74	3659	03	28.9	11	SB			3	C				E
0041		03	07414	0747*	0823	S12	W80	3658	03	28.4	42	SN	M	1.4			53			EFK
	LEAR	03	0741	0747	0827	S12	W79	3658	03	28.5	46	1N	M	1.4	3	C	79			K
	LEAR	03	0741	0758	0827	S12	W79	3658	03	28.5	46	SB	M	1.4	3	C				FEK
	MONT	03	0744	0758	0823	S13	W81	3658	03	28.3	39	SN			C	0758	70			
	PEKG	03	0745E	0749	0818	S11	W80	3658	03	28.4	33D	SF			P	0749	25			EK
	CATA	03	0745	0750	0825	S13	W83	3658	03	28.2	40	1			2	C	0750	56		
	PEKG	03	0745E	0806	0818	S11	W79	3658	03	28.5	33D	SN			P	0806	34			E
0042		03	0745	0749*	0822	S09	E09	3674	04	4.0	37	SN					84	.8		EKT
	HTPR	03	0745	0820	0833	S08	E09	3674	04	4.0	48	SF			C	0820	40	.4		E
	PEKG	03	0749E	0749	0816	S09	E09	3674	04	4.0	27D	SN			P	0749	84	.9		EK
	PEKG	03	0749E	0806	0816	S09	E09	3674	04	4.0	27D	SN			C	0806	92	.9		E
	PEKG	03	0824E	0829	0829D	S09	E09	3674	04	4.0	5D	SN			P	0829	118	1.2		ET

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Area Measurement			Remarks	
						Region	Lat	CMD								Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0043		03	08225	08272	0838	N10 W74	3659	03	28.9	16	SN C	5.2					21		D	
	LEAR	03	0822	0827	0837	N09 W73	3659	03	29.0	15	SN C	5.2	3	C						
	PEKG	03	0827	0829	0840	N10 W74	3659	03	28.9	13	SN			C	0829	21		D		
0044	KHAR	03	0926E	0927	0937D	N09 W81	3659	03	28.4	11D	SF			V	0927					
0045	KHAR	03	0940E	0942	0949D	S18 E26	3670	04	5.4	9D	SF			V	0942			EH		
0046	KHAR	03	0949E	0950	0958D	N19 W28	3667	04	1.3	9D	SF			V	0950					
0047	KHAR	03	0949E	0959	1029D	S09 E10	3674	04	4.1	40D	SF			V	0959			E		
0048	KHAR	03	1033E	1034	1050D	N09 W79	3659	03	28.6	17D	SF			V	1034					
0049	KHAR	03	1103E	1104	1116D	N19 W28	3667	04	1.3	13D	SF			V	1104					
0050	HTPR	03	1224	1227	1252	S08 E06	3674	04	4.0	28	SN			C	1227	130	1.3	E		
		03	1548		1549	No Flare Patrol														
0051		04	0034	00382	0055	S20 E18	3670	04	5.4	21	SN						67	1.1	EH	
	LEAR	04	0034	0038	0055	S21 E19	3670	04	5.5	21	SN			3	C		37		H	
	PEKG	04	0040E	0040	0040D	S20 E17	3670	04	5.3	21D	SN			P	0040	97	1.1	E		
0052		04	0140	0206	0214	S12 W80	3658	03	29.1	34	SN						34		DK	
	PEKG	04	0140	0146U	0214	S12 W79	3658	03	29.2	34	SF			C	0146	25		DK		
	PEKG	04	0140	0206	0214	S12 W80	3658	03	29.1	34	SN			C	0206	42		D		
0053	LEAR	04	0233	0247	0302	S20 E16	3670	04	5.3	29	SN			3	C		60		F	
0054		04	0356*	0402*	0452	S21 W46	3662	03	31.6	56	1N C	5.2					168	2.2	EFK	
	LEAR	04	0356	0404	0542	S22 W45	3662	03	31.7	106	1B C	5.2	3	C		212		FEK		
	LEAR	04	0356	0421	0542	S22 W45	3662	03	31.7	106	1B C	5.2	3	C		270		K		
	MANI	04	0359E	0404	0410	S21 W46	3662	03	31.6	11D	1B		1	V		170	2.6	FE		
	PEKG	04	0401	0403	0412	S19 W46	3662	03	31.6	11	1B		C	0403	168	2.5	E			
	CULG	04	0402	0402	0408D	S22 W44	3662	03	31.8	6D	SB		P	0403	100	1.4				
	PEKG	04	0416E	0416U	0416D	S20 W47	3662	03	31.6	6D	1N		P	0416	193	3.0	F			
	CULG	04	0417	0420	0434	S25 W47	3662	03	31.5	17	SF		P	0420	100	1.5	F			
	YUNN	04	0420E	0421U	0449	S22 W49	3662	03	31.4	29D	SN		P	0421	113	1.8	E			
	PEKG	04	0451E	0451	0456D	S19 W44	3662	03	31.8	5D	1N		P	0451	189	2.8	F			
0055	PEKG	04	0402	0403	0404	S10 E00	3674	04	4.2	2	SN			C	0403	38	.4	D		
0056	CULG	04	0440E	0444	0458	S21 W38	3667A	04	1.3	18D	SF			P	0444	50	.6			
0057	PEKG	04	0450	0451	0453	S11 W80	3658	03	29.3	3	SF			C	0451	13		D		
0058		04	0620	0625	0640	N14 W89	3659	03	28.6	20	1N						45		D	
	PEKG	04	0618E	0625	0639	N15 W88	3659	03	28.7	21D	SN			P	0625	34		D		
	CATA	04	0620	0625	0640	N14 W90	3659	03	28.6	20	1		2	C	0625	56				
0059		04	06437	06552	0712D	N12 W88	3659	03	28.7	29D	1B						73		AD	
	PEKG	04	0643	0655	0712D	N13 W86	3659	03	28.9	29D	SB			P	0655	84		D		
	YUNN	04	0649	0657	0657D	N11 W89	3659	03	28.7	8D	1N			C		80		A		
	CATA	04	0650	0655	0700D	N12 W90	3659	03	28.6	10D	1		2	P	0655	56				
0060	PEKG	04	0729	0730	0732	S10 W85	3658	03	29.0	3	SF			C	0730	8		D		
0061	PEKG	04	0745	0746	0747	N07 E27	3672	04	6.3	2	SN			C	0746	29	.4	D		
0062		04	08005	0806*	0910	S23 W51	3662	03	31.4	70	1B C	9.6					273	4.2	EFK	
	LEAR	04	0800	0806U	0916	S25 W50	3662	03	31.4	76	1B C	9.6	2	C		350		FE		
	ATHN	04	0802E	0806	0853	S21 W52	3662	03	31.3	51D	1B		3	V	0806	239	4.0			
	CATA	04	0805	0810	0925	S24 W49	3662	03	31.5	80	1		2	C	0810	281	4.5			
	BUCA	04	0808E	0813	0915	S25 W49	3662	03	31.5	67D	2N		C	0813	482	7.4	G			
	PEKG	04	0832E	0832	0905D	S21 W52	3662	03	31.4	33D	1N		P	0832	147	2.5	FK			
	PEKG	04	0832E	0842	0905D	S21 W51	3662	03	31.4	33D	1B		P	0842	252	4.2	F			
	YUNN	04	0839E	0840U	0902	S23 W52	3662	03	31.3	23D	1N		P	0840	161	2.7	F			
0063	CATA	04	1020	1025	1045	N11 E70	3678	04	9.7	25	1		2	C	1025	84				

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0064		04	13404	13489	1425	N01	E33	3671	04	7.0	45	SF					41	.5	
	WEND	04	1340	1348	1424	N01	E34	3671	04	7.1	44	SF			C	1348	38	.5	
	HOLL	04	1344	1357	1425	N00	E33	3671	04	7.0	41	SF		2	C		44		
	KANZ	04	1401E		1427	N03	E32	3671	04	7.0	26D	SN		2					
0065		04	13531	14007	1425	S09	W07	3674	04	4.0	32	1N					194	1.8	U
	WEND	04	1353	1407	1426	S08	W08	3674	04	4.0	33	SN			C	1407	175	1.8	
	HOLL	04	1354	1400	1426	S09	W07	3674	04	4.0	32	1N		2	C		212		U
	KANZ	04	1401E		1424	S09	W07	3674	04	4.0	23D	1N		2					
0066	KANZ	04	1514	1521	1529	N10	E24	3672	04	6.4	15	SF		2					
0067	KANZ	04	1554	1601	1624	N11	W86	3659	03	29.3	30	SN		3					A
		04	1723		2045	No Flare Patrol													
0068	HOLL	04	1926	1929	1934	N07	E23	3672	04	6.5	8	SF		3	C		28		F
		04	2053		2200	No Flare Patrol													
0069	HOLL	04	2249	2250	2311	S09	W14	3674	04	3.9	22	SF		3	C		43		
0070	HOLL	04	2328	2329	2346	N00	E28	3671	04	7.1	18	SF		3	C		32		F
0071		05	01171	01182	0126	S08	W15	3674	04	3.9	9	SN	C 1.4				112	1.5	EF
	LEAR	05	0117	0118	0127	S09	W15	3674	04	3.9	10	SN	C 1.4	3	C		81		F
	PEKG	05	0118	0120	0126	S08	W15	3674	04	3.9	8	SN			C	0120	143	1.5	E
0072		05	0155	01584	0216	S10	W14	3674	04	4.0	21	SN	C 2.0				84	1.2	EFH
	PEKG	05	0155E	0158	0218	S09	W14	3674	04	4.0	23D	SN			C	0158	109	1.2	E
	LEAR	05	0155	0202	0214	S10	W15	3674	04	3.9	19	SN	C 2.0	3	C		60		FH
0073	PEKG	05	0209	0211	0214	N13	W41	3676	04	2.0	5	SN			C	0211	55	.8	E
0074		05	0740*	07496	0818	N02	E24	3671	04	7.1	38	SN					62	.7	DE
	PURP	05	0740	0748U	0756D	N02	E24	3671	04	7.1	16D	SF			C	0748	31	.4	E
	WEND	05	0740	0755	0824	N02	E25	3671	04	7.2	44	SF			C	0755	50	.6	
	LEAR	05	0748	0749	0816	N01	E23	3671	04	7.0	28	SN		3	C		42		
	CATA	05	0750	0755	0805D	N03	E23	3671	04	7.0	15D	S		2	P	0755	84	1.0	
	PEKG	05	0752E	0752	0816	N02	E23	3671	04	7.0	24D	SN			P	0752	118	1.3	E
	YUNN	05	0758E	0800U	0814	N02	E23	3671	04	7.0	16D	SN			P	0800	48	.5	D
0075	YUNN	05	0821E	0821U	0830	N02	E23	3671	04	7.1	9D	SN			P	0821	32	.4	D
0076	WEND	05	0946	0949	0959	S09	W18	3674	04	4.0	13	SF			C	0949	38	.4	
0077	KANZ	05	1519	1535	1631	N28	W90		03	29.7	72			3					AY
0078		05	2132	21342	2144	S08	W23	3674	04	4.2	12	SF					78	1.0	F
	HOLL	05	2132	2134	2145	S08	W25	3674	04	4.0	13	SF		3	C		70		F
	PALE	05	2132	2135	2146	S08	W22	3674	04	4.2	14	SF		2	C		70		F
	CULG	05	2132	2136	2139	S10	W24	3674	04	4.1	7	SN			C	2136	80	.9	
	BIGB	05	2132	2136	2146	S08	W22	3674	04	4.2	14	SF		3	C	2136	90	1.0	
0079		05	21504	2157	2238D	N03	E16	3671	04	7.1	48D	SF					34	.4	JK
	CULG	05	2150	2157	2230U	N04	E16	3671	04	7.1	40U	SF			C	2157	40	.4	JK
	HOLL	05	2154	2157	2238D	N02	E16	3671	04	7.1	44D	SF		3	C		27		
0080		06	02177	0229*	0314	N07	E19	3671	04	7.5	57	1N	C 2.2				265	3.3	DFJK
	LEAR	06	0217	0230	0319	N06	E20	3671	04	7.6	62	SN	C 2.2	3	C		120		F
	YUNN	06	0224	0229	0237D	N07	E18	3671	04	7.4	13D	SN			P		129		D
	CULG	06	0224	0231	0310	N10	E19	3671	04	7.5	46	1F			C	0231	220	1.4	FJ
	PEKG	06	0228E	0236	0255D	N07	E19	3671	04	7.5	27D	1N			P	0236	421	4.7	FK
	PEKG	06	0228E	0245	0255D	N07	E19	3671	04	7.5	27D	1N			P	0245	434	4.8	F
0081	PEKG	06	0243	0245	0252	S06	W27	3674	04	4.1	9	SN			C	0245	63	.7	E
0082		06	03051	03075	0323	N08	E03	3672	04	6.3	18	SN					54	.6	EF
	CULG	06	0305	0307	0322	N08	E02	3672	04	6.3	17	SF			C	0307	40	.4	F
	PEKG	06	0306	0310	0325	N08	E03	3672	04	6.3	19	SN			C	0310	97	1.0	E
	LEAR	06	0306	0312	0321	N07	E03	3672	04	6.3	15	SN		3	C		29		F
	YUNN	06	0313E	0313U	0325	N08	E03	3672	04	6.3	12D	SN			P	0313	48	.5	E

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF Region			CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks	
						Lat	Cmd	Region							Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0083	YUNN	06	0545	0547	0602D	N11	E18	3671	04	7.6	17D	SN		P		161	1.8	EG	
0084	CULG	06	0556	0557	0600	S13	E39	3675	04	9.2	4	SN		C	0557	40	.5		
0085	KANZ	06	0702	0702	0711	S12	E39	3675	04	9.2	9	SN			2				
0086	KANZ	06	0740	0743	0755	S10	E38	3675	04	9.2	15	SN			2			L	
0087	KANZ	06	0759	0803	0815	S08	W30	3674	04	4.1	16	SF			1				
0088		06	10381	10412	1053	N12	E45	3678	04	9.8	15	SN					73	1.0	EH
	KHAR	06	1038E	1041	1056D	N11	E47	3678	04	10.0	18D	SF		P	1041	60	1.0	EH	
	MONT	06	1038	1042	1047	N12	E45	3678	04	9.8	9	SN		C	1042	80			
	HTPR	06	1038	1043	1059	N11	E44	3678	04	9.7	21	SN		C	1043	80	1.1	E	
	KANZ	06	1039	1043	1053	N12	E45	3678	04	9.8	14	SN			3				
0089	KANZ	06	1120	1120	1132	S10	E38	3675	04	9.3	12	SN			2				
		06	1529		1609	No Flare Patrol													
		06	1616		1620	No Flare Patrol													
		06	1723		1837	No Flare Patrol													
		06	1843		1932	No Flare Patrol													
		06	1946		2027	No Flare Patrol													
0090	CULG	06	2243	2246	2256	S11	E31	3675	04	9.3	13	SN		C	2246	80	.9		
0091		06	2359	24011	2417	S10	W39	3674	04	4.1	18	SN				54	.6	EJ	
	CULG	06	2359	2401	2409	S11	W40	3674	04	4.0	10	SN		C	2404	40	.5	J	
	PEKG	07	0000E	0004U	0015D	S08	W39	3674	04	4.1	15D	SN		P	0004	55	.7	E	
	LEAR	07	0002E	0002	0025	S10	W39	3674	04	4.1	23D	SN		3	C		67		
0092	YUNN	07	0125E	0125U	0125D	N14	W88	3667	03	31.4	23D			P	0125			AG	
0093		07	02165	02221	0234	S08	W40	3674	04	4.1	18	SN				61	.6	E	
	LEAR	07	0216	0222	0244	S09	W40	3674	04	4.1	28	SF		3	C		76		
	PEKG	07	0221	0223	0225	S07	W40	3674	04	4.1	4	SN			C	0223	46	.6	E
0094	PEKG	07	0434E	0434	0436D	N02	W02	3671	04	7.0	2D	SF		P	0434	34	.4	D	
0095		07	06453	06474	0655	S12	E25	3675	04	9.2	10	SB				98	1.0	DEFH	
	BUCA	07	0645		0655	S12	E25	3675	04	9.2	10	SF		P	0650	54	.6	D	
	PEKG	07	0645E	0647	0652	S12	E25	3675	04	9.2	7D	SN		P	0647	160	1.8	E	
	LEAR	07	0645	0649	0655	S13	E25	3675	04	9.2	10	SB		3	C		129		FH
	YUNN	07	0645	0650	0650D	S12	E26	3675	04	9.2	5D	SB			C		96	1.1	D
	MANI	07	0647E	0648	0655D	S13	E24	3675	04	9.1	8D	SB		1	V		95	1.1	F
	CULG	07	0648E	0648U	0654	S11	E26	3675	04	9.2	6D	SB			P	0648	60	.7	
	ATHN	07	0648	0649	0658	S12	E24	3675	04	9.1	10	SB		1	V	0649	67	.7	
	PURP	07	0651E	0651	0654	S13	E26	3675	04	9.2	3D	SN			C	0651	122	1.4	D
0096	YUNN	07	0858	0903U	0903D	S26	E87	3684	04	14.1	5D	1N		P	0903	48		A	
		07	0954		1054	No Flare Patrol													
0097	HTPR	07	1205	1228	1245	S07	E73	3681	04	13.0	40	SF		C	1228	20			
0098	HTPR	07	1220	1230	1310	S07	W45	3674	04	4.1	50	SB		C	1230	80	1.1	E	
		07	1502		1549	No Flare Patrol													
0099		07	1653	16572	1754	N03	W09	3671	04	7.0	61	SB	C 2.6				136	.9	
	RAMY	07	1653	1657	1705D	N03	W09	3671	04	7.0	12D	SB	C 2.6	3	C		181		
	BIGB	07	1653	1659	1754	N03	W09	3671	04	7.0	61	SB			3	C	1659	90	.9
0100	YUNN	08	0031	0034	0050	S26	E87	3684	04	14.8	19	SN		C		32		E	
0101		08	0042*	0101	0248	S28	E80	3684	04	14.3	126	SB				33		D	
	PURP	08	0042	0101	0248	S29	E78	3684	04	14.1	126	SB		C	0101	34		D	
	YUNN	08	0054	0101	0103D	S27	E83	3684	04	14.5	9D	SN		P		32		D	
0102	LEAR	08	0149	0150	0201	S08	E70	3681	04	13.3	12	SF		3	C		42		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Apparent (10 ⁻⁶ Disk)	Measurement Corr (Sq Deg)	Remarks
0103	ISTA	08	0642		0705	S29	E75	3684	04	14.1	23	SN							B
0104		08	0757	0817	0821	S26	E76	3684	04	14.2	24	SN					32		E
	YUNN	08	0748E	0748U	0749D	S26	E76	3684	04	14.2	1D	SN			P	0748	32		E
	KANZ	08	0757	0817	0821	S26	E75	3684	04	14.1	24	SF		2					
0105	KANZ	08	0858	0908	0920	S26	E75	3684	04	14.2	22	SN		2					
0106		08	10241	1025	1028	S26	E76	3684	04	14.3	4	SN					48		
	HTPR	08	1024	1025	1027	S24	E78	3684	04	14.4	3	SN			C	1025	40		
	CATA	08	1025	1025	1030	S28	E75	3684	04	14.3	5	S		2	C	1025	56		
0107	HTPR	08	1237		1246	N13	W33	3672	04	6.0	9	SF			C	1239	30	.3	E
0108	HTPR	08	1257	1300	1306	N13	W33	3672	04	6.0	9	SF			C	1300	40	.5	E
0109		08	13531	1356	1400	S27	E74	3684	04	14.3	7	SN	C 1.4				30		
	HTPR	08	1353		1357D	S24	E77	3684	04	14.5	4D	SN			C	1354	30		
	HOLL	08	1354	1356	1400	S30	E70	3684	04	14.1	6	SF	C 1.4	3	C		29		
0110	HOLL	08	1753	1759	1813	N07	W20	3671	04	7.2	20	SF	C 2.0	3	C		80		F
		08	2040		2049	No Flare Patrol													
0111	HOLL	08	2056	2056	2111	S30	E69	3684	04	14.3	15	SF		3	C		19		F
0112		09	0142*	01509	0218	N05	W26	3671	04	7.1	36	SN	C 9.6				167	2.3	EFI
	CULG	09	0142	0151	0220	N05	W26	3671	04	7.1	38	1B			C	0151	220	2.4	FEI
	LEAR	09	0144	0150	0221	N05	W26	3671	04	7.1	37	SB	C 9.6	3	C		156		FE
	PEKG	09	0145	0154	0212	N06	W26	3671	04	7.1	27	SB			C	0154	151	1.8	E
	PURP	09	0153	0159	0219	N05	W27	3671	04	7.0	26	1N			C	0159	231	2.7	E
	PALE	09	0158E	0158U	0219	N05	W25	3671	04	7.2	21D	SF		2	C		78		F
0113	LEAR	09	0305	0305	0318	S13	E56	3681	04	13.3	13	SF		3	C		45		F
0114		09	04149	04271	0444	S28	E66	3684	04	14.3	30	SN	C 2.7				64	1.3	F
	LEAR	09	0414	0428	0456	S29	E67	3684	04	14.4	42	SN	C 2.7	3	C		68		F
	CULG	09	0423	0427	0433	S27	E64	3684	04	14.2	10	SN			C	0427	60	1.3	
0115	YUNN	09	0802	0802	0805	S27	E62	3684	04	14.2	3	SF			C		48	1.1	E
0116	YUNN	09	0804	0805	0807D	N13	E48	3679	04	12.9	3D	SN			P		32	.5	D
0117		09	0807*	0813*	0921	S08	E47	3681	04	12.9	74	SN	C 3.2				70	.9	F
	YUNN	09	0807	0813	0819D	S08	E44	3681	04	12.6	12D	SN			P		64	.9	F
	LEAR	09	0818	0838	0921	S08	E50	3681	04	13.1	63	SF	C 3.2	3	C		75		F
0118	HTPR	09	0810	0830	0855	S03	E44	3680	04	12.6	45	SF			C	0830	40	.5	E
0119		09	0937	0937	0942	S24	E58	3684	04	13.9	5	SN					60	1.0	
	KANZ	09	0937E		0940D	S25	E59	3684	04	14.0	3D	SN		2					
	HTPR	09	0937	0937	0942	S23	E56	3684	04	13.7	5	SF			C	0937	60	1.0	
0120	KANZ	09	1018	1022	1025D	S25	E59	3684	04	14.0	7D	SN		2					
0121		09	10291	10323	1049	N10	W43	3672	04	6.2	20	SB					86	1.3	E
	HTPR	09	1029	1032	1055	N12	W41	3672	04	6.3	26	SN			C	1032	60	.8	E
	CATA	09	1030	1035	1050	N12	W48	3672	04	5.8	20	S		2	C	1035	112	1.8	
	KANZ	09	1033E	1033	1041	N07	W41	3672	04	6.4	8D	SB		1					
0122	HTPR	09	1117	1122	1130	N20	E40	3688	04	12.5	13	SF			C	1122	20	.3	
0123		09	1138	11463	1155	S24	E60	3684	04	14.1	17	SN					40	.8	E
	HTPR	09	1138	1146	1153	S22	E58	3684	04	13.9	15	SF			C	1146	40	.8	E
	KANZ	09	1149E	1149	1157	S27	E61	3684	04	14.2	8D	SN		2					
0124		09	1140	11573	1219	N04	E48	3682	04	13.1	39	1N					140	2.2	
	CATA	09	1140	1200	1200D	N03	E48	3682	04	13.1	20D	1		2	P	1200	140	2.2	
	KANZ	09	1149E	1157	1219	N06	E47	3682	04	13.0	30D	SN		2					
0125	HTPR	09	1140	1202	1250	N10	E48	3679	04	13.1	70	SF			C	1202	50	.7	

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																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0126		09	12102	12123	1218	S25	E57	3684	04	13.9	8	SN					24	.3	
	HTPR	09	1210	1215	1216	S23	E54	3684	04	13.7	6	SF			C	1215	20	.3	
	RAMY	09	1211	1215	1218	S28	E60	3684	04	14.2	7	SN		3	C		28		
	KANZ	09	1212	1212	1219	S25	E58	3684	04	14.0	7	SN		3					
0127		09	1215	1223*	1312	N19	E39	3688	04	12.5	57	SN					50	.7	
	KANZ	09	1215	1223	1314	N17	E39	3688	04	12.5	59	SN		3					
	HTPR	09	1215	1237	1310	N21	E39	3688	04	12.5	55	SF			C	1237	50	.7	
0128	KANZ	09	1303	1303	1307	S10	E84	3687	04	15.8	4	SN		3					
0129		09	1334*	1334*	1404	S10	E80	3687	04	15.6	30	SF					26		K
	RAMY	09	1334	1334	1406	S12	E79	3687	04	15.5	32	SF		3	C		13		K
	RAMY	09	1334	1356	1406	S12	E79	3687	04	15.5	32	SN		3	C				K
	HTPR	09	1354	1356	1400	S07	E82	3687	04	15.7	6	SF			C	1356	40		
0130		09	13471	1405	1416	S25	E60	3684	04	14.2	29	SN	C 4.7				44	.6	E
	HTPR	09	1347	1405	1415	S22	E60	3684	04	14.2	28	SF			C	1405	30	.6	E
	RAMY	09	1348	1405	1417	S28	E59	3684	04	14.2	29	SN	C 4.7	3	C		59		
0131	HTPR	09	1358	1515	1610	N21	E39	3688	04	12.6	132	SF			C	1515	30	.4	
		09	1713		1904	No Flare Patrol													
0132	HOLL	09	1859E	1907U	1923	N14	E36	3679	04	12.5	24D	SF		3	C		35		
0133	HOLL	09	1859E	1905U	1920	S09	E48	3681	04	13.4	21D	SF		3	C		33		
		09	1926		1935	No Flare Patrol													
0134	HOLL	09	1951	1955	2001	N14	E34	3679	04	12.4	10	SF		2	C		29		F
0135	HOLL	09	2006	2010	2036D	S13	E76	3687	04	15.6	30D	SF		3	C				
		09	2013		2036	No Flare Patrol													
0136	HOLL	09	2106	2113	2126D	N14	E34	3688	04	12.4	20D	SF		2	C		43		F
0137	VORO	09	2320	2325	2341	S26	E50	3684	04	13.8	21	1N			C	2325	206	3.6	DJK
0138		09	23501	23527	2415	S26	E51	3684	04	13.9	25	SB	C 4.0				100	1.7	EF
	LEAR	09	2350	2352	2424	S27	E51	3684	04	14.0	34	SB	C 4.0	3	C		96		FE
	CULG	09	2351	2353	2407	S24	E51	3684	04	13.9	16	SN			C	2353	100	1.6	
	PEKG	09	2353E	2359	2413	S27	E51	3684	04	14.0	20D	SB			P	2359	105	1.8	E
0139	VORO	10	0050	0051	0109	S26	E50	3684	04	13.9	19	1B			C	0051	224	3.9	DJ
0140	LEAR	10	0112	0112	0127	N04	W36	3671	04	7.3	15	SN		3	C		26		F
0141	CULG	10	0149	0153	0157	S07	E71	3687	04	15.4	8	SF			C	0153	60		
0142		10	0152*	0207*	0248	S28	E50	3684	04	14.0	56	SN					70	1.7	EF
	LEAR	10	0152	0207	0246	S28	E52	3684	04	14.1	54	SN		3	C		34		F
	PEKG	10	0243	0246	0250	S27	E48	3684	04	13.8	7	SF			C	0246	105	1.7	E
0143		10	02188	02403	0320	N04	W37	3671	04	7.3	62	1B	C 9.6				312	3.8	EF
	LEAR	10	0218	0243	0326	N05	W37	3671	04	7.3	68	1B	C 9.6	3	C		378		FE
	CULG	10	0226	0240	0313	N03	W36	3671	04	7.4	47	1B			P	0240	280	3.6	FE
	PEKG	10	0230E	0243	0320	N06	W38	3671	04	7.2	50D	2N			P	0243	421	5.6	F
	PURP	10	0230E	0250U	0253D	N04	W38	3671	04	7.3	23D	1N			V	0250	170	2.3	
0144		10	0238	02431	0256	S04	E29	3680	04	12.3	18	SN					59	.6	EF
	LEAR	10	0238	0243	0301	S05	E29	3680	04	12.3	23	SN		3	C		61		F
	CULG	10	0238E	0244	0255	S03	E29	3680	04	12.3	17D	SN			P	0244	50	.5	
	PEKG	10	0241E	0243	0253	S05	E29	3680	04	12.3	12D	SN			P	0243	67	.8	E
0145		10	0512*	0508*	0536	N15	E29	3688	04	12.4	24	SN					95	1.2	EK
	YUNN	10	0507E	0508	0510D	N15	E30	3688	04	12.5	3D	SN			P		48	.6	
	ABST	10	0512	0518	0536	N16	E28	3688	04	12.3	24	1N			C	0518	174	2.2	EK
	YUNN	10	0531	0534	0535D	N15	E30	3688	04	12.5	4D	SN			P		64	.8	

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						Region	CMD	Lat									Apparent (10 ⁻⁶)	Disk	Corr (Sq Deg)	
0146		10	05104	05105	0516	S27	E50	3684	04	14.1	6	SN						86	2.0	FKV
	LEAR	10	0510	0510	0516	S28	E50	3684	04	14.1	6	SN		3	C			21		
	MANI	10	0511E	0511U	0517D	S28	E51	3684	04	14.2	6D	SN		1	V			20	.3	
	ABST	10	0514	0515	0558D	S26	E50	3684	04	14.1	44D	1N			P	0515	218	3.7	FKV	
0147	ABST	10	0530	0534	0540	S10	E79	3687	04	16.2	10	1F			C	0534	87		D	
0148	ABST	10	0549	0551	0558	S16	E80	3687	04	16.3	9	1N			C	0551	131		EG	
0149		10	0622*	0624*	0705	S05	E28	3680	04	12.3	43	SB	C 2.7					105	1.0	DEF
	CULG	10	0622	0624	0634	S04	E28	3680	04	12.3	12	SN			C	0624	80	.8		
	CULG	10	0624	0656	0711	S04	E27	3680	04	12.3	47	SB			C	0656	80	.9	FD	
	LEAR	10	0625	0628	0637	S06	E29	3680	04	12.4	12	SN		3	C		72		F	
	MANI	10	0626E	0626U	0629D	S07	E30	3680	04	12.5	3D	SF		1	V		20	.2	F	
	ATHN	10	0653	0658	0720	S05	E28	3680	04	12.4	27	1B	C 2.7	3	V	0658	207	2.4		
	LEAR	10	0655	0658	0718	S06	E27	3680	04	12.3	23	1B		3	C		212		FE	
	HTPR	10	0655	0659	0717	S01	E28	3680	04	12.4	22	SB			C	0659	110	1.2	E	
	YUNN	10	0658E	0658U	0713	S05	E27	3680	04	12.3	15D	SB			P	0658	64	.7		
	PURP	10	0658E	0700	0712	S06	E29	3680	04	12.5	14D	SB			C	0700	102	1.2		
0150	CATA	10	0650	0700	0720	S06	E37	3681	04	13.0	30	S		2	C	0700	140	1.8		
0151		10	09371	09383	0956	S05	E28	3680	04	12.5	19	1B	C 2.8					178	1.9	EFH
	ATHN	10	0937	0941	1005	S05	E28	3680	04	12.5	28	1B	C 2.8	3	V	0941	255	2.9		
	KHAR	10	0938E	0938	0952D	S05	E29	3680	04	12.6	14D	SN			P	0938	130	1.5	EH	
	LEAR	10	0938	0940	0946D	S07	E26	3680	04	12.3	8D	1B		3	C		245		FE	
	HTPR	10	0938	0940	0948	S02	E28	3680	04	12.5	10	SB			C	0940	80	1.3	E	
0152	ATHN	10	0943	0949	1005	S28	E45	3684	04	13.9	22	1B		3	V	0949	143	2.3		
0153		10	0953	0958	1035	N08	W44	3671	04	7.1	42	SF						35	.5	E
	HTPR	10	0953	0958	1035	N10	W42	3671	04	7.2	42	SF			C	0958	30	.4	E	
	KHAR	10	0955E		1027D	N05	W45	3671	04	7.0	32D	SF			P	1005	40	.6	E	
0154	ATHN	10	0958	1005	1049	N08	W54	3672	04	6.4	51	SB	C 2.6	3	V	1005	111	1.6		
0155	HTPR	10	1030	1038	1040	N21	E28	3688	04	12.6	10	SF			C	1038	80	1.3	E	
0156	HTPR	10	1200	1203	1208	S22	E47	3684	04	14.1	8	SF			C	1203	20	.3		
0157	HTPR	10	1217	1220	1231	N17	E26	3688	04	12.5	14	SB			C	1220	120	1.3	E	
0158		10	13474	13521	1410	S04	E25	3680	04	12.4	23	SN	C 1.4					53	.8	E
	HTPR	10	1347	1353	1421	S01	E27	3680	04	12.6	34	SN			C	1353	40	.4	E	
	ATHN	10	1348	1353	1403	S05	E26	3680	04	12.5	15	SB		3	V	1353	95	1.1		
	HOLL	10	1351	1352	1407	S06	E23	3680	04	12.3	16	SF	C 1.4	3	C		24			
0159	HTPR	10	1357	1358	1405	N14	E32	3679	04	13.0	8	SF			C	1358	20	.2		
0160		10	1445*	1507	1524	S24	E45	3684	04	14.1	39	SN	C 1.4					50	.4	EF
	HOLL	10	1445	1507	1534	S27	E45	3684	04	14.1	49	SN	C 1.4	3	C		70		F	
	HTPR	10	1505	1507	1515	S22	E45	3684	04	14.1	10	SF			C	1507	30	.4	E	
0161	HOLL	10	1535	1538	1540	N09	W56	3672	04	6.4	5	SF		3	C		16		F	
0162		10	1701	1702	1721	S26	E46	3684	04	14.3	20	SN	C 2.2					70	1.0	EF
	HTPR	10	1701		1713D	S23	E47	3684	04	14.3	12D	SN			C	1703	70	1.0	E	
	HOLL	10	1701	1702	1721	S29	E44	3684	04	14.1	20	SN	C 2.2	3	C		71		F	
0163	PALE	10	1854E	1854U	2019	N17	E06	3688	04	11.2	85D	1B		2	C		205		EF	
0164	HOLL	10	2034	2041	2102	S29	E42	3684	04	14.1	28	SF	C 1.4	3	C		57			
0165		10	2315*	2339*	2436	N16	E24	3688	04	12.8	81	1N	C 3.8					189	2.6	FJ
	LEAR	10	2315	2350	2452	N16	E24	3688	04	12.8	97	1N		3	C		206		F	
	CULG	10	2334	2339	2401	N15	E24	3688	04	12.8	27	1F			C	2339	220	2.6	FJ	
	HOLL	10	2335E	2351	2440	N17	E25	3688	04	12.9	65D	SN	C 3.8	3	C		123		F	
	LEAR	10	2336	2350	2452	N16	E24	3688	04	12.8	76	1N		3	C		206		F	
0166		10	2335	23391	2419	S05	E18	3680	04	12.3	44	SB						119	1.0	EF
	CULG	10	2335	2339	2405	S05	E18	3680	04	12.3	30	SN			C	2339	100	1.0	F	
	HOLL	10	2335E	2339U	2415D	S05	E18	3680	04	12.3	40D	SB		3	C		100		F	
	LEAR	10	2335	2340	2433	S05	E18	3680	04	12.3	58	SB		3	C		157		FE	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Apparent (10 ⁻⁶ Disk)	Measurement Corr (Sq Deg)	Remarks
0167	HOLL	10	2337	2338	2417D	N11	E21	3679	04	12.6	40D	SF		3	C		47		
0168		11	00293	0032	0044	S28	E40	3684	04	14.1	15	SN					52	.6	J
	CULG	11	0029	0032	0037	S26	E40	3684	04	14.1	8	SN			P	0032	40	.6	J
	HOLL	11	0031	0032	0041D	S29	E39	3684	04	14.1	10D	SN		3	C		50		
	LEAR	11	0032	0032	0052	S28	E40	3684	04	14.1	20	SN		3	C		66		
0169	VORO	11	0035	0044	0102	S04	E18	3680	04	12.4	27	1N			C	0044	197	2.1	EJ
0170	VORO	11	0129	0131	0151	S28	E40	3684	04	14.2	22	SF			C	0131	99	1.4	DJ
0171	CULG	11	0218E	0222	0240	S28	E39	3684	04	14.1	22D	SF			P	0222	90	1.3	F
0172	CULG	11	0254	0256	0302	N15	E15	3688	04	12.2	8	SF			C	0256	30	.3	D
0173		11	03332	0336*	0408	S05	E15	3680	04	12.3	35	SB					124	1.1	EFJKU
	CULG	11	0333	0336	0355	S04	E15	3680	04	12.3	22	SN			C	0336	120	1.2	J
	LEAR	11	0335	0336	0417	S05	E15	3680	04	12.3	42	1B		3	C		206		UJK
	YUNN	11	0335E	0344	0401	S05	E16	3680	04	12.3	26D	SB			P		80	.9	
	LEAR	11	0335	0349	0417	S05	E15	3680	04	12.3	42	SB		3	C		95		K
	PEKG	11	0336E	0337	0412	S05	E15	3680	04	12.3	36D	SN			P	0337	118	1.2	E
0174	CULG	11	0350	0354	0404	S09	E60	3687	04	15.7	14	SF			C	0354	30	.6	
0175		11	04445	0452	0500	S06	E16	3680	04	12.4	16	SB					70	.5	EFJ
	LEAR	11	0444	0452	0501	S06	E16	3680	04	12.4	17	SB		3	C		91		FE
	CULG	11	0449	0452	0459	S05	E16	3680	04	12.4	10	SN			C	0452	50	.5	J
0176	LEAR	11	0505	0508	0514	S05	E15	3680	04	12.3	9	SF		3	C		34		
0177		11	05052	0508	0518	S26	E38	3684	04	14.2	13	SN					39	.5	JK
	CULG	11	0505	0508	0523	S25	E38	3684	04	14.1	18	SF			C	0508	40	.5	KJ
	LEAR	11	0507	0508	0512	S27	E37	3684	04	14.1	5	SN		3	C		38		
0178	CULG	11	0631	0635	0642	S09	E63	3687	04	16.0	11	SF			C	0635	40	.8	
0179	CULG	11	0643	0653	0659	N17	E14	3688	04	12.3	16	SF			C	0653	60	.7	EJ
0180		11	07434	07472	0756	S05	E14	3680	04	12.4	13	SB	C 2.0				88	1.4	E
	KANZ	11	0743	0747	0758	S05	E14	3680	04	12.4	15	SN		3					
	ATHN	11	0743	0748	0756	S04	E14	3680	04	12.4	13	SB	C 2.0	3	V	0748	127	1.4	
	LEAR	11	0747	0749	0755	S07	E15	3680	04	12.4	8	SB		3	C		48		E
0181		11	08422	08471	0902	N15	E13	3688	04	12.3	20	SN	C 1.3				76		
	LEAR	11	0842	0847	0904	N14	E13	3688	04	12.3	22	SN	C 1.3	3	C		76		
	KANZ	11	0844	0848	0859	N16	E13	3688	04	12.3	15	SN		2					
0182		11	13057	1310*	1415	N16	E11	3688	04	12.4	70	1N	C 5.4				209	2.6	DJK
	ATHN	11	1305	1310	1433	N16	E14	3688	04	12.6	88	1B	C 5.4	3	V	1310	318	4.1	
	LVOV	11	1312	1323	1336	N16	E08	3688	04	12.1	24	SF			C	1323	100	1.1	DJK
	KANZ	11	1347E	1357	1435	N17	E10	3688	04	12.3	48D	1N		2					
0183		11	1322	13244	1348	N06	W60	3671	04	7.1	26	1B					144	3.8	DJ
	LVOV	11	1322	1324	1336	N07	W62	3671	04	6.9	14	SN			C	1324	80		DJ
	ATHN	11	1322	1328	1359	N05	W58	3671	04	7.2	37	1B		3	V	1328	207	3.8	
0184		11	1444	1444	1452	S05	E10	3680	04	12.4	8	SN					32		F
	KANZ	11	1444	1444	1447	S05	E10	3680	04	12.4	3	SN		2					
	HOLL	11	1444	1444	1457	S05	E10	3680	04	12.4	13	SF		3	C		32		F
0185	HOLL	11	1539	1545	1551	N16	E10	3688	04	12.4	12	SN		3	C		38		F
0186	HOLL	11	1559	1600	1605	S28	E30	3684	04	14.0	6	SN	C 2.5	3	C		123		
0187	HOLL	11	1636	1654	1718	N16	E09	3688	04	12.4	42	SN	C 5.0	3	C		48		F
0188	HOLL	11	1842	1852	2015	N16	E08	3688	04	12.4	93	1B	C 9.9	3	C		208		E
0189	HOLL	11	1952	1956	2014	S05	E07	3680	04	12.3	22	SN		3	C		133		
0190	CULG	11	2252	2254	2257	S28	E32	3684	04	14.4	5	SF			C	2254	30	.4	

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0191		11	2328E	2336I	2422	N17	E04	3688	04	12.3	54D	1B	M 1.2				223	2.0	EF
	LEAR	11	2328E	2337	2449	N16	E05	3688	04	12.3	81D	1B	M 1.2	3	C		320		FE
	MANI	11	2330E	2336	2348	N17	E04	3688	04	12.3	18D	1B		1	V		250	2.8	FE
	CULG	11	2357E	2357U	2430	N17	E04	3688	04	12.3	33D	SN			P	2357	100	1.1	
0192	CULG	12	0026	0029	0034	S24	E26	3684	04	14.0	8	SF			C	0029	30	.4	J
0193	YUNN	12	0050E	0050U	0054	S05	E03	3680	04	12.2	4D	SN			P	0050	32	.3	D
0194	CULG	12	0105	0110	0117	S06	W21	3693	04	10.5	12	SF			C	0110	20	.2	G
0195		12	0118	0121*	0203	N16	E05	3688	04	12.4	45	SN					85	.6	J
	YUNN	12	0118	0121	0234	N16	E06	3688	04	12.5	76	SN			C		48	.5	
	CULG	12	0118	0123	0139	N17	E03	3688	04	12.3	21	SN			C	0123	60	.7	J
	LEAR	12	0118	0143	0157	N16	E05	3688	04	12.4	39	SN		3	C		147		
0196	CULG	12	0124	0127	0135	N16	E66	3691	04	17.1	11	SF			C	0127	30		J
0197	CULG	12	0204	0211	0227	N16	E66	3691	04	17.1	23	SF			C	0211	30		J
0198		12	02073	02111	0227	S05	E03	3680	04	12.3	20	SN					40	.4	DEJ
	CULG	12	0207	0211	0233	S05	E02	3680	04	12.2	26	SN			C	0211	60	.6	EJ
	PEKG	12	0210E	0211	0220	S05	E03	3680	04	12.3	10D	SF			P	0211	21	.2	E
	LEAR	12	0210	0212	0227	S05	E03	3680	04	12.3	17	SN		3	C		48		
	YUNN	12	0215E	0215U	0228	S05	E03	3680	04	12.3	13D	SB			P	0215	32	.3	D
0199	CULG	12	0300	0303	0317	S25	E25	3684	04	14.1	17	SN			C	0303	30	.4	EJ
0200		12	03179	0322*	0350	N06	W66	3671	04	7.2	33	1N					104	1.7	EFJU
	YUNN	12	0317	0322	0338	N07	W65	3671	04	7.3	21	1B			C		80		
	CULG	12	0317	0323	0350	N03	W65	3671	04	7.3	33	SN			C	0323	70	1.7	UJ
	LEAR	12	0323E	0335	0351	N05	W66	3671	04	7.2	28D	1N		3	C		200		F
	PEKG	12	0326	0333	0400	N07	W66	3671	04	7.2	34	SF			P	0333	67		E
0201		12	04126	04185	0446	S05	E01	3680	04	12.2	34	SN					65	.7	DEJTV
	CULG	12	0412	0417U	0440U	S05	E01	3680	04	12.2	28U	SN			P	0417	90	.9	EJT
	PEKG	12	0413	0421	0450	S05	E01	3680	04	12.2	37	SF			P	0421	46	.5	D
	LEAR	12	0415	0423	0440	S06	E02	3680	04	12.3	25	SN		3	C		53		
	ABST	12	0417	0418	0456	S04	E02	3680	04	12.3	39	SN			C	0418	87	.9	EJV
	YUNN	12	0418	0422U	0437	S05	E01	3680	04	12.2	19	SN			P	0422	48	.5	D
0202	ABST	12	0415E	0417	0425	N14	E07	3679	04	12.7	10D	1N			P	0417	218	2.3	FJ
0203	ABST	12	0518E	0533	0558D	S09	E15	3681	04	13.3	40D	SF			P	0533	87	.9	DJ
0204	ABST	12	0549	0553	0600	N15	E67	3691	04	17.3	11	1F			C	0553	87		D
0205	CULG	12	0602	0604	0610	S09	E42	3687	04	15.4	8	SF			C	0604	20	.3	
0206	CULG	12	0603	0607	0616	N20	E62	3691	04	17.0	13	SF			C	0607	20	.5	
0207	LEAR	12	0727	0728	0737	S12	E10	3681	04	13.1	10	SF		3	C		35		F
0208		12	0905	0906	0913	S26	E21	3684	04	14.0	8	SN	C 2.0				37		DH
	KHAR	12	0905E		0912D	S26	E21	3684	04	14.0	7D	SF			P	0911			DH
	LEAR	12	0905	0906	0913	S27	E21	3684	04	14.0	8	SN	C 2.0	3	C		37		
0209	ATHN	12	1141	1143	1213	S11	E07	3681	04	13.0	32	SF	M 1.2	3	V	1143	111	1.2	
0210	RAMY	12	1254	1258	1317	N17	W01	3688	04	12.5	23	SN		3	C		106		
0211	HOLL	12	1315	1316	1326	N18	W16	3688	04	11.3	11	SN		3	C		85		F
0212	HOLL	12	1458	1459	1530	S07	E05	3681	04	13.0	32	SF	C 2.1	3	C		67		F
0213	HOLL	12	1544	1546	1550	N18	E00	3688	04	12.6	6	SN	C 2.1	3	C		63		
0214	HOLL	12	1608	1609	1618	S14	E41	3687	04	15.8	10	SN		3	C		65		
0215		12	16101	16131	1624	S24	E18	3684	04	14.1	14	SB	C 5.6				74	.7	
	HOLL	12	1610	1613	1621	S27	E15	3684	04	13.8	11	SB	C 5.6	3	C		87		
	BIGB	12	1611	1614	1626	S21	E20	3684	04	14.2	15	SN		3	C	1614	60	.7	

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						Lat	CMD	Region								Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0216		12	18291	1832	1852	S14	E41	3687	04	15.9	23	SN	C 2.6				94	.8	F
	BIGB	12	1829	1832	1852	S14	E42	3687	04	15.9	23	SN		3	C	1832	60	.8	
	HOLL	12	1830	1832	1843D	S14	E40	3687	04	15.8	13D	SN	C 2.6	3	C		127		F
0217	HOLL	12	1850	1906	1918D	N07	W73	3671	04	7.3	28D	SF	C 3.4	3	C				
0218	CULG	12	2224	2228	2233	S11	E13	3682A	04	13.9	9	SN			C	2228	40	.4	G
0219	CULG	12	2238	2243	2250	N17	E34	3686	04	15.5	12	SF			C	2243	40	.5	G
0220	CULG	12	2312	2315	2322	S27	E13	3684	04	14.0	10	SN			C	2315	40	.4	J
0221	CULG	12	2315	2316	2320	N16	W12	3688	04	12.0	5	SN			C	2316	40	.4	
0222		13	02448	03005	0341	S08	W00	3681	04	13.1	57	SF					86	.8	EFIJ
	LEAR	13	0244	0300	0340	S09	W00	3681	04	13.1	56	SF		3	C		87		F
	CULG	13	0252	0305	0348	S09	E02	3681	04	13.3	56	SF			C	0305	140	1.4	FIJ
	YUNN	13	0317E	0317U	0336	S07	W03	3681	04	12.9	19D	SN			P	0317	32	.3	E
0223		13	02541	0300	0316	S12	E35	3687	04	15.7	22	SN	C 1.7				50	.5	FJ
	LEAR	13	0254	0300	0319	S13	E35	3687	04	15.8	25	SN	C 1.7	3	C		59		F
	CULG	13	0255	0300	0312	S11	E35	3687	04	15.7	17	SN			C	0300	40	.5	J
0224	YUNN	13	0317E	0317U	0327	S11	E03	3682B	04	13.4	10D	SF			P	0317	64	.7	
0225		13	0405	0420	0445	N23	E28	3694	04	15.3	40	SF					58	.8	DJK
	CULG	13	0405	0420	0447	N23	E27	3694	04	15.2	42	SF			C	0420	30	.4	KJ
	ABST	13	0420E	0420	0443	N23	E28	3694	04	15.3	23D	SF			P	0420	87	1.2	D
0226	YUNN	13	0423E	0423U	0427	S12	E32	3687	04	15.6	4D	SF			P	0423	32	.4	D
0227		13	04385	04509	0524	N17	W08	3688	04	12.6	46	SN					64	.7	DJ
	ABST	13	0438	0450	0528	N17	W07	3688	04	12.7	50	SN			C	0450	87	1.0	D
	CULG	13	0443	0459	0521	N17	W09	3688	04	12.5	38	SN			C	0459	40	.4	J
0228		13	0440*	0500*	0615	S10	W00	3681	04	13.2	95	SN					188	2.2	EFJK
	LEAR	13	0440	0500	0608	S11	E01	3681	04	13.3	88	SN		3	C		106		F
	ABST	13	0451	0540	0633	S10	W01	3681	04	13.1	102	1F			C	0540	437	4.5	FJ
	PEKG	13	0455	0509	0600	S11	E00	3681	04	13.2	65	SN			P	0509	97	1.0	E
	CULG	13	0458E	0504U	0620	S10	W02	3681	04	13.0	82D	SN			P	0504	110	1.1	FJK
0229	CULG	13	0615	0627	0644	N23	E26	3694	04	15.3	29	SF			C	0627	30	.4	JK
0230	YUNN	13	0807	0811	0823	S05	W30	3693	04	11.1	16	SN			C		16	.2	DG
0231		13	08404	08473	0859	N06	W90	3671	04	6.6	19	1N					49		AE
	PEKG	13	0840	0850	0859	N06	W90	3671	04	6.6	19	SN			P	0850	50		E
	YUNN	13	0844	0847	0859	N06	W89	3671	04	6.7	15	1F			C		48		A
0232	ATHN	13	1315	1317	1325	N18	W16	3688	04	12.3	10	SB	C 1.5	3	V	1317	159	1.9	
0233	HOLL	13	1631	1633	1658	N18	W20	3688	04	12.2	27	SN	C 1.9	3	C		95		F
0234	HOLL	13	2022	2036	2040	S12	W60	3675	04	9.3	18	SF		3	C		41		
0235	HOLL	13	2122	2123	2127	S12	W59	3675	04	9.4	5	SF		3	C		22		
0236	CULG	13	2258	2304	2307	S15	W60	3675	04	9.4	9	SF			C	2304	30	.6	
0237	CULG	13	2303	2308	2319	S29	W03	3684	04	13.7	16	SF			C	2308	30	.3	
0238	CULG	13	2315	2318	2322	N16	W27	3688	04	11.9	7	SN			C	2318	20	.2	
0239	CULG	14	0038	0042	0057	N16	W29	3688	04	11.8	19	SF			C	0042	50	.6	J
0240		14	01001	0102*	0135	S05	W22	3680	04	12.4	35	1N	C 5.2				231	2.5	CEFJJKV
	LEAR	14	0100	0102	0140	S06	W22	3680	04	12.4	40	1B	C 5.2	3	C		463		FE
	CULG	14	0100	0104	0142	S06	W23	3680	04	12.3	42	1B			C	0104	200	2.2	VJ
	PEKG	14	0101	0104	0137	S05	W23	3680	04	12.3	36	1N			C	0104	210	2.4	CEHK
	PEKG	14	0101	0126	0137	S04	W24	3680	04	12.2	36	SN			C	0126	105	1.2	E
	MANI	14	0102E	0102	0118	S05	W21	3680	04	12.5	16D	1B		1	V		375	4.1	
	PALE	14	0105E	0105U	0137D	S06	W22	3680	04	12.4	32D	SF		2	C		32		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks	
						Lat	CMD	Region									Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0241		14	0150S	01534	0206	S14	W62	3675	04	9.4	16	SN	C	3.6			63	1.0	D	
	CULG	14	0150	0153	0205	S16	W62	3675	04	9.4	15	SN			C	0153	70	1.5	D	
	LEAR	14	0152	0155	0206	S14	W62	3675	04	9.4	14	SB	C	3.6	3	C	101			
	PEKG	14	0155	0157	0207	S12	W62	3675	04	9.4	12	SN			C	0157	17	.4	D	
0242	LEAR	14	0204	0205	0209	S26	W03	3684	04	13.8	5	SF			3	C		43		
0243		14	0236*	0249*	0444	S27	W02	3684	04	13.9	128	2B	M	1.8			644	7.5	BFIUZ	
	CULG	14	0232E	0304U	0409D	S28	E01	3684	04	14.2	97D	2B			P	0304	660	7.3	FIU	
	LEAR	14	0236	0249	0545	S27	W03	3684	04	13.9	189	2B	M	1.8	3	C	503		ZU	
	MANI	14	0238E	0250	0326D	S27	W02	3684	04	13.9	48D	2B			1	V	490	5.4	ZU	
	PEKG	14	0238	0300	0423	S27	W01	3684	04	14.0	105	2B			C	0300	568	6.3	F	
	PURP	14	0247	0257	0422	S26	W01	3684	04	14.0	95	1B			C	0257	408	4.5		
	TACH	14	0309	0312	0425	S27	W03	3684	04	13.9	76	3F			C	0312	1238	13.9	BU	
0244		14	0417	04191	0424	S04	W26	3680	04	12.2	7	SN					27	.4	DE	
	LEAR	14	0417	0420	0425	S04	W26	3680	04	12.2	8	SN			3	C	22			
	PEKG	14	0418E	0419	0423	S03	W26	3680	04	12.2	5D	SF			P	0419	42	.5	E	
	YUNN	14	0422E	0422U	0424	S04	W26	3680	04	12.2	2D	SN			P	0422	16	.2	D	
0245		14	0418*	0426*	0514	S10	W14	3681	04	13.1	56	SN					135	1.4	EFJ	
	LEAR	14	0418	0426	0523	S09	W14	3681	04	13.1	65	SN			3	C	135		F	
	YUNN	14	0426E	0426U	0456D	S10	W14	3681	04	13.1	30D	SB			P	0426	96	1.0	E	
	PEKG	14	0428	0439	0450	S10	W14	3681	04	13.1	22	SN			C	0439	126	1.3	E	
	ABST	14	0429E	0432	0529	S11	W14	3681	04	13.1	60D	SF			P	0432	183	2.0	EJ	
0246	PEKG	14	0419E	0419	0428	S09	E13	3687	04	15.1	9D	SF			P	0419	34	.4	E	
0247		14	0423	0439	0453	S28	E00	3684	04	14.2	30	SN					117	1.3	E	
	YUNN	14	0422E	0426U	0456D	S28	E00	3684	04	14.2	34D	SB			P	0426	129	1.4		
	PEKG	14	0423	0439	0453	S27	E00	3684	04	14.2	30	SF			C	0439	105	1.2	E	
0248		14	0442	04562	0514	N18	W21	3688	04	12.6	32	SF					80	1.0	DJ	
	ABST	14	0441E	0458	0516D	N18	W21	3688	04	12.6	35D	SF			P	0458	87	1.0	DJ	
	LEAR	14	0442	0456	0514	N17	W21	3688	04	12.6	32	SF			3	C	74			
0249	YUNN	14	0513E	0513U	0528	S27	E00	3684	04	14.2	15D	SN			P	0513	64	.7	B	
0250		14	0531*	0551*	0626	N17	W21	3688	04	12.6	55	1N	M	2.7			167	2.5	DEFJK	
	ABST	14	0531	0603	0633	N18	W21	3688	04	12.6	62	SN			C	0603	175	2.0	DJK	
	LEAR	14	0548	0551	0633	N17	W22	3688	04	12.6	45	SF			3	C	20		K	
	LEAR	14	0548	0606	0633	N17	W22	3688	04	12.6	45	1B	M	2.7	3	C	194		FEK	
	MANI	14	0600	0604	0615	N16	W21	3688	04	12.6	15	1B			1	V	195	2.4		
	PEKG	14	0600	0604	0617	N19	W22	3688	04	12.6	17	1N			C	0604	252	3.1	E	
0251	LEAR	14	0623	0624	0630	S14	W64	3675	04	9.4	7	SN			3	C		36		
0252		14	0811	0814	0823	S02	W28	3680	04	12.2	12	SN					27	.4	EF	
	LEAR	14	0811	0814	0824	N01	W30	3680	04	12.1	13	SF			3	C	22		F	
	YUNN	14	0813E	0814	0822	S04	W27	3680	04	12.3	9D	SN			P	32	.4	E		
0253	YUNN	14	0813E	0814	0841	N18	W24	3688	04	12.5	28D	SN			P		16	.2	E	
		14	1017		1024	No Flare Patrol														
		14	1030		1059	No Flare Patrol														
		14	1114		1153	No Flare Patrol														
0254	RAMY	14	1155E	1157U	1213	N18	W25	3688	04	12.6	18D	SB	C	4.3	3	C		148		
		14	1221		1242	No Flare Patrol														
0255		14	1310	1359	1424	S03	W31	3680	04	12.2	74	SN					58		F	
	RAMY	14	1310	1359	1424	S03	W31	3680	04	12.2	74	SN			3	C	79			
	HOLL	14	1356E	1358U	1409D	S03	W31	3680	04	12.3	13D	SF			3	C	37		F	
0256	HOLL	14	1326E	1329	1336D	N01	W14	3682	04	13.5	10D	SN			3	C		168		F
0257	HOLL	14	1534E	1534U	1545D	S25	W10	3684	04	13.9	11D	SF			3	C		28		F
		14	1837		1911	No Flare Patrol														
		14	1922		1923	No Flare Patrol														

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Area Measurement			Remarks
																Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
			14 1938		1942			No Flare Patrol											
			14 2031		2037			No Flare Patrol											
0258	CULG	14	2326	2329	2338	S08	W53	3693	04	11.0	12	SF			C	2329	30	.5	
0259	CULG	14	2347	2351U	2359	N17	W33	3688	04	12.5	12	SF			P	2351	20	.3	
0260		14	2349	2349	2402	S08	E13	3687	04	16.0	13	SF					40	.4	
	LEAR	14	2349	2349	2402	S09	E13	3687	04	16.0	13	SF		3	C		39		
	CULG	14	2349	2351U	2357U	S08	E13	3687	04	16.0	8U	SF			P	2351	40	.4	
0261		15	0346*	0441*	0534	S13	E03	3687	04	15.4	108	SN	C 2.1				120	1.3	EFJK
	CULG	15	0346	0445	0544	S14	E05	3687	04	15.5	118	SN			C	0445	60	.6	KEJ
	LEAR	15	0435	0446	0541	S14	E04	3687	04	15.5	66	SN	C 2.1	3	C		102		F
	TACH	15	0439	0441	0518	S14	E03	3687	04	15.4	39	SN			C	0441	176	1.8	EJ
	PEKG	15	0443E	0447	0507D	S13	E02	3687	04	15.3	24D	SF			C	0447	139	1.4	EK
	PEKG	15	0443E	0507	0507D	S13	E02	3687	04	15.3	24D	SF			C	0507	126	1.3	E
0262		15	04539	04589	0521	S09	W28	3681	04	13.1	28	SN					71	.8	EFJ
	LEAR	15	0453	0458	0532	S09	W28	3681	04	13.1	39	SB		3	C		76		FE
	CULG	15	0454E	0507U	0511D	S10	W28	3681	04	13.1	17D	SN			P	0507	70	.8	J
	PEKG	15	0502	0507	0510	S09	W29	3681	04	13.0	8	SF			C	0507	67	.8	E
0263	LEAR	15	0512	0513	0518	N17	W35	3688	04	12.5	6	SB		3	C		21		E
0264	TACH	15	0553	0559	0613	S10	W28	3681	04	13.1	20	SN			C	0559	132	1.5	E
		15	0632		0639			No Flare Patrol											
0265		15	07414	07506	0805	S10	W30	3681	04	13.1	24	SF	C 1.0				23	.2	E
	HTRP	15	0741	0756	0807	S10	W30	3681	04	13.1	26	SF			C	0756	20	.2	E
	LEAR	15	0745	0750	0803	S09	W30	3681	04	13.1	18	SF	C 1.0	3	C		26		
0266		15	09071	09091	0916	N01	E56	3695	04	19.6	9	SF					32	.6	H
	HTRP	15	0907	0910	0914	N02	E57	3695	04	19.6	7	SF			C	0910	20	.3	
	LEAR	15	0907	0910	0920	N01	E55	3695	04	19.5	13	SF		3	C		32		H
	WEND	15	0908	0909	0915	S01	E57	3695	04	19.6	7	SF			C	0909	44	.8	H
0267		15	0947	09481	0956	N17	W40	3688	04	12.4	9	SF					30	.4	
	HTRP	15	0947	0948	0956	N16	W40	3688	04	12.4	9	SF			C	0948	30	.4	
	WEND	15	0947	0949	0955	N18	W39	3688	04	12.4	8	SF			C	0949	31	.4	
0268	WEND	15	1033	1035	1043	N19	W35	3688	04	12.8	10	SN			C	1035	44	.6	H
		15	1129		1144			No Flare Patrol											
0269		15	1203	1206	1211	N18	W38	3688	04	12.6	8	SN					44	.7	
	RAMY	15	1203	1206	1210	N18	W39	3688	04	12.5	7	SN		3	C		39		
	WEND	15	1206E		1212	N19	W36	3688	04	12.7	6D	SN			C	1206	50	.7	
0270	RAMY	15	1240	1240	1308	N18	W40	3688	04	12.5	28	SN	C 1.3	3	C		28		
0271		15	1322	13243	1342	S09	W32	3681	04	13.1	20	SN	C 1.1				156		
	RAMY	15	1322	1324	1343	S10	W32	3681	04	13.1	21	SN	C 1.1	3	C		188		
	HOLL	15	1322	1327	1342	S08	W33	3681	04	13.1	20	SF		3	C		124		
0272	HOLL	15	1323	1323	1355	S06	W40	3680	04	12.6	32	SF		3	C		20		
0273	RAMY	15	1354	1413	1508	S18	E26	3696	04	17.5	74	SF		3	C		46		
0274		15	1708	1709	1716	N19	W42	3688	04	12.5	8	SN	C 1.9				54	1.0	
	HOLL	15	1708	1709	1716	N19	W42	3688	04	12.5	8	SN	C 1.9	3	C		39		
	BIGB	15	1708	1709	1716	N19	W42	3688	04	12.5	8	SN	C 1.9	3	C	1709	70	1.0	
0275		15	18251	1829	1834	N01	W34	3682	04	13.2	9	SN					32		F
	HOLL	15	1825	1829	1835	N00	W37	3682	04	13.0	10	SF		3	C		37		F
	RAMY	15	1826	1829	1832	N02	W32	3682	04	13.4	6	SN		3	C		26		
0276	CULG	15	2353	2355	2404	N13	W55	3679	04	11.8	11	SF			C	2355	20	.4	
0277	CULG	15	2357	2415	2436	S06	W73	3693	04	10.5	39	SF			C	2415	30		J

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Apparent (10 ⁻⁶ Disk)	Measurement Corr (Sq Deg)	Remarks
0278	CULG	16	0227	0230	0235	N14	W57	3688	04	11.8	8	SN			C	0230	40	.8	
0279	CULG	16	0523	0524	0534	N08	E44	3695	04	19.5	11	SF			C	0524	20	.3	
0280	WEND	16	0812	0814	0820	S01	W82	3693	04	10.2	8	SN			C	0814	19		
0281	PEKG	16	0830E	0831U	0836	S02	W82	3693	04	10.2	6D	SN			C	0831	13		DJ
0282	16	0856*	09204	0940	S02	W82	3693	04	10.2	44	SF						18		D
	PEKG	16	0856	0920	0930D	S02	W82	3693	04	10.2	34D	SF			P	0920	17		D
	WEND	16	0920	0924	0940	S01	W82	3693	04	10.3	20	SF			C	0924	19		
0283	WEND	16	0950	0959	1023D	S01	W83	3693	04	10.2	33D	SN			C	0953	25		
0284	WEND	16	1146	1152	1158	N07	W39	3682	04	13.6	12	SF			C	1152	106	1.4	
0285	WEND	16	1148	1150	1154	S01	W84	3693	04	10.2	6	SF			C	1150	32		
0286	16	1417	14173	1424	N17	W62	3688	04	11.9	7	SN	C 1.0					32	1.1	
	RAMY	16	1417	1417	1425D	N19	W62	3688	04	11.9	8D	SB	C 1.0	3	C		24		
	HOLL	16	1417	1417	1426	N16	W64	3688	04	11.7	9	SF		3	C		21		
	WEND	16	1417	1420	1423	N17	W60	3688	04	12.0	6	SN			C	1420	50	1.1	
0287	BIGB	16	1850	1901	1938	S10	W18	3687	04	15.4	48	SN		3	C	1901	80	.9	
0288	16	2122	2125	2137	S04	W90	3693	04	10.2	15	SN	M 2.0					90	.9	
	BIGB	16	2122	2125	2137	S04	W90	3693	04	10.2	15	SN	M 2.0	3	C	2125	90	.9	
	HOLL	16	2122	2125	2137	S04	W90	3693	04	10.2	15	SN	M 2.0	3	C				
0289	17	01011	01044	0133	S16	E08	3696	04	17.6	32	SB	C 4.9					152	1.7	EF
	YUNN	17	0101	0108	0128	S16	E08	3696	04	17.6	27	1B			C		209	2.2	
	LEAR	17	0102	0104	0129	S17	E08	3696	04	17.6	27	SB	C 4.9	3	C		141		FE
	MANI	17	0102E	0105	0124	S17	E08	3696	04	17.6	22D	SB		1	V		120	1.3	FE
	MITK	17	0108E	0150	S16	E08	3696	04	17.6	42D	SN				C	0108	140	1.5	E
0290	17	0630	06333	0714	S16	E04	3696	04	17.6	44	SN						140	1.5	FJ
	YUNN	17	0630	0634	0642D	S16	E04	3696	04	17.6	12D	SN			P		80	.8	
	LEAR	17	0630	0634	0654D	S17	E04	3696	04	17.6	24D	SN		3	C		127		F
	CULG	17	0630	0636	0704D	S16	E05	3696	04	17.6	34D	SN			P	0636	120	1.2	F
	ABST	17	0631E	0633	0704D	S16	E05	3696	04	17.6	33D	1N			P	0633	261	2.7	FJ
	WEND	17	0649E	0713	S17	E01	3696	04	17.3	24D	SN				C	0649	113	1.2	
	KANZ	17	0659E	0714	S17	E04	3696	04	17.6	15D	SF		1						
0291	KANZ	17	0730	0738	0748	S16	E06	3696	04	17.8	18	SN		1					
0292	HTPR	17	1510	1518	1555	S17	E01	3696	04	17.7	45	SN			C	1518	80	.8	
0293	BIGB	17	1525	1538	1615	S18	W01	3696	04	17.6	50	SN		3	C	1538	70	.7	
0294	HOLL	17	1929	1931	1938	N05	W58	3682	04	13.5	9	SF	C 1.6	3	C		25		
0295	CULG	18	0139E	0139	0140	S17	W02	3696	04	17.9	1D	SF			P	0139	20	.2	H
0296	18	0211	02148	0250	S18	W08	3696	04	17.5	39	SB						80	.7	F
	CULG	18	0211	0214	0227D	S18	W08	3696	04	17.5	16D	SB			P	0214	70	.7	F
	LEAR	18	0211	0222	0250	S18	W08	3696	04	17.5	39	SN		3	C		89		F
0297	18	03592	04022	0409	S16	W04	3696	04	17.9	10	SB	C .9					46	.6	H
	CULG	18	0359	0402	0409	S16	W04	3696	04	17.9	10	SB			C	0402	60	.6	H
	LEAR	18	0401	0404	0409	S17	W04	3696	04	17.9	8	SN	C .9	3	C		33		
0298	18	05444	0551	0554	S17	W04	3696	04	17.9	10	SN						40	.5	H
	CULG	18	0544	0547U	0547D	S17	W05	3696	04	17.8	3D	SB			P	0547	50	.5	H
	LEAR	18	0548	0551	0554	S17	W04	3696	04	17.9	6	SF		3	C		30		
0299	LEAR	18	0708E	0709	0718	N14	W79	3688	04	12.3	10D	SF		3	C				
	18	0906		0944	No Flare Patrol														
0300	CATA	18	1040	1045	1120	N12	W76	3679	04	12.7	40	S		2	C	1045	28		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF Region			CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks			
						Lat	CMD	USAF Region								Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)				
0301	CATA	18	1040	1045	1120	N17	W77	3688	04	12.6	40	1		2	C	1045	56					
0302	RAMY	18	1200E	1237	1313	S18	W15	3696	04	17.3	73D	SN		3	C		99					
0303	RAMY	18	1318	1318	1326	S19	W15	3696	04	17.4	8	SF		3	C		34					
0304	RAMY	18	1338	1338	1344	S17	W14	3696	04	17.5	6	SF		3	C		29					
0305	RAMY	18	1352	1403	1407	S19	W16	3696	04	17.3	15	SF		3	C		31					
0306	BIGB	18	1509	1509	1521	S10	W40	3687	04	15.6	12	SF		3	C	1509	70	.9				
0307		18	16062	16182	1645	S20	W14	3696	04	17.6	39	SN	C 2.5				130	1.3				
	HOLL	18	1606	1620	1647	S19	W14	3696	04	17.6	41	SN	C 2.5	3	C		134					
	RAMY	18	1607	1618	1634	S19	W13	3696	04	17.7	27	SN		3	C		136					
	BIGB	18	1608	1618	1653	S21	W14	3696	04	17.6	45	SB		3	C	1618	120	1.3				
0308	BIGB	18	2042	2046	2105	N21	W50	3694	04	15.0	23	SN		3	C	2046	80	1.3				
0309	BIGB	18	2048	2050	2109	S09	W43	3687	04	15.6	21	SF		3	C	2050	70	1.0				
0310		18	22104	22156	2237	N08	E78	3713	04	24.8	27	1N					128		DJ			
	VORO	18	2210	2215	2232	N08	E80	3713	04	24.9	22	1N			C	2215	116		DJ			
	CULG	18	2214	2221	2242	N08	E75	3713	04	24.5	28	1F			C	2221	140					
0311		18	2221*	2252*	2340	S19	W22	3696	04	17.2	79	SN					86	1.1	EJK			
	HOLL	18	2221	2302	2302D	S18	W22	3696	04	17.2	41D	SN		3	C		57					
	BIGB	18	2239	2252	2404	S19	W21	3696	04	17.3	85	SN		3	C	2252	90	1.0				
	VORO	18	2248	2258	2327	S18	W22	3696	04	17.3	39	SB			C	2258	99	1.1	EJK			
	CULG	18	2250	2255	2328	S20	W21	3696	04	17.3	38	SN			C	2255	100	1.1	J			
0312	CULG	18	2258	2259	2300	S07	W40	3687	04	16.0	2	SF			C	2259	40	.5				
0313		19	04158	04258	0448	S19	W21	3696	04	17.6	33	1B					164	2.0	EF IJKU			
	CULG	19	0415	0426	0446	S19	W25	3696	04	17.3	31	1B			C	0426	180	2.0	KJIFE			
	PURP	19	0422	0425	0444	S20	W25	3696	04	17.3	22	SB			C	0425	48	.6	E			
	TACH	19	0423	0428	0435	S18	W20	3696	04	17.6	12	1N			C	0428	309	3.5	U			
	LEAR	19	0430E	0433	0509	S20	W15	3696	04	18.0	39D	SB		2	C		120		FE			
0314	ISTA	19	0740		0745	S08	W53	3681	04	15.3	5	SF							D			
0315		19	1020	10256	1040	S20	W33	3696	04	16.9	20	SN					72	1.2	E			
	MONT	19	1020	1025	1041	S20	W37	3696	04	16.6	21	SF			C	1025	50		E			
	ATHN	19	1030E	1031	1038	S20	W29	3696	04	17.2	8D	SN		3	V	1031	95	1.2				
		19	1051		1101	No Flare Patrol																
		19	1135		1148	No Flare Patrol																
0316		19	1755*	18131	1852	S19	W33	3696	04	17.2	57	1B	M 2.0				176	2.2	E			
	PALE	19	1755	1814	1840	S21	W33	3696	04	17.2	45	SB		3	C		102		E			
	RAMY	19	1810	1813	1854D	S19	W33	3696	04	17.2	44D	1B	M 2.0	3	C		245					
	BIGB	19	1811	1813	1905	S18	W32	3696	04	17.3	54	1B		3	C	1813	180	2.2				
0317	CULG	20	0018	0020	0024	S09	E23		04	21.7	6	SF			C	0020	40	.4				
0318	CULG	20	0309	0311	0322	N15	E61	3703	04	24.7	13	SN			C	0311	20	.4				
0319	ABST	20	0502	0505	0533	N17	E66	3703	04	25.2	31	1F			C	0505	175		EJ			
0320	HTPR	20	0910		0921D	N20	E63	3703	04	25.2	11D	SF			C	0913	40	.8				
		20	1101		1208	No Flare Patrol																
		20	2050		2130	No Flare Patrol																
		20	2138		2140	No Flare Patrol																
		20	2204		2212	No Flare Patrol																
0321	CULG	21	0333	0337	0347D	N11	E53	3707	04	25.1	14D	SF			P	0337	20	.3				
0322	RAMY	21	1251	1257	1325	N11	E52	3702	04	25.4	34	SF	C .8	3	C		26					
		21	2055		2104	No Flare Patrol																

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area (10 ⁻⁶)	Measurement Apparent Disk	Corr (Sq Deg)	Remarks
0323		22	0237	0237	0246	N18	E36	3703	04	24.8	9	SN						54	1.1	F
	CULG	22	0237	0237	0244	N19	E35	3703	04	24.8	7	SF			C	0237	80	1.1	F	
	LEAR	22	0237	0237	0247	N18	E36	3703	04	24.8	10	SN		3	C		29			
0324	HTPR	22	1026	1027	1029	N08	E36	3707	04	25.1	3	SF			C	1027	20		.2	
		22	1101		1104	No Flare Patrol														
0325	HTPR	22	1243		1245D	N10	E31	3707	04	24.8	2D	SF			C	1245	30		.3	
0326	HTPR	22	1254		1427D	N10	E45	3707	04	25.9	93D	2B			C	1323	500		7.0	EH1W
0327	KANZ	22	1301		1301D	N12	E37	3702	04	25.3	93D	SN		1						
0328	BIGB	22	1454E	1504	1647	N14	E48	3702	04	26.2	113D	1B		3	P	1504	320		5.0	
0329	KANZ	22	1457	1502	1515	N11	E32	3707	04	25.0	18	SF		1						
0330	BIGB	22	1746	1751	1759	N19	E20	3703	04	24.3	13	SN		3	C	1751	80		.9	
0331	RAMY	22	1754	1947	2017	N19	E30	3703	04	25.0	143	SF		3	C		55			
0332	RAMY	22	1820	1823	1840	N22	E54	3706	04	26.9	20	SF		3	C		20			
0333	RAMY	22	1820	1853	1906	N09	E35	3702	04	25.4	46	SF		3	C		105			
0334		22	2157	2159	2208	N19	E23	3703	04	24.7	11	SN					52		.8	
	RAMY	22	2157	2159	2207	N19	E23	3703	04	24.7	10	SN		3	C		35			
	BIGB	22	2157	2159	2208	N19	E23	3703	04	24.7	11	SN		3	C	2159	70		.8	
0335	CULG	22	2210	2214	2234	N02	W07	3708	04	22.4	24	SF			P	2214	40		.4	
0336	RAMY	22	2211	2214	2215	N12	E37	3702	04	25.7	4	SF		3	C		51			
0337	CULG	23	0102	0108	0122	S12	E13	3713A	04	24.0	20	SF			C	0108	60		.6	
0338	PEKG	23	0138E	0145	0151D	N02	W08	3708	04	22.5	13D	SF			P	0145	168		1.8	E
0339		23	0141	0144	0150	N20	E22	3703	04	24.7	9	SN					114		1.4	EJ
	CULG	23	0141	0144	0152	N21	E22	3703	04	24.7	11	SN			C	0144	90		1.1	J
	PEKG	23	0144E	0144	0149	N20	E22	3703	04	24.7	5D	SF			P	0144	139		1.7	E
0340	CULG	23	0235	0235	0241	N21	E28	3703	04	25.2	6	SF			C	0235	40		.5	
0341		23	0413	0414	0422	N20	E25	3703	04	25.1	9	SN					36		.4	F
	CULG	23	0413	0414	0422	N21	E24	3703	04	25.0	9	SF			C	0414	30		.4	
	LEAR	23	0415E	0416U	0421	N19	E26	3703	04	25.2	6D	SN		2	C		42			F
0342		23	0603*	06166	0628	N23	E44	3706	04	26.6	25	SF					50		.7	EJK
	CULG	23	0603	0622	0630	N23	E43	3706	04	26.6	27	SF			C	0622	40		.6	JK
	HTPR	23	0615	0616	0626	N23	E44	3706	04	26.6	11	SF			C	0616	60		.8	E
0343	HTPR	23	0707	0710	0714	N19	E22	3703	04	25.0	7	SF			C	0710	30		.3	
0344	HTPR	23	0725	0726	0733	N23	E44	3706	04	26.7	8	SF			C	0726	70		1.0	
0345	HTPR	23	0843	0844	0848	N09	E24	3707	04	25.2	5	SF			C	0844	30		.3	
0346		23	0852*	0853*	0915	N21	E44	3706	04	26.7	23	SN	C 2.3				76		1.5	E
	LEAR	23	0852	0853	0857	N21	E44	3706	04	26.7	5	SF		3	C		22			
	LEAR	23	0903	0904	0926D	N22	E44	3706	04	26.7	23D	SN	C 2.3	2	C		74			
	PEKG	23	0903	0904	0930	N21	E43	3706	04	26.7	27	1N			C	0904	143		2.3	E
	HTPR	23	0904	0904	0914	N23	E44	3706	04	26.8	10	SN			C	0904	60		.8	
	CATA	23	0905	0905	0920	N21	E44	3706	04	26.7	15	S		2	C	0905	84		1.4	
0347	CATA	23	0950	0950	1000	S13	W01	3699	04	23.3	10	S		2	C	0950	56		.6	
0348		23	09504	0950*	1011	N21	E43	3706	04	26.7	21	SF					48		.8	E
	CATA	23	0950	0950	1015	N20	E43	3706	04	26.7	25	S		2	C	0950	56		.9	
	HTPR	23	0954	1000	1007	N22	E43	3706	04	26.7	13	SF			C	1000	40		.6	E

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																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0349	WEND	23	1004		1014D	N25	E22	3710	04	25.1	10D	SF		P		1009	37	.4	
0350	ABST	23	1047E	1047	1055D	N24	E45	3706	04	26.9	8D	SF		P		1047	87	1.5	DJ
0351	ABST	23	1048	1049	1055D	N09	E23	3707	04	25.2	7D	SF		P		1049	87	1.0	DJV
0352		23	12396	12415	1320	N22	E42	3706	04	26.7	41	SN					59	.7	E
	HTPR	23	1239	1241	1251	N22	E42	3706	04	26.7	12	SB		C		1241	50	.7	E
	RAMY	23	1245	1246	1348	N22	E42	3706	04	26.7	63	SF	3	C			68		
0353	HTPR	23	1335	1337	1339	N08	E20	3707	04	25.1	4	SF		C		1337	20	.2	
0354		23	1441*	15028	1540	N22	E42	3706	04	26.8	59	SN					52	.5	E
	RAMY	23	1441	1502	1550	N22	E43	3706	04	26.9	69	SN	3	C			63		
	HTPR	23	1502	1510	1529	N23	E40	3706	04	26.7	27	SF		C		1510	40	.5	E
0355		23	16351	16371	1652	N18	E16	3703	04	24.9	17	SN	C 1.4				73	.9	F
	RAMY	23	1635	1638	1649	N18	E16	3703	04	24.9	14	SN	C 1.4	3	C		66		F
	BIGB	23	1636	1637	1655	N18	E16	3703	04	24.9	19	SN		3	C	1637	80	.9	
0356	RAMY	23	1822	1824	1831	N21	E41	3706	04	26.9	9	SF		3	C		26		
0357	BIGB	23	2311	2314	2316	N22	E39	3706	04	27.0	5	SN		3	C	2314	90	1.2	
0358		23	2313	2315	2322	N17	E14	3703	04	25.0	9	SN					70	.8	DJ
	VORO	23	2313	2315	2322	N17	E15	3703	04	25.1	9	SN		C		2315	99	1.1	DJ
	CULG	23	2313E	2315U	2323D	N17	E14	3703	04	25.0	10D	SF		P		2315	40	.4	D
0359		23	2313	23161	2336	N01	W23	3708	04	22.2	23	SN					79	.9	DJK
	CULG	23	2313E	2316	2323D	N01	W23	3708	04	22.2	10D	SN		P		2316	50	.6	DJ
	VORO	23	2313	2317	2336	N01	W23	3708	04	22.2	23	SN		C		2317	108	1.2	DJK
0360		23	23571	2402	2418	N17	E12	3703	04	24.9	21	SN					69	1.2	
	BIGB	23	2357	2402	2421	N17	E12	3703	04	24.9	24	SN		3	C	2402	110	1.2	
	LEAR	23	2358	2402	2414	N17	E12	3703	04	24.9	16	SN		3	C		28		
0361	PEKG	24	0006E	0006	0015	N18	E13	3703	04	25.0	9D	SN		P		0006	93	1.1	E
0362	VORO	24	0119		0121D	N22	E36	3706	04	26.8	2D	SN		P		0119	90	1.3	EJ
0363		24	0150*	02081	0219	N22	E35	3706	04	26.8	29	SN					42	.8	EJK
	CULG	24	0150	0209	0220	N23	E35	3706	04	26.8	30	SN		C		0209	60	.8	JKE
	LEAR	24	0208	0208	0218	N21	E35	3706	04	26.8	10	SN	3	C			24		
0364		24	0219	02217	0239	N18	E10	3703	04	24.8	20	SN					86	.6	F
	CULG	24	0219	0221	0234	N19	E10	3703	04	24.8	15	SF		C		0221	50	.6	F
	LEAR	24	0219	0228	0244	N17	E11	3703	04	24.9	25	SN	3	C			121		F
0365	CULG	24	0247	0259	0320	N22	E32	3706	04	26.6	33	SF		C		0259	70	.9	JK
0366	LEAR	24	0256	0256	0313	N08	E13	3707	04	25.1	17	SF	C 2.0	3	C		27		
0367		24	0625	06269	0656	N08	E12	3707	04	25.2	31	SN					87	1.1	EF
	LEAR	24	0625	0626	0654	N08	E12	3707	04	25.2	29	SN		3	C		51		F
	PEKG	24	0625	0628	0658	N09	E12	3707	04	25.2	33	SF		P		0628	97	1.0	E
	CATA	24	0635E	0635	0640D	N08	E13	3707	04	25.2	5D	S		2	P	0635	112	1.2	
0368		24	06351	06357	0649	N20	E12	3703	04	25.2	14	SB	C 3.9				76	.8	DEH
	CATA	24	0635E	0635	0640D	N19	E13	3703	04	25.3	5D	S		2	P	0635	68	.8	
	PEKG	24	0635E	0636	0644	N20	E12	3703	04	25.2	9D	SB		P		0636	101	1.2	E
	ATHN	24	0635	0637	0644	N20	E12	3703	04	25.2	9	SB		V		0637	111	1.2	
	LEAR	24	0635	0637	0648	N19	E12	3703	04	25.2	13	SB	C 3.9	3	C		119		H
	HTPR	24	0636	0638	0659	N20	E12	3703	04	25.2	23	SN		C		0638	60	.6	
	MANI	24	0637E	0637	0643D	N18	E12	3703	04	25.2	6D	SB		1	V		90	1.0	
	CULG	24	0638E	0638U	0638D	N21	E11	3703	04	25.1	6D	SN		P		0638	30	.3	
	PURP	24	0641E	0642	0650	N19	E12	3703	04	25.2	9D	SN		C		0642	27	.3	D
		24	1041		1122	No Flare Patrol													
0369	RAMY	24	1120	1137U	1153	N21	E12	3703	04	25.4	33	SN	C 2.3	3	C		38		

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						Lat	CMD	Region									Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)			
		24	1130		1136	No Flare Patrol															
0370	RAMY	24	1137E	1137	1147	N03	W64	3695	04	19.7	10D	SN		3	C		39		F		
0371	RAMY	24	1138	1138	1147	N22	E31	3706	04	26.9	9	SN		3	C		21		F		
0372	CATA	24	1145	1155	1155D	N05	E11	3701	04	25.3	10D	S		2	P	1155	169	1.8			
0373	RAMY	24	1216	1233	1236	N18	E06	3703	04	25.0	20	SF		3	C		24		F		
0374		24	1252*	1252*	1314	N09	E08	3707	04	25.1	22	SN	C 2.6				56	.5	EF		
	RAMY	24	1252	1252	1323	N10	E07	3707	04	25.1	31	SB	C 2.6	3	C		67		FE		
	HTPR	24	1252	1253	1301	N09	E08	3707	04	25.1	9	SN			C	1253	60	.6	E		
	HTPR	24	1308	1311	1318	N09	E09	3707	04	25.2	10	SF			C	1311	40	.4	E		
0375	HTPR	24	1345	1348	1402	N09	E08	3707	04	25.2	17	SF			C	1348	60	.6	E		
0376	HTPR	24	1428	1435	1451	N09	E07	3707	04	25.1	23	SF			C	1435	50	.5	E		
0377	HTPR	24	1431	1433	1443	N04	E08	3701	04	25.2	12	SF			C	1433	30	.3			
0378	RAMY	24	1509	1513	1528	N18	E08	3703	04	25.2	19	SF	C 1.2	3	C		47				
0379		24	1552	1554	1600	N07	E08	3707	04	25.3	8	SN					43				
	RAMY	24	1552	1554	1600	N09	E07	3707	04	25.2	8	SN		3	C		27				
	HOLL	24	1555E	1555U	1705D	N05	E08	3707	04	25.3	70D	SF		3	C		59				
0380		24	1627	1628*	1737	N09	E06	3707	04	25.1	70	SN	C 2.1				34				
	RAMY	24	1627	1628	1746	N09	E06	3707	04	25.1	79	SN	C 2.1	3	C		38				
	HOLL	24	1710E	1720	1728	N09	E06	3707	04	25.2	18D	SF		3	C		29				
0381	HOLL	24	1759	1814	1821	N09	E05	3707	04	25.1	22	SF		3	C		23				
0382	HOLL	24	1833	1835	1845	S03	W44	3709	04	21.5	12	SF	C 1.3	3	C		63				
		24	2117		2124	No Flare Patrol															
		24	2135		2139	No Flare Patrol															
0383	VORO	24	2306	2308	2319	N05	E04	3701	04	25.3	13	SN			C	2308	134	1.4	E		
0384		25	00211	0027*	0101	N05	E04	3701	04	25.3	40	SN	C 1.3				111	1.2	EFJK		
	CULG	25	0021	0027	0055	N06	E04	3701	04	25.3	34	SF			C	0027	50	.5	EJ		
	LEAR	25	0021	0044	0112	N05	E04	3701	04	25.3	51	SN	C 1.3	3	C		87		F		
	VORO	25	0022	0027	0056	N05	E04	3701	04	25.3	34	SN			C	0027	197	2.0	EJK		
0385		25	01241	01274	0144	N05	E03	3701	04	25.3	20	SN	C 2.1				124	1.3	EFJ		
	CULG	25	0124	0128	0150	N06	E03	3701	04	25.3	26	SN			C	0128	70	.7	EJ		
	MITK	25	0125	0127	0143	N05	E03	3701	04	25.3	18	SN			C	0127	120	1.3	E		
	LEAR	25	0125	0127	0147	N04	E03	3701	04	25.3	22	SB	C 2.1	3	C		105		FE		
	VORO	25	0125	0128	0146	N06	E04	3701	04	25.3	21	SB			C	0128	161	1.7	E		
	MANI	25	0126E	0127	0141	N04	E03	3701	04	25.3	15D	SN		1	V		100	1.0	F		
	PEKG	25	0129E	0131	0140	N05	E03	3701	04	25.3	11D	SN			C	0131	189	2.0	E		
0386		25	0250	02525	0304	N09	W00	3707	04	25.1	14	SF					57	.6	DJ		
	CULG	25	0250	0252	0306	N09	W01	3707	04	25.0	16	SF			C	0252	30	.3	J		
	PEKG	25	0255E	0257	0303	N09	E00	3707	04	25.1	8D	SF			C	0257	84	.9	D		
0387		25	0332	0332	0339	N18	W02	3703	04	25.0	7	SF					28	.3	F		
	LEAR	25	0332	0332	0340	N18	W02	3703	04	25.0	8	SF		3	C		31		F		
	MANI	25	0333E	0333U	0338	N18	W02	3703	04	25.0	5D	SF		1	V		25	.3	F		
0388	CULG	25	0523	0525U	0529U	N36	E03		04	25.5	6U	SF			P	0525	20	.3			
0389		25	0526*	05325	0542	N16	W05	3703	04	24.8	16	SF					104	1.9	EFK		
	ABST	25	0526	0532	0540	N17	W05	3703	04	24.8	14	SF			C	0532	174	1.9	EK		
	LEAR	25	0536	0537	0545	N16	W05	3703	04	24.8	9	SF		3	C		33		F		
0390		25	05516	0559	0626	N16	W06	3703	04	24.8	35	SF					32	.2	F		
	LEAR	25	0551	0559	0626	N16	W05	3703	04	24.9	35	SF		3	C		44		F		
	CULG	25	0557	0559U	0559D	N16	W08	3703	04	24.6	2D	SF			P	0559	20	.2			

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	Remarks
0391		25	0655	07015	0708D	N23	E16	3706	04	26.5	13D	SN					64	.8	DEJ
	ABST	25	0655	0706	0708D	N23	E16	3706	04	26.5	13D	SN			P	0706	87	1.0	DJ
	PEKG	25	0701E	0701	0705D	N23	E16	3706	04	26.5	4D	SF			C	0701	42	.5	E
		25	0932		0950			No Flare Patrol											
0392	RAMY	25	1155	1203	1216	S11	W20	3699	04	24.0	21	SF		3	C		31		F
0393		25	12055	12076	1225	N06	W02	3701	04	25.3	20	SB C	1.4				81	1.3	
	RAMY	25	1205	1207	1224	N06	W02	3701	04	25.3	19	SN C	1.4	3	C		35		
	ATHN	25	1210	1213	1226	N05	W02	3701	04	25.3	16	SB		3	V	1213	127	1.3	
0394	RAMY	25	1343	1348	1404	S05	W58	3709	04	21.2	21	SF		3	C		24		
0395	RAMY	25	1409	1438	1447	S05	W58	3709	04	21.2	38	SF		3	C		23		
0396	BIGB	25	1759	1814	1827	N09	E05	3707	04	26.1	28	SF		3	C	1814	100	1.0	
0397	BIGB	25	2031	2035	2100	N08	W02	3707	04	25.7	29	SN		3	C	2035	80	.8	
0398	HOLL	25	2032	2034	2045	N10	W10	3707	04	25.1	13	SF C	1.4	3	C		128		F
0399	HOLL	25	2141	2141	2200	N03	W47	3708	04	22.4	19	SF		3	C		16		F
0400		25	2143	21441	2211	N11	W11	3707	04	25.1	28	SN					65	.8	F
	HOLL	25	2143	2144	2218	N13	W13	3707	04	24.9	35	SF		3	C		50		F
	BIGB	25	2143	2145	2204	N09	W09	3707	04	25.2	21	SN		3	C	2145	80	.8	
0401	HOLL	25	2144	2144	2205	N15	W11	3703	04	25.1	21	SF C	1.3	3	C		26		F
0402	CULG	25	2215E	2221	2238	N13	W15	3702	04	24.8	23D	SF			P	2221	40	.4	J
0403	BIGB	25	2340	2345	2430	N03	W02	3701	04	25.8	50	SN		3	C	2345	70	.7	
0404	CULG	25	2341	2343	2401	N25	E11	3706	04	26.8	20	SF			C	2343	20	.2	J
0405	CULG	26	0103	0106	0114	S06	W60	3709	04	21.5	11	SN			C	0106	20	.4	JT
0406		26	01026	0109	0128	N19	W14	3703	04	25.0	26	SN					68	.9	EF1
	CULG	26	0102	0109	0126	N18	W16	3703	04	24.8	24	SF			C	0109	80	.9	EI
	LEAR	26	0108	0109	0130	N20	W12	3703	04	25.1	22	SN		3	C		57		F
0407	PALE	26	0214	0216	0221	S04	W63	3709	04	21.4	7	SF		3	C		50		
0408	PALE	26	0217	0217	0220	N06	W37	3705	04	23.3	3	SF		3	C		44		
0409	CULG	26	0521E	0528U	0536	N12	W06	3702	04	25.8	15D	SF			P	0528	30	.3	J
0410	LEAR	26	0555	0611	0629	N20	W11	3703	04	25.4	34	SN		3	C		58		
0411		26	0636E	0636*	0705	S04	W65	3709	04	21.4	29D	SN					42		E
	PEKG	26	0636E	0636	0705	S03	W66	3709	04	21.3	29D	SN			C	0636	42		E
	KANZ	26	0657E	0657	0705	S06	W64	3709	04	21.5	8D	SF		1					
0412	KANZ	26	0739	0746	0802	N16	E43	3712	04	29.6	23	SF		1					GL
0413	ATHN	26	1021	1025	1042	N18	W19	3703	04	25.0	21	SB C	1.3	3	V	1025	159	1.9	
0414		26	11531	11551	1306	N20	E06	3706	04	26.9	73	SN					162		
	KANZ	26	1153	1156	1214	N19	E04	3706	04	26.8	21	SN		2					
	RAMY	26	1154	1155	1357	N20	E07	3706	04	27.0	123	SN		3	C		162		
0415	RAMY	26	1523	1531	1543	N11	W21	3707	04	25.1	20	SF		3	C		40		
0416		26	2310*	24012	2427	N15	W27	3703	04	24.9	77	1N					179	2.0	FIJ
	BIGB	26	2310	2402	2423D	N15	W27	3703	04	24.9	73D	SN		3	P	2402	160	1.9	
	CULG	26	2357	2403	2427	N14	W28	3703	04	24.9	30	1N			C	2403	180	2.2	FIJ
	LEAR	26	2358	2401	2415D	N15	W27	3703	04	24.9	17D	1N		3	C		196		F
0417	CULG	27	0346	0351	0400	N13	E04		04	27.4	14	SF			C	0351	30	.3	GJ

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0418	CULG	27	0525	0530	0539	N11	W25	3707	04	25.3	14	SF			C	0530	20	.2	J
0419		27	06446	06464	0654	N22	W05	3706	04	26.9	10	SF					39	.4	
	HTPR	27	0644	0647	0650	N22	W05	3706	04	26.9	6	SF			C	0647	30	.3	
	CULG	27	0645	0646	0651	N22	W05	3706	04	26.9	6	SF			C	0646	30	.3	
	CATA	27	0650	0650	0700	N22	W04	3706	04	27.0	10	S		2	C	0650	56	.6	
0420		27	07466	07524	0800	N22	W05	3706	04	26.9	14	SB					94	1.0	DF
	HTPR	27	0746	0752	0759	N22	W05	3706	04	26.9	13	SB			C	0752	90	.9	
	ISTA	27	0750		0757	N22	W03	3706	04	27.1	7	SN							D
	ATHN	27	0752	0756	0804	N22	W07	3706	04	26.8	12	SB		3	V	0756	127	1.5	
	MANI	27	0754E	0756	0800	N22	W06	3706	04	26.9	60	SN		1	V		105	1.2	F
	CATA	27	0755E	0755	0800	N22	W04	3706	04	27.0	50	S		2	P	0755	56	.6	
0421		27	0920*	0939*	1011	N22	W07	3706	04	26.8	51	SB					78	.8	K
	HTPR	27	0920	0939	1011	N22	W06	3706	04	26.9	51	SB			C	0943	60	.6	K
	ATHN	27	1001	1005	1017D	N22	W08	3706	04	26.8	160	SB		3	V	1005	95	1.1	
0422		27	10092	1014	1024	N10	W30	3707	04	25.2	15	SN	C 1.2				86	1.0	E
	HTPR	27	1009	1014	1024	N10	W31	3707	04	25.1	15	SF			C	1014	30	.3	E
	ATHN	27	1011	1014	1017D	N10	W30	3707	04	25.2	60	SB	C 1.2	3	V	1014	143	1.8	
0423	HTPR	27	1021	1023	1025	S06	W75	3709	04	21.8	4	SF			C	1023	20		
0424		27	1025	10271	1030	N22	W06	3706	04	27.0	5	SB					130	.8	E
	MONT	27	1025	1027	1030	N21	W05	3706	04	27.0	5	SN			C	1027	180		
	HTPR	27	1025	1028	1030	N22	W06	3706	04	27.0	5	SB			C	1028	80	.8	E
0425		27	1114*	1115*	1232	S19	E66	3714	05	2.5	78	SF					50	.9	K
	RAMY	27	1114	1115	1115D	S20	E66	3714	05	2.5	10	SF		3	C		16		K
	RAMY	27	1114	1229	1229D	S20	E66	3714	05	2.5	75D	SF		3	C		93		K
	HTPR	27	1229	1230	1232	S17	E65	3714	05	2.4	3	SF			C	1230	40	.9	
0426		27	12171	1218	1229	N11	W32	3707	04	25.1	12	SF	C 1.2				47	.3	E
	HTPR	27	1217	1218	1223	N10	W32	3707	04	25.1	6	SF			C	1218	30	.3	E
	KANZ	27	1218E		1218D	N11	W32	3707	04	25.1	60	SN		2					
	RAMY	27	1218	1218	1235	N11	W31	3707	04	25.2	17	SF	C 1.2	3	C		64		
0427	HTPR	27	1311	1314	1322	N10	W33	3707	04	25.1	11	SF			C	1314	30	.4	E
0428	HTPR	27	1541	1545	1548	S17	E63	3714	05	2.4	7	SF			C	1545	30	.6	E
0429		27	15531	1557	1620	N20	W36	3703	04	24.9	27	SN	C 1.2				76	1.0	
	RAMY	27	1553	1557	1616	N20	W36	3703	04	24.9	23	SN	C 1.2	3	C		72		
	BIGB	27	1554	1557	1623	N20	W36	3703	04	24.9	29	SN		3	C	1557	80	1.0	
0430		27	16211	1623	1637	S18	E64	3714	05	2.5	16	SN	C 1.3				49	.4	
	HTPR	27	1621	1623	1626	S17	E62	3714	05	2.4	5	SF			C	1623	20	.4	
	RAMY	27	1622	1623	1640	S19	E65	3714	05	2.6	18	SN	C 1.3	3	C		26		
	BIGB	27	1622	1623	1646	S19	E65	3714	05	2.6	24	1N		3	C	1623	100		
		27	1849		1902	No Flare Patrol													
		27	1921		2045	No Flare Patrol													
0431	CULG	27	2203	2205	2214	N10	W37	3707	04	25.1	11	SN			C	2205	70	.8	J
0432	HOLL	27	2321	2321	2333	S18	E60	3714	05	2.5	12	SF		3	C		23		
0433	CULG	28	0123	0127	0134	N05	W41	3701	04	25.0	11	SF			C	0127	20	.3	
0434		28	01356	01412	0151	S16	E60	3714	05	2.6	16	SN	C 1.4				61	1.2	EFJT
	PALE	28	0135	0142	0152	S17	E60	3714	05	2.6	17	SF	C 1.4	2	C		64		
	CULG	28	0136	0141	0152	S16	E59	3714	05	2.5	16	SN			C	0141	50	1.0	EJT
	LEAR	28	0139	0141	0151	S16	E63	3714	05	2.8	12	SN		3	C		62		F
	PEKG	28	0141	0143	0150	S13	E59	3714	05	2.5	9	SN			P	0143	67	1.4	E
0435		28	01582	02001	0206	S18	E59	3714	05	2.6	8	SN					40		F
	PALE	28	0158	0200	0207	S17	E59	3714	05	2.6	9	SF		2	C		39		
	LEAR	28	0200	0201	0206	S19	E59	3714	05	2.6	6	SN		3	C		40		F
0436	ABST	28	0400	0402	0405	N14	W40	3702	04	25.1	5	SF			C	0402	87	1.3	DJ

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
						Region										Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0437	ABST	28	0400	0402	0410	S17	E60	3714	05	2.7	10	1F			C	0402	131	2.7	DJ
0438	ABST	28	0402	0410	0419D	N24	W19	3706	04	26.7	17D	SF			P	0410	87	1.1	DJ
0439		28	0427	04283	0440	N08	W46	3713	04	24.7	13	SN					54	1.4	DJ
	LEAR	28	0427	0428	0437	N07	W46	3713	04	24.7	10	SF		3	C		21		
	ABST	28	0429E	0431	0443	N08	W46	3713	04	24.7	14D	SN			P	0431	87	1.4	DJ
0440	CULG	28	0510	0512	0525	S16	E56	3714	05	2.5	15	SF			C	0512	50	.9	JT
0441		28	0534	05364	0559	N10	W43	3707	04	25.0	25	SN					58	.8	DJ
	ABST	28	0534	0536	0600	N11	W43	3707	04	25.0	26	SN			C	0536	87	1.3	DJ
	CULG	28	0534	0540	0558	N10	W43	3707	04	25.0	24	SF			C	0540	30	.4	J
0442	CULG	28	0630	0633	0644	N14	W43	3702	04	25.0	14	SF			C	0633	20	.3	
0443	LEAR	28	0705	0706	0716	S12	W59	3699	04	23.8	11	SF		3	C		22		
0444	PEKG	28	0740	0747	0758	S18	E57	3714	05	2.6	18	SF			C	0747	21	.4	E
0445		28	07541	07562	0802	N09	W48	3707	04	24.7	8	SN					42	1.0	E
	LEAR	28	0754	0758	0803	N08	W48	3707	04	24.7	9	SN		3	C		21		
	ISTA	28	0755		0802	N09	W48	3707	04	24.7	7	SF							E
	PEKG	28	0755	0756	0756D	N11	W47	3707	04	24.8	1D	SN			P	0756	63	1.0	E
0446	PEKG	28	0807	0821	0821D	S03	W90	3709	04	21.6	14D	SN			P	0821	84		D
0447		28	14012	1405	1408	S17	E54	3714	05	2.7	7	SN					29	.5	
	HTPR	28	1401	1405	1408	S16	E54	3714	05	2.7	7	SN			C	1405	30	.5	
	HOLL	28	1403	1405	1409	S18	E54	3714	05	2.7	6	SF		3	C		28		
0448	HOLL	28	1449	1455	1502	N19	W41	3703	04	25.5	13	SF		3	C		35		
0449		28	1517	15241	1539	S16	E53	3714	05	2.6	22	SN					92	.8	
	HOLL	28	1517	1524	1541	S17	E53	3714	05	2.7	24	SF		3	C		135		
	HTPR	28	1517	1525	1537	S16	E53	3714	05	2.6	20	SN			C	1525	50	.8	
0450	HOLL	28	1544	1545	1554	S18	E53	3714	05	2.7	10	SF		3	C		24		
0451		28	1604	16442	1710	S16	E52	3714	05	2.6	66	SN					80	.7	
	HTPR	28	1604	1644	1720	S16	E53	3714	05	2.7	76	SB			C	1644	40	.7	
	HOLL	28	1644E	1646	1659	S16	E51	3714	05	2.6	15D	SF		3	C		120		
0452	HOLL	28	1730	1745	1757	S18	E52	3714	05	2.7	27	SF		3	C		28		
0453		28	1816*	1825*	1849	S18	E52	3714	05	2.7	33	SF	C 2.0				81	1.7	F
	HOLL	28	1816	1825	1847	S18	E52	3714	05	2.7	31	SF	C 2.0	3	C		90		F
	BIGB	28	1816	1825	1852	S18	E52	3714	05	2.7	36	SN		3	C	1825	100	1.7	
	PALE	28	1837	1839	1848	S17	E52	3714	05	2.7	11	SF		3	C		53		
0454	PALE	28	1851	1853	1901	S15	E51	3714	05	2.6	10	SF		3	C		26		
0455		28	21052	21075	2129	N18	W53	3703	04	24.8	24	1N	C 4.9				164	2.2	EFK
	CULG	28	2105	2106U	2123	N17	W52	3703	04	24.9	18	SN			P	2106	60	1.1	EK
	HOLL	28	2105	2107	2133	N20	W53	3703	04	24.8	28	1B		3	C		199		F
	PALE	28	2105	2112U	2131	N18	W54	3703	04	24.8	26	1N	C 4.9	3	C		206		
	BIGB	28	2107	2112	2129	N18	W54	3703	04	24.8	22	1N		3	C	2112	190	3.3	
0456		28	2144	21442	2153	N20	W48	3703	04	25.2	9	SN					50	.6	
	CULG	28	2144	2144	2150	N19	W48	3703	04	25.2	6	SF			C	2144	40	.6	
	PALE	28	2144	2146	2156	N20	W48	3703	04	25.2	12	SN		3	C		60		
0457	CULG	28	2203	2214	2228	N07	W55	3701	04	24.8	25	SF			C	2214	60	1.1	J
0458	PALE	29	0200	0203	0204	S16	E42	3714	05	2.3	4	SF		3	C		23		
0459	LEAR	29	0222	0224	0307	N11	W52	3707	04	25.2	45	SF	C 2.2	3	C		72		
0460		29	02223	0224*	0317	N18	W55	3703	04	24.9	55	SN	C 1.5				86		FK
	LEAR	29	0222	0224	0328	N20	W55	3703	04	24.9	66	SF		3	C		71		K
	LEAR	29	0222	0241	0328	N20	W55	3703	04	24.9	66	SN	C 1.5	3	C		123		FK
	PALE	29	0225	0239	0256	N15	W54	3703	04	25.0	31	SN		3	C		63		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0461		29	0424	04284	0454	N24	W32	3706	04	26.7	30	1N					138	2.5	EFJ
	ABST	29	0424	0428	0449	N25	W35	3706	04	26.5	25	1N			C	0428	175	2.5	EJ
	LEAR	29	0424	0432	0500	N22	W30	3706	04	26.9	36	SF		3	C		102		F
0462	LEAR	29	0527	0528	0535	N19	W56	3703	04	24.9	8	SF		3	C		21		
0463	ABST	29	0542	0543	0548	S17	E46	3714	05	2.7	6	SF			C	0543	87	1.3	DV
0464	HTPR	29	1000	1004	1010	N24	W36	3706	04	26.6	10	SF			C	1004	30	.4	E
		29	1054		1059	No Flare Patrol													
0465		29	1109	11205	1150	N16	W60	3703	04	24.9	41	2B					314	6.1	EI
	HTPR	29	1109	1120	1150	N15	W57	3703	04	25.1	41	2N			C	1120	500	9.0	EI
	ATHN	29	1123E	1125	1147D	N17	W63	3703	04	24.7	24D	1B		1	V	1125	127	3.2	
0466	HTPR	29	1220	1222	1230	S13	W70	3699	04	24.2	10	SF			C	1222	50		E
0467	HTPR	29	1234	1237	1243	S16	E41	3714	05	2.6	9	SF			C	1237	60	.8	E
0468	HTPR	29	1502	1508	1516	N23	W39	3706	04	26.6	14	SF			C	1508	20	.3	
0469	RAMY	29	1713	1717	1719	S19	E37	3714	05	2.5	6	SF		3	C		26		
0470	RAMY	29	1744	1757	1759	N22	W41	3706	04	26.6	15	SF		3	C		29		
0471	RAMY	29	1854	1857	1902	S12	W51	3715	04	25.9	8	SF		3	C		22		
0472	RAMY	29	1855	1858	1905	S18	E37	3714	05	2.6	10	SF		3	C		21		
0473	RAMY	29	1915	1919	2000D	N10	W68	3707	04	24.7	45D	1N C 2.8		3	C		135		F
		29	2001		2116	No Flare Patrol													
0474		29	2315	23189	2348	N24	W45	3706	04	26.5	33	SN C 2.0					74	1.6	FJK
	VORO	29	2315	2318	2339	N24	W46	3706	04	26.4	24	SN			C	2318	99	1.6	JK
	LEAR	29	2321E	2327	2358	N25	W44	3706	04	26.6	37D	SN C 2.0		3	C		48		F
0475	LEAR	30	0027	0030	0041	N19	W68	3703	04	24.8	14	SN		3	C		72		
0476	LEAR	30	0323	0325	0338	S20	E32	3714	05	2.6	15	SN		3	C		25		
0477	LEAR	30	0336	0339	0343	N24	W46	3706	04	26.6	7	SF		3	C		39		F
		30	0413		0414	No Flare Patrol													
		30	0417		0420	No Flare Patrol													
0478	LEAR	30	0429	0429	0437	S18	E32	3714	05	2.6	8	SN C 1.0		3	C		19		
0479		30	0610	06141	0631	S20	E30	3714	05	2.5	21	SN C 1.3					53	.5	
	LEAR	30	0610	0615	0631	S20	E30	3714	05	2.5	21	SN C 1.3		3	C		66		
	MANI	30	0612E	0614	0628D	S20	E30	3714	05	2.5	16D	SF		1	V		40	.5	
0480	ISTA	30	0733		0740	S18	E27	3714	05	2.4	7	SF							D
0481	LEAR	30	0743	0743	0750	N24	W49	3706	04	26.5	7	SF		3	C		26		
0482		30	0746*	0757*	0834	S19	E28	3714	05	2.5	48	SB C 3.6					160	2.3	EFK
	CATA	30	0745E	0805	0825	S19	E28	3714	05	2.4	40D	1		2	P	0805	281	3.4	
	ISTA	30	0746		0836	S18	E27	3714	05	2.4	50	1B				0758			F
	LEAR	30	0754	0757	0845	S20	E29	3714	05	2.5	51	SB C 3.6		3	C		176		FEK
	LEAR	30	0754	0829	0845	S20	E29	3714	05	2.5	51	SN		3	C		36		K
	HTPR	30	0755	0757	0825	S18	E27	3714	05	2.4	30	SB			C	0757	150	1.6	E
	ATHN	30	0757	0759	0826	S17	E28	3714	05	2.4	29	SB		2	V	0759	159	1.9	
0483	HTPR	30	1030	1034	1039	S18	E26	3714	05	2.4	9	SN			C	1034	60	.7	E
0484	HTPR	30	1335	1349	1400	S18	E25	3714	05	2.5	25	SF			C	1349	30	.3	E
0485	RAMY	30	1425	1428	1452	S13	W63	3715	04	25.8	27	SF		3	C		20		

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Apr 82

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APRIL 1982

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	(Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0486	RAMY	30	1426	1431	1437	S18	E24	3714	05	2.4	11	SF		3	C		41		
0487	RAMY	30	1535	1538	1549	N16	W76	3703	04	24.9	14	SN		3	C				
0488	RAMY	30	1549	1549	1603	S18	E23	3714	05	2.4	14	SF		3	C		25		
0489	PALE	30	1906	1907	1924	S18	E21	3714	05	2.4	18	SF	C 1.2	2	C		36		F
		30	2057		2108	No Flare Patrol													
0490	CULG	30	2247	2250	2304	S17	E18	3714	05	2.3	17	SN			C	2250	150	1.6	

"Remarks":

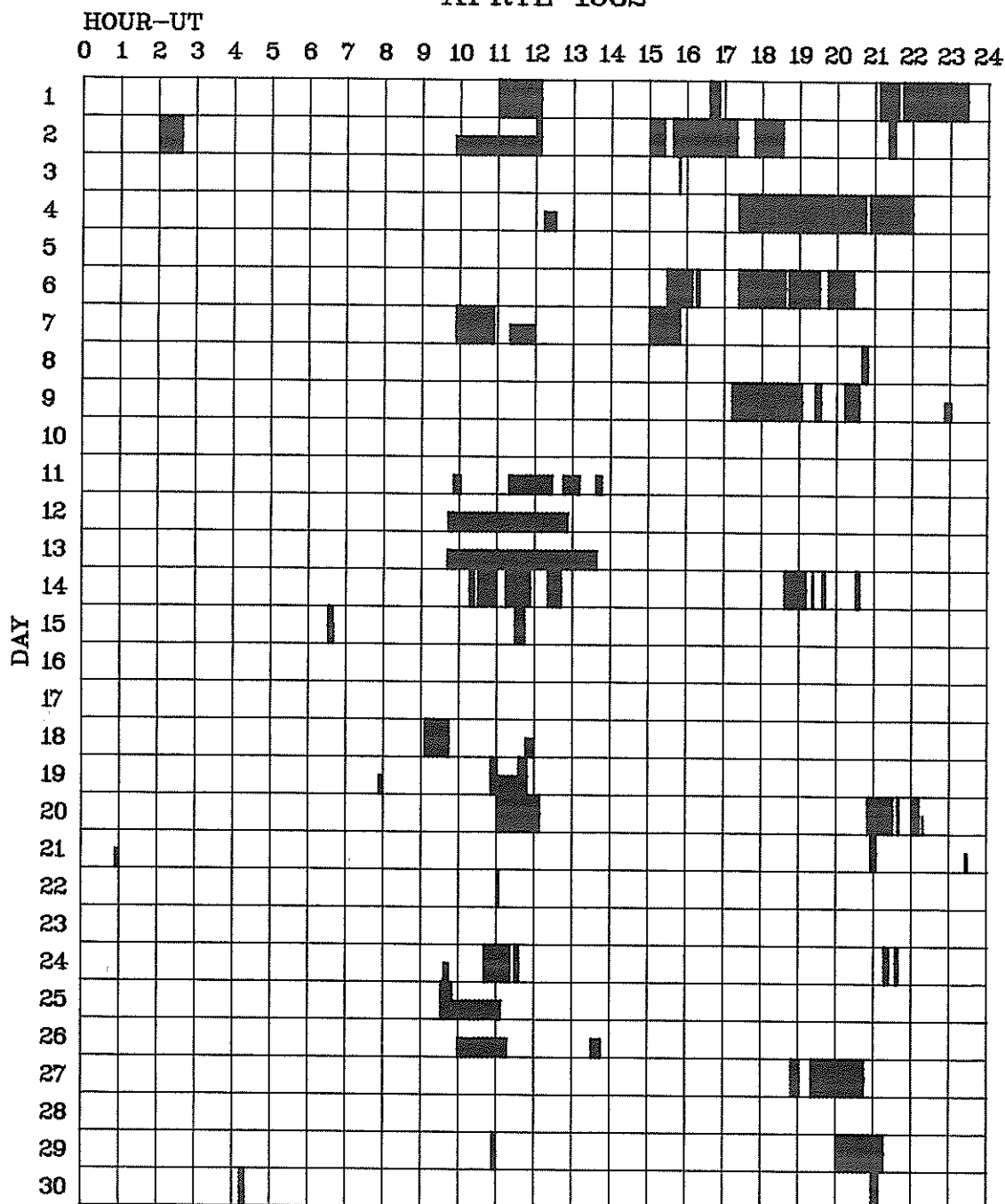
A = Eruptive prominence whose base is less than 90° from central meridian.
B = Probably the end of a more important flare.
C = Invisible 10 minutes before.
D = Brilliant point.
E = Two or more brilliant points.
F = Several eruptive centers.
G = No visible spots in the neighborhood.
H = Flare accompanied by high-speed dark filament.
I = Active region very extended.
J = Distinct variations of plage intensity before or after the flare.
K = Several intensity maxima.
L = Existing filaments show signs of sudden activity.
M = White-light flare.
N = Continuous spectrum shows effects of polarization.

O = Observations have been made in the H and K lines of Ca II.
P = Flare shows helium D3 in emission.
Q = Flare shows Balmer continuum in emission.
R = Marked asymmetry in H-alpha line suggests ejection of high-velocity material.
S = Brightness follows disappearance of filament in same position.
T = Region active all day.
U = Two bright branches, parallel or converging.
V = Occurrence of an explosive phase: important, expansion within roughly 1 minute that often includes a significant intensity increase.
W = Great increase in area after time of maximum intensity.
X = Unusually wide H-alpha line.
Y = System of loop-type prominences.
Z = Major sunspot umbra covered by flare.

INTERVALS OF NO FLARE PATROL OBSERVATION FOR PRECEDING SOLAR FLARE TABLE

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Apr 82

APRIL 1982



Times of no flare patrol, shown here as shaded areas, combine reports from the observatories listed below. Portions of a panel completely shaded mark dates and times of no patrol of any kind, that is, of neither visual nor cinematographic; portions of a panel with only the bottom half shaded mark times of strictly visual patrol.

Abastumani
Athens
Big Bear
Bucharest
Catania

Culgoora
Georgiana
Haute Provence
Holloman
Istanbul

Kanzelhoehe
Kharkov
Learmonth
Lvov
Manila

Mitaka
Monte Mario
Palehua
Peking
Purple Mt.

Ramey
Tashkent
Voroshilov
Wendelstein
Yunnan

84
May 82

H - ALPHA SOLAR FLARES

MAY 1982

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0001	CULG	01	0426	0428	0435	S16	W70	3715	04	26.0	9	SB			C	0428	40		
0002	ABST	01	0714	0715	0728	N18	W80	3703	04	25.3	14	1N			C	0715	131		EV
0003	ABST	01	0739	0745	0750	N24	W66	3706	04	26.3	11	1F			C	0745	87		DJ
0004	ATHN	01	0928	0929	0937	S15	W25	3716	04	29.6	9	SB		4	V	0929	111	1.2	
		01	1143		1147			No Flare Patrol											
		01	1401		1431			No Flare Patrol											
0005	KANZ	01	1658	1703	1710D	S15	W85	3715	04	25.4	12D	SN			1				
		01	1711		1832			No Flare Patrol											
0006	BIGB	01	2036	2042	2055	S17	E08	3714	05	2.5	19	SF		3	C	2041	60	.6	
0007		01	21452	21471	2152	S18	E07	3714	05	2.4	7	SF	C 1.3				70	.9	F
	CULG	01	2145	2147	2152	S17	E07	3714	05	2.4	7	SF			C	2147	90	.9	
	HOLL	01	2147	2148	2154D	S18	E07	3714	05	2.4	7D	SF	C 1.3	3	C		51		F
0008		01	22203	22232	2231	S17	E07	3714	05	2.5	11	SF	C 2.0				53	.6	F
	CULG	01	2220	2223	2227	S17	E08	3714	05	2.5	7	SF			C	2223	60	.6	
	BIGB	01	2222	2223	2229	S17	E07	3714	05	2.5	7	SF		3	C	2223	60	.6	
	PALE	01	2223	2225	2236	S17	E07	3714	05	2.5	13	SF	C 2.0	2	C		40		F
0009		01	23001	2301*	2342	S17	E06	3714	05	2.4	42	SN	C 4.6				102	1.3	FK
	CULG	01	2300	2308	2346	S17	E06	3714	05	2.4	46	SB			C	2308	140	1.4	F
	PALE	01	2301	2301	2325	S17	E06	3714	05	2.4	24	SF	C 4.6	2	C		28		K
	BIGB	01	2301	2310	2414	S17	E06	3714	05	2.4	73	SN		3	C	2310	120	1.2	
	PALE	01	2301	2311	2325	S17	E06	3714	05	2.4	24	SN	C 4.6	2	C		119		FK
0010	YUNN	02	0058	0105	0117	S21	E09	3714	05	2.7	19	SF			C		47	.5	
0011		02	0138	01411	0200	S19	E06	3714	05	2.5	22	SF					56	.9	F
	LEAR	02	0138	0142	0203	S18	E07	3714	05	2.6	25	SF		3	C		40		F
	PEKG	02	0141E	0141	0156	S20	E04	3714	05	2.4	15D	SF			P	0141	71	.9	
0012	LEAR	02	0332	0332	0337	S14	W85	3715	04	25.8	5	SF		3	C				
0013	YUNN	02	0409E	0409	0421	S17	E06	3714	05	2.6	12D	SN			C		31	.3	D
0014		02	0805E	08082	0816	S10	E73	3717	05	7.8	11D	SN					52		E
	YUNN	02	0805E	0808	0813	S09	E74	3717	05	7.9	8D	SN			P		47		E
	CATA	02	0810E	0810	0820	S10	E72	3717	05	7.7	10D	S		2	P	0810	56		
0015	KANZ	02	0857	0857	0905	S17	E04	3714	05	2.7	8	SF		3					
0016	KANZ	02	0937	0937	0953	S17	W06	3714	05	1.9	16	SN		3					
		02	0954		1004			No Flare Patrol											
0017	KANZ	02	1237E	1237	1247	S08	E71	3717	05	7.8	10D	SN		2					
		02	1401		1418			No Flare Patrol											
		02	1429		1513			No Flare Patrol											
0018		02	1514E	15242	1558D	S06	E68	3717	05	7.7	44D	1B	M 2.4				210		
	HOLL	02	1514E	1524	1524D	S08	E69	3717	05	7.8	10D	1B	M 2.4	3	C		210		
	KANZ	02	1519E	1526	1558D	S04	E67	3717	05	7.6	39D	SB		2					
0019	HOLL	02	1543	1549	1604	S18	W01	3714	05	2.6	21	SN		3	C		36		
		02	1614		1620			No Flare Patrol											
		02	1627		1642			No Flare Patrol											
		02	1656		1714			No Flare Patrol											
0020	HOLL	02	1715E	1716U	1719	S10	E65	3717	05	7.6	4D	SF		3	C		35		
0021	HOLL	02	1721	1724	1728	S17	W02	3714	05	2.6	7	SN		3	C		24		F

H - ALPHA SOLAR FLARES

85
May 82

MAY 1982

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	Mo	Day	Dur (Min)	Imp Opt Xray	Obs See Type	Time (UT)	Area Apparent (10 ⁻⁶ Disk)	Measurement Corr (Sq Deg)	Remarks
0022	PALE	02	1813	1816	1817	S18	W02	3714	05	2.6	4	SF	3 C		46		
0023	BIGB	02	2158	2202	2215	S18	W02	3714	05	2.8	17	SF	3 C	2202	80	.8	
0024	CULG	03	0000	0002	0008	S16	W05	3714	05	2.6	8	SF	C	0002	100	1.0	F
0025		03	0000	0005	0023	S06	E52	3717	05	6.9	23	SB			128	1.8	EF
	BIGB	03	0000	0005	0013D	S06	E52	3717	05	6.9	13D	SB	3 P	0005	110	1.8	
	LEAR	03	0005E	0005	0023	S06	E52	3717	05	6.9	18D	SB	3 C		147		FE
0026	LEAR	03	0344	0344	0350	S05	E64	3717	05	7.9	6	SF	3 C		22		
0027	ABST	03	0421	0422	0425	N21	W17		05	1.9	4	SN	C	0422	174	1.9	EV
0028	ABST	03	0434	0437	0440D	S24	E90	3719	05	10.1	6D	1N	P	0434	87		ADK
0029		03	0615*	0617*	0733	S21	E87	3719	05	9.9	78	1N			100		ADK
	ABST	03	0615	0617	0626	S24	E90	3719	05	10.2	11	1N	C	0617	87		ADK
	KANZ	03	0622	0622	0630D	S19	E84	3719	05	9.7	8D	SN	2				
	KANZ	03	0649		0854	S19	E84	3719	05	9.7	125	SN	2				K
	CATA	03	0655	0655	0720	S23	E90	3719	05	10.2	25	1	2 C	0655	112		
0030	CATA	03	0715	0715	0725	S17	W10	3714	05	2.5	10	S	2 C	0715	56	.6	
0031		03	07543	08022	0812	S17	W09	3714	05	2.6	18	SN			47	.5	F
	KANZ	03	0754	0802	0814	S17	W09	3714	05	2.6	20	SN	3				
	LEAR	03	0754	0803	0807	S18	W10	3714	05	2.6	13	SN	3 C		47		F
	BUCA	03	0755		0814	S16	W08	3714	05	2.7	19	SN	P	0803	64	.7	
	WEND	03	0757	0804	0812	S18	W09	3714	05	2.6	15	SF	C	0804	31	.3	
0032		03	11114	11154	1129	S18	W14	3714	05	2.4	18	SN			74	.8	
	KANZ	03	1111	1116	1131D	S18	W12	3714	05	2.5	20D	SN	2				
	WEND	03	1111	1119	1129	S18	W13	3714	05	2.5	18	SF	C	1119	94	1.0	
	CATA	03	1115	1115	1125D	S17	W12	3714	05	2.5	10D	S	2 P	1115	84	.9	
	CATA	03	1115	1115	1125D	S18	W17	3714	05	2.2	10D	S	2 P	1115	45	.5	
0033	WEND	03	1207	1209	1220	S05	E60	3717	05	8.0	13	SN	C	1209	44	.9	
0034	WEND	03	1357	1407	1415	S22	E81	3724	05	9.8	18	SN	C	1407	44		
0035		03	1406*	1432*	1452	S06	E58	3717	05	7.9	46	SF			36		
	RAMY	03	1406	1432	1454	S06	E58	3717	05	7.9	48	SF	3 C		56		
	HOLL	03	1441	1442	1449	S07	E58	3717	05	7.9	8	SF	3 C		15		
0036		03	1427	14271	1432	S18	W15	3714	05	2.4	5	SF			38	.3	
	RAMY	03	1427	1427	1433	S18	W16	3714	05	2.4	6	SF	3 C		44		
	WEND	03	1427	1428	1432	S17	W14	3714	05	2.5	5	SF	C	1428	31	.3	
0037		03	14571	1501	1543	S18	W18	3714	05	2.2	46	SN			40	.4	F
	WEND	03	1457	1501	1520D	S18	W17	3714	05	2.3	23D	SN	C	1501	38	.4	
	HOLL	03	1458	1501	1543	S18	W19	3714	05	2.2	45	SF	3 C		43		F
0038	HOLL	03	1501	1524	1527	S22	E85	3719	05	10.1	26	SF	3 C				
0039		03	15522	1555	1558	S06	E58	3717	05	8.0	6	SF			27	.5	
	WEND	03	1552	1555	1558	S05	E60	3717	05	8.1	6	SF	C	1555	25	.5	
	HOLL	03	1554	1555	1559	S07	E57	3717	05	7.9	5	SF	3 C		29		
0040	RAMY	03	1603	1603	1609	S18	W17	3714	05	2.4	6	SF	3 C		39		
0041		03	16151	16222	1648	S06	E58	3717	05	8.0	33	SN			68	1.3	F
	WEND	03	1615	1622	1638	S05	E60	3717	05	8.2	23	SN	C	1622	63	1.3	
	HOLL	03	1616	1624	1659	S06	E57	3717	05	7.9	43	SN	3 C		72		F
0042	HOLL	03	1620	1624	1631	S22	E84	3719	05	10.1	11	SF	3 C				
0043	RAMY	03	1621	1622	1629	S21	E74	3724	05	9.3	8	SF	3 C		20		
0044	HOLL	03	1728	1729	1737	S22	E87	3719	05	10.4	9	SF	3 C				
0045		03	1831*	18423	1856	S21	E81	3719	05	10.0	25	SF					
	HOLL	03	1831	1845	1853	S22	E79	3719	05	9.8	22	SF	3 C				
	RAMY	03	1840	1842	1859	S21	E82	3719	05	10.1	19	SF	3 C				
	PALE	03	1842	1842	1856	S20	E81	3719	05	10.0	14	SF	3 C				

H - ALPHA SOLAR FLARES

MAY 1982

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0046		03	18583	19021	1930	S06	E53	3717	05	7.7	32	SB					97	2.1	EF
	PALE	03	1858	1902	1926	S04	E54	3717	05	7.8	28	SB		3	C		103		F
	RAMY	03	1900	1902	1932	S07	E49	3717	05	7.5	32	SB		3	C		76		
	BIGB	03	1900	1903	1937	S07	E54	3717	05	7.8	37	1B		3	C	1900	120	2.1	
	HOLL	03	1901	1903	1925	S07	E56	3717	05	8.0	24	SB		3	C		90		FE
0047	PALE	03	1959	2001	2008	S20	E80	3719	05	9.9	9	SF		3	C				
0048		03	2032	2034*	2058	S07	E56	3717	05	8.0	26	SN					78	1.7	K
	HOLL	03	2032	2034	2057	S07	E56	3717	05	8.0	25	SN		3	C		70		K
	BIGB	03	2032	2035	2100	S07	E56	3717	05	8.0	28	SN		3	C	2035	90	1.7	
	HOLL	03	2032	2046	2057	S07	E56	3717	05	8.0	25	SN		3	C		73		K
0049		03	2144	2149	2204	S08	E53	3717	05	7.9	20	SF					50	1.2	
	BIGB	03	2144	2149	2204	S08	E53	3717	05	7.9	20	SF		3	C	2149	70	1.2	
	HOLL	03	2144	2149	2204	S08	E53	3717	05	7.9	20	SF		3	C		31		
0050	BIGB	03	2322	2326	2338	S07	E51	3717	05	7.8	16	SN		3	C	2326	80	1.3	
0051		03	2335*	2337*	2402	S22	E77	3719	05	9.9	27	SN					130		
	CULG	03	2335	2337	2355U	S19	E78	3719	05	9.9	20U	1F			P	2337	160		
	BIGB	03	2335	2338	2338D	S23	E79	3719	05	10.1	3D	1N		3	P	2338	100		
	HOLL	03	2336	2349	2421	S23	E79	3719	05	10.1	45	SN		3	C				
	LEAR	03	2337	2340	2343	S23	E76	3719	05	9.8	6	SF		3	C				
	LEAR	03	2347	2348	2348D	S21	E76	3719	05	9.8	1D	SN		3	C				
0052		04	00023	00051	0016	S05	E52	3717	05	7.9	14	SN					93	1.6	E
	CULG	04	0002	0005U	0012U	S02	E52	3717	05	7.9	10U	1B			P	0005	140	2.2	
	HOLL	04	0003	0005	0018	S07	E53	3717	05	8.0	15	SN		3	C		76		
	PEKG	04	0005	0006	0015	S05	E52	3717	05	7.9	10	SN			P	0006	63	1.1	E
0053	PEKG	04	0007	0008	0011	S23	E80	3719	05	10.2	4	SN			P	0008	34		D
0054		04	02367	02576	0337	S05	E49	3717	05	7.8	61	1B					333	7.7	EF
	MITK	04	0236	0303	0325	S05	E50	3717	05	7.8	49	SN			C	0303			E
	LEAR	04	0243	0257	0339	S07	E49	3717	05	7.8	56	SB		3	C		116		FE
	CULG	04	0251E	0303U	0346	S04	E48	3717	05	7.7	55D	2B			P	0303	550	7.7	
0055		04	0413	04136	0428	S22	E73	3724	05	9.8	15	1N					141		F
	LEAR	04	0413	0413	0427	S22	E74	3724	05	9.9	14	SF		3	C				F
	PURP	04	0413	0419	0430	S23	E72	3724	05	9.7	17	1N			C	0419	141		
0056		04	08228	08332	0838	S22	E74	3719	05	10.0	16	SN					28		
	KANZ	04	0822	0834	0838	S20	E74	3719	05	10.0	16	SF		2					
	LEAR	04	0829	0833	0838	S22	E74	3719	05	10.0	9	SN		3	C				
	CATA	04	0830	0835	0835D	S23	E75	3719	05	10.1	5D	S		2	P	0835	28		
0057		04	09011	09032	0910	N15	W64	3712	04	29.6	9	SN					19		G
	KANZ	04	0901	0905	0913	N14	W63	3712	04	29.7	12	SN		1					G
	LEAR	04	0902	0903	0908	N16	W64	3712	04	29.6	6	SN		3	C		19		
0058	WEND	04	1056		1124	S22	E69	3724	05	9.7	28	SF			C	1105	31		
0059	LVOV	04	1152	1202	1228	S08	E56	3717A	05	8.7	36	1F			C	1202	250	4.5	E
0060	LVOV	04	1155	1200	1215	S24	E70	3724	05	9.9	20	1F			C	1200	150		D
		04	1415		1552	No Flare Patrol													
		04	1601		1609	No Flare Patrol													
		04	1648		1723	No Flare Patrol													
		04	1731		1817	No Flare Patrol													
		04	1915		1955	No Flare Patrol													
		04	2020		2026	No Flare Patrol													
		04	2041		2117	No Flare Patrol													
		04	2122		2237	No Flare Patrol													
0061		05	00551	00561	0108	S05	E38	3717	05	7.9	13	SN					37	.7	FJ
	CULG	05	0055	0057	0108	S04	E38	3717	05	7.9	13	SF			C	0057	50	.7	J
	LEAR	05	0056	0056	0107	S06	E37	3717	05	7.8	11	SN		3	C		24		F
0062	CULG	05	0102	0105	0119	S19	W41	3714	05	1.9	17	SF			C	0105	30	.4	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Apparent (10 ⁻⁶ Disk)	Measurement Corr (Sq Deg)	Remarks
0063	CULG	05	0209	0214	0218	S02	E37	3717	05	7.8	9	SF			C	0214	40	.5	J
0064	CULG	05	0237	0239	0244	S19	E62	3719	05	9.8	7	SF			C	0239	40	.8	J
0065		05	0352	03542	0418	S06	E37	3717	05	7.9	26	SN					48	.4	DF
	LEAR	05	0352	0356	0418	S06	E37	3717	05	7.9	26	SN		3	C		67		F
	PEKG	05	0354E	0354	0355D	S06	E37	3717	05	7.9	1D	SF			P	0354	29	.4	D
0066	ABST	05	0926E	0929	0940D	N19	E21		05	7.0	14D	SF			P	0929	87	1.0	D
0067	ABST	05	0926E	0929	0940D	S11	E33	3718D	05	7.9	14D	1N			P	0929	174	2.1	E
0068	CATA	05	1015E	1015	1040D	S07	E32	3717	05	7.8	25D	S		2	P	1015	140	1.7	
		05	1401		1444			No Flare Patrol											
		05	1452		1653			No Flare Patrol											
		05	1737		1747			No Flare Patrol											
		05	1759		1844			No Flare Patrol											
		05	1906		1933			No Flare Patrol											
		05	1946		1952			No Flare Patrol											
		05	1956		2058			No Flare Patrol											
0069	PEKG	05	2311E	2319	2332D	S06	E25	3717	05	7.8	21D	SN			P	2319	126	1.4	E
0070		05	2352	2444*	2457	S05	E24	3717	05	7.8	65	SN					164	1.8	E
	PEKG	05	2352	2444	2457	S05	E24	3717	05	7.8	65	SN			C	2444	151	1.7	E
	PEKG	06	0057E	0057	0057D	S05	E23	3717	05	7.7	65D	SF			P	0057	176	2.0	E
0071	CULG	06	0327	0331	0340	S20	E47	3724	05	9.7	13	SF			C	0331	60	.9	J
0072	ABST	06	0414	0418	0425	S05	E20	3717	05	7.7	11	SN			C	0418	174	1.9	EJK
0073		06	05178	0526*	0552	S06	E20	3717	05	7.7	35	1N					234	3.2	EFJT
	TACH	06	0517	0528	0545	S06	E18	3717	05	7.6	28	1B			C	0528	352	3.8	EJ
	CULG	06	0522	0526	0540	S05	E21	3717	05	7.8	18	SN			C	0526	100	1.1	JTF
	LEAR	06	0524E	0524U	0541D	S06	E19	3717	05	7.6	17D	SN		2	C		62		F
	PEKG	06	0525	0537	0610	S06	E20	3717	05	7.7	45	1N			C	0537	421	4.6	F
0074	HTPR	06	0600	0624	0640	S05	E20	3717	05	7.7	40	SF			C	0624	80	.8	E
0075		06	06397	06449	0702	S06	E20	3717	05	7.8	23	1N					164	1.8	EFJ
	ABST	06	0639	0644	0704	S05	E21	3717	05	7.8	25	SN			C	0644	131	1.4	EJ
	PEKG	06	0646	0653	0700	S06	E20	3717	05	7.8	14	1N			C	0653	197	2.2	F
0076	HTPR	06	0723	0725	0730	S05	E20	3717	05	7.8	7	SF			C	0725	60	.6	E
0077	HOLL	06	1658	1659	1718	S07	E13	3717	05	7.7	20	SN		3	C		160		F
0078	HOLL	06	1839	1839	1845	S06	E12	3717	05	7.7	6	SN		3	C		29		F
0079	HOLL	06	1958	1958	2016	S06	E15	3717	05	7.9	18	SF		3	C		22		F
0080	HOLL	06	2134	2137	2147	S06	E11	3717	05	7.7	13	SN		3	C		64		
0081	CULG	06	2255	2257	2309	S16	W52	3714	05	3.0	14	SF			C	2257	50	.9	J
0082	CULG	07	0118	0119	0122	S05	E07	3717	05	7.6	4	SN			C	0119	30	.3	J
0083	PURP	07	0135E	0135	0208	S07	E10	3717	05	7.8	33D	SN			C	0135	85	.9	
0084		07	02043	0211	0226	S18	W64	3714	05	2.2	22	SN					47	1.4	EJ
	CULG	07	0204	0211	0229	S20	W66	3714	05	2.0	25	SF			C	0211	30		J
	YUNN	07	0207	0211	0223	S16	W61	3714	05	2.5	16	SN			C		64	1.4	E
0085		07	0207	02112	0222	S04	E09	3717	05	7.8	15	SN					140	1.4	FJT
	YUNN	07	0207	0211	0223	S04	E09	3717	05	7.8	16	SN			C		129	1.3	F
	CULG	07	0207	0213	0222	S05	E09	3717	05	7.8	15	SN			C	0213	150	1.5	JTF
0086	CULG	07	0209	0213	0225	S15	W54	3714	05	3.0	16	SF			C	0213	40	.7	J
0087	YUNN	07	0251	0255	0307	S15	W54	3714	05	3.0	16	SN			P		32	.6	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/USAF Region	CMP Mo	Dur Day	(Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	(10 ⁻⁶ Disk)	Corr (Sq Deg)	
0088	CULG	07	0329	0332	0341	S15	W55	3714	05	3.0	12	SF			C	0332	30	.5	
0089	CULG	07	0510	0515	0528	S09	E74		05	12.8	18	SN			C	0515	40		
0090	YUNN	07	0717	0722	0730	N12	E41	3724D	05	10.4	13	SN			C		32	.5	
0091		07	09114	0920*	1013	S06	E04	3717	05	7.7	62	SB					193	2.0	EJ
	YUNN	07	0911	0920	0953	S06	E04	3717	05	7.7	42	SN			C		193	2.0	E
	HTPR	07	0915	0928	1032	S07	E06	3717	05	7.8	77	SB			C	0928	150	1.5	E
	HTPR	07	0915	0929	1032	S07	E01	3717	05	7.5	77	SB			C	0929	150	1.5	
	CATA	07	0925E	0928	0955D	S07	E03	3717	05	7.6	30D	1			C	0928	309	3.2	
	ATHN	07	0932E	0942	1003	S06	E07	3717	05	7.9	31D	SB	2		P	0928	95	1.0	
	ABST	07	0941E	0941	1005	S06	E05	3717	05	7.8	24D	1N	4		P	0945	261	2.7	EJ
0092	YUNN	07	0924	0930	0947	S17	E89		05	14.1	23				C				AG
0093	HTPR	07	1130	1138	1144	S11	E71		05	12.8	14	SF			C	1138	30	.7	
0094	CULG	07	2318	2323	2345	S06	W02	3717	05	7.8	27	SN			C	2323	60	.6	JT
0095	CULG	08	0013E	0013U	0022	S16	W65	3714	05	3.1	9D	SF			P	0013	30		
0096	ABST	08	0702	0709	0725	S09	E45	3721	05	11.7	23	SF			C	0709	87	1.3	D
0097	ABST	08	0708	0709	0712	S03	W04	3717	05	8.0	4	SN			C	0709	87	.9	DV
0098	HOLL	08	1559	1559	1612	S03	W12	3717	05	7.8	13	SF		3	C		27		
0099	HOLL	08	1835	1850	1907	S04	W11	3717	05	7.9	32	SF		3	C		22		
0100	CULG	09	0047	0050	0058	N20	E57		05	13.4	11	SF			C	0050	40	.8	GJ
0101		09	01562	01565	0209	S04	W18	3717	05	7.7	13	SF					27	.3	EFJ
	LEAR	09	0156	0156	0212	S04	W19	3717	05	7.7	16	SF		3	C		26		
	CULG	09	0156	0201	0210	S04	W17	3717	05	7.8	14	SN			C	0201	30	.3	EJ
	PALE	09	0158	0201	0206	S04	W17	3717	05	7.8	8	SF		2	C		25		F
0102	ABST	09	0406	0410	0435	S08	E33	3721	05	11.6	29	1F			C	0410	174	2.1	EJK
0103		09	04171	04236	0436	S04	E06	3722	05	9.6	19	SN					58	.6	D
	ABST	09	0417	0429	0435	S04	E06	3722	05	9.6	18	SF			C	0429	87	.9	D
	CULG	09	0418	0423	0436	S05	E06	3722	05	9.6	18	SN			C	0423	30	.3	
0104	ABST	09	0650	0652	0700	S05	W26	3717	05	7.3	10	SN			C	0652	131	1.4	EJ
		09	1211		1302	No Flare Patrol													
0105		09	23242	23263	2400D	S06	W33	3717	05	7.5	36D	SF					50	.7	EFJK
	CULG	09	2324	2326	2400U	S07	W33	3717	05	7.5	36U	SN			C	2326	60	.7	EJK
	LEAR	09	2326	2329	2329D	S06	W33	3717	05	7.5	3D	SF		3	C		58		F
	HOLL	09	2330E	2330U	2349D	S04	W32	3717	05	7.6	19D	SF		3	C		32		F
0106	CULG	09	2358	2403	2417	S45	E06		05	10.5	19	SN			C	2403	40	.5	G
0107		10	05077	05132	0525	N00	W35	3717	05	7.6	18	1N					130	1.6	DEJV
	ABST	10	0507	0513	0525	S02	W35	3717	05	7.6	18	1N			C	0513	174	2.1	EJ
	ABST	10	0514	0515	0525	N02	W35	3717	05	7.6	11	SF			C	0515	87	1.0	DJV
0108		10	05586	0606	0622	N00	W36	3717	05	7.5	24	SN					71	1.0	DK
	LEAR	10	0558	0606	0623	S02	W38	3717	05	7.4	25	SN		3	C		55		
	ABST	10	0604	0606	0620	N02	W33	3717	05	7.8	16	SN			C	0606	87	1.0	DK
0109	ABST	10	0600	0605	0620	S34	E34		05	12.9	20	1N			C	0605	174	2.2	EGJ
0110	HOLL	10	1312E	1312U	1341	S06	W41	3717	05	7.5	29D	SF		3	C		90		F
		10	1611		1623	No Flare Patrol													
0111	HOLL	10	1655	1656	1703	S06	W43	3717	05	7.5	8	SF		3	C		19		FS
		10	2004		2021	No Flare Patrol													

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Apparent (10 ⁻⁶ Disk)	Measurement Corr (Sq Deg)	Remarks
		10	2037		2057			No Flare Patrol											
0112		11	03202	0322	0332	S03	W50	3717	05	7.4	12	SN					48	.9	DFHJZ
	TACH	11	0320	0322	0332	S03	W52	3717	05	7.2	12	SB			C	0322	80	1.3	DZ
	CULG	11	0320	0322	0332	S03	W48	3717	05	7.5	12	SN			C	0322	30	.5	J
	LEAR	11	0321	0322	0329	S02	W50	3717	05	7.4	8	SN		3	C		30		FH
	PALE	11	0322	0322	0333	S03	W50	3717	05	7.4	11	SN		3	C		52		
0113	ABST	11	0553	0606	0621	N01	W52	3717	05	7.4	28	SF			C	0606	87	1.5	D
0114		11	0650*	07118	0724	S01	W51	3717	05	7.5	34	SB					47	.8	EHK
	LEAR	11	0650	0712	0723	S02	W52	3717	05	7.4	33	SB		3	C		41		K
	LEAR	11	0650	0719	0723	S02	W52	3717	05	7.4	33	SB		3	C		51		EK
	ATHN	11	0654E	0714	0725	N02	W49	3717	05	7.6	31D	SB		3	V	0714	80	1.2	
	YUNN	11	0701	0713U	0718D	S02	W53	3717	05	7.3	17D	SN			P	0713	32	.6	E
	WEND	11	0711	0711	0726	S02	W51	3717	05	7.5	15	SN			C	0711	31	.5	H
0115		11	0950	0950	1006	S02	W52	3717	05	7.5	16	SB					55	.9	HZ
	WEND	11	0950	0950	1001	S02	W52	3717	05	7.5	11	SN			C	0950	60	1.0	HZ
	HTPR	11	0950	0950	1010	S02	W53	3717	05	7.4	20	SB			C	0950	50	.8	
0116	HTPR	11	1200	1211	1230	S06	W56	3717	05	7.3	30	SF			C	1211	50	.9	E
0117	KANZ	11	1345	1349	1357	S07	W53	3717	05	7.6	12	SN		2					
0118	HTPR	11	1408	1409	1414	S20	E90	3738	05	18.5	6	SN			C	1409	20		
0119		11	14323	14382	1445	N00	W56	3717	05	7.4	13	SF					80	1.4	
	KANZ	11	1432	1440	1447	S00	W58	3717	05	7.3	15	1N		2					
	WEND	11	1434	1438	1443	S00	W56	3717	05	7.4	9	SF			C	1438	80	1.5	
	HTPR	11	1435	1438	1445	N01	W53	3717	05	7.6	10	SF			C	1438	80	1.3	
0120	KANZ	11	1627	1631	1639	S18	E77	3738	05	17.5	12	SF		3					
0121	CULG	11	2359	2404	2411	S15	E32	3732A	05	14.4	12	SF			C	2404	40	.5	G
0122	LEAR	12	0118	0119	0122	S06	W60	3717	05	7.6	4	SF		3	C		19		
0123	CULG	12	0124	0126	0134	S10	W38	3722	05	9.2	10	SF			C	0126	40	.5	EJ
0124		12	01581	02003	0236	S06	W60	3717	05	7.6	38	1N					147	3.0	EFJTU
	CULG	12	0158	0203	0230	S07	W59	3717	05	7.7	32	1B			C	0203	130	2.5	UJT
	VORO	12	0159		0200D	S06	W62	3717	05	7.4	1D	1N			P	0200	161	3.3	EJ
	LEAR	12	0159	0200	0242	S05	W59	3717	05	7.7	43	SB		3	C		118		UF
	MANI	12	0200E	0202	0217D	S06	W58	3717	05	7.7	17D	1F			V		180	3.3	FU
0125	ABST	12	0406	0409	0453	S06	W40	3722	05	9.2	47	1F			C	0409	175	2.3	EJ
0126	ABST	12	0409	0411	0434	S18	E72	3738	05	17.6	25	1F			C	0411	87		D
0127	YUNN	12	0530E	0532	0548	S07	W40	3722	05	9.2	18D	SN			P		48	.6	E
0128		12	0553*	0602*	0617	S08	W12	3721	05	11.3	24	SN					41	.5	E
	YUNN	12	0553	0602	0605D	S09	W10	3721	05	11.5	12D	SN			P		48	.5	E
	LEAR	12	0603	0612	0617	S08	W13	3721	05	11.3	14	SF		3	C		34		
0129	HTPR	12	0710	0713	0718	S14	E24	3732A	05	14.1	8	SF			C	0713	20	.2	
0130		12	07396	07425	0803	S05	W66	3717	05	7.4	24	SB					108	5.1	
	ATHN	12	0739	0747	0803	S06	W64	3717	05	7.5	24	1B		2	V	0747	255	5.1	
	LEAR	12	0741	0742	0805	S06	W67	3717	05	7.3	24	SN		3	C		42		
	CATA	12	0745	0745	0800	S04	W67	3717	05	7.3	15	S		2	C	0745	28		
0131		12	09181	09203	0941	N04	E01		05	12.5	23	SN					34	.4	EG
	HTPR	12	0918	0923	0941	N04	E01		05	12.5	23	SF			C	0923	20	.2	
	YUNN	12	0919	0920	0921D	N05	E01		05	12.5	2D	SN			P		48	.5	EG
0132	KANZ	12	1355	1402	1406	S09	W47	3722	05	9.0	11	SN		3					
0133	BIGB	12	1519	1521	1551	S06	E27	3732A	05	14.6	32	SF		3	C	1521	70	.8	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	(10 ⁻⁶ Disk)	Apparent (Sq Deg)	
0134	KANZ	12	1542E	1542	1550	N08	E50	3727	05	16.4	8D	SF		2					
0135	KANZ	12	1542E	1542	1554	S15	E23	3732A	05	14.4	12D	SN		2					
0136	KANZ	12	1558	1558	1609D	S09	W72	3717	05	7.3	11D	SN		1					
0137		12	2253	2259	2328	S07	W49	3722	05	9.3	35	SN				2259	122	2.0	F
	BIGB	12	2253	2259	2334	S07	W49	3722	05	9.3	41	SN		3	C		130	2.0	
	PALE	12	2255E	2259U	2321	S07	W49	3722	05	9.3	26D	SN		3	C		115		F
0138	PALE	12	2257E	2300U	2316	S06	W67	3717	05	7.9	19D	SF		3	C		48		
0139	PALE	12	2259E	2301U	2305	S07	E69	3731	05	18.1	6D	SF		3	C		17		
0140	PALE	13	0002E	0002	0014	S06	E68	3731A	05	18.1	12D	SF		3	C		24		
0141	PALE	13	0205	0205	0214	S19	E61	3738	05	17.7	9	SF		3	C		16		
0142	ABST	13	0406	0411	0445	S09	E69	3731A	05	18.3	39	1F			C	0411	87		DJ
0143	ABST	13	0406	0406	0430	S04	W54	3722	05	9.1	24	SF			P	0406	87	1.3	DJ
0144	ABST	13	0413	0420	0515	S21	E60	3738	05	17.8	62	1F			C	0420	131	2.9	EJ
0145	KHAR	13	0758E	0800	0806D	N14	W90		05	6.5	8D	SF			P	0800			DH
0146	HTPR	13	1059	1106	1114	S18	W53	3734	05	9.4	15	SF			C	1106	50	.8	E
0147	HTPR	13	1132	1135	1139	S18	W53	3734	05	9.4	7	SF			C	1135	50	.8	E
			13 1823		1911														
			13 1919		1925	No Flare Patrol													
0148	CULG	14	0145	0148	0154	S20	W59	3734	05	9.6	9	SF			C	0148	50	1.0	G
0149	KHAR	14	0806E	0806	0815D	S20	W44		05	11.0	9D	SF			C	0806			EH
0150	KANZ	14	0924	0924	0928	S03	E50	3731	05	18.1	4	SF		2					
0151		14	1035I	1046I	1056	N16	W28		05	12.3	21	SF					50	.6	G
	KANZ	14	1035	1047	1051D	N16	W27		05	12.4	16D	SF		2				.6	G
	WEND	14	1036	1046	1056	N17	W28		05	12.3	20	SF			C	1046	50		G
0152	KANZ	14	1107E	1107	1111	N02	E28	3727	05	16.5	4D	SN		3					
0153	HTPR	14	1457	1500	1511	N04	E28	3727	05	16.7	14	SF			C	1500	20	.2	
0154	CULG	15	0013	0043	0120	N11	E48	3736	05	18.6	67	SF			C	0043	80	1.2	J
0155		15	11472	1150	1156	S14	E20	3733	05	17.0	9	SF					45	.5	L
	KANZ	15	1147	1150	1158	S14	E19	3733	05	16.9	11	SN		3					L
	HTPR	15	1148	1150	1154	S14	E21	3733	05	17.1	6	SF			C	1150	40	.4	
	WEND	15	1149	1150	1156	S15	E19	3733	05	16.9	7	SF			C	1150	50	.6	
0156		15	1200*	1220*	1256	S14	E22	3733	05	17.2	56	SF					60	.7	L
	HTPR	15	1200	1220	1300	S14	E26	3733	05	17.5	60	SF			C	1220	60	.7	
	KANZ	15	1233	1239	1251	S14	E19	3733	05	16.9	18	SF		3					L
0157	KANZ	15	1237	1237	1243	N03	E16	3727	05	16.7	6	SF		3					
0158		15	13083	1310I	1318	S14	E20	3733	05	17.0	10	SN					30	.3	L
	HTPR	15	1308	1310	1318	S14	E20	3733	05	17.0	10	SN			C	1310	30	.3	
	KANZ	15	1311	1311	1319	S14	E19	3733	05	17.0	8	SN		3					L
0159		16	0049	0054	0100	N04	E05	3727	05	16.4	11	SN					40	.5	EJ
	LEAR	16	0049	0054	0058	N06	E05	3727	05	16.4	9	SF		3	C		30		
	CULG	16	0049	0054	0101	N02	E05	3727	05	16.4	12	SN			C	0054	50	.5	EJ
0160		16	0432	0432I	0442	N14	W76	3720	05	10.4	10	SF					34		D
	LEAR	16	0432	0432	0438	N14	W76	3720	05	10.4	6	SF		3	C				
	PEKG	16	0433E	0433	0445	N15	W75	3720	05	10.5	12D	SF			P	0433	34		D

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Apparent (10 ⁻⁶ Disk)	Measurement Corr (Sq Deg)	Remarks
0161	CULG	16	0537	0541	0546	N02	E03	3727	05	16.4	9	SF			C	0541	40	.4	J
0162		16	07531	07541	0759	N01	E03	3727	05	16.5	6	SN					48	.6	
	WEND	16	0753	0755	0800	N01	E04	3727	05	16.6	7	SF			C	0755	63	.6	
	KANZ	16	0754	0754	0758	N01	E03	3727	05	16.5	4	SN		3					
	LEAR	16	0754	0755	0758	N00	E03	3727	05	16.5	4	SN		3	C		25		
	CATA	16	0755E	0755	0800	N01	E03	3727	05	16.5	5D	S		2	P	0755	56	.6	
0163	KANZ	16	0955	0955	0959	N02	E02	3727	05	16.6	4	SN		3					
0164		16	1845	1847	1857	S13	E00	3733	05	16.8	12	SN					52	.8	
	BIGB	16	1845	1847	1900	S13	E00	3733	05	16.8	15	SN		3	C	1847	80	.8	
	HOLL	16	1845	1849	1854	S13	E00	3733	05	16.8	9	SN		3	C		24		
0165		16	21543	21571	2210	S15	E02	3733	05	17.1	16	SF					54	.7	J
	CULG	16	2154	2158	2213	S17	E05	3733	05	17.3	19	SN			C	2158	70	.7	J
	BIGB	16	2156	2157	2212	S14	E01	3733	05	17.0	16	SF		3	C	2157	70	.7	
	HOLL	16	2157	2157	2204	S14	E01	3733	05	17.0	7	SF		3	C		23		
0166	CULG	16	2222	2225	2241	S20	E00	3738	05	16.9	19	SF			C	2225	40	.4	
0167		17	00067	00222	0046	S17	E03	3738	05	17.2	40	SB					154	1.6	CEFJ
	MITK	17	0006	0022	0058	S17	E03	3738	05	17.2	52	SN			C	0022			E
	PEKG	17	0009	0023	0036D	S17	E03	3738	05	17.2	27D	SN			P	0023	185	2.0	CEJ
	BIGB	17	0012	0024	0034	S17	E03	3738	05	17.2	22	SB		3	C	0024	110	1.1	
	HOLL	17	0013	0022	0027D	S17	E03	3738	05	17.2	14D	SB		3	C		166		F
0168	LEAR	17	0038E	0038U	0057D	S13	W02	3733	05	16.9	19D	SF		2	C		44		H
0169		17	0107E	0107*	0150	S17	E04	3738	05	17.3	43D	SN					64	.7	EJK
	PEKG	17	0107E	0107	0129	S18	E03	3738	05	17.3	22D	SF			P	0107	76	.8	E
	CULG	17	0118E	0124U	0200	S17	E05	3738	05	17.4	42D	SN			P	0124	70	.7	EKJ
	YUNN	17	0131E	0135	0201	S17	E04	3738	05	17.4	30D	SN			P		47	.5	E
0170	CULG	17	0146	0152	0202	S13	W03	3733	05	16.8	16	SF			C	0152	40	.4	
0171		17	03393	03423	0403	S16	E02	3738	05	17.3	24	SN					50	.5	EJ
	CULG	17	0339	0342	0403	S16	E02	3738	05	17.3	24	SN			C	0342	70	.7	EJ
	YUNN	17	0342	0345	0350D	S16	E02	3738	05	17.3	8D	SN			P		31	.3	E
0172	CULG	17	0354	0405	0426	S11	W67		05	12.1	32	SF			C	0405	20		
0173	KHAR	17	0627		0639D	S14	E83	3742	05	23.5	12D	SF			P	0632			H
0174		17	07103	0705*	0728	N24	E90	3743	05	24.2	18	1F					66		ADH
	KHAR	17	0702E	0705	0724D	N23	E90	3743	05	24.2	22D	SF			V	0705			H
	CATA	17	0710	0715	0730	N24	E90	3743	05	24.2	20	1		2	P	0715	45		
	ABST	17	0713	0716	0725	N24	E90	3743	05	24.2	12	1F			C	0716	87		AD
0175		17	0745*	0752*	0850	S17	E01	3738	05	17.4	65	SN					196	2.1	
	WEND	17	0745	0752	0907	S17	E01	3738	05	17.4	82	SN			C	0752	138	1.5	
	CATA	17	0745E	0805	0850D	S17	E01	3738	05	17.4	65D	1		2	P	0805	253	2.7	
	KANZ	17	0759	0811	0833	S17	E02	3738	05	17.5	34	SF		3					
0176	YUNN	17	0840E	0845	0855	S17	E00	3738	05	17.4	15D	SN			P		79	.8	E
0177	PALE	17	1916	1918	1934	S09	E35	3737	05	20.4	18	SN		3	C		59		
0178		17	2110	2111	2139	S16	W08	3738	05	17.3	29	SN					100	.8	FJ
	HOLL	17	2110	2111	2139	S17	W09	3738	05	17.2	29	SN		3	C		121		F
	CULG	17	2112E	2112U	2119U	S16	W06	3738	05	17.4	7U	SN			P	2112	80	.8	J
0179	CULG	17	2301	2308	2314	S09	E32	3737	05	20.4	13	SF			C	2308	50	.6	J
0180		17	23192	23231	2340	N23	E63	3740	05	22.8	21	1N					178	3.2	EFJV
	CULG	17	2319	2323	2336	N25	E61	3740	05	22.7	17	1N			C	2323	120	2.9	V
	PEKG	17	2320E	2323	2330D	N24	E64	3740	05	22.9	10D	1N			P	2323	156		E
	VORO	17	2320	2324	2333	N25	E63	3740	05	22.8	13	2N			C	2324	349		J
	BIGB	17	2320	2324	2347	N22	E64	3740	05	22.9	27	1N		3	C	2324	180	4.2	
	HOLL	17	2321	2323	2342	N22	E64	3740	05	22.9	21	1F		3	C		136		F
	MANI	17	2322E	2322U	2329D	N22	E63	3740	05	22.8	7D	1F			V		129	2.6	F

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																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0181		18	02051	02064	0235	N20	E59	3740	05	22.6	30	1N					101	2.1	EFJV
	VORO	18	0205		0213D	N20	E60	3740	05	22.7	8D	1N			C	0208	108	2.6	E
	CULG	18	0205	0206	0218U	N21	E57	3740	05	22.4	13U	1B			P	0206	110	2.2	VJ
	LEAR	18	0206	0210	0250	N19	E58	3740	05	22.5	44	SB	3		C		122		FE
	MANI	18	0208E	0209	0216D	N20	E60	3740	05	22.7	8D	1N			V		110	2.2	
	PURP	18	0208E	0209	0220	N21	E61	3740	05	22.8	12D	SN			P	0209	57	1.3	
0182		18	0225	0225	0229	N22	E72	3741	05	23.6	4	SN					30		
	CULG	18	0224U	0225U	0227D	N23	E71	3741	05	23.6	3U	SF			P	0225	30		
	LEAR	18	0225	0225	0229	N22	E74	3741	05	23.8	4	SN	3		C				
0183	CULG	18	0331	0334	0342	S07	W70		05	12.9	11	SF			C	0334	20		
0184	CULG	18	0434	0438U	0442D	S07	W71		05	12.9	8D	SF			P	0438	30		
0185	CULG	18	0450E	0451	0502	N23	E70	3741	05	23.6	12D	SF			P	0451	40		J
0186	CULG	18	0456	0500	0513	N19	E60	3740	05	22.8	17	SF			C	0500	40	.9	E
0187		18	0658	07014	0714	N25	E73	3743	05	23.9	16	SN					56		DHZ
	WEND	18	0658	0702	0713	N24	E70	3743	05	23.7	15	SN			C	0702	25		
	KANZ	18	0701E	0701	0714	N26	E73	3743	05	24.0	13D	SF	3						
	KHAR	18	0701E	0702	0724D	N24	E73	3743	05	23.9	23D	SF			P	0702			DH
	ABST	18	0703E	0705	0706D	N25	E75	3743	05	24.1	3D	1N			P	0705	87		DZ
0188		18	0710	0719	0752	N19	E58	3740	05	22.7	42	SF					31	.6	D
	KHAR	18	0705E		0738D	N19	E58	3740	05	22.7	33D	SF			V	0711			D
	WEND	18	0710	0719	0752	N20	E57	3740	05	22.6	42	SN			C	0719	31	.6	
	KHAR	18	0750E		0757D	N19	E58	3740	05	22.7	7D	SF			V	0750			D
0189	WEND	18	0836	0841	0849	S24	E10	3736A	05	19.1	13	SF			C	0841	56	.6	
0190		18	08596	09174	0940	S24	E15	3736A	05	19.5	41	SF					88	1.0	DEFH
	WEND	18	0859	0917	0944	S23	E14	3736A	05	19.4	45	SF			C	0917	88	1.0	E
	KANZ	18	0905	0921	0937	S23	E10	3736A	05	19.1	32	SN	3						F
	KHAR	18	0915E		0925D	S26	E20	3736A	05	19.9	10D	SF			V	0915			DH
0191	KHAR	18	0928		0933D	S15	W12	3733	05	17.5	5D	SF			V	0928			D
0192		18	0945	0945	0956	N24	E85	3743	05	25.0	11	1N					84		A
	KANZ	18	0945	0945	0953	N24	E80	3743	05	24.6	8	SN	2						A
	CATA	18	0945	0945	1000	N23	E90	3743	05	25.3	15	1	2		C	0945	84		
0193		18	09532	09573	1019	N25	E72	3743	05	24.0	26	1N					130		
	KANZ	18	0953	0957	1013	N27	E71	3743	05	23.9	20	SN	2						
	WEND	18	0954	0958	1019D	N25	E72	3743	05	24.0	25D	SN			C	0958	63		
	CATA	18	0955	1000	1025	N25	E72	3743	05	24.0	30	2	2		C	1000	197		
	KHAR	18	1010E		1022D	N24	E73	3743	05	24.1	12D	SF			V	1012			
0194		18	12094	12198	1246	N21	E55	3740	05	22.7	37	1N					228	4.8	EF
	LVOV	18	1209	1219	1242	N20	E56	3740	05	22.8	33	2F			C	1219	300	6.5	E
	WEND	18	1213	1227	1249	N21	E55	3740	05	22.7	36	1B			C	1227	156	3.0	
	HOLL	18	1250E	1250U	1314D	N23	E55	3740	05	22.8	24D	SN	2		C				F
0195	ATHN	18	1214E	1222	1250	N25	E65	3741	05	23.5	36D	1B	3		V	1222	223	4.8	
0196		18	1504	15054	1530	N24	E66	3741	05	23.7	26	SF					23		
	RAMY	18	1448E	1505	1532	N25	E66	3741	05	23.7	44D	SF	3		C		21		
	HOLL	18	1504	1509	1528	N23	E66	3741	05	23.7	24	SF	3		C		25		
0197	PALE	18	1741E	1742U	1757	N26	E65	3741	05	23.8	16D	SF	3		C		25		
0198	PALE	18	1741E	1742U	1800	N22	E49	3740	05	22.5	19D	SF	3		C		22		
0199		18	1836	18391	1852	N20	E50	3740	05	22.6	16	SF					35		F
	HOLL	18	1836	1839	1846	N19	E49	3740	05	22.5	10	SF	3		C		22		
	PALE	18	1836	1840	1859	N22	E50	3740	05	22.6	23	SF	3		C		48		F
0200	PALE	18	1841	1842	1858	S14	E63	3742	05	23.5	17	SF	3		C		27		
0201		18	1926	19268	1937D	N21	E47	3740	05	22.4	11D	SF					21		K
	PALE	18	1926	1926	1937D	N21	E47	3740	05	22.4	11D	SF	3		C		22		K
	PALE	18	1926	1934	1937D	N21	E47	3740	05	22.4	11D	SF	3		C		20		K

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0202		18	1956	2023	2054	S16	W19	3738	05	17.4	58	1F					146		EFK
	HOLL	18	1956	2023	2054	S16	W20	3738	05	17.3	58	SF		3	C		88		F
	PALE	18	2003E	2029U	2043D	S17	W18	3738	05	17.5	40D	1F		3	C		204		EK
0203	HOLL	18	1957	2126	2148	N19	E52	3740	05	22.8	111	SF		3	C		78		
		18	2001		2002	No Flare Patrol													
0204	PALE	19	0032	0034	0041	N25	E65	3743	05	24.0	9	SF		3	C		16		
0205		19	0216	0228U	0247	S16	E34	3742	05	21.7	31	SN					113	1.4	EFJ
	CULG	19	0216	0228U	0247	S16	E34	3742	05	21.7	31	SF			P	0228	150	1.8	FJ
	PEKG	19	0224E	0233U	0247	S16	E33		05	21.6	23D	SN			P	0233	76	1.0	E
0206		19	0310	0318*	0334	N22	E48	3740	05	22.8	24	SN					52	.8	EJ
	CULG	19	0310	0318	0334	N23	E48	3740	05	22.8	24	SN			C	0318	40	.7	J
	PEKG	19	0340E	0340	0340D	N20	E48	3740	05	22.8	24D	SF			P	0340	63	1.0	E
0207	PEKG	19	0352E	0353U	0354D	S18	W25	3738	05	17.2	2D	SF			P	0353	25	.3	D
0208		19	03587	04026	0426	N20	E45	3740	05	22.6	28	SN					68	1.2	DEJ
	PEKG	19	0358	0402	0410D	N19	E42	3740	05	22.4	12D	SF			C	0402	50	.8	E
	ABST	19	0405	0408	0426	N21	E48	3740	05	22.8	21	SN			C	0408	87	1.5	DJ
0209		19	05234	0518*	0559	N20	E44	3740	05	22.6	36	SN					111	1.7	EFJKW
	CULG	19	0514U	0524U	0541D	N20	E44	3740	05	22.6	27U	SN			P	0524	80	1.2	EKWJ
	PEKG	19	0517E	0518	0521	N20	E45	3740	05	22.7	4D	SF			P	0518	84	1.3	E
	ABST	19	0523	0528	0612	N20	E44	3740	05	22.6	49	1N			C	0528	218	3.3	FJK
	PEKG	19	0525	0531	0621	N20	E44	3740	05	22.6	56	SF			C	0531	92	1.4	E
	CATA	19	0525E	0535	0605	N20	E43	3740	05	22.5	40D	S		2	P	0535	112	1.7	
	PURP	19	0527	0529	0555	N21	E46	3740	05	22.7	28	SN			C	0529	78	1.2	
0210		19	0656E	0656	0714	N17	E40	3740	05	22.3	18D	SN					28	.4	DH
	KHAR	19	0656E		0725D	N16	E41	3740	05	22.4	29D	SF			P	0700			DH
	PURP	19	0656E	0656	0714	N18	E40	3740	05	22.3	18D	SN			C	0656	28	.4	
0211	KHAR	19	0707E	0709	0718D	N20	E46	3740	05	22.8	11D	SF			P	0709			
0212		19	0725	07307	0800D	N21	E46	3740	05	22.8	35D	1N					134	2.2	EH
	PEKG	19	0725	0730	0742D	N22	E46	3740	05	22.8	17D	1N			C	0730	134	2.2	E
	KHAR	19	0737E	0737	0800D	N20	E46	3740	05	22.8	23D	SF			P	0737			H
0213	KHAR	19	0809E	0810	0816D	N22	E46	3740	05	22.9	7D	SF			V	0810			E
0214	PEKG	19	0847	0855	0925D	N20	E43	3740	05	22.6	38D	1N			C	0855	172	2.7	FT
0215		19	1020E	1021	1039D	N19	E44	3740	05	22.8	19D	SN							BH
	KHAR	19	1020E	1021	1034D	N17	E45	3740	05	22.8	14D	SF			P	1021			H
	KANZ	19	1027E		1039D	N21	E44	3740	05	22.8	12D	SN		2					B
0216	HTPR	19	1217		1223D	N24	E35	3740	05	22.2	6D	SF			C	1218	20	.2	
0217	HOLL	19	1334	1347	1352	N19	E43	3740	05	22.8	18	SF		3	C		24		F
0218		19	14018	1410	1426	N20	E40	3740	05	22.6	25	SF					70	.8	EF
	HOLL	19	1401	1410	1439	N19	E40	3740	05	22.6	38	SF		3	C		81		F
	HTPR	19	1409	1410	1414	N21	E40	3740	05	22.6	5	SF			C	1410	60	.8	E
		19	1549		1559	No Flare Patrol													
0219		19	1733	1742*	1903	N20	E40	3740	05	22.8	90	SB					105	1.5	EFK
	HOLL	19	1733	1742	1904	N20	E40	3740	05	22.8	91	SB		3	C		90		FEK
	HOLL	19	1733	1752	1904	N20	E40	3740	05	22.8	91	SN		3	C		115		K
	BIGB	19	1743E	1743	1900	N20	E40	3740	05	22.8	77D	SB		3	P	1743	110	1.5	
0220		19	1848	1849	1900	S16	W34	3733A	05	17.2	12	SF					22		
	HOLL	19	1848	1849	1900	S16	W34	3733A	05	17.2	12	SF		3	C		20		
	PALE	19	1850E	1851U	1901	S17	W33	3733A	05	17.3	11D	SF		3	C		25		
0221		19	19329	19394	2030	N21	E39	3740	05	22.8	58	SN					59	1.0	F
	BIGB	19	1932	1939	2033	N22	E38	3740	05	22.7	61	SN		3	C	1939	80	1.0	F
	PALE	19	1933	1939	2029D	N22	E38	3740	05	22.7	56D	SN		3	C		35		F
	HOLL	19	1941	1943	2026	N20	E40	3740	05	22.9	45	SN		3	C		63		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	Remarks
0222		19	2039	20544	2116	N19	E34	3740	05	22.4	37	SN					98		FH
	HOLL	19	2039	2054	2121	N18	E34	3740	05	22.4	42	SN		3	C		91		FH
	PALE	19	2041E	2058	2111	N20	E33	3740	05	22.4	30D	SN		3	C		104		
0223		19	21402	2143	2201	N22	E38	3740	05	22.8	21	SN					83	1.0	J
	CULG	19	2140	2142U	2156	N23	E37	3740	05	22.7	16	SN			P	2142	70	1.0	J
	PALE	19	2142	2142U	2204	N23	E38	3740	05	22.8	22	SN		3	C		94		
	HOLL	19	2142	2143	2203	N21	E39	3740	05	22.9	21	SF		3	C		84		
0224	CULG	19	2209	2215U	2230	S09	W34	3733B	05	17.4	21	SF			P	2215	40	.5	
0225		19	22293	2236	2251	N21	E33	3740	05	22.5	22	SN					52	.7	FJ
	HOLL	19	2229	2236	2259	N21	E33	3740	05	22.5	30	SF		3	C		55		F
	CULG	19	2232	2235U	2243	N21	E33	3740	05	22.5	11	SN			P	2235	50	.7	J
0226	PALE	19	2245E	2256U	2300D	N23	E52	3741	05	23.9	15D	SF		3	C		22		
0227		19	22472	2255	2313	S14	E45	3742	05	23.3	26	SF					66	1.4	FJ
	HOLL	19	2247	2255	2320	S15	E44	3742	05	23.3	33	SF		3	C		51		F
	PALE	19	2248E	2255U	2304	S15	E46	3742	05	23.4	16D	SN		3	C		46		F
	CULG	19	2249	2252U	2316	S12	E45	3742	05	23.3	27	SF			P	2252	100	1.4	J
0228	HOLL	19	2322	2325	2354	N20	E38	3740	05	22.9	32	SF		3	C		25		F
0229		20	01407	01511	0210	N19	E34	3740	05	22.7	30	SB					120	1.6	FJ
	CULG	20	0140	0152	0211	N20	E33	3740	05	22.6	31	SB			C	0152	100	1.3	FJ
	PURP	20	0147	0151	0210	N18	E34	3740	05	22.7	23	SN			C	0151	141	1.9	
0230		20	0326	0328	0352	N20	E30	3740	05	22.4	26	SN					82	1.0	EJ
	CULG	20	0326	0328	0347	N20	E28	3740	05	22.3	21	SN			C	0328	70	.8	J
	YUNN	20	0330E	0335U	0358	N19	E31	3740	05	22.5	28D	SN			P	0335	94	1.2	E
0231		20	05332	0535*	0610	N20	E32	3740	05	22.7	37	1N					196	2.5	EFJV
	LEAR	20	0533	0536	0645	N19	E32	3740	05	22.7	72	1N		3	C		208		F
	CULG	20	0534	0535	0555	N20	E30	3740	05	22.5	21	SB			C	0535	80	1.0	VJF
	YUNN	20	0535E	0537	0610	N20	E31	3740	05	22.6	35D	1B			P		204	2.7	F
	PEKG	20	0535	0538	0550	N21	E33	3740	05	22.8	15	1N			C	0538	273	3.6	F
	ABST	20	0553E	0553	0558D	N20	E33	3740	05	22.8	5D	1N			P	0553	218	2.8	E
0232	PEKG	20	0537E	0542	0550	N16	E50	3741	05	24.0	13D	SN			P	0542	71	1.2	F
0233	LEAR	20	0613	0614	0636	N20	E39	3741	05	23.2	23	SN		3	C		102		
0234	PEKG	20	0755	0804	0804D	N19	E45	3741	05	23.8	9D	SN			C	0804	126	2.0	E
		20	1131		1212	No Flare Patrol													
0235		20	14103	14217	1602	N20	E25	3740	05	22.5	112	2B					473		UZ
	RAMY	20	1410	1428	1621	N20	E25	3740	05	22.5	131	2B		3	C		539		ZU
	HOLL	20	1413	1421	1542	N19	E25	3740	05	22.5	89	1B		3	C		407		ZU
0236	RAMY	20	1431	1436	1459	N13	E28	3739	05	22.7	28	SF		3	C		44		
0237	RAMY	20	1526	1529	1557	N14	E28	3739	05	22.7	31	SF		3	C		33		
0238		20	18092	18111	1824	N19	E27	3740	05	22.8	15	SN					40		F
	RAMY	20	1809	1812	1829	N19	E27	3740	05	22.8	20	SN		3	C		46		F
	HOLL	20	1811	1811	1818	N19	E27	3740	05	22.8	7	SN		3	C		33		
		20	1835		1837	No Flare Patrol													
0239		20	21092	21291	2204	N20	E24	3740	05	22.7	55	SN					116		F
	PALE	20	2109	2130	2203	N20	E23	3740	05	22.6	54	SN		3	C		110		F
	HOLL	20	2111	2129	2205	N19	E25	3740	05	22.8	54	SN		3	C		122		F
0240	PALE	20	2206	2208	2231	N22	E27	3740	05	23.0	25	SN		3	C		35		
0241		20	22552	22581	2309	N19	E02	3745	05	21.1	14	SN					72	.7	
	BIGB	20	2255	2259	2322	N19	E03	3745	05	21.2	27	SN		3	C	2259	80	.8	
	CULG	20	2256	2258	2303	N19	E01	3745	05	21.0	7	SN			C	2258	50	.6	
	HOLL	20	2257	2258	2303	N19	E02	3745	05	21.1	6	SF		3	C		68		
	PALE	20	2257	2258	2308	N19	E01	3745	05	21.0	11	SN		3	C		90		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement		Corr (Sq Deg)	Remarks
						Lat	CMD	Region									Apparent (10 ⁻⁶ Disk)			
0242		20	23131	23131	2326	N22	E26	3740	05	23.0	13	SF						26		F
	HOLL	20	2313	2313	2329	N22	E26	3740	05	23.0	16	SF			3	C		26		F
	PALE	20	2314	2314	2324	N22	E25	3740	05	22.9	10	SF			3	C		27		
0243		21	02323	0248	0315	N20	E40	3743	05	24.2	43	SN						138	1.5	FI
	CULG	21	0232	0248	0315	N21	E39	3743	05	24.1	43	SN				0248	120	1.5	FI	
	PALE	21	0235	0246U	0315D	N19	E41	3743	05	24.2	40D	SN			3	C		155		F
0244		21	02355	02481	0315	N22	E36	3741	05	23.9	40	SN						126	2.4	EF
	MITK	21	0235	0248	0255D	N22	E37	3741	05	23.9	20D	SN				0248			E	
	PALE	21	0240	0246U	0315D	N23	E34	3741	05	23.7	35D	SF			3	C		85		F
	PEKG	21	0249E	0249	0315	N22	E38	3741	05	24.0	26D	1N				0249	168	2.4	F	
0245		21	03071	0309*	0344	N20	E21	3740	05	22.7	37	SN						98	1.2	DEFKZ
	PALE	21	0307E	0309	0315D	N20	E18	3740	05	22.5	8D	SN			3	C		73		F
	CULG	21	0307	0329	0400	N20	E19	3740	05	22.6	53	SB				0329	100	1.1	KF	
	PEKG	21	0308	0310	0330	N20	E20	3740	05	22.7	22	SN				C	0310	160	1.9	FZ
	YUNN	21	0317E	0327	0341	N19	E21	3740	05	22.7	24D	SF				P		79	.9	E
	MANI	21	0336E	0338U	0340D	N22	E25	3740	05	23.1	4D	SN				V		60	.8	F
	ABST	21	0426E	0426	0428D	N20	E24	3740	05	23.0	2D	SF				P	0426	114	1.4	D
0246		21	05232	05263	0543	S20	E74	3748	05	26.9	20	SB						36		EHJ
	CULG	21	0523	0526	0544	S18	E72	3748	05	26.7	21	SN				C	0526	40		EJ
	YUNN	21	0525	0529	0542	S22	E75	3748	05	27.0	17	SB				C		31		H
0247	CATA	21	0730	0735	0735D	S19	E75	3748	05	27.0	5D	S			2	P	0735	45		
0248	CATA	21	1000	1005	1020	N23	E19	3741	05	22.9	20	S			2	C	1005	84	1.0	
0249	CATA	21	1055	1100	1125	N22	E19	3740	05	22.9	30	S			2	C	1100	56	.7	
0250	HTPR	21	1225	1229	1232	S13	W61	3733	05	16.9	7	SF				C	1229	30	.6	
0251		21	1230	1242	1256	S23	E58	3747	05	26.0	26	SF						45	1.2	
	HTPR	21	1230	1242	1253	S23	E58	3747	05	26.0	23	SF				C	1242	60	1.2	
	HOLL	21	1246E	1246U	1258	S23	E57	3747	05	25.9	12D	SF			2	C		30		
0252	HTPR	21	1337	1347	1401	N20	E10	3740	05	22.3	24	SF				C	1347	80	.8	E
0253		21	1410	1426	1509	N20	E12	3740	05	22.5	59	1B						470	4.5	EFIT
	HTPR	21	1410		1452D	N20	E10	3740	05	22.3	42D	1B				C	1425	450	4.5	EIT
	HOLL	21	1418E	1426	1509	N19	E13	3740	05	22.6	51D	1B			3	C		489		FE
0254	BIGB	21	1451E	1454	1527	N19	E40	3743	05	24.7	36D	SN			3	C	1454	180	1.9	
0255	HOLL	21	1523	1528	1533	S24	E55	3747	05	25.9	10	SF			3	C		20		
0256	PALE	21	1748	1811	1856D	S19	E69	3748	05	27.0	68D	SF			2	C		29		F
0257	PALE	21	1820	1822	1838	N19	E07	3740	05	22.3	18	SF			2	C		30		F
0258	HOLL	21	1855	1855	1910	N18	E08	3740	05	22.4	15	SF			3	C		20		
0259		21	19436	20042	2050	N20	E10	3740	05	22.6	67	1B						210	1.7	FZ
	HOLL	21	1943	2006	2046	N19	E11	3740	05	22.7	63	1N			3	C		259		ZF
	BIGB	21	1949	2004	2054	N20	E08	3740	05	22.4	65	SB			2	C	2004	160	1.7	
0260	HOLL	21	2047	2102	2109	N18	E06	3740	05	22.3	22	SN			3	C		32		F
0261		21	21563	22036	2258	N19	E06	3740	05	22.4	62	SB						177	1.3	EJT
	HOLL	21	2156	2209	2302	N18	E07	3740	05	22.4	66	SB			3	C		147		E
	CULG	21	2157	2203	2220	N19	E05	3740	05	22.3	23	SB				C	2203	80	.9	EJT
	BIGB	21	2159	2208	2256	N20	E08	3740	05	22.5	57	SN			2	C	2208	100	1.0	
	VORO	21	2205E		2333	N18	E06	3740	05	22.4	88D	1N				C	2318	197	2.1	EJ
	PALE	21	2341E	2445U	2726D	N20	E07	3740	05	22.5	225D	1B			3	C		363		E
0262		22	00342	00398	0146	N17	E03	3740	05	22.2	72	1N						242	2.8	EJKTZ
	MITK	22	0034	0047	0145	N17	E03	3740	05	22.2	71	1N				C	0047	270	2.9	
	HOLL	22	0035	0039	0151D	N18	E05	3740	05	22.4	76D	SB			3	C		193		ZE
	CULG	22	0035	0040	0056	N18	E04	3740	05	22.3	21	SB				C	0040	120	1.3	EJTK
	VORO	22	0036	0043	0204	N16	E04	3740	05	22.3	88	2F				C	0043	547	5.9	J
	YUNN	22	0150E	0150U	0218	N19	E01	3740	05	22.1	28D	SN				P	0150	79	.9	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	Remarks
0263	YUNN	22	0222	0226	0231	N19	E04	3740	05	22.4	9	SN			C		79	.9	
0264		22	0249	02573	0312	N18	E04	3740	05	22.4	23	SN					134	1.4	EFJKT
	CULG	22	0249	0257	0312	N18	E03	3740	05	22.3	23	SN			C	0257	110	1.2	EJTK
	YUNN	22	0259E	0300	0343D	N19	E04	3740	05	22.4	44D	SN			P		157	1.7	F
0265		22	04359	0442	0508	N18	E02	3740	05	22.3	33	SN					72	1.0	F
	LEAR	22	0435	0442	0507	N18	E02	3740	05	22.3	32	SN		3	C		49		F
	YUNN	22	0444	0448U	0509	N19	E03	3740	05	22.4	25	SF			P	0448	94	1.0	
0266		22	0534	0543*	0610	N18	E03	3740	05	22.5	36	SN					156	1.7	EJTZ
	CULG	22	0534	0543	0553	N18	E02	3740	05	22.4	19	SN			C	0543	60	.7	EJT
	WEND	22	0554E		0628	N18	E04	3740	05	22.5	34D	SN			C	0555	156	1.7	Z
	CATA	22	0610E	0610	0645D	N18	E03	3740	05	22.5	35D	1		2	P	0610	253	2.8	
0267	WEND	22	0651	0659	0703	N18	E02	3740	05	22.4	12	SF			C	0659	25	.3	
0268	CATA	22	0715	0720	0725D	N21	E18	3741	05	23.7	10D	S		2	P	0720	84	1.0	
0269		22	07108	07182	0743	N19	E05	3740	05	22.7	33	SB					112	1.4	EF
	MITK	22	0710	0718	0728D	N19	E06	3740	05	22.7	18D	SN			C	0718			E
	WEND	22	0713	0720	0728D	N19	E06	3740	05	22.7	15D	SB			C	0720	88	1.0	
	CATA	22	0715	0720	0725D	N19	E06	3740	05	22.7	10D	S		2	P	0720	169	1.9	
	ATHN	22	0718	0720	0732	N18	E05	3740	05	22.7	14	SB			V	0720	127	1.4	
	LEAR	22	0722E	0723U	0747	N19	E05	3740	05	22.7	25D	SB		3	C		66		FE
	KANZ	22	0742E		0750	N21	E03	3740	05	22.5	8D	SN		3					
0270		22	08129	0820*	0902	S14	E12	3742	05	23.2	50	SN					128	2.1	EG
	KANZ	22	0812	0830	0906	S12	E12	3742	05	23.2	54	SN		3					EG
	CATA	22	0820	0820	0905D	S14	E12	3742	05	23.2	45D	1		2	P	0820	197	2.1	
	MONT	22	0821	0828	0857	S15	E13	3742	05	23.3	36	SF			C	0828	60		E
0271		22	08164	08207	0832	N23	E00	3740	05	22.3	16	SN					56	.6	
	KANZ	22	0816	0827	0834	N23	E00	3740	05	22.3	18	SN		3					
	CATA	22	0820	0820	0830	N23	E01	3740	05	22.4	10	S		2	C	0820	56	.6	
0272		22	08545	09011	0919	N19	E02	3740	05	22.5	25	SN					72	.8	
	KANZ	22	0854	0902	0933	N19	E01	3740	05	22.4	39	1B		3					
	MONT	22	0859	0901	0905	N20	E04	3740	05	22.7	6	SN			C	0901	70		
	WEND	22	0902E		0917D	N18	E01	3740	05	22.4	15D	SN			C	0904	75	.8	
0273	CATA	22	1010	1010	1015	N23	W01	3740	05	22.3	5	S		2	C	1010	56	.6	
0274	CATA	22	1135	1145	1155D	N18	W01	3740	05	22.4	20D	1		2	P	1145	225	2.5	
0275	HOLL	22	1344E	1348	1406	N25	E26	3743	05	24.6	22D	SF		3	C		50		F
0276	HOLL	22	1435	1438	1454D	N22	W01	3740	05	22.5	19D	SN		3	C		52		F
0277	BIGB	22	1458	1503	1526	N24	E25	3743	05	24.5	28	SN		3	C	1503	110	1.3	
0278	BIGB	22	1558	1601	1616	N22	E10	3741	05	23.4	18	SF		3	C	1601	60	.6	
0279	BIGB	22	1702	1704	1709E	N19	E00	3740	05	22.7	7	1B		3	P	1704	240	2.5	
		22	1710		1717	No Flare Patrol													
0280		22	1746	1807	1846	N20	W01	3740	05	22.7	60	1N					233	2.4	E
	PALE	22	1746E	1805U	1843	N20	W01	3740	05	22.7	57D	1N		3	C		226		E
	BIGB	22	1746	1807	1850	N20	W01	3740	05	22.7	64	1N		3	C	1807	240	2.4	
0281	BIGB	22	2040	2042	2055	N22	W08	3740	05	22.2	15	SN		3	C	2042	70	.7	
0282	CULG	22	2229	2231	2242	N23	W06	3740	05	22.5	13	SF			C	2231	50	.6	J
0283	CULG	22	2314	2316	2324	N23	W06	3740	05	22.5	10	SF			C	2316	50	.6	J
0284	CULG	22	2331	2334	2348	N27	W07	3740	05	22.4	17	SF			C	2334	30	.3	J
0285	CULG	23	0026	0029	0036	N22	W08	3740	05	22.4	10	SF			C	0029	40	.4	J

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0286		23	0201*	0202*	0308	N21	W06	3740	05	22.6	67	SN					116	1.4	DEFJK
	PALE	23	0201	0202	0207	N23	W09	3740	05	22.4	6	SF		3	C		21		E
	PALE	23	0211	0227	0340	N20	W06	3740	05	22.6	89	SN		3	C		38		K
	PALE	23	0211	0247	0340	N20	W06	3740	05	22.6	89	1B		3	C		250		EK
	YUNN	23	0234	0237	0247	N24	W08	3740	05	22.5	13	SN			C		31	.4	D
	YUNN	23	0245E	0247U	0257D	N21	W04	3740	05	22.8	12D	SN			P	0247	157	1.8	F
	PEKG	23	0247	0252	0315	N21	W03	3740	05	22.9	28	1B			C	0252	229	2.5	F
	CULG	23	0249	0252	0320	N21	W04	3740	05	22.8	31	SB			C	0252	90	1.0	EJ
0287	PALE	23	0204	0204	0214	N24	E18	3743	05	24.5	10	SF		3	C		21		
0288		23	0204*	0219*	0250	N24	E02	3741	05	23.2	46	SN					90	1.1	EIU
	PALE	23	0204	0229	0316	N23	E04	3741	05	23.4	72	SN		3	C		73		U
	CULG	23	0207	0219	0240	N24	E00	3741	05	23.1	33	SN			C	0219	100	1.1	EI
	YUNN	23	0217	0225	0247	N24	E03	3741	05	23.3	30	SN			P		63	.7	E
	PEKG	23	0223E	0230	0239	N23	E02	3741	05	23.2	16D	SF			P	0230	126	1.4	E
0289		23	03063	03096	0319	N23	E18	3743	05	24.5	13	SN					76	1.0	EJ
	PEKG	23	0306	0309	0313	N23	E19	3743	05	24.6	7	SN			C	0309	134	1.6	E
	PALE	23	0307	0309	0319	N23	E18	3743	05	24.5	12	SN		3	C		50		
	MANI	23	0308E	0308U	0320D	N23	E19	3743	05	24.6	12D	SF			V		40	.5	
	CULG	23	0309	0315	0325	N22	E17	3743	05	24.4	16	SN			C	0315	80	.9	EJ
0290		23	0408	0415*	0436	N22	E18	3743	05	24.5	28	SN					74	.8	EJ
	CULG	23	0408	0415	0430	N23	E19	3743	05	24.6	22	SN			C	0415	70	.8	EJ
	YUNN	23	0417E	0425	0443	N22	E17	3743	05	24.5	26D	SN			P		79	.9	E
0291	CATA	23	0615	0615	0620	N19	W09	3740	05	22.6	5	S		2	C	0615	56	.6	
0292		23	12431	1259	1340D	N19	W13	3740	05	22.5	57D	SN					57	.8	FK
	WEND	23	1243		1253D	N18	W13	3740	05	22.5	10D	SF			C	1253	75	.8	
	HOLL	23	1244	1245U	1340D	N20	W13	3740	05	22.5	56D	SN		3	C		67		FK
	HOLL	23	1244	1259	1340D	N20	W13	3740	05	22.5	56D	SN		3	C		30		K
0293		23	1528*	16312	1734	N19	W18	3740	05	22.3	126	SN					153	1.3	FU
	HOLL	23	1528	1633	1736	N19	W17	3740	05	22.3	128	SN		3	C		186		UF
	BIGB	23	1610	1631	1733	N19	W18	3740	05	22.3	83	SN		2	C	1631	120	1.3	
0294	PALE	23	1835E	1835U	1842	N20	W05	3741	05	23.4	7D	SF		3	C		29		
0295		23	18432	1845	1940	N19	W16	3740	05	22.5	57	1B					229	1.4	E
	HOLL	23	1843	1845	1932	N19	W17	3740	05	22.5	49	1B		3	C		256		E
	PALE	23	1843	1845	1948	N20	W15	3740	05	22.6	65	1B		3	C		301		E
	BIGB	23	1845	1845	1909D	N19	W17	3740	05	22.5	24D	SB		2	P	1845	130	1.4	
0296		23	2024	2025	2032	N22	E08	3743	05	24.5	8	1N					212		F
	PALE	23	2019E	2025	2026D	N21	E06	3743	05	24.3	7D	1N		3	C		310		
	HOLL	23	2024	2025	2032	N23	E11	3743	05	24.7	8	SF		3	C		114		F
0297	PALE	23	2125	2126	2139	N21	W16	3740	05	22.7	14	SN		3	C		39		
0298	CULG	23	2311	2313	2318	N22	W21	3740	05	22.3	7	SF			C	2313	30	.4	
0299	CULG	23	2340	2344	2355	N17	W22	3739	05	22.3	15	SN			C	2344	30	.4	J
0300	PEKG	24	0123	0130	0140	N20	W21	3740	05	22.4	17	SF			P	0130	25	.3	D
0301		24	01322	0136	0140	N22	E06	3743	05	24.5	8	SF					62	.6	EJ
	CULG	24	0132	0136	0141	N22	E05	3743	05	24.4	9	SF			C	0136	40	.4	J
	PEKG	24	0134	0136	0138	N23	E06	3743	05	24.5	4	SF			C	0136	84	.9	E
0302	PEKG	24	0141	0145	0200	S12	W14	3742	05	23.0	19	SF			P	0145	34	.4	E
0303		24	0310	0313	0327	N16	E54		05	28.2	17	SB					55	1.0	DEJ
	PEKG	24	0310E	0313	0313D	N15	E54		05	28.2	3D	SN			P	0313	50	.9	E
	CULG	24	0310	0313	0327	N16	E53		05	28.1	17	SB			C	0313	60	1.0	JD
0304	CULG	24	0338	0343	0350D	S27	E24	3747	05	26.0	12D	SF			P	0343	30	.4	J
0305	ABST	24	0403	0405	0410	N19	W25	3740	05	22.3	7	SN			C	0405	87	1.1	DJ

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF Region			CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
						Lat	CMD	USAF Region								Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0306		24	04125	04148	0436	N18	W23	3740	05	22.4	24	1N					174	2.0	DEJK
	ABST	24	0412	0414	0434	N17	W25	3740	05	22.3	22	1N			C	0414	262	3.1	EJ
	ABST	24	0417	0422	0438	N19	W21	3740	05	22.6	21	SN			C	0422	87	1.0	DJK
0307		24	04357	0438*	0454	N14	E54		05	28.3	19	SN					53	1.1	DEGH
	PEKG	24	0435	0438	0445D	N15	E53		05	28.2	10D	SN			C	0438	42	.8	E
	ABST	24	0442	0448	0500	N13	E54		05	28.3	18	SF			C	0448	87	1.8	DGH
	YUNN	24	0445E	0445U	0449	N14	E54		05	28.3	4D	SN			P	0445	31	.6	DG
0308	ABST	24	0457E	0501	0525	N23	W16	3741	05	23.0	28D	SN			P	0501	96	1.1	DJ
0309	ABST	24	0457E	0502	0532	S20	W21		05	22.6	35D	SF			P	0502	122	1.4	EJ
0310	PEKG	24	0610	0618	0629	S19	W90		05	17.4	19	SN			C	0618	42		A
0311		24	06564	07005	0705	N25	W27	3740	05	22.2	9	SN					68	.9	D
	PEKG	24	0656	0705	0705D	N25	W27	3740	05	22.2	9D	SN			P	0705	34	.4	D
	ABST	24	0658	0704	0706D	N25	W27	3740	05	22.2	8D	SN			P	0704	87	1.1	D
	CATA	24	0700	0700	0705	N24	W28	3740	05	22.1	5	S		2	C	0700	84	1.1	
0312	ATHN	24	1019	1021	1024D	N21	W22	3740	05	22.7	5D	SN		3	V	1021	111	1.3	
		24	1231		1238	No Flare Patrol													
		24	1437		1439	No Flare Patrol													
0313		24	1717	17234	1806	N17	W22	3739	05	23.0	49	1N					224	2.3	F
	PALE	24	1711E	1723	1803	N17	W22	3739	05	23.0	52D	1N		3	C		239		F
	BIGB	24	1717	1727	1810	N17	W22	3739	05	23.0	53	1N		3	C	1724	210	2.3	
0314	HOLL	24	1928	1929	1937	N14	W24	3739	05	23.0	9	SF		3	C		30		
0315	PALE	24	2052E	2101U	2107	N18	W25	3739	05	23.0	15D	SN		3	C		171		F
0316		24	22041	22113	2232	N12	W32	3739	05	22.5	28	SF					57	1.0	F
	BIGB	24	2204	2211	2230	N12	W32	3739	05	22.5	26	SF		3	C	2211	80	1.0	
	HOLL	24	2205	2214	2234	N12	W32	3739	05	22.5	29	SF		3	C		34		F
0317	PEKG	24	2344	2355	2410	S16	E85	3752	05	31.4	26	SF			C	2355	17		D
0318		24	23522	2355	2408	S21	E21	3748	05	26.6	16	SN					96	1.0	E
	PALE	24	2352	2355	2405	S22	E20	3748	05	26.5	13	SN		3	C		117		
	CULG	24	2352	2355	2406	S20	E21	3748	05	26.6	14	SN			C	2355	70	.8	
	PEKG	24	2354	2355	2412	S21	E21	3748	05	26.6	18	SN			C	2355	101	1.2	E
0319	PALE	25	0054E	0054U	0113D	S23	E18	3747	05	26.4	19D	SF		3	C		35		
0320	PEKG	25	0145	0147	0208	S21	E22	3748	05	26.7	23	SF			C	0147	76	.9	F
0321		25	03041	0306	0321	S21	E19	3748	05	26.6	17	SN					46	.6	EJ
	CULG	25	0304	0308U	0321U	S20	E19	3748	05	26.6	17U	SN			P	0308	50	.6	J
	PEKG	25	0305	0306	0321	S22	E19	3748	05	26.6	16	SN			C	0306	42	.5	E
0322	PEKG	25	0305	0306	0310	N20	W33	3740	05	22.6	5	SN			C	0306	46	.6	E
0323	CULG	25	0332E	0342U	0355	N20	W33	3740	05	22.6	23D	SN			P	0342	50	.7	EJ
0324		25	0421	04304	0457	N21	W34	3740	05	22.6	36	1N					130	1.8	EFJK
	ABST	25	0358E	0434	0515	N21	W36	3740	05	22.4	77D	1F			P	0434	201	2.7	FJK
	PEKG	25	0421	0430	0439	N21	W32	3740	05	22.7	18	SN			C	0430	59	.8	E
0325	PEKG	25	0430E	0430	0445	S21	E18	3748	05	26.6	15D	SF			C	0430	29	.3	E
0326		25	06211	06264	0644	S16	E86	3752	05	31.8	23	1F					54		DGJ
	HTPR	25	0621	0626	0632	S15	E87	3752	05	31.8	11	SF			C	0626	30		
	ABST	25	0622	0630	0655	S16	E85	3752	05	31.7	33	1F			C	0630	79		DGJ
0327		25	06296	0633*	0708	N20	W34	3740	05	22.7	39	SN					83	1.1	DFJ
	ATHN	25	0629	0634	0723	N20	W30	3740	05	23.0	54	SB		3	V	0634	111	1.4	
	ABST	25	0630	0633	0648	N20	W36	3740	05	22.5	18	SF			C	0633	87	1.2	DJ
	HTPR	25	0634	0636	0731	N20	W34	3740	05	22.7	57	SF			C	0636	30	.4	
	PEKG	25	0635	0643	0649	N21	W34	3740	05	22.7	14	SN			P	0643	105	1.4	F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Apparent (10 ⁻⁶ Disk)	Measurement Corr (Sq Deg)	Remarks
0328	PEKG	25	0640	0701	0711D	S15	E80	3752	05	31.3	31D	SN			P	0701	50		E
0329		25	0643	0651*	0716	S22	E16	3748	05	26.5	33	SN					112	1.3	E
	ATHN	25	0643	0651	0717	S20	E15	3748	05	26.4	34	SN		3	V	0651	127	1.4	
	CATA	25	0645	0655	0715	S23	E16	3748	05	26.5	30	S		2	C	0655	112	1.3	
	PEKG	25	0646	0701	0711D	S22	E16	3748	05	26.5	25D	SN			P	0701	97	1.1	E
0330	YUNN	25	0705	0708	0726	N22	W33	3740	05	22.7	21	SF			P		31	.4	E
0331		25	0740*	0750*	1100	S16	E80	3752	05	31.4	200	1N					91		T
	KANZ	25	0720E		0737D	S15	E79	3752	05	31.3	17D	SF		3					
	HTPR	25	0740	1049	1115	S15	E85	3752	05	31.7	215	SN			C	1049	50		
	CATA	25	0745	0750	1015	S16	E79	3752	05	31.3	150	1		2	C	0750	112		T
	CATA	25	1025	1030	1130	S16	E78	3752	05	31.3	65	1		2	C	1030	112		T
0332	ATHN	25	1039	1043	1116	N21	W33	3740	05	22.9	37	SN		3	V	1043	127	1.7	
0333		25	1249	1254*	1315	N20	W37	3740	05	22.7	26	SN					141	2.0	EF
	HOLL	25	1235E	1253U	1315	N21	W36	3740	05	22.8	40D	SN		2	C		118		F
	HTPR	25	1249	1254	1310	N19	W40	3740	05	22.5	21	SF			C	1254	50	.7	E
	ATHN	25	1253	1304	1321	N20	W34	3740	05	22.9	28	1B		3	V	1304	255	3.4	
0334	HTPR	25	1342	1400	1408	S14	E85	3752	06	1.0	26	SN			C	1400	70		
0335	HTPR	25	1655	1701	1706	N14	W36	3739	05	23.0	11	SF			C	1701	40	.5	
0336		25	1735*	1735*	1754	S16	E74	3752	05	31.3	19	SF							
	HOLL	25	1735	1735	1742	S17	E74	3752	05	31.3	7	SF		3	C				
	PALE	25	1742	1747	1754	S15	E74	3752	05	31.3	12	SF		2	C				
	HOLL	25	1746	1747	1805	S16	E75	3752	05	31.4	19	SF		3	C				
0337	HOLL	25	1745	1749	1812	N21	W44	3740	05	22.4	27	SN		3	C		113		F
0338		25	1745	1748	1802	N15	W37	3739	05	22.9	17	SF					50	.4	
	PALE	25	1745	1749	1800D	N15	W37	3739	05	22.9	15D	SN		2	C		75		
	HOLL	25	1747	1748	1800	N16	W37	3739	05	22.9	13	SF		3	C		44		
	HTPR	25	1747	1750	1804	N14	W37	3739	05	22.9	17	SF			C	1750	30	.4	
0339	PALE	25	1747	1752	1758	S21	W12	3751	05	24.8	11	SF		2	C		112		
0340	HOLL	25	1843	1844	1855	N22	W37	3740	05	22.9	12	SF		3	C		44		F
0341	HOLL	25	1849	1854	1910	S22	W13	3751	05	24.8	21	SN		3	C		122		
0342		25	1905	1907	1922	N17	W38	3739	05	22.9	17	SN					50		F
	HOLL	25	1905	1907	1911	N16	W38	3739	05	22.9	6	SN		3	C		54		F
	HOLL	25	1906	1907	1933	N18	W39	3739	05	22.8	27	SN		3	C		46		F
0343	HOLL	25	1936	1938	1945	N21	W42	3740	05	22.6	9	SF		3	C		47		F
0344	HOLL	25	1936	1937	1949	S20	E13	3748	05	26.8	13	SF		3	C		32		
0345	HOLL	25	2013	2013	2017	N16	W38	3739	05	23.0	4	SF		3	C		24		
0346	HOLL	25	2013	2014	2018	S21	W13	3751	05	24.8	5	SF		3	C		26		
0347	HOLL	25	2027	2030	2047	N12	W41	3739	05	22.8	20	SF		3	C		28		F
0348	HOLL	25	2102	2113	2213	N12	W42	3739	05	22.7	71	SF		3	C		72		F
		25	2126		2139	No Flare Patrol													
		25	2151		2158	No Flare Patrol													
0349	HOLL	25	2223E	2232	2236	S21	W14	3751	05	24.8	13D	SF		3	C		26		
0350		26	0125	0127	0132	S18	E71	3752	05	31.5	7	SN					30		D
	LEAR	26	0125	0127	0135	S17	E71	3752	05	31.4	10	SN		3	C		34		
	PEKG	26	0127	0128	0130	S19	E71	3752	05	31.5	3	SN			C	0128	25		D
0351		26	0135	0139	0151	N19	W46	3740	05	22.5	16	SN					36	.7	EF
	YUNN	26	0135	0143	0148D	N19	W48	3740	05	22.4	13D	SN			P		31	.5	
	PEKG	26	0137	0139	0148	N19	W48	3740	05	22.4	11	SN			C	0139	55	.9	E
	LEAR	26	0138	0139	0154	N20	W42	3740	05	22.8	16	SN		3	C		22		F

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0352	PEKG	26	0310	0315	0330	S21	W18	3751	05	24.7	20	SF			C	0315	34	.4	E
0353		26	0329	03473	0358	N14	W46	3739	05	22.7	29	SN					55	.8	E
	MITK	26	0329	0350	0400	N15	W48	3739	05	22.5	31	SN			C	0350			E
	PEKG	26	0346E	0347	0355	N13	W43	3739	05	22.9	9D	SN			P	0347	55	.8	E
0354		26	0335*	03503	0401	S22	W68		05	20.9	26	SN					40	1.1	D
	LEAR	26	0335	0350	0357	S22	W68		05	20.9	22	SF		3	C		34		
	PEKG	26	0346	0353	0405	S21	W67		05	21.0	19	SN			C	0353	46	1.1	D
0355		26	03452	03461	0355	N19	W49	3740	05	22.4	10	SN					87	1.6	EF
	CULG	26	0345	0346	0352	N18	W49	3740	05	22.4	7	SB			C	0346	60	.9	
	PEKG	26	0345	0347	0359	N21	W48	3740	05	22.5	14	1N			C	0347	147	2.3	E
	LEAR	26	0347	0347	0355	N19	W49	3740	05	22.4	8	SN		3	C		54		F
0356		26	04001	04213	0446	S21	W18	3751	05	24.8	46	SN					66	.8	EF
	PEKG	26	0400	0421	0500	S21	W18	3751	05	24.8	60	SN			C	0421	55	.6	E
	LEAR	26	0401	0424	0439	S21	W18	3751	05	24.8	38	SN		3	C		35		F
	CULG	26	0409E	0410U	0438	S21	W17	3751	05	24.9	29D	SF			P	0410	110	1.2	
	YUNN	26	0419E	0424	0430D	S20	W17	3751	05	24.9	11D	SN			P		63	.7	
0357	ABST	26	0439	0444	0453	N14	W45	3739	05	22.8	14	SF			C	0444	105	1.8	E
0358		26	06378	0639*	0711	S21	W18	3751	05	24.9	34	SN					99	1.4	EF
	LEAR	26	0637	0639	0732	S21	W19	3751	05	24.8	55	SN		3	C		49		F
	KANZ	26	0638	0642	0654	S21	W17	3751	05	25.0	16	SN		3					
	HTPR	26	0639	0642	0706	S22	W20	3751	05	24.7	27	SF			C	0642	80	.9	E
	CATA	26	0645	0650	0700D	S21	W18	3751	05	24.9	15D	S		2	P	0650	169	1.9	
0359		26	07002	07028	0719	N20	W52	3740	05	22.3	19	1N					127	1.8	EF
	MITK	26	0700	0702	0707	N22	W53	3740	05	22.2	7	1N			P	0702	160	2.9	
	LEAR	26	0700	0704	0744	N19	W51	3740	05	22.4	44	1B		3	C		186		FE
	WEND	26	0702	0704	0713	N20	W50	3740	05	22.5	11	SN			C	0704	75	1.3	
	HTPR	26	0702	0704	0716	N19	W52	3740	05	22.3	14	SB			C	0704	80	1.3	E
	YUNN	26	0707E	0707U	0715	N20	W52	3740	05	22.3	8D	SN			P	0707	94	1.7	E
	CATA	26	0710E	0710	0715D	N19	W52	3740	05	22.3	5D	1		2	P	0710	169		
0360	KANZ	26	0701	0705	0720	N15	W51	3739	05	22.4	19	SB		3					
0361		26	0835	0750*	0900	S20	W21	3751	05	24.7	25	S					84	1.0	T
	CATA	26	0740E	0750	0910D	S21	W19	3751	05	24.9	90D	S		2	P	0750	140	1.6	T
	CATA	26	0835	0835	0900	S19	W23	3751	05	24.6	25	S		2	C	0835	28	.3	
0362	HTPR	26	1002	1005	1009	S22	W22	3751	05	24.7	7	SF			C	1005	30	.3	
0363		26	1039*	11037	1140	S20	W21	3751	05	24.8	61	SN					87	1.0	ET
	HTPR	26	1039	1108	1225	S22	W23	3751	05	24.7	106	SF			C	1108	60	.6	E
	KANZ	26	1055	1103	1123	S20	W21	3751	05	24.8	28	SN		2					
	ATHN	26	1103	1108	1157D	S20	W21	3751	05	24.8	54D	SB		3	V	1108	111	1.3	
	WEND	26	1104	1107	1111	S19	W21	3751	05	24.8	7	SF			C	1107	38	.4	
	CATA	26	1105E	1110	1115D	S20	W22	3751	05	24.8	10D	S		2	P	1110	140	1.6	T
0364	KANZ	26	1211	1227	1247	N15	W60	3739	05	22.0	36	SF		2					
0365		26	1212*	1227*	1302	N14	W51	3739	05	22.6	50	SF					66	1.2	EF
	HTPR	26	1212	1229	1305	N11	W52	3739	05	22.6	53	SN			C	1229	60	1.0	E
	KANZ	26	1215	1227	1306	N11	W52	3739	05	22.6	51	SN		2					
	WEND	26	1225	1233	1244	N13	W52	3739	05	22.6	19	SF			C	1233	75	1.3	
	HOLL	26	1245E	1245	1305	N17	W50	3739	05	22.7	20D	SF		3	C		108		F
	HOLL	26	1301	1302	1312	N18	W49	3739	05	22.8	11	SF		2	C		22		F
0366		26	12567	13027	1316	S24	W23	3751	05	24.8	20	SN					37	.4	
	HTPR	26	1256	1306	1318	S25	W24	3751	05	24.7	22	SN			C	1306	40	.4	
	KANZ	26	1258	1302	1314	S24	W22	3751	05	24.8	16	SN		3					
	HOLL	26	1303	1309	1316	S23	W24	3751	05	24.7	13	SF		2	C		34		
0367		26	13256	13283	1336	S21	W24	3751	05	24.7	11	SF					74	.7	EF
	HOLL	26	1325	1328	1331	S19	W25	3751	05	24.6	6	SF		2	C		98		F
	HTPR	26	1326	1329	1337	S22	W24	3751	05	24.7	11	SF			C	1329	60	.7	E
	KANZ	26	1326	1330	1338	S22	W23	3751	05	24.8	12	SN		2					
	HOLL	26	1331	1331	1337	S20	W24	3751	05	24.7	6	SF		2	C		63		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0368	HOLL	26	1337	1414	1421	N19	W50	3740	05	22.7	44	SF		3	C		16		F
0369	KANZ	26	1350	1354	1358	S25	W23	3751	05	24.8	8	SF		2					
0370	HOLL	26	1352	1354	1412	N12	W51	3739	05	22.7	20	SF		3	C		41		F
0371		26	14426	14462	1503	S21	W23	3751	05	24.8	21	SN					97		F
	KANZ	26	1442	1446	1506	S22	W23	3751	05	24.8	24	SN		3					F
	HOLL	26	1448	1448	1500	S20	W23	3751	05	24.8	12	SF		3	C		97		F
0372	HOLL	26	1449	1454	1455	N10	W51	3739	05	22.8	6	SF		3	C		29		F
0373	KANZ	26	1458	1458	1514	N23	W28	3743	05	24.5	16	SN		3					
0374		26	1507	1510	1512	S21	W24	3751	05	24.8	5	1N					126	1.4	ET
	HTPR	26	1501E		1748D	S22	W25	3751	05	24.7	167D	1N			C	1732	220	2.4	ET
	WEND	26	1507	1510	1512	S20	W22	3751	05	24.9	5	SF			C	1510	31	.4	
0375	KANZ	26	1514	1518	1538	S19	E03	3748	05	26.9	24	SN		3					
0376		26	1540*	17342	1848	S20	W26	3751	05	24.7	188	1B					178	2.8	E
	HOLL	26	1540	1736	1845	S20	W26	3751	05	24.7	185	SB		3	C		115		E
	BIGB	26	1550	1734	1850	S20	W26	3751	05	24.7	180	1B		3	C	1734	240	2.8	
0377		26	1752*	1825*	1856	N13	W53	3739	05	22.7	64	SN					65	1.7	EF
	BIGB	26	1752	1852	1900	N13	W53	3739	05	22.7	68	SN		3	C	1832	100	1.7	
	HOLL	26	1753	1825	1852	N14	W53	3739	05	22.7	59	SF		3	C		39		F
	PALE	26	1824	1828	1857	N13	W53	3739	05	22.8	33	SN		3	C		55		E
0378		26	1810*	1811*	1938	S21	W25	3751	05	24.8	88	1N					372	5.5	EFK
	PALE	26	1808E	1810U	2018D	S21	W25	3751	05	24.8	130D	2N		3	C		521		EK
	PALE	26	1808E	1850	2018D	S21	W25	3751	05	24.8	130D	1N		3	C		466		K
	BIGB	26	1810	1811	2020	S21	W25	3751	05	24.8	130	2N		3	C	1811	480	5.5	
	HOLL	26	1850	1850	1856	S21	W26	3751	05	24.8	6	SN		3	C		22		F
0379	PALE	26	1809	1816	1855	S03	E54	3753	05	30.8	46	SF		3	C		85		
0380	HOLL	26	1822	1828	1851	N18	W50	3740	05	22.9	29	SN		3	C		69		F
0381		26	18312	1833	1842	S20	E01	3748	05	26.8	11	SF					32		E
	PALE	26	1831	1833	1841	S20	E00	3748	05	26.8	10	SF		3	C		37		E
	HOLL	26	1833	1833	1843	S20	E02	3748	05	26.9	10	SF		3	C		28		
0382	PALE	26	1847	1852	1906	S14	E60	3752	05	31.3	19	SF		3	C		28		
0383	PALE	26	1906	1915	1918	S20	E01	3748	05	26.9	12	SF		3	C		24		
0384	PALE	26	1928	1932	1941	N21	W55	3740	05	22.6	13	SN		3	C		65		
0385	PALE	26	1937	1946	2009	S19	W03	3748	05	26.6	32	SF		3	C		22		
0386	HOLL	26	2018E	2021	2031	S14	E60	3752	05	31.4	13D	SN		3	C		30		H
0387	HOLL	26	2059	2100	2108	S14	E60	3752	05	31.4	9	SF		3	C		20		
0388	HOLL	26	2107	2107	2110	N22	W60	3740	05	22.3	3	SF		3	C		25		H
0389	HOLL	26	2152	2153	2200	S13	E58	3752	05	31.3	8	SF		3	C		15		
0390	HOLL	26	2308E	2308U	2315	S19	W07	3748	05	26.4	7D	SF		3	C		20		F
0391	PEKG	27	0029E	0030	0031D	S15	E57	3752	05	31.3	2D	SN			P	0030	84	1.6	E
0392	PEKG	27	0029	0030	0031	S05	E50	3753	05	30.7	2	SF			C	0030	92	1.5	E
0393		27	0033	00306	0042	S22	W29	3751	05	24.8	9	SN					84	1.6	E
	PEKG	27	0030E	0030	0030D	S21	W30	3751	05	24.7	9D	SN			P	0030	126	1.6	E
	LEAR	27	0033	0036	0042	S22	W28	3751	05	24.9	9	SN		3	C		43		
0394	BIGB	27	0104	0114	0126D	S04	E34	3753	05	29.6	22D	1B		3	P	0114	160	2.0	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0395	PEKG	27	0137E	0137	0146	S21	W30	3751	05	24.8	9D	SN			P	0137	21	.3	D
0396		27	03483	0352*	0422	S21	W30	3751	05	24.8	34	SN					97	1.0	EFJK
	LEAR	27	0348	0352	0405	S22	W30	3751	05	24.8	17	SB		2	C		169		E
	PEKG	27	0350	0359	0430	S21	W31	3751	05	24.8	40	SN			C	0359	139	1.8	F
	CULG	27	0351	0352	0354	S22	W29	3751	05	24.9	3	SF			C	0352	30	.3	
	CULG	27	0358E	0358U	0358D	S22	W29	3751	05	24.9	3D	SF			P	0358	20	.2	
	YUNN	27	0358E	0358U	0408	S20	W30	3751	05	24.9	10D	SN			P	0358	47	.6	E
	ABST	27	0416E	0508	0515	S20	W31	3751	05	24.8	59D	1F			P	0508	175	2.2	FJK
0397	LEAR	27	0434	0436	0450	S20	W31	3751	05	24.8	16	SN		3	C		66		F
0398		27	04513	04533	0505	S20	W05	3748	05	26.8	14	SF					71	.8	EF
	LEAR	27	0451	0454	0509	S21	W04	3748	05	26.9	18	SN		3	C		68		F
	ABST	27	0453E	0453	0501	S20	W05	3748	05	26.8	8D	SF			P	0453	148	1.6	E
	CULG	27	0454	0456	0500	S20	W04	3748	05	26.9	6	SF			C	0456	50	.5	F
	PEKG	27	0456E	0456	0510	S21	W06	3748	05	26.7	14D	SF			C	0456	17	.2	E
0399	LEAR	27	0508	0508	0536	S21	W30	3751	05	24.9	28	SN		3	C		64		F
0400		27	0521*	0608*	0634	S04	E48	3753	05	30.8	73	1F					166	2.4	FJ
	ABST	27	0521	0608	0657D	S03	E49	3753	05	30.9	96D	1F			P	0608	262	3.9	FJ
	HTPR	27	0620	0630	0634	S04	E47	3753	05	30.8	14	SF			C	0630	70	1.0	
0401		27	0522	0526*	0537	S16	E54	3752	05	31.3	15	SN					34	.9	DF
	LEAR	27	0522	0526	0537	S15	E55	3752	05	31.4	15	SN		3	C		17		F
	PEKG	27	0544E	0544	0544D	S16	E54	3752	05	31.3	15D	SN			P	0544	50	.9	D
0402		27	0533*	05446	0602	S22	W32	3751	05	24.8	29	SN					158	2.8	F
	PEKG	27	0533	0544	0544D	S21	W33	3751	05	24.7	11D	1B			P	0544	378	4.9	F
	CULG	27	0550	0550	0552	S22	W31	3751	05	24.9	2	SN			C	0550	70	.8	
	LEAR	27	0550	0550	0611	S22	W32	3751	05	24.8	21	SN		3	C		25		F
0403		27	0546*	06494	0658	N20	W65	3740	05	22.3	72	SN					72		EF
	PEKG	27	0546	0653	0658	N20	W65	3740	05	22.3	72	SN			C	0653	76		E
	WEND	27	0641	0649	0658	N21	W66	3740	05	22.2	17	SF			C	0649	69		
	LEAR	27	0643	0651	0659	N19	W65	3740	05	22.3	16	SN		3	C		72		F
0404		27	0631	0635*	0652	S21	W33	3751	05	24.7	21	1N					193	3.0	EF
	HTPR	27	0616E		0653	S22	W34	3751	05	24.6	37D	SF			C	0637	50	.6	E
	CATA	27	0630E	0645	0725D	S21	W33	3751	05	24.7	55D	1			P	0645	337	4.4	
	LEAR	27	0631	0635	0651	S20	W32	3751	05	24.8	20	SN		3	C		69		F
	PEKG	27	0653E	0653	0653D	S21	W33	3751	05	24.7	20D	1N			P	0653	315	4.1	F
0405	KHAR	27	0637		0653D	S18	W07	3748	05	26.7	16D	SF			P	0638			
0406	KHAR	27	0637E	0638	0655D	N16	W71	3739	05	21.9	18D	SN			P	0638			
0407		27	07055	07098	0722	S15	E53	3752	05	31.3	17	SN					44	.7	E
	CATA	27	0705	0710	0725	S14	E52	3752	05	31.2	20	S			P	0710	56	1.0	
	LEAR	27	0706	0711	0725	S15	E54	3752	05	31.4	19	SN		3	C		57		
	KANZ	27	0709	0709	0721	S14	E53	3752	05	31.3	12	SN		3					
	PEKG	27	0709	0710	0720	S16	E53	3752	05	31.3	11	SN			C	0710	42	.7	E
	HTPR	27	0710	0717	0720	S15	E54	3752	05	31.4	10	SF			C	0717	20	.3	
0408	KHAR	27	0707E	0707	0710D	S07	E90	3752B	06	3.0	3D	SF			P	0707			H
0409		27	07112	07112	0716	S05	E48	3753	05	30.9	5	SN					27	.4	D
	KHAR	27	0710E	0711	0716D	S06	E48	3753	05	30.9	6D	SN			V	0711			
	PEKG	27	0711	0712	0713	S07	E48	3753	05	30.9	2	SN			C	0712	34	.5	D
	HTPR	27	0712	0713	0718	S04	E48	3753	05	30.9	6	SF			C	0713	20	.3	
	KANZ	27	0713	0713	0717	S04	E46	3753	05	30.7	4	SN		3					
0410		27	0742*	0805*	0848	S21	W33	3751	05	24.8	66	SN					173	2.8	EFKLT
	HTPR	27	0742	0839	0852	S22	W35	3751	05	24.6	70	SF			C	0839	120	1.5	ET
	CATA	27	0800E	0805	0805	S27	W30	3751	05	25.0	5D	1			P	0805	309	4.1	
	LEAR	27	0805	0806	0908D	S20	W33	3751	05	24.8	63D	SN		2	C		21		K
	LEAR	27	0805	0831	0908D	S20	W33	3751	05	24.8	63D	SN		2	C		98		FK
	KANZ	27	0807	0830	0858	S20	W34	3751	05	24.7	51	SN		3					
	CATA	27	0815E	0835	0900	S21	W33	3751	05	24.8	45D	1			P	0835	337	4.4	T
	WEND	27	0817	0825	0857	S20	W33	3751	05	24.8	40	1N			C	0825	200	2.6	
	KHAR	27	0823E		0858D	S19	W34	3751	05	24.7	35D	SN			V	0826			L
	ATHN	27	0823	0833	0859	S19	W32	3751	05	24.9	36	SB		2	V	0833	127	1.6	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Op+ Xray	Obs See Type	Time (UT)	Area Measurement Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	Remarks
0411		27	07581	0759	0810	N17	W60	3739	05 22.8	12	SN			24		
	LEAR	27	0758	0759	0808	N17	W59	3739	05 22.8	10	SN	3	C	24		
	KANZ	27	0759	0759	0811	N17	W60	3739	05 22.8	12	SF	3				
0412		27	0758*	0805*	0846	N12	W60	3739	05 22.8	48	SN			38	.7	FK
	LEAR	27	0758	0805	0858	N11	W60	3739	05 22.8	60	SN	2	C	45		K
	LEAR	27	0758	0837	0858	N11	W60	3739	05 22.8	60	SN	2	C	46		K
	KANZ	27	0759	0807	0811	N11	W61	3739	05 22.7	12	SF	3				
	KHAR	27	0808E		0845D	N12	W60	3739	05 22.8	37D	SF		V	0813		
	ATHN	27	0827	0833	0843	N13	W60	3739	05 22.8	16	SB	2	V	0833	64	1.4
	HTPR	27	0827	0836	0905	N12	W62	3739	05 22.7	38	SF		C	0836	20	.4
	MANI	27	0828E	0832U	0835D	N10	W58	3739	05 23.0	7D	SN		V		30	.5
	WEND	27	0828	0836	0842	N14	W59	3739	05 22.9	14	SF		C	0836	25	.5
0413		27	08244	08286	0847	S15	E53	3752	05 31.4	23	SN			66	1.1	EF
	LEAR	27	0824	0828	0855	S15	E53	3752	05 31.4	31	SB	2	C	73		FE
	WEND	27	0825	0834	0842	S14	E52	3752	05 31.3	17	SN		C	0834	63	1.1
	ATHN	27	0826	0829	0847	S15	E51	3752	05 31.2	21	SB	2	V	0829	95	1.6
	KHAR	27	0826E	0830	0853D	S15	E55	3752	05 31.5	27D	SN		V	0830		
	KANZ	27	0827	0830	0850	S14	E53	3752	05 31.3	23	SN	3				
	HTPR	27	0828	0829	0840	S16	E53	3752	05 31.4	12	SN		C	0829	20	.3
	MANI	27	0828E	0832U	0836D	S14	E55	3752	05 31.5	8D	SB		V		80	1.4
0414		27	08383	08417	0854	S20	W06	3748	05 26.9	16	SF			40	.5	E
	KANZ	27	0838	0846	0854	S20	W05	3748	05 27.0	16	SF	3				
	HTPR	27	0838	0848	0855	S20	W07	3748	05 26.8	17	SF		C	0848	50	.5
	LEAR	27	0841	0841	0852	S21	W06	3748	05 26.9	11	SF	2	C		31	
0415		27	0914	0948*	1020	S21	W34	3751	05 24.8	66	SN			150	2.0	E
	KANZ	27	0914	1004	1020	S21	W34	3751	05 24.8	66	SN	3				
	KHAR	27	0935E	0948	1012D	S21	W34	3751	05 24.8	37D	SF		P	0948	150	2.0
0416	KHAR	27	0919		0950D	S04	E44	3753	05 30.7	31D	SF		V	0919		
0417		27	09393	09404	1003	S15	E52	3752	05 31.3	24	SN			54	.9	
	KHAR	27	0938E	0940	1010D	S16	E53	3752	05 31.4	32D	SN		V	0938	50	1.0
	WEND	27	0939		0950D	S14	E52	3752	05 31.3	11D	SF		C	0940	44	.8
	HTPR	27	0940	0940	0959	S16	E53	3752	05 31.4	19	SB		C	0940	40	.6
	KANZ	27	0942	0942	1000	S14	E53	3752	05 31.4	18	SN	3				
	ATHN	27	0944E	0944	1009	S15	E51	3752	05 31.3	25D	SB	2	V	0944	80	1.3
0418	KHAR	27	1010E	1013	1020D	N12	W61	3739	05 22.8	10D	SF		V	1013		
0419	KHAR	27	1042E	1042	1048D	S21	W36	3751	05 24.7	6D	SF		V	1042		H
0420		27	1058	1056*	1123	N10	W62	3739	05 22.8	25	SF			50		CEIJK
	KHAR	27	1056E	1056	1128D	N11	W62	3739	05 22.8	32D	SF		V	1056	50	CEIJK
	KANZ	27	1058	1106	1123	N10	W61	3739	05 22.9	25	SF	2				
0421		27	1102	11042	1115	S24	W32	3751	05 25.0	13	SN			75	1.0	
	HTPR	27	1102	1104	1115	S24	W31	3751	05 25.1	13	SN		C	1104	50	.6
	KHAR	27	1106E	1106	1116D	S23	W34	3751	05 24.8	10D	SF		P	1106	100	1.4
0422	HTPR	27	1135		1140D	S22	W29	3751	05 25.2	5D	SN		C	1136	40	.4
0423		27	1151	1153	1159	S15	E52	3752	05 31.4	8	SF			35	.6	D
	HTPR	27	1151	1153	1159	S14	E52	3752	05 31.4	8	SF		C	1153	20	.3
	KHAR	27	1153E	1153	1157D	S16	E53	3752	05 31.5	4D	SF		P	1153	50	1.0
0424	HTPR	27	1208		1227	S14	E52	3752	05 31.4	19	SF		C	1216	20	.3
0425		27	12191	1222	1226	S21	W40	3751	05 24.4	7	SF			30	.4	E
	HTPR	27	1219	1222	1226	S21	W38	3751	05 24.6	7	SF		C	1222	40	.5
	HTPR	27	1220		1235D	S21	W41	3751	05 24.4	15D	SF		C	1231	20	.3
0426	HOLL	27	1234E	1234	1250	S05	E38	3753	05 30.4	16D	SF	3	C		65	
0427	HTPR	27	1328	1332	1346	S21	W38	3751	05 24.6	18	SF		C	1332	40	.5
0428	HOLL	27	1331E	1333	1341	S05	E41	3753	05 30.6	10D	SF	3	C		18	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Apparent (10 ⁻⁶ Disk)	Measurement Corr (Sq Deg)	Remarks
0429	WEND	27	1403	1406	1412	N14	W62	3739	05	22.9	9	SN			C	1406	69	1.6	
0430		27	14532	1503	1508	S20	W39	3751	05	24.6	15	SN					86	1.3	F
	HOLL	27	1453	1503	1507D	S20	W39	3751	05	24.6	14D	SN		3	C		73		F
	BIGB	27	1455	1503	1508	S20	W39	3751	05	24.6	13	SN		3	C	1503	100	1.3	
0431		27	15001	15053	1516	S03	E41	3753	05	30.7	16	SN					138	1.9	F
	KANZ	27	1500	1508	1516	S03	E40	3753	05	30.6	16	SN		2					
	BIGB	27	1501	1505	1515	S01	E41	3753	05	30.7	14	1N		3	C	1505	160	2.2	
	HOLL	27	1501	1507U	1507D	S04	E41	3753	05	30.7	6D	SN		3	C		142		F
	WEND	27	1506E		1517	S04	E42	3753	05	30.8	11D	SN			C	1506	113	1.6	
0432		27	1512	1516	1532	S22	W42	3751	05	24.4	20	SF					40	.5	
	KANZ	27	1512	1516	1532	S24	W42	3751	05	24.4	20	SF		2					
	HTPR	27	1520E		1524D	S21	W42	3751	05	24.4	4D	SF			C	1521	40	.5	
0433	BIGB	27	1528	1531	1606	S04	E25	3753	05	29.5	38	1B		3	C	1531	240	2.7	
0434		27	1608	16142	1636	S14	E48	3752	05	31.3	28	SN					90	1.3	E
	WEND	27	1608	1614	1636	S14	E47	3752	05	31.2	28	SN			C	1614	119	1.7	
	HTPR	27	1616E	1616	1646D	S15	E48	3752	05	31.3	30D	SF			C	1616	60	.9	E
0435	BIGB	27	1637	1641	1722	S06	E27	3753	05	29.7	45	SN		3	C	1641	70	.8	
0436	WEND	27	1645	1646	1650	S04	E41	3753	05	30.8	5	SF			C	1646	75	1.0	
0437	BIGB	27	1705	1706	1729	N13	W77	3739	05	21.9	24	1B		3	C	1706	100		
0438	PALE	27	1814	1818	1922	S22	W38	3751	05	24.8	68	SN		3	C		59		F
0439	BIGB	27	1823	1824	1836	N12	W79	3739	05	21.8	13	SN		3	C	1824	80		
0440	PALE	27	1826	1831	1847	S03	E39	3753	05	30.7	21	SN		3	C		43		
0441		27	1859E	1901	1914	S04	E38	3753	05	30.6	15D	SN					42		F
	PALE	27	1859E	1901	1914	S03	E38	3753	05	30.6	15D	SN		3	C		44		
	HOLL	27	1902E	1902U	1905D	S04	E37	3753	05	30.5	3D	SF		3	C		39		F
0442	BIGB	27	1921	1923	1938	S04	E25	3753	05	29.7	17	SB		3	C	1923	120	1.4	
0443		27	19566	2009	2030	S03	E37	3753	05	30.6	34	SB					78	1.5	E
	PALE	27	1956	2009	2024	S03	E37	3753	05	30.6	28	SB		3	C		37		E
	BIGB	27	2002	2009	2036	S03	E37	3753	05	30.6	34	SB		3	C	2009	120	1.5	
0444	PALE	27	2105E	2105U	2120	S22	W39	3751	05	24.9	15D	SN		3	C		53		F
0445	LEAR	28	0030	0031	0045	N13	W68	3739	05	22.9	15	SF		2	C		28		F
0446	LEAR	28	0057	0058	0101	S22	W41	3751	05	24.9	4	SN		2	C		31		F
0447		28	01048	0104*	0144	S03	E34	3753	05	30.6	40	1N					278	4.2	EFJK
	LEAR	28	0104	0104	0149	S04	E34	3753	05	30.6	45	SF		2	C		31		K
	LEAR	28	0104	0114	0149	S04	E34	3753	05	30.6	45	1B		2	C		319		FEK
	MITK	28	0109E	0114	0148	S03	E34	3753	05	30.6	39D	1N			C	0114	230	2.8	E
	VORO	28	0111		0133D	S04	E36	3753	05	30.7	22D	2B			C	0117	502	6.2	J
	CULG	28	0112	0115	0131	S02	E34	3753	05	30.6	19	1B			C	0115	310	3.7	
0448		28	01173	0121	0125	S22	W40	3751	05	25.0	8	SN					138	2.2	D
	VORO	28	0117	0121	0124	S22	W41	3751	05	24.9	7	1F			C	0121	197	2.9	D
	MITK	28	0118	0121	0126	S22	W41	3751	05	24.9	8	SN			C	0121			D
	CULG	28	0119E	0121	0126	S22	W39	3751	05	25.0	7D	SN			P	0121	110	1.5	
	LEAR	28	0120	0121	0125	S22	W41	3751	05	24.9	5	SN		2	C		106		
0449		28	0222*	0225*	0243	S21	W42	3751	05	24.9	21	SN					62	1.1	EFK
	LEAR	28	0222	0225	0244	S21	W43	3751	05	24.8	22	SN		2	C		58		FK
	LEAR	28	0222	0241	0244	S21	W43	3751	05	24.8	22	SN		2	C		48		K
	YUNN	28	0234	0236	0240	S21	W41	3751	05	25.0	6	SF			C		79	1.1	E
0450	LEAR	28	0303	0311	0351	N13	W70	3739	05	22.8	48	1N		2	C		152		F
0451		28	03234	0328*	0405	S05	E34	3753	05	30.7	42	SN					76	.8	EFK
	MITK	28	0323	0328	0415	S05	E34	3753	05	30.7	52	SN			C	0328			E
	LEAR	28	0327	0328	0400	S04	E33	3753	05	30.6	33	SB		2	C		91		FEK
	LEAR	28	0327	0340	0400	S04	E33	3753	05	30.6	33	SN		2	C		74		K
	YUNN	28	0334E	0335U	0340D	S06	E36	3753	05	30.8	6D	SN			P	0335	63	.8	E

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																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0452	LEAR	28	0411	0414	0432	S21	W44	3751	05	24.8	21	SN		2	C		49		F
0453		28	04435	04501	0505	S21	W45	3751	05	24.7	22	SN					72	1.4	D
	ABST	28	0443	0450	0458	S20	W45	3751	05	24.7	15	SF			P	0450	87	1.4	D
	LEAR	28	0448	0451	0512	S22	W45	3751	05	24.7	24	SN		3	C		56		
0454		28	0500*	0508*	0548	S05	E33	3753	05	30.7	48	SN					110	2.8	EFJK
	LEAR	28	0500	0508	0525	S06	E34	3753	05	30.7	25	SN		3	C		53		
	ABST	28	0502	0508	0606	S06	E34	3753	05	30.7	64	1N			C	0508	227	2.8	EJK
	KANZ	28	0506E	0514	0530	S04	E33	3753	05	30.7	24D	SN		3					
	LEAR	28	0541	0549	0558	S06	E33	3753	05	30.7	17	SN		3	C		49		F
	KANZ	28	0542	0548	0600	S05	E33	3753	05	30.7	18	SN		3					
0455	ABST	28	0626	0628	0708D	S06	E34	3753	05	30.8	42D	SF			P	0628	157	1.9	EJ
0456	HTPR	28	0647		0728	S06	E33	3753	05	30.7	41	SF			C	0650	40	.5	E
0457		28	07105	07182	0724	S22	W45	3751	05	24.8	14	SN					78	1.1	DE
	HTPR	28	0704E		0725	S21	W46	3751	05	24.8	21D	SN			C	0717	80	1.1	E
	KHAR	28	0705E		0725D	S22	W46	3751	05	24.7	20D	SN			V	0705			
	KANZ	28	0710	0718	0726	S22	W44	3751	05	24.9	16	SN		2					
	MITK	28	0713		0722	S21	W45	3751	05	24.8	9	SN			C	0718			D
	BUCA	28	0715		0725	S22	W44	3751	05	24.9	10	SN			C	0718	43	.6	D
	CATA	28	0715	0720	0725	S21	W44	3751	05	24.9	10	S			C	0720	112	1.7	
		28	0756*	0807*	0839	S05	E32	3753	05	30.7	43	SN					59	.9	DEFT
0458	KHAR	28	0755E		0819D	S05	E34	3753	05	30.9	24D	SF			V	0757			ET
	HTPR	28	0756		0834D	S06	E32	3753	05	30.7	38D	SF			C	0808	60	.7	E
	LEAR	28	0803	0807	0820	S06	E34	3753	05	30.9	17	SN		3	C		27		
	YUNN	28	0813	0818	0847	S05	E33	3753	05	30.8	34	SN			C		47	.6	D
	KHAR	28	0827E	0832	0842D	S05	E30	3753	05	30.6	15D	SN			P	0832	110	1.5	ET
	LEAR	28	0830	0832	0845	S05	E32	3753	05	30.7	15	SB		3	C		54		FE
	KANZ	28	0832	0832	0844	S04	E32	3753	05	30.7	12	SN		2					
		28	08138	08213	0835	S22	W47	3751	05	24.7	22	SN					53	1.0	E
0459	LEAR	28	0813	0821	0841	S22	W47	3751	05	24.7	28	SN		3	C		53		
	YUNN	28	0820	0824	0832	S21	W47	3751	05	24.7	12	SN			C		47	.8	E
	KANZ	28	0821	0821	0832	S23	W46	3751	05	24.8	11	SN		2					
	KHAR	28	0821E	0822	0835D	S22	W48	3751	05	24.6	14D	SF			P	0822	60	1.1	E
0460	KHAR	28	0859		0910D	N11	W82	3739	05	22.2	11D	SF			P	0859			D
0461	KANZ	28	0932	0936	1013	N17	W78	3739	05	22.5	41	1N		2					
0462		28	09377	09413	0953	S21	W46	3751	05	24.9	16	SN					65	1.0	E
	HTPR	28	0937	0941	0945	S21	W47	3751	05	24.8	8	SN			C	0941	70	1.0	E
	KHAR	28	0940E		0950D	S22	W47	3751	05	24.8	10D	SF			P	0940	60	1.1	E
	KANZ	28	0944	0944	1001	S21	W45	3751	05	24.9	17	SN		2					
0463	KHAR	28	1020E	1022	1033D	S08	E79	3752B	06	3.3	13D	SF			V	1022			
0464	KHAR	28	1026		1033D	S04	E27	3753	05	30.4	7D	SF			V	1026			BCHJ
0465	HTPR	28	1032	1033	1034	S21	W48	3751	05	24.7	2	SF			C	1033	20	.3	
0466		28	1057	1057	1105	S23	W48	3751	05	24.7	8	SN							
	KHAR	28	1056E	1057	1104D	S22	W47	3751	05	24.8	8D	SF			P	1057			E
	KANZ	28	1057	1057	1105	S24	W49	3751	05	24.7	8	SN		1					
0467	KHAR	28	1118E	1121	1125D	S21	W48	3751	05	24.8	7D	SF			V	1121			
0468	KHAR	28	1126		1133D	S05	E33	3753	05	30.9	7D	SF			V	1127			ET
0469		28	1209*	12331	1257	N12	W76	3739	05	22.8	48	SN					100		DFK
	KANZ	28	1209	1233	1324D	N11	W77	3739	05	22.7	75D	SN							K
	LVOV	28	1230	1234	1254	N12	W76	3739	05	22.8	24	SF		1					D
	HOLL	28	1232E	1232U	1300	N12	W74	3739	05	22.9	28D	SN		3	C	1234	100		F
0470	HOLL	28	1327	1328	1335	S20	W50	3751	05	24.7	8	SF		3	C		23		
0471	KANZ	28	1347		1422	N11	W77	3739	05	22.8	35	SN		1					

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Corr (Sq Deg)	Remarks
																	Apparent (10 ⁻⁶ Disk)			
0472	HOLL	28	1423	1427	1511	S05	E27	3753	05	30.6	48	SB		3	C		102			EF
0473	HOLL	28	1457	1459	1503	N12	W78	3739	05	22.7	6	SF		3	C					
0474	HOLL	28	1529	1531	1604	S04	E25	3753	05	30.5	35	1B		3	C		289			EU
0475		28	1636	1640*	1715	S06	E27	3753	05	30.7	39	SB					67			EFK
	HOLL	28	1636	1640	1715	S06	E27	3753	05	30.7	39	SB		3	C		50			FEK
	HOLL	28	1636	1655	1715	S06	E27	3753	05	30.7	39	SN		3	C		84			K
0476	HOLL	28	1706	1706	1730	N13	W77	3739	05	22.9	24	SB		3	C					EF
0477	HOLL	28	1823	1824	1830	N12	W79	3739	05	22.8	7	SN		3	C					
0478	PALE	28	1909E	1925	1931	N12	W77	3739	05	23.0	22D	SF		3	C					
0479		28	1921	1922A	1938	S04	E26	3753	05	30.7	17	SB					142			EF
	PALE	28	1909E	1926	1940	S03	E26	3753	05	30.7	31D	SB		3	C		163			FE
	HOLL	28	1921	1922	1937	S04	E25	3753	05	30.7	16	SB		3	C		122			FE
0480		28	1946	1958	2011	S14	E34	3752	05	31.4	25	SN					108			
	HOLL	28	1946	1958	2011	S15	E34	3752	05	31.4	25	SF		3	C		94			
	PALE	28	1953E	1958U	2001D	S13	E34	3752	05	31.4	8D	SN		3	C		121			
0481	HOLL	28	2034	2037	2053	S15	E34	3752	05	31.4	19	SF		3	C		131			
0482	HOLL	28	2120	2120	2126	S15	E32	3752	05	31.3	6	SF		3	C		53			F
0483		28	22171	22173	2236	S03	E22	3753	05	30.6	19	SN					111			EF
	HOLL	28	2217	2217	2237	S04	E23	3753	05	30.6	20	SN		3	C		111			F
	MITK	28	2218	2220	2235	S02	E22	3753	05	30.6	17	SN			C	2220				E
0484		28	2342*	23543	2402	N12	W85	3739	05	22.6	20	SN								
	LEAR	28	2342	2354	2402	N11	W86	3739	05	22.5	20	SN		2	C					
	HOLL	28	2354	2357	2402	N12	W84	3739	05	22.7	8	SF		3	C					
0485	PEKG	29	0056	0101	0105	S12	E37	3752	05	31.8	9	SN			C	0101	63	.8		E
0486		29	01301	01311	0150	S03	E21	3753	05	30.6	20	1N					220	2.2		EFJ
	VORO	29	0130	0132	0143	S03	E21	3753	05	30.6	13	1N				0132	296	3.2		J
	HOLL	29	0131E	0131U	0150D	S04	E21	3753	05	30.6	19D	1N		3	C		240			F
	LEAR	29	0131	0131	0156	S04	E21	3753	05	30.6	25	1N		2	C		244			F
	MITK	29	0131	0132	0141D	S03	E21	3753	05	30.6	10D	SN			C	0132				E
	MANI	29	0132E	0133E	0140D	S04	E22	3753	05	30.7	8D	SN			V		100	1.1		F
0487		29	0204	0208*	0253	S04	E20	3753	05	30.6	49	1N					348	3.6		EFJK
	LEAR	29	0204	0209	0306	S04	E20	3753	05	30.6	62	2B		2	C		745			FEK
	VORO	29	0204	0210	0234	S03	E21	3753	05	30.6	30	2B				0210	699	8.4		EJ
	LEAR	29	0204	0249	0306	S04	E20	3753	05	30.6	62	SF		2	C		95			K
	MANI	29	0206E	0208	0211D	S04	E22	3753	05	30.7	5D	1B			V		260	2.9		FE
	MITK	29	0208E		0244	S03	E20	3753	05	30.6	36D	1N			C	0208	220	2.4		E
	PEKG	29	0229E	0247	0256	S03	E19	3753	05	30.5	27D	SN			P	0247	71	.8		E
		29	0247E	0247	0306	S08	E68	3752B	06	3.2	19D	SF					47			E
0488	PEKG	29	0247E	0247	0253	S08	E67	3752B	06	3.1	6D	SF			P	0247	42			E
	PALE	29	0249E	0254U	0320	S07	E68	3752B	06	3.2	31D	SF		3	C		52			
0489	PALE	29	0302	0302	0308	N11	W89	3739	05	22.4	6	SF		3	C					
0490	PALE	29	0320	0330	0332	N11	W89	3739	05	22.4	12	SF		3	C					
0491		29	03372	03375	0404	S20	W58	3751	05	24.7	27	SF					19			F
	LEAR	29	0337	0337	0404	S20	W57	3751	05	24.8	27	SF		2	C		14			F
	PALE	29	0339	0342	0401D	S21	W58	3751	05	24.7	22D	SF		3	C		24			
0492	PEKG	29	0348	0401	0435	N12	W90	3739	05	22.4	47	SN			C	0401	84			A
0493		29	03506	03542	0406	S03	E19	3753	05	30.6	16	SN					41	.5		EF
	PEKG	29	0350	0355	0405	S03	E17	3753	05	30.4	15	SN			C	0355	50	.5		F
	PALE	29	0353	0354	0401D	S03	E20	3753	05	30.6	8D	SN		3	C		24			F
	LEAR	29	0356	0356	0408	S04	E20	3753	05	30.6	12	SF		2	C		49			F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement		Remarks	
						Lat	CMD	Region									Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0494	LEAR	29	0410	0410	0416	S08	E66	3752B	06	3.1	6	SF		2	C			15		
0495		29	0504	05159	0540	S04	E64	3752B	06	3.0	36	SF						70	1.2	EF
	LEAR	29	0504	0524	0540	S04	E64	3752B	06	3.0	36	SF		3	C			89		F
	PEKG	29	0515E	0515	0515D	S04	E64	3752B	06	3.0	36D	SF			P	0515		50	1.2	E
0496		29	0504*	05156	0531	S04	E18	3753	05	30.5	27	SN						93	1.0	EF
	LEAR	29	0504	0519	0540	S04	E18	3753	05	30.5	36	SN		3	C			80		F
	PEKG	29	0514E	0515	0520	S04	E18	3753	05	30.6	6D	SN			P	0515		67	.7	E
	ABST	29	0515	0521	0532	S03	E17	3753	05	30.5	17	SF			C	0521		131	1.4	E
0497		29	0524E	0538	0554	S06	E08	3753	05	29.8	30D	SN						82	.8	BE
	CULG	29	0524E	0524U	0559	S05	E07	3753	05	29.7	35D	SN			P	0524		80	.8	B
	PEKG	29	0538E	0538	0549	S07	E09	3753	05	29.9	11D	SN			P	0538		84	.9	E
0498	PEKG	29	0603	0629	0638D	N12	W89	3739	05	22.5	35D	SN			C	0629		46		A
0499		29	0641*	07014	0720	S04	E18	3753	05	30.6	39	SN						138	1.4	DEFJ
	LEAR	29	0641	0702	0732	S04	E17	3753	05	30.5	51	SN		3	C			156		F
	ABST	29	0649	0701	0701D	S03	E18	3753	05	30.6	12D	SF			P	0701		105	1.1	DJ
	BUCA	29	0700	0702	0715	S03	E18	3753	05	30.6	15	SN			C	0702		161	1.7	E
	PEKG	29	0700	0705	0714	S04	E18	3753	05	30.6	14	SN			C	0705		130	1.4	F
0500		29	0641*	0701*	0800	S08	E63	3752B	06	3.0	79	SN						72	1.6	EF
	ABST	29	0641	0701	0701D	S09	E66	3752B	06	3.2	20D	SN			P	0701		87		F
	LEAR	29	0641	0705	0829	S09	E64	3752B	06	3.1	108	SN		3	C			60		E
	PEKG	29	0700	0705	0717	S09	E63	3752B	06	3.0	17	SN			C	0705		71	1.6	E
	KHAR	29	0742E	0743	0801D	S07	E60	3752B	06	2.8	19D	SF			P	0743				
	MONT	29	0800E	0800	0813	S07	E62	3752B	06	3.0	13D	SN			C	0800		70		
0501	KHAR	29	0740		0747D	N17	W90	3739	05	22.5	7D	SN			P	0740				HT
0502	KHAR	29	0754		0820D	N19	W90	3740	05	22.5	26D	SF			P	0809				HT
0503	KHAR	29	0829		0855D	N10	W90	3739	05	22.6	26D	SF			V	0830				H
0504		29	08478	08573	0909	S07	E64	3752B	06	3.1	22	SN						77	1.8	E
	LEAR	29	0847	0858	0919D	S08	E62	3752B	06	3.0	32D	SN		3	C			74		
	YUNN	29	0855	0857	0905	S07	E64	3752B	06	3.2	10	SN			C			63	1.5	E
	KHAR	29	0857E		0907D	S08	E65	3752B	06	3.2	10D	SF			V	0859				
	ATHN	29	0859E	0900	0913	S04	E63	3752B	06	3.1	14D	1B		2	V	0900		95	2.1	
0505		29	0853	0853	0904	S04	E16	3753	05	30.6	11	SN						38	.5	EF
	LEAR	29	0853	0853	0913	S03	E16	3753	05	30.6	20	SF		3	C			29		F
	YUNN	29	0854E	0854U	0855	S04	E15	3753	05	30.5	1D	SN			P	0854		47	.5	E
0506		29	0902		0942D	N20	E90	3758	06	5.3	40D	SF								HT
	KHAR	29	0902E		0920D	N20	E90	3758	06	5.3	18D	SF			V	0909				HT
	KHAR	29	0902E		0942D	N19	E90	3758	06	5.2	40D	SF			V	0903				HT
0507		29	1020	10205	1039	N12	W90	3739	05	22.6	19	1F						56		HT
	KHAR	29	0957E		1037D	N10	W90	3739	05	22.6	40D	SF			P	1024				HT
	CATA	29	1020	1020	1035	N11	W90	3739	05	22.6	15	1			C	1020		56		
	ATHN	29	1025E	1025	1043	N15	W90	3739	05	22.6	18D			2	V	1025				
0508	KHAR	29	1120		1138D	N10	W90	3739	05	22.7	18D	SF			V	1129				HT
		29	1208		1218	No Flare Patrol														
		29	1239		1240	No Flare Patrol														
		29	1317		1334	No Flare Patrol														
0509	HOLL	29	1427	1427	1437	S03	E13	3753	05	30.6	10	SF		3	C			101		F
0510	HOLL	29	2144	2146	2207	S09	E58	3752B	06	3.2	23	SF		3	C			21		F
0511	HOLL	29	2217	2228	2321	S08	E56	3752B	06	3.1	64	SF		3	C			47		F
0512	HOLL	30	0116	0116	0123	S06	E58	3754	06	3.4	7	SF		3	C			20		
		30	0220		0226	No Flare Patrol														
		30	0303		0308	No Flare Patrol														

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/USAF Region	Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement (10 ⁻⁶ Disk)	Corr (Sq Deg)	Remarks
0513	PEKG	30	0314E	0315	0324	S19	W54	3748	05	26.0	10D	SN			P	0315	71	1.3	E
0514		30	0321	0333*	0416	S09	E53	3752B	06	3.1	55	SN					46		FK
	LEAR	30	0321	0333	0416	S09	E53	3752B	06	3.1	55	SN		3	C		54		K
	LEAR	30	0321	0359	0416	S09	E53	3752B	06	3.1	55	SN		3	C		39		FK
		30	0321		0331	No Flare Patrol													
0515	LEAR	30	0323	0324	0329	S21	W72	3751	05	24.6	6	SF		3	C				F
0516	LEAR	30	0340	0341	0426	S07	E08	3753	05	30.7	46	SF		3	C		62		F
0517	PEKG	30	0429E	0429U	0454	N15	W90	3739	05	23.4	25D	SN			P	0429	42		AD
0518		30	04583	0506*	0558	S04	E05	3753	05	30.6	60	SN					192	2.0	EFJ
	PEKG	30	0458	0507	0521	S03	E05	3753	05	30.6	23	SN			C	0507	193	2.0	F
	LEAR	30	0459	0506	0617	S06	E05	3753	05	30.6	78	SN		3	C		173		F
	ABST	30	0501	0506	0617	S04	E06	3753	05	30.6	76	SN			C	0506	175	1.8	EJ
	CATA	30	0530E	0530	0530D	S05	E05	3753	05	30.6	76D	1			P	0530	225	2.3	
0519	WEND	30	0553		0608	S05	E07	3753	05	30.8	15	SF			C	0553	56	.6	
0520	KANZ	30	0610E	0637	0652	S06	E07	3753	05	30.8	42D	SF		2					L
0521		30	06131	06181	0635	S14	E13	3752	05	31.2	22	SF					31		
	LEAR	30	0613	0619	0640	S15	E13	3752	05	31.2	27	SF		3	C		31		
	KANZ	30	0614	0618	0630	S14	E13	3752	05	31.2	16	SF		1					
0522		30	0703	07065	0722	S04	E54	3754	06	3.3	19	SN							G
	KANZ	30	0703	0711	0722	S03	E56	3754	06	3.5	19	SN		3					G
	KHAR	30	0705E	0706	0730D	S04	E53	3754	06	3.2	25D	SF			V	0706			
0523	PEKG	30	0723E	0723	0750	S19	W56	3748	05	26.0	27D	SN			P	0723	67	1.3	E
0524	KANZ	30	0808	0812	0820	S04	E55	3754	06	3.4	12	SN		3					L
0525		30	08164	08196	0836	S22	W50	3748	05	26.5	20	SF					36	.8	D
	WEND	30	0816	0820	0833	S22	W50	3748	05	26.5	17	SF			C	0820	44	.8	
	KANZ	30	0816	0820	0835	S23	W50	3748	05	26.5	19	SN		2					
	LEAR	30	0817	0819	0836	S22	W51	3748	05	26.4	19	SF		3	C		20		
	KHAR	30	0817E	0822	0842D	S22	W51	3748	05	26.4	25D	SF			V	0822			D
	CATA	30	0820	0825	0840	S22	W51	3748	05	26.4	20	S			C	0825	45	.8	
		30	1011		1015	No Flare Patrol													
0526		30	1016E	10164	1046	N12	W90	3739	05	23.6	30D	2					169		A
	ATHN	30	1016E	1016	1042	N10	W90	3739	05	23.7	26D			2	V	1016			
	CATA	30	1020E	1020	1050	N14	W90	3739	05	23.6	30D	2			P	1020	169		A
0527		30	14222	14281	1446	S15	E10	3752	05	31.3	24	SN					76	.7	F
	WEND	30	1422	1429	1445	S15	E10	3752	05	31.3	23	SN			C	1429	69	.7	
	HOLL	30	1424	1428	1446	S15	E09	3752	05	31.3	22	SF		3	C		83		F
0528		30	20126	20182	2029	S20	W52	3748	05	26.9	17	SF					50		F
	HOLL	30	2012	2018	2029	S19	W53	3748	05	26.8	17	SF		3	C		47		F
	PALE	30	2018	2020	2044D	S20	W52	3748	05	26.9	26D	SF		2	C		53		F
0529		31	01066	01136	0133	S14	E02	3752	05	31.2	27	SF					59		F
	LEAR	31	0106	0113	0142	S15	E02	3752	05	31.2	36	SF		3	C		73		F
	HOLL	31	0108	0113	0127	S14	E02	3752	05	31.2	19	SF		2	C		50		F
	PALE	31	0112	0119	0130	S14	E03	3752	05	31.3	18	SF		2	C		53		F
0530		31	03092	0311	0332	S20	W54	3748	05	27.0	23	SB					109	2.2	EF
	CULG	31	0309	0311	0321D	S21	W51	3748	05	27.2	12D	1B			P	0311	140	2.3	
	LEAR	31	0310E	0311	0334	S20	W53	3748	05	27.1	24D	SB		3	C		162		FE
	MANI	31	0311	0311	0325	S20	W58	3748	05	26.7	14	SB			V		110	2.1	E
	PALE	31	0325E	0325U	0336	S20	W52	3748	05	27.2	11D	SF		2	C		25		
0531		31	0325	03271	0349	S14	E02	3752	05	31.3	24	SF					56		F
	LEAR	31	0325	0327	0401	S15	E01	3752	05	31.2	36	SF		3	C		74		F
	PALE	31	0325	0328	0337	S14	E02	3752	05	31.3	12	SF		2	C		39		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Apparent (10 ⁻⁶ Disk)	Measurement Corr (Sq Deg)	Remarks
0532	LEAR	31	0406	0407	0417	S11	E40	3764	06	3.2	11	SN		3	C		30		
0533	KHAR	31	0704		0733D	N19	E90	3762	06	7.2	29D	SF			V	0710			DT
0534		31	07214	0723*	0750	S19	W55	3748	05	27.1	29	SN					47	1.0	K
	KHAR	31	0721E	0723	0750D	S19	W56	3748	05	27.0	29D	SF			V	0723			
	LEAR	31	0721	0726	0751	S20	W56	3748	05	27.0	30	SN		3	C		40		K
	LEAR	31	0721	0733	0751	S20	W56	3748	05	27.0	30	SN		3	C		41		K
	WEND	31	0722	0727	0748	S19	W55	3748	05	27.1	26	SF			C	0727	50	1.0	
	CATA	31	0725	0725	0735D	S19	W55	3748	05	27.1	10D	S			P	0725	56	1.1	
0535		31	0738E	0805	0922D	N19	E90	3762	06	7.2	104D	SF							DT
	KHAR	31	0738E		0752D	N19	E90	3762	06	7.2	14D	SF			V	0740			DT
	KHAR	31	0802E	0805	0922D	N19	E90	3762	06	7.2	80D	SF			V	0805			DT
0536	LEAR	31	0826	0828	0833	N08	E80	3759	06	6.3	7	SF		3	C				
0537	KHAR	31	0945		1016D	N19	E88	3762	06	7.1	31D	SF			V	0945			DT
0538		31	1018	10201	1036	S20	W56	3748	05	27.1	18	SN					44	.9	
	KHAR	31	1013E		1036D	S19	W56	3748	05	27.1	23D	SF			V	1013			
	WEND	31	1018	1020	1033	S19	W56	3748	05	27.1	15	SF			C	1020	44	.9	
	KANZ	31	1018	1021	1040	S21	W57	3748	05	27.0	22	SB		2					
0539	KHAR	31	1030E	1038	1100D	N19	E88	3762	06	7.1	30D	SN			V	1038			DT
0540		31	13015	13056	1316	N08	E79	3759	06	6.5	15	SN							
	KANZ	31	1301	1305	1317	N10	E79	3759	06	6.5	16	SN		2					
	HOLL	31	1306	1311	1315	N07	E79	3759	06	6.5	9	SF		3	C				
0541		31	1317	13193	1341	S11	E35	3764	06	3.2	24	SF					76	1.1	FG
	HOLL	31	1317	1319	1341	S13	E34	3764	06	3.1	24	SF		3	C		65		F
	KANZ	31	1317	1320	1343	S10	E35	3764	06	3.2	26	SF		2					G
	WEND	31	1317	1322	1340	S10	E35	3764	06	3.2	23	SF			C	1322	88	1.1	G
0542		31	13421	1347*	1414	S15	W04	3752	05	31.3	32	SF					56	.5	F
	WEND	31	1342	1349	1359	S15	W04	3752	05	31.3	17	SF			C	1349	50	.5	
	HOLL	31	1343	1347	1401	S14	W04	3752	05	31.3	18	SF		3	C		61		F
	KANZ	31	1343	1416	1443	S16	W04	3752	05	31.3	60	SN		3					
0543		31	13561	1420*	1501	S10	E33	3752B	06	3.1	65	1N					199	2.7	EFG
	RAMY	31	1342E	1425	1425D	S10	E33	3752B	06	3.0	43D	1N		3	C		227		F
	HOLL	31	1356	1434	1501	S10	E33	3752B	06	3.1	65	SF		3	C		152		F
	WEND	31	1357	1420	1457	S10	E33	3762B	06	3.1	60	1N			C	1420	219	2.7	G
	KANZ	31	1357	1435	1506	S09	E32	3752B	06	3.0	69	SN		3					EG
0544		31	14102	14142	1442	S16	W04	3752	05	31.3	32	SN					98	1.3	F
	WEND	31	1410	1416	1445	S15	W04	3752	05	31.3	35	SN			C	1416	119	1.3	
	HOLL	31	1412	1414	1440	S16	W05	3752	05	31.2	28	SF		3	C		76		F
0545	KANZ	31	1602	1606	1610	N10	E80	3759	06	6.7	8	SF		3					
0546		31	1600*	1625*	1659	N09	E76	3759	06	6.4	59	SF							
	RAMY	31	1600	1655	1709	N09	E74	3759	06	6.2	69	SF		3	C				
	HOLL	31	1623	1625	1637	N08	E78	3759	06	6.5	14	SF		3	C				
	HOLL	31	1639	1646	1705	N08	E78	3759	06	6.5	26	SF		3	C				
	KANZ	31	1658	1702	1706	N11	E76	3759	06	6.4	8	SF		3					
0547	HOLL	31	1727	1736	1742	N09	E77	3759	06	6.5	15	SF		3	C				F
0548	PALE	31	1838	1838	1847	N09	E76	3759	06	6.5	9	SF		3	C				
0549		31	1852	18531	1904	S20	W63	3748	05	27.0	12	SB					65		
	HOLL	31	1852	1853	1904	S19	W63	3748	05	27.0	12	SN		3	C		62		
	PALE	31	1852	1854	1904	S20	W63	3748	05	27.0	12	SB		3	C		68		
0550	PALE	31	1927	1929	1935	S09	W05	3752	05	31.4	8	SF		3	C		28		
0551		31	21111	2113	2132	S14	W08	3752	05	31.3	21	SN					77		F
	PALE	31	2111	2113	2136	S14	W09	3752	05	31.2	25	SN		3	C		92		F
	HOLL	31	2112	2113	2129	S14	W08	3752	05	31.3	17	SF		3	C		62		F

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May 82

H - ALPHA SOLAR FLARES

MAY 1982

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0552	PALE	31	2144	2149	2155	N09	E73	3759	06	6.4	11	SN		3	C				F
0553	HOLL	31	2329	2330	2340	N08	E71	3759	06	6.3	11	SF		3	C				

"Remarks":

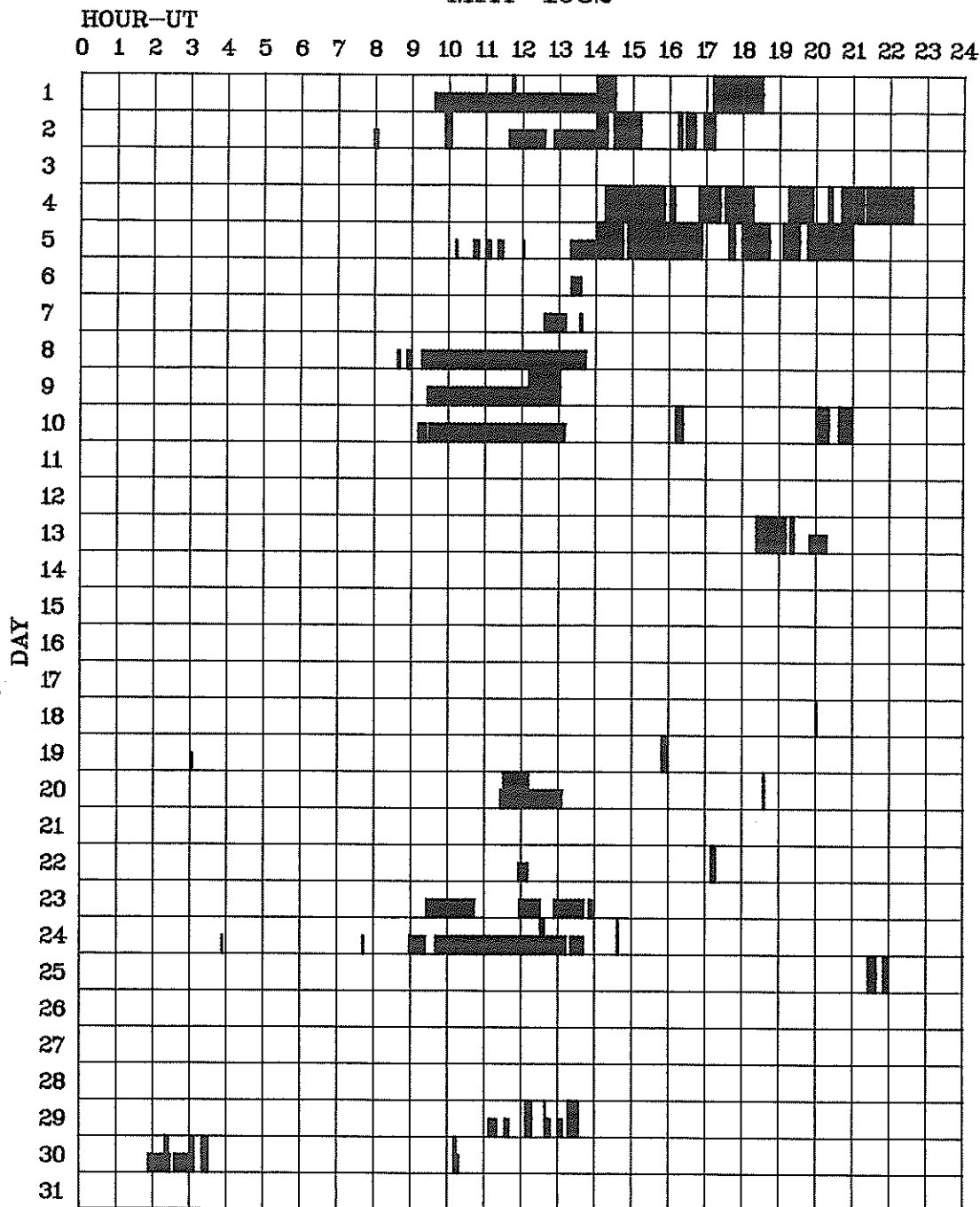
A = Eruptive prominence whose base is less than 90° from central meridian.
B = Probably the end of a more important flare.
C = Invisible 10 minutes before.
D = Brilliant point.
E = Two or more brilliant points.
F = Several eruptive centers.
G = No visible spots in the neighborhood.
H = Flare accompanied by high-speed dark filament.
I = Active region very extended.
J = Distinct variations of plage intensity before or after the flare.
K = Several intensity maxima.
L = Existing filaments show signs of sudden activity.
M = White-light flare.
N = Continuous spectrum shows effects of polarization.

O = Observations have been made in the H and K lines of Ca II.
P = Flare shows helium D3 in emission.
Q = Flare shows Balmer continuum in emission.
R = Marked asymmetry in H-alpha line suggests ejection of high-velocity material.
S = Brightness follows disappearance of filament in same position.
T = Region active all day.
U = Two bright branches, parallel or converging.
V = Occurrence of an explosive phase: important, expansion within roughly 1 minute that often includes a significant intensity increase.
W = Great increase in area after time of maximum intensity.
X = Unusually wide H-alpha line.
Y = System of loop-type prominences.
Z = Major sunspot umbra covered by flare.

INTERVALS OF NO FLARE PATROL OBSERVATION FOR PRECEDING SOLAR FLARE TABLE

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May 82

MAY 1982



Times of no flare patrol, shown here as shaded areas, combine reports from the observatories listed below. Portions of a panel completely shaded mark dates and times of no patrol of any kind, that is, of neither visual nor cinematographic; portions of a panel with only the bottom half shaded mark times of strictly visual patrol.

Abastumani
Athens
Big Bear
Bucharest

Catania
Culgoora
Georgiana
Haute Provence
Holloman

Kanzelhoehe
Kharkov
Learmonth
Lvov
Manila

Mitaka
Monte Mario
Palehua
Peking
Purple Mt.

Ramey
Tashkent
Voroshilov
Wendelstein
Yunnan

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Jun 82

H - ALPHA SOLAR FLARES

JUNE 1982

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF Region			CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Corr (Sq Deg)	Remarks
						Lat	CMD	USAF									Apparent (10-6 Disk)			
0001		01	0315	0317	0324	N10	E70	3759	06	6.4	9	SF					78			DE
	CULG	01	0315	0317	0324	N12	E69	3759	06	6.3	9	SF		C	0317	60				
	PEKG	01	0317E	0317	0322	N08	E69	3759	06	6.3	5D	SN		P	0317	42			E	
	TACH	01	0320E		0325	N10	E72	3759	06	6.5	5D	1F		C	0320	133			D	
0002		01	07582	08052	0823	S10	E23	3752B	06	3.1	25	SN					142	1.6		EGHL
	KANZ	01	0758	0806	0826	S08	E23	3752B	06	3.0	28	SN	3							GL
	WEND	01	0758	0807	0817	S10	E23	3752B	06	3.1	19	SN		C	0807	144	1.6		G	
	CATA	01	0800	0805	0825	S10	E22	3752B	06	3.0	25	S	2	C	0805	140	1.6			
	KIAR	01	0801E		0835D	S11	E24	3752B	06	3.1	34D	SF		C	0806				EH	
0003	KHAR	01	0949E	0950	0956D	N08	E69	3759	06	6.6	7D	SF		V	0949				H	
0004		01	15194	1527	1544	S10	E18	3752B	06	3.0	25	SN					86	1.0		G
	BIGB	01	1519	1527	1548	S10	E19	3752B	06	3.1	29	SN	3	C	1527	90	1.0			
	WEND	01	1523	1527	1540	S10	E18	3752B	06	3.0	17	SN		C	1527	81	.9		G	
0005		01	16431	16475	1706	N09	E66	3759	06	6.6	23	SN					72			
	BIGB	01	1643	1647	1712	N10	E68	3759	06	6.8	29	SN	3	C	1647	80				
	WEND	01	1644	1652	1700	N08	E65	3759	06	6.6	16	SN		C	1652	63				
0006		01	1742	1747*	1836	S15	W20	3752	05	31.2	54	1B					254	2.8		
	BIGB	01	1742	1747	1757D	S15	W19	3752	05	31.3	15D	1N	3	P	1747	200	2.2			
	WEND	01	1742	1757	1815	S15	W21	3752	05	31.1	33	1B		C	1757	263	3.0			
	BIGB	01	1808E	1811	1856	S15	W20	3752	05	31.2	48D	1B	3	P	1811	300	3.3			
0007	BIGB	01	1951	1959	2024	S10	E19	3764	06	3.2	33	SF		3	C	1959	110	1.2		
0008	BIGB	01	2224	2229	2248	N09	E64	3759	06	6.7	24	1N		3	C	2229	90	2.1		
0009	BIGB	01	2358	2411	2415	N07	E60	3759	06	6.5	17	SN		3	C	2411	60	1.2		
0010	PEKG	02	0110E	0112	0125	N09	E59	3759	06	6.5	15D	SN		P	0112	67	1.4		E	
0011	PEKG	02	0112E	0112	0112D	S09	E13	3752B	06	3.0	15D	SN		P	0112	84	.9		EU	
0012	PEKG	02	0138E	0138	0142D	N09	E59	3759	06	6.5	4D	SF		P	0138	42	.8		E	
0013	PEKG	02	0138E	0138	0142	S09	E13	3752B	06	3.0	4D	SN		P	0138	109	1.2		EU	
0014		02	0300	0303	0309	S08	E12	3752B	06	3.0	9	SB					80	.8		EG
	PEKG	02	0300	0303	0307	S09	E11	3752B	06	2.9	7	SB		P	0303	63	.7		E	
	YUNN	02	0305E	0305U	0311	S08	E12	3752B	06	3.0	6D	SN		P	0305	96	1.0		EG	
0015	PEKG	02	0301	0303	0307	N09	E58	3759	06	6.5	6	SN		P	0303	67	1.4		E	
0016	CULG	02	0401	0406	0419	S07	E11	3752B	06	3.0	18	SN		C	0406	60	.6		J	
0017		02	05011	0506	0510	N12	E54	3761	06	6.3	9	1N					77	1.4		DFJ
	ABST	02	0501	0506	0509	N10	E55	3761	06	6.3	8	1N		C	0503	114	2.1		FJ	
	CULG	02	0502	0506	0510	N14	E52	3761	06	6.1	8	SN		C	0506	40	.7		DJ	
0018	KANZ	02	0556	0600	0612	S09	E10	3752B	06	3.0	16	SF		2						G
0019	ABST	02	0612E	0612	0614D	N13	E52	3761	06	6.2	2D	SF		P	0612	87	1.5		D	
0020	ABST	02	0630	0631	0638	S08	E09	3752B	06	2.9	8	SF		C	0631	87	.9		DJV	
0021		02	0655*	07019	0726	S04	W36	3753	05	30.7	31	1N					302	3.8		EFZ
	BUCA	02	0655	0705	0716D	S04	W36	3753	05	30.7	21D	SF		C	0705	129	1.6			
	WEND	02	0658	0704	0730	S04	W35	3753	05	30.8	32	1B		C	0704	350	4.4			
	KANZ	02	0658	0710	0726	S06	W35	3753	05	30.8	28	1N		3						
	PEKG	02	0700E	0701	0711	S04	W36	3753	05	30.7	11D	1N		P	0701	252	3.2		FZ	
	CATA	02	0700	0710	0715D	S05	W38	3753	05	30.5	15D	1		2	P	0710	281	3.7		
	ISTA	02	0706		0736	S04	W37	3753	05	30.6	30	SF								
	KHAR	02	0706E	0706	0736D	S05	W37	3753	05	30.6	30D	2N		P	0709	500	6.4		E	
0022		02	0706E	0728	0734D	S10	E88	3763	06	8.9	28D	SF								T
	KHAR	02	0706E		0723D	S10	E88	3763	06	8.9	17D	SF		V	0710				T	
	KHAR	02	0727E	0728	0734D	S10	E88	3763	06	8.9	7D	SF		V	0728				T	

H - ALPHA SOLAR FLARES

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Jun 82

JUNE 1982

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0023		02	07371	07391	0742	N10	E56	3759	06	6.5	5	SN					44	.8	
	KHAR	02	0737	0739	0745D	N10	E57	3759	06	6.6	8D	SN			V	0739			
	WEND	02	0738	0740	0742	N09	E55	3759	06	6.4	4	SF			C	0740	44	.8	
0024	KHAR	02	0808		0814D	N10	E57	3759	06	6.6	6D	SF			V	0809			
0025		02	0815	0815	0830	S04	W40	3753	05	30.4	15	SF							D
	KHAR	02	0813E	0815	0824D	S04	W41	3753	05	30.4	11D	SF			V	0815			D
	ISTA	02	0815		0830	S03	W40	3753	05	30.4	15	SF							
0026	KHAR	02	0820E	0821	0837D	N18	E29	3758	06	4.5	17D	SF			V	0821			
0027		02	0836	08407	0900	S08	E86	3763	06	8.8	24	1N					177		AT
	KHAR	02	0830E	0840	0900D	S09	E90	3763	06	9.1	30D	SF			V	0840			T
	YUNN	02	0836	0847	0900	S07	E81	3763	06	8.4	24	2N			C		177		A
0028	YUNN	02	0841	0845	0854	S02	W39	3753	05	30.5	13	SN			C		16	.2	E
0029	YUNN	02	0845	0854	0900	N16	E30	3758	06	4.6	15	SN			C		32	.4	DG
0030		02	0916E	0916	0937D	S09	E89	3763	06	9.1	21D	SN							T
	KHAR	02	0916E	0916	0923D	S09	E89	3763	06	9.1	7D	SN			V	0916			T
	KHAR	02	0932E		0937D	S09	E89	3763	06	9.1	5D	SF			V	0934			T
0031	YUNN	02	0917E	0917U	0925	S06	E78	3763	06	8.2	8D	2N			P	0917	193		A
0032		02	0920*	09436	0956	N18	E28	3758	06	4.5	36	SN					40	.5	GHK
	KANZ	02	0920	0943	0959	N18	E28	3758	06	4.5	39	SN		3					G
	KHAR	02	0923E	0949	1000D	N18	E28	3758	06	4.5	37D	SN			V	0949			HK
	YUNN	02	0925	0933U	0933D	N18	E29	3758	06	4.6	8D	SN			P	0933	48	.6	G
	WEND	02	0943	0949	0953	N17	E29	3758	06	4.6	10	SF			C	0949	31	.4	G
0033	KANZ	02	1026	1034	1050	N17	E27	3758	06	4.5	24	SN		3					GL
0034	KHAR	02	1048E	1050	1100D	S09	E90	3763	06	9.2	12D	SF			V	1050			T
0035	KANZ	02	1106	1122	1141	N17	E27	3758	06	4.5	35	SF		3					GL
0036	KHAR	02	1144		1157D	N18	E28	3758	06	4.6	13D	SF			V	1151			L
0037	KHAR	02	1144		1152D	S10	E88	3763	06	9.1	8D	SF			V	1144			ET
0038		02	1225*	13002	1320	N17	E28	3758	06	4.6	55	SB					69	.8	GL
	KANZ	02	1225	1302	1323	N17	E27	3758	06	4.6	58	SB		3					GL
	WEND	02	1253	1300	1318	N17	E28	3758	06	4.7	25	SN			C	1300	69	.8	G
0039	BIGB	02	1443E	1453	1521	S09	E88	3763	06	9.2	38D	1N		3	P	1452	90		
0040		02	1526*	1545*	1617	S08	E81	3763	06	8.7	51	SB					98		
	BIGB	02	1526	1603	1632	S09	E88	3763	06	9.2	66	1B		3	C	1603	120		
	WEND	02	1543	1545	1556	S09	E80	3763	06	8.6	13	SB			C	1545	75		
	KANZ	02	1547	1559	1622	S07	E76	3763	06	8.3	35	SB		3					
0041		02	1643	1644	1658	N12	E49	3759	06	6.4	15	SB					92	1.5	
	WEND	02	1643	1644	1652	N11	E51	3759	06	6.5	9	SB			C	1644	75	1.3	
	BIGB	02	1643	1644	1704	N12	E47	3759	06	6.2	21	SB		3	C	1644	110	1.7	
0042	BIGB	02	1904	1905	1922	S07	E88	3763	06	9.4	18	1N		3	C	1905	90		
0043	BIGB	02	2129	2134	2157	N18	E24	3758	06	4.7	28	SN		3	C	2134	80	.9	
0044	CULG	03	0024	0025	0029	S02	W50	3753	05	30.4	5	SF			C	0025	20	.3	
0045	PURP	03	0045E	0045	0054	N17	E20	3758	06	4.5	9D	SN			C	0045	21	.2	
0046		03	0215*	03291	0348	S09	E74	3763	06	8.6	93	SN					30		DJ
	PEKG	03	0215	0218U	0230D	S10	E73	3763	06	8.6	15D	SF			C	0218	8		D
	PEKG	03	0323	0330	0357	S10	E72	3763	06	8.5	34	SB			P	0330	50		D
	CULG	03	0326	0329	0338	S06	E76	3763	06	8.8	12	SB			C	0329	30		J
	YUNN	03	0334E	0335U	0336D	S09	E76	3763	06	8.8	2D	SN			P	0335	32		D

JUNE 1982

Area Measurement																			
Grp	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0047	CULG	03	0348	0353	0401	S11	E83	3763	06	9.4	13	SF			C	0353	30		
0048	CULG	03	0411	0414	0430	N11	W11	3752A	06	2.3	19	SF			C	0414	40	.4	G
0049		03	0508	0434*	0458	S09	E73	3763	06	8.7	1430	SF					39		DJT
	PEKG	03	0432E	0434	0437	S10	E73	3763	06	8.7	5D	SF			P	0434	42		D
	PEKG	03	0447E	0449	0504	S10	E73	3763	06	8.7	17D	SF			C	0449	34		D
	CULG	03	0508	0510	0514	S06	E73	3763	06	8.7	6	SF			C	0510	40		JT
0050		03	05571	06003	0614	S09	E72	3763	06	8.6	17	SN					58		DEJT
	CULG	03	0557	0601	0613	S06	E73	3763	06	8.7	16	SN			C	0601	30		JT
	ABST	03	0558	0600	0608D	S10	E69	3763	06	8.4	10D	1N			P	0600	105		EJ
	PEKG	03	0601E	0603	0615	S10	E73	3763	06	8.7	14D	SN			C	0603	38		D
0051		03	0701	07043	0713	S10	E75	3763	06	8.9	12	SF					8		D
	KHAR	03	0701E	0704	0707D	S10	E78	3763	06	9.1	6D	SF			V	0704			D
	PEKG	03	0701	0707	0713	S09	E72	3763	06	8.7	12	SF			C	0707	8		D
0052	KHAR	03	0736		0754D	S07	E67	3763	06	8.3	18D	SF			V	0742			E
0053		03	0830	0834*	0910	S09	E72	3763	06	8.7	40	1N	M 2.0				91	3.0	DEFT
	KHAR	03	0813E	0840	0915D	S09	E77	3763	06	9.1	62D	SN			P	0840			D
	YUNN	03	0830	0834	0835D	S08	E74	3763	06	8.9	5D	1N			P		80		
	LEAR	03	0830	0837	0909	S09	E71	3763	06	8.7	39	1B	M 2.0	3	C		122		FE
	MONT	03	0834E	0834	0912	S08	E71	3763	06	8.7	38D	SN			C	0834	110		
	ATHN	03	0834E	0836	0854D	S11	E70	3763	06	8.6	20D	1B			V	0836	127	3.0	
	CATA	03	0845E	0850	0850D	S10	E72	3763	06	8.8	5D	1			P	0850	84		
	PEKG	03	0853E	0854	0908	S10	E71	3763	06	8.7	15D	SN			C	0854	25		DT
0054		03	08231	08282	0837	N17	E16	3758	06	4.6	14	SN					52	.5	E
	YUNN	03	0823	0828	0835	N17	E17	3758	06	4.6	12	SN			C		48	.5	
	LEAR	03	0824	0828	0839	N16	E17	3758	06	4.6	15	SN			C		57		
	KHAR	03	0827E	0830	0840D	N19	E13	3758	06	4.3	13D	SN			V	0830			E
0055		03	1141*	1144*	1248	S09	E71	3763	06	8.8	67	2B	X 8.0				308	7.5	BJ
	KHAR	03	1140E	1144	1213D	S08	E77	3763	06	9.2	33D	2B			P	1144			
	RAMY	03	1141	1148	1326	S09	E72	3763	06	8.9	105	2B	X 8.0	3	C				
	ATHN	03	1143E	1146	1153D	S12	E70	3763	06	8.8	10D	2B			V	1146	286	7.5	
	KANZ	03	1145	1145	1232	S06	E70	3763	06	8.7	47	2B							
	CATA	03	1145	1150	1205D	S09	E70	3763	06	8.7	20D	2			P	1150	337		
0056		03	1201	1201	1227	S10	E68	3763	06	8.6	26	2N			C	1201	300		BJ
	KANZ	03	1145	1145	1149	N08	E74		06	9.0	4	SF				3			
	HOLL	03	1340	1342	1353	S10	E67	3763	06	8.6	13	SF				3	C		25
	HOLL	03	1436	1437	1448	S10	E69	3763	06	8.8	12	SF	C 2.6	3	C		28		F
		03	1442	1443	1450	S08	W06	3764	06	3.2	8	SF					58		F
	RAMY	03	1442	1443	1450	S08	W06	3764	06	3.2	8	SF		3	C		65		F
0059		03	1442	1443	1451	S09	W07	3764	06	3.1	9	SF		3	C		52		F
		03	1452*	15104	1544	S09	E70	3763	06	8.9	52	SB					130		EF
	BIGB	03	1452	1512	1544	S10	E70	3763	06	8.9	52	1B		3	C	1452	110		
	HOLL	03	1500	1512	1513D	S10	E69	3763	06	8.8	13D	SB		3	C		114		FE
	RAMY	03	1505	1510	1511D	S07	E69	3763	06	8.8	6D	SB		3	C		167		FE
	KANZ	03	1514E	1514	1522D	S08	E71	3763	06	8.9	8D	SN		1					
0061		03	1601*	1602*	1638	S08	E62	3763	06	8.3	37	SN	C 2.1				27		FK
	HOLL	03	1601	1602	1619	S07	E64	3763	06	8.5	18	SN		3	C		41		F
	KANZ	03	1611E		1611D	S12	E66	3763	06	8.6	18D	SN		2					
	RAMY	03	1620	1624	1704	S07	E60	3763	06	8.2	44	SN		3	C		30		
	HOLL	03	1624	1624	1634	S08	E61	3763	06	8.2	10	SF	C 2.1	3	C		23		FK
	HOLL	03	1624	1633	1634	S08	E61	3763	06	8.2	10	SF		3	C		13		K
0062		03	1711*	1712*	1800	S08	E62	3763	06	8.4	49	SN	C 6.7				75	1.9	EK
	RAMY	03	1711	1739	1739D	S07	E59	3763	06	8.1	28D	SB		3	C		88		
	HOLL	03	1712	1717	1722	S10	E65	3763	06	8.6	10	SF		3	C		23		
	PALE	03	1714	1739	1815	S07	E61	3763	06	8.3	61	SB	C 6.7	3	C		67		EK
	PALE	03	1714	1749	1815	S07	E61	3763	06	8.3	61	SB		3	C		88		K
	BIGB	03	1736	1742	1803	S10	E60	3763	06	8.2	27	SB		3	C	1742	90	1.9	
	03	1756E	1757U	1807	S10	E69	3763	06	8.9	11D	SF		3	C		96			

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0063		03	1714*	17313	1756	N22	E44	3762	06	7.1	42	SN					49	1.2	
	PALE	03	1714	1731	1807	N23	E44	3762	06	7.1	53	SN			3	C	46		
	BIGB	03	1728	1734	1755	N22	E46	3762	06	7.3	27	SN			3	C	80	1.2	
	RAMY	03	1731	1732	1747	N21	E43	3762	06	7.0	16	SF			3	C	22		
0064	HOLL	03	1811	1817	1820	S07	E68	3763	06	8.8	9	SF			3	C	12		F
0065	PALE	03	2011E	2015	2031D	N18	E10	3758	06	4.6	20D	SN			3	C	35		E
0066	BIGB	03	2056	2059	2131	N10	E49	3759	06	7.5	35	SN			3	C	2059	80	1.3
0067		03	2057*	2106*	2141	S11	E63	3763	06	8.6	44	SN	C 5.2				43		EF
	HOLL	03	2057	2106	2111	S13	E62	3763	06	8.5	14	SF			3	C	27		
	PALE	03	2115E	2118U	2204	S11	E63	3763	06	8.6	49D	SN	C 5.2		3	C	55		E
	HOLL	03	2124	2129	2149	S10	E64	3763	06	8.7	25	SN			3	C	46		F
0068	BIGB	03	2128	2131	2148	N18	E23	3758	06	5.6	20	SB			3	P	2131	100	1.1
0069	PALE	03	2203	2205	2222	N17	E09	3758	06	4.6	19	SF			3	C	60		
0070		03	2249*	2252*	2322	S05	E60	3763	06	8.4	33	SF					36	.8	EJ
	CULG	03	2249	2252	2306	S02	E59	3763	06	8.3	17	SF					60	1.1	J
	HOLL	03	2250	2259	2307	S05	E60	3763	06	8.4	17	SF			3	C	14		
	PALE	03	2257	2303	2339	S03	E61	3763	06	8.5	42	SN			3	C	41		E
	MANI	03	2300E	2300U	2308D	S05	E59	3763	06	8.4	8D	SF			1	V	20	.4	
	HOLL	03	2310	2328	2337	S09	E64	3763	06	8.8	27	SN			3	C	44		
0071		03	2341*	2344*	2733D	S10	E61	3763	06	8.6	232D	SB					118		EFK
	HOLL	03	2341	2344	2524D	S12	E60	3763	06	8.5	103D	SN			3	C	34		K
	HOLL	03	2341	2429	2524D	S12	E60	3763	06	8.5	103D	SB			3	C	131		FEK
	PALE	03	2357	2417	2733D	S08	E62	3763	06	8.6	216D	SB			3	C	85		EFK
	PALE	03	2357	2430	2733D	S08	E62	3763	06	8.6	216D	1B			3	C	221		K
0072	CULG	03	2355	2356	2359	S05	W60	3753	05	30.6	4	SF				C	2356	20	.4
0073		04	0014	00286	0043	S11	E62	3763	06	8.7	29	SB					60	1.2	EFJK
	CULG	04	0014	0028	0043	S08	E61	3763	06	8.6	29	SN				C	0028	80	1.6
	MANI	04	0015E	0015U	0047D	S12	E62	3763	06	8.7	32D	SN			1	V	35	.7	EJK
	MANI	04	0015E	0025U	0047D	S12	E62	3763	06	8.7	32D	SB			1	V	70	1.4	FE
	PURP	04	0025E	0034	0036D	S11	E61	3763	06	8.6	11D	SB				P	0034	57	1.3
0074	PEKG	04	0045E	0047	0100	S09	E60	3763	06	8.5	15D	SN				P	0047	50	1.1
0075	CULG	04	0105	0108	0119	S05	E54	3763	06	8.1	14	SF				C	0108	40	.7
0076		04	0215	02161	0228	S04	E59	3763	06	8.5	13	SN					85	1.7	E
	YUNN	04	0215	0216	0231	S04	E60	3763	06	8.6	16	SN				C	80		E
	CULG	04	0215	0217	0226	S03	E58	3763	06	8.4	11	SN				C	0217	90	1.7
0077		04	0243	02451	0255	S02	W64	3753	05	30.4	12	SN					42	.6	EJ
	CULG	04	0243	0245	0256	S03	W62	3753	05	30.6	13	SN				C	0245	30	.6
	PEKG	04	0244E	0246	0254	S02	W65	3753	05	30.3	10D	SN				P	0246	55	
0078		04	02571	03005	0315	S09	E62	3763	06	8.8	18	SN					107	2.3	FJU
	CULG	04	0257	0300	0316	S08	E62	3763	06	8.8	19	SN				C	0300	80	1.6
	PEKG	04	0257	0303	0314	S10	E63	3763	06	8.8	17	1N				C	0303	176	3.9
	YUNN	04	0258	0305	0315	S08	E62	3763	06	8.8	17	SN				C	64	1.4	F
0079	PEKG	04	0345E	0347	0350	S01	W66	3753	05	30.3	5D	SF				P	0347	46	
0080		04	04079	0423*	0512	N21	E37	3762	06	7.0	65	1N					202	2.8	F
	CULG	04	0407	0423	0525	N21	E36	3762	06	6.9	78	1N				C	0423	160	2.1
	PEKG	04	0416	0439	0500	N21	E38	3762	06	7.1	44	1N				P	0439	244	3.4
0081	CULG	04	0415	0424	0440	N09	W23	3752A	06	2.4	25	SF				C	0424	140	1.5
0082	CULG	04	0450	0453	0517	S18	W32		06	1.8	27	SF				C	0453	40	.5

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0083	CULG	04	0501	0512	0533	S10	E25	3767	06	6.1	32	SN		C		0512	90	1.0	EJ
0084		04	0510*	0514*	0557	S09	E59	3763	06	8.6	47	1B					113	2.2	EFJ
	PEKG	04	0510	0514	0519	S11	E58	3763	06	8.6	9	1B		C		0514	118	2.3	F
	MANI	04	0522E	0523U	0530D	S09	E60	3763	06	8.7	8D	1B	1	V			150	2.8	FE
	YUNN	04	0537E	0538	0540	S08	E59	3763	06	8.6	3D	1B		P			113	2.3	F
	PEKG	04	0538	0548	0604	S09	E59	3763	06	8.7	26	1N		P		0548	252	5.1	F
	CULG	04	0546	0549	0602	S08	E60	3763	06	8.7	16	SN		C		0549	70	1.4	J
	MANI	04	0553E	0555U	0558D	S09	E60	3763	06	8.7	5D	SN	1	V			70	1.3	F
	YUNN	04	0555E	0555U	0605	S08	E60	3763	06	8.7	10D	SB		P		0555	48	1.0	E
	ATHN	04	0600E	0600	0630	S10	E57	3763	06	8.5	30D	SB	3	V		0600	80	1.5	
		04	0629S	0630S	0643	S05	E54	3763	06	8.3	14	SN					110	2.0	DEFJYZ
0085	ABST	04	0627E	0630	0641D	S08	E54	3763	06	8.3	14D	SF		P		0630	87	1.6	EJ
	ATHN	04	0629	0632	0643	S09	E50	3763	06	8.0	14	1B	3	V		0632	127	2.6	
	ABST	04	0631	0631	0641	S04	E54	3763	06	8.3	10	1N		C		0631	157	2.8	DJY
	PEKG	04	0631	0632	0639	S06	E54	3763	06	8.3	8	1B		C		0632	126	2.2	E
	HTPR	04	0632E		0643	S06	E52	3763	06	8.2	11D	SB		C		0635	60	.9	
	CULG	04	0632E	0632U	0636D	S04	E53	3763	06	8.2	4D	SN		P		0632	60	1.0	
	MANI	04	0633E	0636U	0638D	S06	E59	3763	06	8.7	5D	1B	1	V			200	3.7	FZ
	KANZ	04	0634	0634	0649	S04	E53	3763	06	8.2	15	SB	3						
	BUCA	04	0634	0635	0644	S04	E55	3763	06	8.4	10	SN		C		0635	107	1.9	D
	YUNN	04	0639E	0639U	0641D	S05	E55	3763	06	8.4	2D	SN		P		0639	64	1.2	D
0086	KANZ	04	0717	0721	0752	S04	E56	3763	06	8.5	35	SF		3					
0087	KHAR	04	0800		0824D	S04	E61	3763	06	8.9	24D	SF		V		0802			
0088		04	09081	09151	1013	S09	E56	3763	06	8.6	65	1N					129	2.9	EFT
	KANZ	04	0908	0916	0950	S11	E54	3763	06	8.4	42	SF	2						
	HTPR	04	0909E		0937D	S08	E55	3763	06	8.5	28D	SN		C		0912	50	.9	E
	MONT	04	0909	0916	0945	S07	E56	3763	06	8.6	36	SN		C		0916	150		EF
	KHAR	04	0913E		0937D	S07	E61	3763	06	8.9	24D	SF		P		0916	40		E
	ATHN	04	0913E	0916	0952D	S10	E55	3763	06	8.5	39D	1B	3	V		0916	127	2.5	
	CATA	04	0915E	0915	1105	S10	E56	3763	06	8.6	110D	2	2	P		0915	281	5.2	T
0089		04	0925	1002	1029	N18	E01	3758	06	4.5	64	SN							H
	KANZ	04	0925	1002	1029	N18	E02	3758	06	4.5	64	SN	3						
	KHAR	04	1010E		1025D	N18	W00	3758	06	4.4	15D	SF		V		1012			H
0090	KHAR	04	1010		1013D	S11	E60	3763	06	8.9	3D	SF		V		1013	90		H
0091	ATHN	04	1034	1036	1056	S10	E55	3763	06	8.6	22	SB	3	V		1036	64	1.2	
0092		04	1313*	1316*	1342	S10	E54	3763	06	8.6	29	1B					174	3.3	HK
	ATHN	04	1313	1316	1319	S10	E55	3763	06	8.7	6	SB	3	V		1316	32	.6	
	ATHN	04	1313	1330	1358	S10	E55	3763	06	8.7	45	1B	3	V		1330	191	3.7	
	KANZ	04	1324	1336	1420D	S09	E53	3763	06	8.5	56D	2B	2						
	LVOV	04	1326	1332	1349	S10	E55	3763	06	8.7	23	2N		C		1332	300	5.6	HK
0093	BIGB	04	1459	1512	1531	S10	E69	3763	06	9.8	32	1B	3	C		1512	110		
0094	BIGB	04	1601	1603	1623	S07	E64	3763	06	9.5	22	1N	3	C		1603	90	2.1	
0095		04	19116	19157	1942	S10	E52	3763	06	8.7	31	1B					190	3.2	
	BIGB	04	1911	1915	1935	S08	E55	3763	06	8.9	24	1N	3	C		1915	130	2.3	
	BIGB	04	1917	1922	1948	S13	E50	3763	06	8.6	31	1B	3	C		1922	250	4.0	
0096		05	00093	00132	0034	S11	E45	3763	06	8.4	25	SN					122	1.8	JKUZ
	BIGB	05	0009	0015	0040	S12	E45	3763	06	8.4	31	SB	3	C		0015	80	1.2	
	CULG	05	0010	0013	0031	S10	E45	3763	06	8.4	21	SN		C		0013	130	1.8	J
	PEKG	05	0012	0013	0021D	S12	E45	3763	06	8.4	9D	1N		C		0013	168	2.5	UZ
	VORO	05	0012	0014	0030	S10	E45	3763	06	8.4	18	SN		C		0014	108	1.6	JK
0097		05	01223	0128*	0209	S10	E49	3763	06	8.7	47	1B					244	3.8	EFJKZ
	CULG	05	0122	0128	0203	S08	E49	3763	06	8.7	41	1B		C		0128	200	3.0	JK
	VORO	05	0125	0130	0221	S12	E49	3763	06	8.7	56	2B		C		0130	367	5.9	J
	MANI	05	0127E	0131U	0133D	S09	E48	3763	06	8.7	6D	1N	1	V			250	3.9	FZ
	MITK	05	0147E	0148	0202	S13	E50	3763	06	8.8	15D	1N		C		0148	160	2.6	E

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Gp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF				CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement		Remarks
						Region	Mo	Day	Cmd									Apparent (10-6 Disk)	Corr (Sq Deg)	
0098		05	02261	02323	0339	S10	E46	3763	06	8.5	73	1N						187	2.8	FJ
	CULG	05	0226	0234	0521	S08	E49	3763	06	8.8	175	1N		C	0234		160	2.4	J	
	VORO	05	0227	0232	0251	S12	E48	3763	06	8.7	24	1N		C	0232		224	3.4	J	
	YUNN	05	0232E	0235	0245	S10	E42	3763	06	8.3	13D	1N		P			177	2.5	F	
0099		05	02491	02501	0300	S04	E42	3763	06	8.2	11	1N						187	2.6	EHJV
	MITK	05	0249E	0250	0300	S04	E43	3763	06	8.3	11D	1N		C	0250		170	2.4	EH	
	CULG	05	0249	0251	0303	S03	E42	3763	06	8.2	14	1B		C	0251		220	3.1	V	
	VORO	05	0250	0251	0258	S06	E42	3763	06	8.3	8	1N		C	0251		170	2.3	EJ	
0100		05	0306*	0314*	0352	S08	E48	3763	06	8.7	46	2B						502	7.6	FJKTW
	CULG	05	0306	0314	0350	S08	E48	3763	06	8.7	44	1B		C	0314		200	3.0	JKTW	
	YUNN	05	0325	0331	0355	S07	E47	3763	06	8.7	30	2N		C			804	12.2	F	
0101	CULG	05	0412	0417	0429	S05	E48	3763	06	8.8	17	SB		C	0417		80	1.2		
0102	MANI	05	0512E	0514U	0514D	S09	E47	3763	06	8.7	2D	SN		1	V		50	.8	F	
0103		05	06141	06158	0716	S08	E43	3763	06	8.5	62	1N						217	3.0	FJV
	ABST	05	0614	0623	0716	S08	E44	3763	06	8.5	62	1N		C	0623		261	3.8	F	
	CULG	05	0614	0627U	0631D	S07	E45	3763	06	8.6	17D	1B		P	0627		240	3.4	VJ	
	CATA	05	0615E	0615	0645D	S09	E43	3763	06	8.5	30D	1		2	P	0615		169	2.4	
	BUCA	05	0615	0622	0715	S10	E40	3763	06	8.3	60	1N		C	0622		322	4.4		
	ATHN	05	0616E	0618	0715D	S08	E44	3763	06	8.5	59D	SB		3	V	0618		95	1.3	
	KANZ	05	0626E		0718	S08	E44	3763	06	8.6	52D	1N		2						
0104		05	0655		0715	S10	E44	3763	06	8.6	20	2B								FHT
	ISTA	05	0655		0715	S12	E43	3763	06	8.5	20	3B								F
	KHAR	05	0705E		0723D	S09	E45	3763	06	8.7	18D	SN		V	0705					HT
0105		05	07264	07306	0755	S07	E46	3763	06	8.7	29	2B						362	5.5	EFHT
	KANZ	05	0726	0730	0808	S05	E45	3763	06	8.7	42	2B		3						
	ATHN	05	0728E	0730	0747D	S08	E44	3763	06	8.6	19D	1B		3	V	0730		223	3.1	
	ISTA	05	0729		0741	S08	E46	3763	06	8.8	12	3B								F
	CATA	05	0730E	0730	0735D	S08	E47	3763	06	8.8	5D	2		2	P	0730		337	5.1	
	BUCA	05	0730	0732	0755	S07	E48	3763	06	8.9	25	2N		C	0732		537	8.4		
	KHAR	05	0733E	0736	0812D	S05	E47	3763	06	8.8	39D	2N		P	0734		350	5.4	EHT	
0106		05	0809	0817	0857	S04	E41	3763	06	8.4	48	SN					100	1.6	HLT	
	KANZ	05	0809	0817	0857	S03	E40	3763	06	8.3	48	SN		3						L
	KHAR	05	0818E		0833D	S04	E42	3763	06	8.5	15D	SN		P	0822		100	1.6	HT	
0107		05	1000	09582	1010	S08	E46	3763	06	8.9	10	SN					63	1.0	DT	
	KHAR	05	0957E	0958	1007D	S07	E47	3763	06	8.9	10D	SN		P	1001		70	1.1	DT	
	CATA	05	1000	1000	1010	S10	E44	3763	06	8.7	10	S		2	C	1000		56	.8	
0108		05	1030	10304	1042	S06	E42	3763	06	8.6	12	SN						72	1.0	HLT
	KHAR	05	1029E	1032	1053D	S04	E42	3763	06	8.6	24D	1N		V	1032					HLT
	CATA	05	1030	1030	1040	S06	E40	3763	06	8.4	10	S		2	C	1030		112	1.5	
	ATHN	05	1030E	1031	1033	S08	E44	3763	06	8.7	3D	SB		3	V	1031		32	.4	
	KANZ	05	1030	1034	1053	S05	E40	3763	06	8.4	23	SN		1						
0109		05	1152	1159*	1210	S06	E45	3763	06	8.9	18	SN						127	1.8	CLT
	KHAR	05	1110E		1131D	S06	E47	3763	06	9.0	21D	SF		V	1110					CT
	KANZ	05	1152	1159	1203	S04	E45	3763	06	8.8	11	SF		1						L
	ATHN	05	1208E	1210	1218	S08	E44	3763	06	8.8	10D	SB		3	V	1210		127	1.8	
0110		05	1417*	1458*	1559	S09	E42	3763	06	8.7	102	1B						200	2.8	F
	KANZ	05	1417	1516	1535D	S09	E44	3763	06	8.9	78D	2B		2						F
	BIGB	05	1439E	1458	1620	S11	E39	3763	06	8.5	101D	1B		3	C	1458		190	2.5	
	BIGB	05	1513	1516	1538	S08	E44	3763	06	8.9	25	1B		3	C	1516		210	3.0	
0111		05	17212	1739	1822	S10	E38	3763	06	8.6	61	1B M	1.9					198	2.7	EH
	HOLL	05	1721	1739	1824	S10	E38	3763	06	8.6	63	1B M	1.9	3	C		186			EH
	BIGB	05	1723	1739	1820	S10	E38	3763	06	8.6	57	1B		3	C	1739		210	2.7	
0112	HOLL	05	1839	1841	1848	S10	E35	3763	06	8.4	9	SF		3	C		29			F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0113		05	1852*	1855*	2056	S08	E34	3763	06	8.3	124	1B	C 6.0				170	1.8	EFJKU
	HOLL	05	1852	1855	1902	S09	E36	3763	06	8.5	10	SN		3	C		74		F
	HOLL	05	1904	2013	2120	S08	E35	3763	06	8.4	136	1B	C 6.0	3	C		198		UEK
	HOLL	05	1904	2052	2120	S08	E35	3763	06	8.4	136	1B		3	C		280		K
	BIGB	05	1914	2013	2120	S08	E35	3763	06	8.4	126	SB		3	C	2013	190	2.0	EJ
	VORO	05	2054E		2113	S09	E35	3763	06	8.5	19D	1N			P	2056	170	2.1	E
	VORO	05	2111	2114	2122	S06	E30	3763	06	8.1	11	SN			P	2114	108	1.2	E
0114		05	23173	23195	2329	S12	E32	3763	06	8.4	12	SB	M 1.1				156	1.9	E
	BIGB	05	2317	2319	2331	S13	E32	3763	06	8.4	14	SB		3	C	2319	130	1.6	
	CULG	05	2317	2320	2330	S10	E32	3763	06	8.4	13	SB			C	2320	160	1.9	
	VORO	05	2318E	2320	2328	S12	E32	3763	06	8.4	10D	SB			P	2320	116	1.4	
	PEKG	05	2318	2324	2328	S12	E32	3763	06	8.4	10	1N			C	2324	210	2.6	E
	HOLL	05	2320	2320	2330D	S13	E32	3763	06	8.4	10D	SB	M 1.1	3	C		166		E
0115		06	0219	02164	0232	S07	E33	3763	06	8.6	13	SN	C 3.3				57	.8	F
	PEKG	06	0216E	0216	0235	S07	E33	3763	06	8.6	19D	SN			P	0216	84	1.0	F
	LEAR	06	0219	0219	0229	S07	E33	3763	06	8.6	10	SN	C 3.3	3	C		29		F
	PURP	06	0220E	0220	0223D	S07	E32	3763	06	8.5	3D	SF			P	0220	57	.7	
0116		06	0250*	0303*	0351	S10	E30	3763	06	8.4	61	SB	M 1.3				106	1.4	EFJKZ
	LEAR	06	0250	0312	0342	S10	E32	3763	06	8.5	52	SB	M 1.3	3	C		95		FE
	CULG	06	0255	0310	0339	S08	E31	3763	06	8.4	44	SB			C	0310	120	1.4	JKE
	PEKG	06	0301E	0303	0355	S09	E31	3763	06	8.4	54D	SN			C	0303	168	2.0	FZ
	MANI	06	0303E	0308	0337D	S10	E33	3763	06	8.6	34D	SB		1	V		90	1.1	F
	CULG	06	0346	0349	0354	S10	E29	3763	06	8.3	8	SN			C	0349	80	.9	
	LEAR	06	0347	0351	0404	S12	E28	3763	06	8.3	17	SB		3	C		62		FE
	PEKG	06	0349	0350	0352	S12	E29	3763	06	8.3	3	SN			C	0350	126	1.5	E
0117		06	0351	0356	0408	S04	E35	3763	06	8.8	17	SN					94	1.2	EJ
	PEKG	06	0351	0356	0401	S05	E35	3763	06	8.8	10	SN			C	0356	118	1.5	E
	CULG	06	0351	0356	0415	S03	E35	3763	06	8.8	24	SN			C	0356	70	.8	J
0118		06	0423	04252	0434	S08	W36	3764	06	3.5	11	SF					57	.7	EJ
	PEKG	06	0423	0425	0431	S08	W37	3764	06	3.4	8	SF			C	0425	84	1.1	E
	CULG	06	0427E	0427	0437	S09	W34	3764	06	3.6	10D	SF			P	0427	30	.3	J
0119		06	0507*	0509*	0546	S11	E30	3763	06	8.5	39	SN	C 8.5				124	1.9	EFKU
	LEAR	06	0507	0509	0552	S09	E29	3763	06	8.4	45	SN		3	C		50		K
	ABST	06	0507	0528	0548	S10	E30	3763	06	8.5	41	1N			C	0528	218	2.6	F
	LEAR	06	0507	0528	0552	S09	E29	3763	06	8.4	45	SB	C 8.5	3	C		99		FEK
	PEKG	06	0515	0527	0545	S11	E29	3763	06	8.4	30	SN			C	0527	168	2.0	FU
	ABST	06	0520	0525	0535	S16	E35	3763	06	8.9	15	SF			C	0525	87	1.1	FK
0120	LEAR	06	0508	0509	0515	N20	E11	3762	06	7.0	7	SF		3	C		28		
0121	ABST	06	0553	0602	0627	S16	E35	3763	06	8.9	34	SN			C	0602	87	1.1	D
0122		06	06363	0639*	0724	S09	E29	3763	06	8.4	48	SB	C 6.4				100	1.4	EF
	LEAR	06	0636	0639	0720	S09	E29	3763	06	8.4	44	SB	C 6.4	3	C		51		FE
	ATHN	06	0638	0641	0650D	S10	E29	3763	06	8.4	12D	SN		4	V	0641	32	.4	
	ABST	06	0639	0642	0704D	S10	E28	3763	06	8.4	25D	1N			P	0642	218	2.5	E
	KANZ	06	0651E	0651	0727	S07	E29	3763	06	8.4	36D	SB		3					
0123		06	09141	09153	0924	S08	E29	3763	06	8.5	10	SN	C 3.9				38	.6	
	ISTA	06	0914		0922	S09	E31	3763	06	8.7	8	SF							
	KHAR	06	0914E		0932D	S06	E29	3763	06	8.5	18D	SF			V	0917			
	ATHN	06	0914	0916	0921	S11	E32	3763	06	8.8	7	SB		4	V	0916	48	.6	
	KANZ	06	0914	0918	0930	S07	E28	3763	06	8.5	16	SN		3					
	LEAR	06	0915	0915	0918D	S07	E27	3763	06	8.4	3D	SN	C 3.9	3	C		29		
0124	KANZ	06	0946	0954	1001	S09	E26	3763	06	8.3	15	SN		3					
0125		06	1025	1029	1041	S12	E33	3763	06	8.9	16	SF							
	KANZ	06	1025	1029	1041	S11	E30	3763	06	8.7	16	SN		2					
	KHAR	06	1040E		1100D	S13	E34	3763	06	9.0	20D	SF			V	1042			
	KHAR	06	1127E		1130D	S13	E34	3763	06	9.0	3D	SF			V	1129			

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Apparent (10 ⁻⁶ Disk)	Measurement Corr (Sq Deg)	Remarks
0126		06	1104	1108	1116	S08	E24	3763	06	8.3	12	SF							E
	KANZ	06	1104	1108	1116	S07	E26	3763	06	8.4	12	SF		2					
	KHAR	06	1111E		1127D	S08	E23	3763	06	8.2	16D	SF			V	1111			E
0127	KANZ	06	1244	1244	1252	S10	E25	3763	06	8.4	8	SN		2					
0128		06	1327I	13284	1405	S10	E25	3763	06	8.4	38	SN					63	.7	
	ATHN	06	1327	1328	1354	S10	E25	3763	06	8.4	27	SB		4	V	1328	64	.7	
	KANZ	06	1328	1332	1416	S08	E24	3763	06	8.4	48	1N		2					
	WEND	06	1341E		1358D	S12	E26	3763	06	8.5	17D	SN			C	1341	62	.7	
0129		06	1424*	1431*	1550	S10	E25	3763	06	8.5	86	1B M	6.0				329	2.1	EZ
	HOLL	06	1357E	1431	1530	S10	E25	3763	06	8.4	93D	1B M	6.0	2	C		388		E
	KANZ	06	1424	1436	1436D	S08	E24	3763	06	8.4	12D	1B		1					Z
	WEND	06	1424	1437	1528D	S10	E24	3763	06	8.4	64D	SB			C	1437	181	2.0	
	BIGB	06	1436E	1441	1554	S10	E24	3763	06	8.4	78D	1B		3	P	1441	300	3.4	
	BIGB	06	1508	1530	1606	S14	E28	3763	06	8.7	58	SN		3	C	1530	90	1.0	
	RAMY	06	1519E	1522U	1553D	S10	E25	3763	06	8.5	34D	2N		3	C		687		
0130		06	1613*	1617*	1736	S09	E25	3763	06	8.5	83	2B	X12.0				619	3.9	EFU
	HOLL	06	1613	1617	1620	S10	E21	3763	06	8.2	7	SN		2	C		23		F
	BIGB	06	1615	1618	1630	S06	E31	3763	06	9.0	15	SN		3	C	1618	60	.7	
	BIGB	06	1626	1633	1957	S11	E25	3763	06	8.6	211	2B		3	C	1633	620	7.1	
	HOLL	06	1630E	1654U	1912D	S09	E25	3763	06	8.6	162D	3B	X12.0	2	C		1265		UE
	RAMY	06	1632	1649	1654D	S11	E26	3763	06	8.6	22D	2B		3	C		1127		
0131	BIGB	06	1904	1908	1926	S08	E27	3763	06	8.8	22	SN		3	C	1908	100	1.2	
0132	HOLL	06	1921E	1934U	1944	S11	E26	3763	06	8.8	23D	SF		3	C		34		
0133	BIGB	06	2037E	2038	2150	S14	E23	3763	06	8.6	73D	SN		3	P	2038	110	1.2	
0134	BIGB	06	2159	2208	2237	S10	E20	3763	06	8.4	38	SN		3	C	2208	80	.9	
0135	VORO	06	2242		2339	S06	E19	3763	06	8.4	57	SN			P	2245	170	1.8	
0136	MANI	06	2354	2355U	2358D	S12	E20	3763	06	8.5	4D	SN		1	V		40	.4	
0137	PEKG	07	0106	0111	0116	S08	E17	3763	06	8.3	10	SN			P	0111	42	.4	D
0138	CULG	07	0425	0426	0428	S09	E16	3763	06	8.4	3	SF			P	0426	40	.4	J
0139		07	0523	05252	0532	S12	E16	3763	06	8.4	9	SN					76	.8	E
	CULG	07	0523	0525	0530	S12	E16	3763	06	8.4	7	SN			C	0525	60	.7	
	PEKG	07	0523	0527	0535	S13	E16	3763	06	8.4	12	SN			C	0527	92	1.0	E
0140	ISTA	07	0630		0652	S20	E72	3770	06	12.8	22	SF							D
0141	KANZ	07	0717	0721	0725	S12	E14	3763	06	8.3	8	SF		3					
0142		07	07482	07517	0816	S15	E19	3763	06	8.8	28	SN					53	.6	D
	KANZ	07	0748	0751	0807D	S15	E20	3763	06	8.8	19D	SF		3					
	ISTA	07	0750		0808	S14	E20	3763	06	8.8	18	SB							D
	CATA	07	0750	0755	0825	S15	E18	3763	06	8.7	35	S		2	C	0755	56	.6	
	PEKG	07	0758E	0758	0758D	S16	E19	3763	06	8.8	35D	SN			P	0758	50	.6	D
0143		07	08219	0829*	0900	S10	E12	3763	06	8.2	39	1N					394	4.2	DFHKRZ
	PEKG	07	0821	0829	0855	S09	E11	3763	06	8.2	34	1B			C	0829	421	4.5	FKZ
	PEKG	07	0821	0843	0855	S10	E12	3763	06	8.2	34	1N			C	0843	294	3.2	F
	MONT	07	0824	0834	0906	S09	E12	3763	06	8.2	42	1N			C	0834	400		
	KANZ	07	0825E	0829	0854D	S09	E11	3763	06	8.2	29D	1B		2					H
	CATA	07	0825	0830	0855D	S09	E12	3763	06	8.2	30D	2		2	C	0830	478	5.1	H
	ISTA	07	0826		0902	S10	E13	3763	06	8.3	36	3B							FZR
	BUCA	07	0827	0832	0912	S08	E10	3763	06	8.1	45	2N			C	0832	859	9.0	
	ATHN	07	0830	0831	0854	S09	E09	3763	06	8.0	24	1B		4	V	0831	223	2.4	
	ABST	07	0847E	0853	0900	S16	E19	3763	06	8.8	13D	SF			P	0853	87	1.0	D
0144	CATA	07	0928	0928	0940	S13	E16	3763	06	8.6	12	S		2	C	0928	112	1.2	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0145		07	10102	10132	1020	S11	E12	3763	06	8.3	10	SN					65	.8	E
	ATHN	07	1010	1014	1020	S11	E11	3763	06	8.2	10	SB		3	V	1014	32	.3	
	CATA	07	1010	1015	1025	S13	E12	3763	06	8.3	15	S		2	C	1015	112	1.2	
	MONT	07	1012	1013	1016	S09	E12	3763	06	8.3	4	SF			C	1013	50		E
		07	1051		1130	No Flare Patrol													
0146		07	12569	1258*	1426	S09	E11	3763	06	8.4	90	1B	M 4.0				412	2.2	FKZ
	HOLL	07	1241E	1312	1432	S10	E10	3763	06	8.3	111D	1B		3	C		296		K
	HOLL	07	1241E	1334	1432	S10	E10	3763	06	8.3	111D	1B	M 4.0	3	C		462		ZFK
	ATHN	07	1256	1258	1302D	S10	E10	3763	06	8.3	6D	1B		4	V	1258	207	2.2	
	RAMY	07	1305	1317	1419	S09	E12	3763	06	8.4	74	2B		3	C		585		K
	RAMY	07	1305	1347	1419	S09	E12	3763	06	8.4	74	2B		3	C		509		K
0147		07	15211	15241	1539	S13	E12	3763	06	8.5	18	SN					55	.6	F
	HOLL	07	1521	1524	1542	S13	E12	3763	06	8.5	21	SN		3	C		50		F
	BIGB	07	1522	1525	1536	S13	E12	3763	06	8.5	14	SN		3	C	1525	60	.6	
0148		07	16032	16091	1623	S09	E11	3763	06	8.5	20	SB	M 3.5				184	1.9	E
	HOLL	07	1603	1610	1622	S09	E11	3763	06	8.5	19	SB	M 3.5	3	C		189		E
	BIGB	07	1605	1609	1624	S09	E11	3763	06	8.5	19	SB		3	C	1609	180	1.9	
0149		07	1628*	1656	1734	S08	E09	3763	06	8.4	66	1B					203	1.9	EF
	HOLL	07	1628	1656	1741	S08	E09	3763	06	8.4	73	1B		3	C		226		FE
	BIGB	07	1645	1656	1728	S08	E09	3763	06	8.4	43	SB		3	C	1656	180	1.9	
0150		07	1748*	18093	1907	S08	E09	3763	06	8.4	79	SB	C 8.7				202	1.5	EF
	PALE	07	1745E	1809	1931	S07	E09	3763	06	8.4	106D	SB	C 8.7	3	C		179		E
	BIGB	07	1748	1809	1904	S07	E09	3763	06	8.4	76	SB		3	C	1809	140	1.5	
	HOLL	07	1808	1812	1846	S09	E08	3763	06	8.3	38	1B		3	C		286		FE
0151	PALE	07	2018	2025	2031	S07	E07	3763	06	8.4	13	SN		3	C		40		
0152		07	2037	2039	2100	S09	E07	3763	06	8.4	23	SN	C 2.3				70	.9	F
	PALE	07	2037	2039	2059	S09	E07	3763	06	8.4	22	SN	C 2.3	3	C		50		F
	BIGB	07	2037	2039	2101	S09	E07	3763	06	8.4	24	SN		3	C	2039	90	.9	
0153		07	21161	21192	2145	S13	E08	3763	06	8.5	29	SB	C 5.5				161	1.2	EF
	PALE	07	2116	2121	2148	S12	E09	3763	06	8.6	32	1B		3	C		227		E
	BIGB	07	2117	2119	2144	S14	E08	3763	06	8.5	27	SB		3	C	2119	120	1.2	
	HOLL	07	2117	2121	2142	S14	E08	3763	06	8.5	25	SN	C 5.5	3	C		136		F
0154	VORO	07	2248	2251	2259	S08	E06	3763	06	8.4	11	SF			C	2251	72	.8	EJ
0155	CULG	08	0129	0142	0207	S14	E11	3763	06	8.9	38	SN			C	0142	120	1.2	
0156		08	0133	0302*	0405D	S14	E10	3763	06	8.8	152D	1B	C 2.4				210		EFK
	PALE	08	0133	0302	0405D	S14	E10	3763	06	8.8	152D	1B	C 2.4	3	C		237		FEK
	PALE	08	0133	0320	0405D	S14	E10	3763	06	8.8	152D	SB		3	C		184		K
0157	VORO	08	0148		0300D	S09	E04	3763	06	8.4	72D	SN			P	0225	108	1.1	EK
0158	ABST	08	0412E	0416	0516	S07	E08	3763	06	8.8	64D	SF			P	0416	114	1.2	EJ
0159		08	0549*	0546*	0633	S08	E05	3763	06	8.6	44	SN					141	1.5	BEFJ
	ABST	08	0540E	0546	0611	S09	E04	3763	06	8.5	31D	SF			P	0546	96	1.0	EJ
	ABST	08	0546E	0551	0611D	S07	E08	3763	06	8.8	25D	SN			P	0551	140	1.5	E
	CULG	08	0549	0551	0609	S07	E09	3763	06	8.9	20	SB			C	0551	160	1.6	
	MANI	08	0555E	0556	0602	S10	E11	3763	06	9.1	7D	SN		1	V		130	1.4	F
	ATHN	08	0600E	0603	0610D	S09	E05	3763	06	8.6	10D	SN		4	V	0603	111	1.2	
	HTPR	08	0614E		0656	S09	E02	3763	06	8.4	42D	SF			C	0635	80	.8	E
	ISTA	08	0615		0648	S09	E03	3763	06	8.5	33	1N							F
	CATA	08	0625E	0630	0655	S09	E02	3763	06	8.4	30D	S		2	P	0630	169	1.8	
	KANZ	08	0628E		0653	S09	E02	3763	06	8.4	25D	SN		3					B
	KHAR	08	0630E		0646D	S08	E01	3763	06	8.3	16D	1N			P	0638	240	2.5	E
0160	ISTA	08	0624		0627	N20	E90	3772	06	15.1	3	SF							D

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	Remarks
0161	KHAR	08	0714		0720D	N21	E90	3772	06	15.2	6D	SF			V	0715			
0162		08	08396	08445	0851	S10	E00	3763	06	8.4	12	SF					25	.2	E
	HTPR	08	0839	0844	0849	S06	W04	3763	06	8.1	10	SF			C	0844	20	.2	E
	HTPR	08	0844	0844	0852	S12	E02	3763	06	8.5	8	SF			C	0845	30	.3	E
	KANZ	08	0845	0849	0852	S13	E02	3763	06	8.5	7	SF		2					
0163	HTPR	08	0910	0911	0916	S08	W02	3763	06	8.2	6	SF			C	0911	20	.2	
0164	HTPR	08	1005	1006	1010	S08	W02	3763	06	8.3	5	SF			C	1006	30	.3	
0165	HTPR	08	1137	1202	1220	S07	E05	3763	06	8.8	43	SF			C	1202	40	.4	E
0166	HTPR	08	1215	1216	1227	S07	W04	3763	06	8.2	12	SN			C	1216	80	.8	E
0167	HTPR	08	1322		1329D	S14	W02	3763	06	8.4	7D	SB			C	1324	50	.5	
0168	BIGB	08	1609	1612	1636	S07	W05	3763	06	8.3	27	SN		3	C	1612	90	.9	
0169		08	1746	1747	1756	N18	E89	3772	06	15.5	10	SF					60		
	PALE	08	1746	1747	1755	N19	E89	3772	06	15.5	9	SF		3	C				
	BIGB	08	1746	1747	1756	N18	E89	3772	06	15.5	10	SF		3	C	1747	60		
0170		08	17551	1803	1828	S07	W09	3763	06	8.1	33	1B M 1.0					351	2.7	EFU
	PALE	08	1755	1803	1900D	S07	W09	3763	06	8.1	65D	1B M 1.0	3	C			398		UF
	BIGB	08	1756	1803	1833	S07	W09	3763	06	8.1	37	1B	3	C		1803	260	2.7	
	HOLL	08	1802E	1802U	1823	S08	W09	3763	06	8.1	21D	1B	3	C			395		UE
0171		08	1958	2004	2042	S11	W09	3763	06	8.1	44	1B M 1.2					298	2.1	EF
	HOLL	08	1957E	2004	2108D	S11	W10	3763	06	8.1	71D	1B M 1.2	3	C			359		FE
	BIGB	08	1958	2004	2044	S11	W10	3763	06	8.1	46	1B	3	C		2004	200	2.1	
	PALE	08	2004E	2004U	2040	S10	W08	3763	06	8.2	36D	1B	3	C			334		FE
0172		08	2110	2112*	2118	S10	W10	3763	06	8.1	8	SN					63	.7	
	PALE	08	2110	2112	2115	S10	W10	3763	06	8.1	5	SN		3	C		56		
	BIGB	08	2110	2122	2122	S10	W10	3763	06	8.1	12	SN		3	C	2112	70	.7	
0173	PALE	08	2124	2126	2129	S12	E90	3773	06	15.7	5	SF		3	C				
0174		08	22182	2221	2237	N19	E83	3772	06	15.3	19	SN					70		
	BIGB	08	2218	2221	2243	N19	E83	3772	06	15.3	25	SN		3	C	2221	70		
	PALE	08	2220	2221	2231	N19	E83	3772	06	15.3	11	SN		3	C				
0175		08	23353	23423	2424	S07	W01	3763	06	8.9	49	1B M 3.4					392	3.6	EFU
	HOLL	08	2335	2344	2442D	S06	W02	3763	06	8.8	67D	2B	3	C			558		UF
	PALE	08	2337	2342	2344D	S07	W02	3763	06	8.8	7D	1B	3	C			402		UF
	BIGB	08	2337	2342	2437	S07	E02	3763	06	9.1	60	1B	3	C		2342	300	3.1	
	MANI	08	2337E	2344	2401D	S07	E02	3763	06	9.1	24D	1N M 3.4	1	V			400	4.2	FE
	CULG	08	2337	2344	2417	S06	W02	3763	06	8.8	40	1B		C		2344	360	3.6	EF
	MITK	08	2338	2345	2418	S07	W02	3763	06	8.8	40	1B		C		2345	330	3.4	E
0176		09	0230	0233	0237	S12	E84	3773	06	15.4	7	1N					20		
	CULG	09	0230	0233	0237	S11	E82	3773	06	15.3	7	SF			C	0233	20		
	MANI	09	0233E	0233U	0237D	S12	E86	3773	06	15.6	4D	1N		1	V				
0177		09	0410	04122	0418	S04	E63	3771	06	13.9	8	SF					64	.8	FJ
	ABST	09	0406E	0412	0420	S06	E64	3771	06	14.0	14D	SF			P	0412	87		FJ
	CULG	09	0410	0414	0416	S01	E62	3771	06	13.8	6	SF			C	0414	40	.8	
0178	ABST	09	0436	0444	0447	N17	E80	3772	06	15.3	11	1N			C	0444	87		FJ
0179		09	0537	0544	0622	S18	E48	3770	06	12.9	45	SF					65	1.0	D
	ABST	09	0537	0544	0607	S15	E50	3770	06	13.0	30	SF			C	0544	70	1.2	D
	HTPR	09	0551E		0636	S20	E45	3770	06	12.7	45D	SF			C	0556	60	.8	
0180	HTPR	09	0551		0613	S13	W04	3763	06	8.9	22	SF			C	0554	60	.6	E
0181	KHAR	09	0712		0716D	N21	E83	3772	06	15.7	4D	SF			V	0712			D

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks	
						Region										Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0182		09	0712		0730D	S19	E40	3770	06	12.3	18D	SF							DH	
	KHAR	09	0712E		0723D	S16	E41	3770	06	12.4	11D	SF		P	0712			DH		
	KHAR	09	0718E		0730D	S22	E40	3770	06	12.4	12D	SF		V				D		
0183		09	07264	0727*	0807	S07	W07	3763	06	8.8	41	1N					352	3.8	EFLT	
	KHAR	09	0724E	0727	0808D	S07	W07	3763	06	8.8	44D	1N		P	0735	350	3.7	EL		
	KHAR	09	0724E	0727	0808D	S07	W07	3763	06	8.8	44D	1N		P	0727	350	3.7	EL		
	BUCA	09	0726	0729	0755	S05	W07	3763	06	8.8	29	1N		C	0729	430	4.5			
	HTPR	09	0727	0733	0821	S05	W07	3763	06	8.8	54	1B		C	0733	350	3.5	EV		
	MANI	09	0728	0730	0755	S08	W04	3763	06	9.0	27	1B	1	V		370	3.8	FE		
	ATHN	09	0728	0730	0819	S09	W05	3763	06	8.9	51	1B	2	V	0730	382	4.0			
	KHAR	09	0730E		0756D	S10	W12	3763	06	8.4	26D	SF		P	0732			ET		
	KHAR	09	0730E		0756D	S10	W11	3763	06	8.5	26D	SF		P	0732			ET		
	CATA	09	0730	0735	0815	S06	W09	3763	06	8.6	45	1	2	C	0735	337	3.5			
	MONT	09	0742E	0742	0756	S05	W05	3763	06	8.9	14D	1N		C	0742	250				
	0184		09	0818	0821	0827	S10	W13	3763	06	8.4	9	SF					30	.3	E
KHAR		09	0818E		0828D	S10	W12	3763	06	8.4	10D	SF		V	0818			E		
HTPR		09	0818	0821	0827	S10	W14	3763	06	8.3	9	SF		C	0821	30	.3			
0185		09	0818E	0840U	0844D	S18	E44	3770	06	12.7	26D	SF					60	.9		
	KHAR	09	0818E		0836D	S16	E41	3770	06	12.4	18D	SF		V	0818					
	MANI	09	0839E	0840U	0844D	S19	E47	3770	06	12.9	5D	SF	1	V		60	.9			
0186	KHAR	09	0844E	0845	0849D	S10	E80	3773	06	15.4	5D	SF		V	0845				D	
0187	KHAR	09	0936		0942D	S10	W12	3763	06	8.5	6D	SF		P	0936				DLT	
0188		09	0955	10007	1018	S07	W17	3763	06	8.1	23	SF					63	.6	E	
	KHAR	09	0955E		1025D	S07	W16	3763	06	8.2	30D	SF		P	0959	60	.6	E		
	CATA	09	0955	1000	1020	S06	W17	3763	06	8.1	25	S	2	C	1000	112	1.2			
	HTPR	09	0958E		1001	S07	W19	3763	06	8.0	3D	SF		C	0958	20	.2			
	HTPR	09	0958E		1032	S06	W17	3763	06	8.1	34D	SF		C	1003	60	.6	E		
	KANZ	09	0959E	1007	1020	S08	W15	3763	06	8.3	21D	SN	2							
0189		09	10291	10323	1052	S10	W14	3763	06	8.4	23	SN					56	.6	DELT	
	KHAR	09	1029E		1055D	S10	W12	3763	06	8.5	26D	SN		P	1032	60	.7	ELT		
	MONT	09	1029	1032	1046	S10	W14	3763	06	8.4	17	SF		C	1032	50		D		
	CATA	09	1030	1033	1055	S09	W14	3763	06	8.4	25	S	2	C	1033	56	.6			
	HTPR	09	1030	1035	1056	S10	W15	3763	06	8.3	26	SN		C	1035	60	.6			
0190	MONT	09	1044	1050	1050D	S15	E68	3773	06	14.6	6D	SF		C	1050	50			E	
0191	KHAR	09	1047		1100D	S10	E80	3773	06	15.5	13D	SF		V	1047				H	
0192		09	11253	11254	1132	S09	W14	3763	06	8.4	7	SN					57	.6	LTZ	
	KHAR	09	1124E	1125	1157D	S11	W12	3763	06	8.6	33D	SF		P	1125			LT		
	HTPR	09	1125		1135D	S10	W15	3763	06	8.3	10D	SN		C	1129	80	.8			
	HTPR	09	1128	1129	1132	S06	W11	3763	06	8.6	4	SF		C	1129	50	.5	Z		
	HTPR	09	1140E		1203D	S10	W16	3763	06	8.3	23D	SN		C	1140	40	.4			
0193	HTPR	09	1200		1203D	S12	E80	3773	06	15.5	3D	SN		C	1203	40				
0194		09	1214	12189	1231	S08	W15	3763	06	8.4	17	SN					97	1.0	EFK	
	HOLL	09	1214	1218	1231	S07	W14	3763	06	8.5	17	SB	2	C		75		FEK		
	HOLL	09	1214	1227	1231	S07	W14	3763	06	8.5	17	SN	2	C		125		K		
	KHAR	09	1218E		1322D	S11	W18	3763	06	8.1	64D	SF		P	1218	90	1.0	E		
0195	RAMY	09	1318	1321	1410	S10	W15	3763	06	8.4	52	SN		3	C		57			F
0196		09	1413*	15135	1526	S10	W16	3763	06	8.4	73	SN	C 5.1				36			
	RAMY	09	1413	1513	1520	S10	W16	3763	06	8.4	67	SB	C 5.1	3	C		50			
	HOLL	09	1510	1518	1533	S09	W16	3763	06	8.4	23	SF		3	C		22			
0197	HOLL	09	1714	1714	1718	S19	E37	3770	06	12.5	4	SF		3	C		24			
0198		09	18362	1845	1904	S11	E73	3773	06	15.3	28	1N					70			
	RAMY	09	1836	1845	1904	S11	E73	3773	06	15.3	28	SN		3	C					
	BIGB	09	1838	1845	1904	S11	E73	3773	06	15.3	26	1N		3	C	1845	70			

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0199		09	18371	18371	1854	S09	W17	3763	06	8.5	17	SN	C 3.2				50	.8	F
	RAMY	09	1837	1837	1853	S09	W17	3763	06	8.5	16	SN	C 3.2	3	C		31		F
	BIGB	09	1838	1838	1856	S09	W17	3763	06	8.5	18	SN		3	C	1838	70	.8	
0200	HOLL	09	1921	1922	1934	N17	E68	3772	06	15.0	13	SF		3	C		29		
0201		09	2212*	2225*	2332	S09	W20	3763	06	8.4	80	1B	M 2.0				259	2.5	EFJK
	HOLL	09	2212	2225	2432D	S08	W21	3763	06	8.3	140D	1B		3	C		234		K
	HOLL	09	2212	2327	2432D	S08	W21	3763	06	8.3	140D	1B	M 2.0	3	C		210		FEK
	PALE	09	2220	2232	2414D	S09	W20	3763	06	8.4	114D	1B		1	C		460		FE
	CULG	09	2221	2249	2310D	S10	W19	3763	06	8.5	49D	1B			P	2249	280	3.0	F
	VORO	09	2222	2248	2325	S10	W20	3763	06	8.4	63	1B			C	2248	188	2.1	EJK
	MITK	09	2243E	2249	2339	S10	W20	3763	06	8.4	56D	1N			C	2249	320	3.6	E
	MANI	09	2327	2329	2345D	S10	W21	3763	06	8.4	18D	SN		1	V		120	1.3	F
0202	PEKG	10	0028E	0028U	0033	S07	W16	3763	06	8.8	5D	SF			P	0028	109	1.2	E
0203		10	00535	00592	0120	S10	W22	3763	06	8.4	27	2B	M 5.6				619	6.6	EFIJV
	HOLL	10	0053	0100	0136D	S08	W22	3763	06	8.4	43D	2B	M 5.6	3	C		631		FE
	MANI	10	0055	0059	0115	S10	W22	3763	06	8.4	20	2B		1	V		675	7.6	FE
	CULG	10	0057	0059	0116	S10	W21	3763	06	8.5	19	2B			C	0059	510	5.6	VFIE
	MITK	10	0057	0101	0135	S10	W22	3763	06	8.4	38	2N			C	0101	480	5.4	E
	VORO	10	0058	0059	0113	S10	W22	3763	06	8.4	15	2B			C	0059	717	7.9	J
	PALE	10	0058	0059	0204D	S10	W21	3763	06	8.5	66D	2B		1	C		700		FE
0204		10	0214	02153	0226	S09	W21	3763	06	8.5	12	SN	C 6.1				111	1.3	DEFJ
	VORO	10	0214	0215	0226	S08	W22	3763	06	8.4	12	SN			C	0215	81	.9	DJ
	CULG	10	0214	0216	0228	S09	W21	3763	06	8.5	14	SN			C	0216	130	1.4	F
	PEKG	10	0216E	0216	0224	S09	W22	3763	06	8.4	8D	SN			C	0216	177	2.0	E
	MANI	10	0216E	0218	0225D	S10	W21	3763	06	8.5	9D	SB		1	V		70	.8	FE
	PALE	10	0218E	0218U	0309D	S10	W21	3763	06	8.5	51D	SB	C 6.1	1	C		100		FE
0205		10	02444	02503	0308	S11	W27	3763	06	8.1	24	SN					118	1.3	DEJ
	CULG	10	0244	0250	0307	S11	W27	3763	06	8.1	23	SB			C	0250	90	1.0	
	VORO	10	0248		0300D	S10	W26	3763	06	8.2	12D	SN			P	0250	108	1.2	DJ
	MITK	10	0248	0250	0312	S12	W27	3763	06	8.1	24	SN			C	0250			D
	PEKG	10	0251E	0253	0306	S10	W28	3763	06	8.0	15D	SN			P	0253	156	1.8	E
0206		10	0317	03202	0324	S18	E32	3770	06	12.6	7	SN					50	.6	EF
	CULG	10	0317	0320	0323	S18	E31	3770	06	12.5	6	SN			C	0320	50	.6	F
	PEKG	10	0320E	0322	0325	S19	E32	3770	06	12.6	5D	SF			P	0322	50	.6	E
0207	PEKG	10	0349	0352	0408	S08	W23	3763	06	8.4	19	1N			P	0352	189	2.1	F
0208	PEKG	10	0429E	0429	0429D	S09	W23	3763	06	8.5	19D	1N			P	0429	210	2.4	F
0209	PEKG	10	0450	0453	0500	S09	W23	3763	06	8.5	10	1N			C	0453	193	2.2	F
0210	HTPR	10	0617	0622	0635	N19	E66	3772	06	15.3	18	SF			C	0622	20	.4	
0211		10	05221	0523	0532	S21	E28	3770	06	12.4	10	SF					94	1.2	DJ
	ABST	10	0522	0523	0534	S22	E28	3770	06	12.4	12	SF			C	0523	87	1.1	DJ
	CULG	10	0523	0523	0529	S20	E27	3770	06	12.3	6	SF			C	0523	100	1.2	
0212		10	0605*	0545*	0642	S08	W24	3763	06	8.4	37	1N					253	2.8	BEFJTUZ
	PEKG	10	0544E	0545	0547	S09	W24	3763	06	8.4	3D	1N			P	0545	202	2.3	F
	HTPR	10	0557E		0559D	S08	W26	3763	06	8.3	2D	1F			C	0558	250	2.7	TU
	BUCA	10	0600E	0617	0705	S09	W25	3763	06	8.4	65D	1N			P	0617	430	4.9	
	PEKG	10	0605	0610	0625	S10	W24	3763	06	8.4	20	1N			C	0610	235	2.7	FT
	HTPR	10	0607E		0704	S08	W26	3763	06	8.3	57D	1N			C	0615	250	2.7	TU
	CULG	10	0611E	0613	0615D	S08	W23	3763	06	8.5	4D	1B			P	0613	200	2.2	JFE
	ATHN	10	0617	0623	0641	S07	W22	3763	06	8.6	24	1B		2	V	0623	207	2.3	
	ISTA	10	0625E		0707	S08	W24	3763	06	8.5	42D	1N							BZ
	CATA	10	0630E	0630	0635D	S08	W24	3763	06	8.5	5D	1		2	P	0630	253	2.9	
0213		10	07282	07323	0751	S13	W22	3763	06	8.6	23	SN					84	1.0	E
	HTPR	10	0728	0732	0747	S13	W22	3763	06	8.6	19	SF			C	0732	60	.7	E
	BUCA	10	0730		0750	S14	W21	3763	06	8.7	20	SN			C	0735	107	1.2	E
	CATA	10	0730	0735	0755	S13	W22	3763	06	8.6	25	S		2	C	0735	84	1.0	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
						Lat	CMD	Region								Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0214	KANZ	10	0844	0844	0901	S09	W25	3763	06	8.5	17	SF		2					
0215	HTPR	10	0925	0935	0944	S20	W28		06	8.2	19	SF			C	0935	60	.7	E
0216		10	1002	10046	1028	S12	W28	3763	06	8.3	26	SF					43	.5	E
	HTPR	10	1002	1004	1031	S12	W28	3763	06	8.3	29	SF			C	1004	30	.3	E
	CATA	10	1010E	1010	1025	S12	W29	3763	06	8.2	150	S		2	P	1010	56	.7	
0217		10	1007	10102	1015	N16	E60	3772	06	15.0	8	SN					43	.9	
	HTPR	10	1007	1012	1015	N16	E61	3772	06	15.0	8	SN			C	1012	30	.6	
	CATA	10	1010E	1010	1015	N15	E60	3772	06	15.0	50	S		2	P	1010	56	1.2	
0218		10	11043	11073	1118	S20	E27	3770	06	12.5	14	SF					40	.4	E
	HTPR	10	1104	1107	1111	S18	E30	3770	06	12.7	7	SF			C	1107	30	.3	E
	HTPR	10	1107	1110	1125	S21	E24	3770	06	12.3	18	SF			C	1110	50	.5	E
0219		10	11364	11434	1219	S07	W22	3763	06	8.8	43	1B					287	2.5	EF
	HTPR	10	1136	1144	1210	S07	W23	3763	06	8.8	34	S8			C	1144	120	1.2	E
	ATHN	10	1139	1143	1209	S08	W20	3763	06	9.0	30	1B		2	V	1143	286	3.2	
	CATA	10	1140	1145	1145D	S07	W23	3763	06	8.8	50	1		2	P	1145	281	3.2	
	RAMY	10	1147E	1147	1237	S07	W23	3763	06	8.8	500	1B		3	C		460		FE
0220		10	1309	1310	1314	S20	E24	3770	06	12.4	5	SF	C 3.6				28	.3	
	RAMY	10	1309	1310	1313	S20	E24	3770	06	12.4	4	SF	C 3.6	3	C		26		
	HTPR	10	1309	1310	1315	S19	E24	3770	06	12.4	6	SF			C	1310	30	.3	
0221		10	13102	13113	1322	N18	E59	3772	06	15.0	12	SF					50	1.0	E
	HTPR	10	1310	1311	1323	N17	E58	3772	06	14.9	13	SF			C	1311	50	1.0	E
	WEND	10	1312	1314	1320	N18	E60	3772	06	15.1	8	SF			C	1314	50	1.1	
0222	HTPR	10	1340	1349	1403	N17	E58	3772	06	15.0	23	SF			C	1349	40	.8	E
0223	HTPR	10	1340	1420	1435	S10	W28	3763	06	8.5	55	SF			C	1420	30	.3	E
0224	HOLL	10	1501	1504	1516	N17	E58	3772	06	15.0	15	SN	C 4.3	3	C		43		
0225	HOLL	10	1502	1508	1519	S07	W29	3763	06	8.4	17	SF		3	C		45		F
0226	HOLL	10	1643	1645	1655	N22	W51	3762	06	6.8	12	SF		3	C		32		
0227		10	17137	1713*	1754	S19	E21	3770	06	12.3	41	SF					56		EFK
	HOLL	10	1713	1713	1747	S20	E21	3770	06	12.3	34	SF		3	C		25		K
	HOLL	10	1713	1737	1747	S20	E21	3770	06	12.3	34	SF		3	C		68		FK
	PALE	10	1720	1739	1808	S18	E22	3770	06	12.4	48	SF		3	C		76		E
0228		10	1720	1722	1741	S14	E62	3773	06	15.4	21	SN					64		
	HOLL	10	1720	1722	1728	S14	E62	3773	06	15.4	8	SF		3	C		53		
	PALE	10	1720	1722	1754	S13	E61	3773	06	15.3	34	SN		3	C		75		
0229		10	17552	1800	1814	S14	E63	3773	06	15.5	19	SB					104		
	PALE	10	1755	1800	1815	S13	E63	3773	06	15.5	20	SB		3	C		127		
	HOLL	10	1757	1800	1813	S15	E63	3773	06	15.5	16	SN		3	C		81		
0230		10	1802*	18316	2111	S10	W35	3763	06	8.1	189	SB	M 1.9				134		EFKZ
	PALE	10	1802	1831	1907D	S10	W35	3763	06	8.1	65D	SB	M 1.9	3	C		129		ZFK
	PALE	10	1802	1837	1907D	S10	W35	3763	06	8.1	65D	SB		3	C		148		K
	HOLL	10	1830	1831	2111	S10	W35	3763	06	8.1	161	SB		3	C		125		ZE
0231	PALE	10	1819	1820	1827	S18	E21	3770	06	12.4	8	SN		3	C		34		
0232		10	18351	18401	1850	S13	E60	3773	06	15.3	15	SB					46		F
	PALE	10	1835	1840	1852	S12	E59	3773	06	15.2	17	SB		3	C		50		
	HOLL	10	1836	1841	1849	S14	E61	3773	06	15.4	13	SN		3	C		43		F
0233	HOLL	10	2002	2002	2011	S14	E64	3773	06	15.7	9	SF		3	C		13		
		10	2026		2033	No Flare Patrol													
		10	2116		2127	No Flare Patrol													

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks											
						Lat	CMD	Region								Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)												
0234	CULG	10	2317	2320	2336	S18	E14	3770	06	12.0	19	SF		C		2320	40	.4												
0235	CULG	11	0215	0216	0221	S11	W34	3763	06	8.5	6	SN		C		0216	20	.2												
0236	CULG	11	0344	0347	0354	S10	W69	3767	06	6.0	10	SF		C		0347	30		J											
0237		11	0430	0432	0439	S14	W34	3763	06	8.6	9	SN					101	1.3	EFJ											
	ABST	11	0429E	0433	0439D	S15	W34	3763	06	8.6	10D	SN		P		0433	122	1.6	FJ											
	CULG	11	0430	0432	0439	S14	W33	3763	06	8.7	9	SN		C		0432	80	1.0	EJ											
0238	LEAR	11	0432	0435	0448	S07	W36	3763	06	8.5	16	SN		3	C		109													
0239	CULG	11	0457	0504	0513	S10	E57	3773	06	15.5	16	SF		C		0504	70	1.3	J											
0240		11	0635*	0644	0727	S10	W38	3763	06	8.4	52	1N					25		F											
	ISTA	11	0635		0830	S09	W38	3763	06	8.4	115	2N							F											
	LEAR	11	0643	0644	0656	S10	W38	3763	06	8.4	13	SN		3	C		25		F											
	KANZ	11	0645	0645	0656	S12	W37	3763	06	8.5	11	SF		2					F											
0241	KANZ	11	0645	0656	0700	S10	W71	3767	06	5.9	15	SN		2																
0242	ISTA	11	0655		0805	S08	E14		06	12.3	70	SF																		
0243	KANZ	11	0708	0716	0740	S18	W16	3763A	06	10.1	32	SF		2																
0244	KANZ	11	0744	0817	0825	S08	W74	3767	06	5.8	41	SF		2																
0245	KANZ	11	0807	0810	0817	S12	W39	3763	06	8.4	10	SF		2																
0246		11	11065	11144	1136	S10	W39	3763	06	8.5	30	SB					80	1.0												
	KANZ	11	1106	1118	1138	S11	W40	3763	06	8.4	32	SN		2																
	ATHN	11	1111	1114	1134	S08	W38	3763	06	8.6	23	SB		3	V	1114	80	1.0												
0247	KANZ	11	1201	1210	1214	S07	W37	3763	06	8.7	13	SF		2																
0248	HTPR	11	1211		1221	S05	E31	3771	06	13.8	10	SF		C		1215	40	.4												
0249	HTPR	11	1216	1221	1227	S10	W76	3767	06	5.8	11	SN		C		1221	50													
0250	HOLL	11	1345	1348	1354	S19	E05	3770	06	11.9	9	SN		3	C		77		F											
0251	HOLL	11	1456	1500	1520	S08	W48	3763	06	8.0	24	1B M 3.6	3	C			303		FU											
0252	HOLL	11	1628	1630	1650	S07	W44	3763	06	8.4	22	SN		3	C		43													
			1725		1727	No Flare Patrol																								
0253	HOLL	11	1821	1823	1837	S09	W47	3763	06	8.2	16	SF	C 6.6	3	C		26													
			1838		1844	No Flare Patrol																								
0254	HOLL	11	1854	1855	1903	S09	W47	3763	06	8.2	9	SF		3	C		29		F											
			1907		1914	No Flare Patrol																								
			1926		2110	No Flare Patrol																								
0255		11	2118*	2121*	2145	S09	W46	3763	06	8.4	27	SF					64													
	HOLL	11	2118	2121	2127	S12	W46	3763	06	8.4	9	SF		3	C		71													
	HOLL	11	2128	2131	2135	S08	W46	3763	06	8.4	7	SF		3	C		64													
	HOLL	11	2138	2144	2214	S08	W47	3763	06	8.4	36	SF		3	C		58													
0256	VORO	11	2124	2125	2127	S18	E12	3770	06	12.8	3	SN		C		2125	45	.5	E											
0257	CULG	11	2328E	2329U	2330D	S20	E05	3770	06	12.4	2D	SN		P		2329	50	.6												
0258		12	0059	0101	0108	S20	E05	3770	06	12.4	9	SN					60	.6	D											
	VORO	12	0059	0101	0107	S21	E04	3770	06	12.3	8	SN		C		0101	90	1.0	D											
	CULG	12	0100E	0100U	0110	S20	E06	3770	06	12.5	10D	SN		P		0100	30	.3												

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Apparent (10-6 Disk)	Measurement Corr (Sq Deg)	Remarks
0259	CULG	12	0153	0156	0201	N10	E83	3776	06	18.3	8	SF			C	0156	30		
0260		12	0237*	0250	0300	N16	E81	3776	06	18.2	23	SB M 1.2					92		EF
	LEAR	12	0237	0250	0307	N15	E81	3776	06	18.2	30	SB M 1.2	3	C					FE
	VORO	12	0247		0300D	N15	E80	3776	06	18.2	13D	1B		P		0249	143		E
	CULG	12	0249E	0249U	0254	N17	E82	3776	06	18.3	5D	SN		P		0249	40		
0261	ABST	12	0426	0431	0440	S15	E44	3773	06	15.5	14	SN			C	0431	87	1.3	D
0262	LEAR	12	0427	0430	0501	N06	E59	3774	06	16.6	34	SF		3	C		19		
0263		12	04333	04343	0502	S18	E04	3770	06	12.5	29	SN					84	.9	EFV
	ABST	12	0433	0434	0500	S18	E03	3770	06	12.4	27	SN		C		0434	87	.9	EV
	LEAR	12	0436	0437	0504	S19	E05	3770	06	12.6	28	SN		3	C		81		F
0264	LEAR	12	0454	0454	0459	N09	E84	3776	06	18.5	5	SF		3	C				
0265		12	0512	0514*	0600	N10	E85	3776	06	18.6	48	1B X 3.6					126		EFKY
	LEAR	12	0512	0514	0633D	N10	E83	3776	06	18.4	81D	SN		3	C		37		K
	ABST	12	0512	0529	0600	N06	E90	3776	06	18.9	48	2N			C	0529	262		FK
	LEAR	12	0512	0544	0633D	N10	E83	3776	06	18.4	81D	1B X 3.6	3	C					YFK
	CULG	12	0530E	0530U	0601U	N14	E85	3776	06	18.6	31U	1B		P		0530	80		EY
0266	HTPR	12	0720		0731D	S13	W50	3763	06	8.5	11D	SF			C	0730	20	.3	
0267		12	0745E	0750	0810D	S12	W52	3763	06	8.4	25D	SF					48	.8	E
	CATA	12	0745E	0750	0810D	S11	W53	3763	06	8.3	25D	S		2	P	0750	56	1.0	
	HTPR	12	0747E		0753D	S13	W50	3763	06	8.5	6D	SF			C	0750	40	.6	E
0268	HTPR	12	0809		0831D	S12	W48	3763	06	8.7	22D	SF			C	0815	30	.4	E
0269		12	08464	0853	0900	N18	E35	3772	06	15.0	14	SF					110	1.4	E
	HTPR	12	0846		0913D	N18	E35	3772	06	15.0	27D	SN			C	0854	60	.7	E
	ISTA	12	0850		0900	N17	E36	3772	06	15.1	10	SF							
	KHAR	12	0850E	0853	0927D	N18	E34	3772	06	14.9	37D	1F		P		0853	160	2.1	E
0270	HTPR	12	0931		0948D	S13	W40	3763	06	9.4	17D	SB			C	0938	50	.8	E
0271		12	0940	0940	0945	S12	W50	3763	06	8.6	5	SF					92	1.6	E
	KHAR	12	0937E	0940	0950D	S13	W49	3763	06	8.7	13D	SF			P	0940	100	1.7	E
	CATA	12	0940	0940	0945	S12	W50	3763	06	8.6	5	S		2	C	0940	84	1.4	
0272		12	1015*	10208	1107	N10	E85	3776	06	18.8	52	1B					84		EL
	KHAR	12	1013E	1028	1100D	N10	E85	3776	06	18.8	47D	SB			P	1028			EL
	CATA	12	1015	1020	1025D	N07	E80	3776	06	18.4	10D	1		2	P	1020	84		
	ATHN	12	1025	1027	1107	N12	E90	3776	06	19.2	42	B		3	V	1027			
0273		12	1111	11134	1154	N11	E89	3776	06	19.2	43	SB							EHL
	ATHN	12	1111	1113	1154	N12	E90	3776	06	19.2	43	B		3	V	1113			
	KHAR	12	1117E	1117	1148D	N10	E88	3776	06	19.1	31D	SB			P	1117			EHL
0274		12	1128E	1135	1156D	S08	W51	3763	06	8.6	28D	SF					106	1.8	EH
	KHAR	12	1128E	1135	1156D	S08	W51	3763	06	8.6	28D	SF			P	1133	100	1.7	EH
	CATA	12	1135E	1135	1145D	S07	W51	3763	06	8.7	10D	S		2	P	1135	112	1.9	
0275	KHAR	12	1156		1200D	N07	E55	3774	06	16.6	4D	SF			P				D
0276	RAMY	12	1239E	1301	1348	S13	W54	3763	06	8.4	69D	SF		3	C		83		
0277	RAMY	12	1302	1303	1313	N19	E34	3772	06	15.1	11	SF		3	C		21		
0278	HOLL	12	1307	1333	1345	N09	E76	3776	06	18.2	38	SF		3	C		38		F
0279	ATHN	12	1332	1333	1350	N12	E89	3776	06	19.3	18	B		3	V	1333			
0280		12	1356*	1357*	1409	S13	W54	3763	06	8.5	13	SF					25		
	RAMY	12	1356	1357	1405	S13	W54	3763	06	8.5	9	SF		3	C		20		
	RAMY	12	1407	1410	1413	S13	W54	3763	06	8.5	6	SF		3	C		30		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Apparent (10-6 Disk)	Measurement Corr (Sq Deg)	Remarks
0281		12	14489	14534	1500	S11	W54	3763	06	8.5	12	SN	C 9.5				27		
	HOLL	12	1448	1453	1455	S11	W54	3763	06	8.5	7	SF		3	C		28		
	HOLL	12	1457	1457	1504	S11	W54	3763	06	8.6	7	SN	C 9.5	3	C		26		
0282		12	1454	14552	1519	N08	E79	3776	06	18.5	25	SN					50		
	HOLL	12	1454	1455	1507	N08	E80	3776	06	18.6	13	SN		3	C				
	BIGB	12	1454	1457	1531	N08	E78	3776	06	18.5	37	SN		3	C	1457	50		
0283	HTPR	12	1517	1526	1533	S12	W54	3763	06	8.6	16	SF			C	1526	20	.3	
0284		12	1536	15373	1556	N15	E74	3776	06	18.2	20	1N					120		EF
	HOLL	12	1536	1537	1539D	N14	E76	3776	06	18.4	3D	1N		3	C				F
	HTPR	12	1536	1540	1556	N16	E71	3776	06	18.0	20	1N			C	1540	120		E
0285		12	1547*	1619*	1920	N10	E80	3776	06	18.7	213	1B M	3.4				186		K
	RAMY	12	1547	1622	2040	N11	E78	3776	06	18.5	293	1B M	3.4	3	C				K
	RAMY	12	1547	1907	2040	N11	E78	3776	06	18.5	293	2N		3	C		293		K
	HOLL	12	1613	1619	1647	N09	E83	3776	06	18.9	34	SN		3	C				
	BIGB	12	1854	1858	1911	N07	E79	3776	06	18.7	17	SB		3	C	1858	80		
0286	HTPR	12	1554	1603	1627	S12	E55	3773	06	16.8	33	SF			C	1603	30	.5	
0287	HTPR	12	1626	1635	1650	N09	E85	3776	06	19.1	24	SF			C	1635	10		
0288		12	1736	17372	1849	N10	E89	3776	06	19.4	73	1N					90		F
	BIGB	12	1736	1737	1849	N10	E88	3776	06	19.3	73	SN		3	C	1737	90		
	HOLL	12	1736	1739	1739D	N09	E90	3776	06	19.5	3D	1N		3	C				F
0289	BIGB	12	1954	1958	2059	N11	E88	3776	06	19.4	65	SB		3	C	1958	90		
0290		12	20088	20162	2032	S12	W58	3763	06	8.5	24	SN					34		
	RAMY	12	2008	2018	2040	S13	W58	3763	06	8.5	32	SN		3	C		49		
	HOLL	12	2016	2016	2025	S11	W57	3763	06	8.5	9	SN		3	C		20		
0291	RAMY	12	2042	2045	2047D	S08	W59	3763	06	8.4	5D	SN		3	C		91		
0292		12	2135*	2151*	2217	N10	E81	3776	06	19.0	42	SN					89		DJK
	BIGB	12	2135	2151	2241	N11	E86	3776	06	19.4	66	SB		3	C	2151	70		
	HOLL	12	2148	2151	2153	N09	E78	3776	06	18.8	5	SF		3	C				
	VORO	12	2155	2203	2226	N11	E90	3776	06	19.7	31	1N			C	2203	108		DJK
	HOLL	12	2158	2205	2207	N09	E78	3776	06	18.8	9	SF		2	C				
	PALE	12	2217E	2217U	2228D	N11	E76	3776	06	18.6	11D	SN		2	C				
0293		12	2314	2318	2324	S11	W58	3763	06	8.6	10	SN					46	1.5	
	PALE	12	2314	2318	2324	S08	W61	3763	06	8.4	10	SF		2	C		13		
	BIGB	12	2314	2318	2325	S14	W56	3763	06	8.7	11	SB		3	C	2318	80	1.5	
0294		12	2323	2325	2348	N11	E80	3776	06	19.0	25	SN					99		DJ
	PALE	12	2314E	2321U	2335	N11	E77	3776	06	18.8	21D	SN		2	C				
	VORO	12	2323	2325	2332	N11	E85	3776	06	19.4	9	1N			C	2325	99		DJ
	PALE	12	2337E	2405U	2417	N11	E77	3776	06	18.8	40D	SN		2	C				
0295	PALE	12	2340E	2359U	2417D	S14	E19	3773	06	14.4	37D	SF		2	C		58		
0296		12	2343	2400	2412	S12	W60	3763	06	8.5	29	SF					29		F
	HOLL	12	2343	2400	2412	S11	W60	3763	06	8.5	29	SF		3	C		41		F
	PALE	12	2359E	2406U	2412D	S13	W60	3763	06	8.5	13D	SF		2	C		17		
0297	HOLL	13	0004	0005	0009	N09	E75	3776	06	18.6	5	SN		3	C				
0298		13	00248	00363	0046	N10	E78	3776	06	18.9	22	1N					100		
	HOLL	13	0024	0039	0042	N09	E76	3776	06	18.7	18	SF		3	C				
	BIGB	13	0032	0036	0051	N10	E80	3776	06	19.0	19	1N		3	C	0036	100		
0299	HOLL	13	0036	0042	0053	S18	W09	3770	06	12.3	17	SF		3	C		22		
0300	HOLL	13	0053	0054	0058	N10	E73	3776	06	18.5	5	SF		3	C		11		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	Region	NOAA/ USAF Mo	CMP Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement (10-6 Disk)	Apparent Corr (Sq Deg)	Remarks
			13 0246		0249			No Flare Patrol											
0301	PEKG	13	0255	0259U	0301	S17	W11	3770	06	12.3	6	SN			C	0259	50	.6	E
			13 0326		0329			No Flare Patrol											
			13 0339		0357			No Flare Patrol											
0302	CULG	13	0358E	0358U	0400U	N13	E76	3776	06	18.9	2U	SN			P	0358	40		
			13 0403		0416			No Flare Patrol											
0303		13	0421	0424	0430	S10	W60	3763	06	8.7	9	1N					106	2.2	E
	CULG	13	0409E	0409U	0409D	S10	W59	3763	06	8.7	9D	SB			P	0409	80	1.6	
	ABST	13	0421	0424	0430	S10	W60	3763	06	8.7	9	1F			C	0424	131	2.8	E
0304	ABST	13	0420	0424	0444	S18	W11	3770	06	12.3	24	SN			C	0424	87	.9	DK
0305	ABST	13	0422	0424	0430	S18	W03	3770	06	12.9	8	SF			C	0424	87	.9	D
0306		13	04541	04565	0525	N09	E72	3776	06	18.6	31	1N M 1.0					131		FV
	LEAR	13	0454	0501	0520	N10	E75	3776	06	18.8	26	SN M 1.0	3		C				F
	ABST	13	0455	0456	0530	N08	E70	3776	06	18.4	35	1N			C	0456	131		FV
0307		13	06121	0614	0616	S16	W14	3770	06	12.2	4	SN					30	.3	E
	CULG	13	0612	0614	0615	S15	W13	3770	06	12.3	3	SN			P	0614	30	.3	
	ISTA	13	0613		0618	S18	W15	3770	06	12.1	5	SF							E
0308	PEKG	13	0729E	0731U	0741	S14	E15	3773	06	14.4	12D	SF			P	0731	55	.6	E
0309	CATA	13	0740E	0800	0805D	S04	E06	3771	06	13.8	25D	S		2	P	0800	56	.6	
0310	CATA	13	0805	0805	0805D	N12	E45	3774	06	16.7	25D	S		2	P	0805	28	.4	
0311	KHAR	13	0930E	0931	0939D	N12	E77	3776	06	19.2	9D	SF			P	0931			D
0312		13	0934*	09464	1112	N10	E73	3776	06	18.9	98	2B					359		E
	ATHN	13	0934	0946	1114	N10	E76	3776	06	19.1	100	2B		3	V	0946	382		
	KHAR	13	0945E		1217D	N11	E73	3776	06	18.9	152D	2B			P	0948	300		E
	CATA	13	0945	0950	1110	N09	E71	3776	06	18.7	85	S		2	C	0950	394		
0313	KHAR	13	0937		0947D	N29	E85		06	20.1	10D	SF			V	0939			H
0314	KHAR	13	1123		1128D	S11	E85		06	19.9	5D	SF			V	1124			L
0315	KHAR	13	1131E	1134	1144D	N12	E46	3774	06	16.9	13D	SF			V	1134			H
0316		13	1132	11341	1156	S12	W65	3763	06	8.6	24	1N					111	2.4	
	ATHN	13	1132	1134	1156	S10	W63	3763	06	8.7	24	1N		3	V	1134	111	2.4	
	KHAR	13	1134E	1135	1142D	S14	W67	3763	06	8.4	8D	SF			V	1135			
0317		13	1231*	1232*	1245	N10	E66	3776	06	18.5	14	SN					25		
	RAMY	13	1231	1232	1233	N11	E65	3776	06	18.4	2	SF		3	C		21		
	RAMY	13	1242	1244	1257	N09	E67	3776	06	18.5	15	SN		3	C		29		
0318		13	14034	14071	1436	S12	W66	3763	06	8.6	33	SN C 7.5					82		F
	HOLL	13	1403	1408	1436	S11	W65	3763	06	8.7	33	SN C 7.5	3		C		90		F
	RAMY	13	1407	1407	1436	S13	W67	3763	06	8.5	29	SN		3	C		74		
0319	HOLL	13	1418	1419	1429	S18	W13	3770	06	12.6	11	SF		3	C		43		
0320		13	14442	14471	1506	N18	E60	3776A	06	18.2	22	SN					51	1.5	
	BIGB	13	1444	1448	1503	N19	E61	3776A	06	18.3	19	SN		3	C	1448	70	1.5	
	HOLL	13	1446	1447	1509	N16	E59	3776A	06	18.1	23	SN		3	C		32		
0321	HOLL	13	1448	1452	1504	N10	E40	3774	06	16.6	16	SF		3	C		34		
0322	BIGB	13	1458	1503	1530	N13	E74	3776	06	19.2	32	SN		3	C	1503	90		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF				CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Area Measurement			Remarks	
						Lat	CMD	Region									Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0323		13	15073	15108	1526	S12	W66	3763	06	8.6	19	SN							56		
	BIGB	13	1507	1510	1526	S13	W66	3763	06	8.6	19	SN			3	C	1510	90			
	HOLL	13	1510	1518	1525	S11	W67	3763	06	8.6	15	SF			3	C		22			
0324	HOLL	13	1521	1543	1614	N10	E39	3774	06	16.6	53	SF			3	C		28			
0325	HOLL	13	1630	1631	1642	N18	E19	3772	06	15.1	12	SF			3	C		48			
0326	HOLL	13	1652	1656	1707	S07	W69	3763	06	8.5	15	SF			3	C		66	F		
0327		13	17011	17011	1715	N08	E38	3774	06	16.5	14	SB						134	E		
	RAMY	13	1701	1701	1718	N09	E37	3774	06	16.5	17	SB			3	C		165			
	HOLL	13	1702	1702	1712	N07	E38	3774	06	16.5	10	SB			3	C		102	E		
0328	RAMY	13	1707	1710	1726	N14	E62	3776	06	18.4	19	SF			3	C		26			
0329	RAMY	13	1709	1719	1734	S20	W17	3770	06	12.4	25	SF			3	C		50			
0330		13	1818	18193	1904	N12	E60	3776	06	18.3	46	1B M 2.1						102	EF		
	HOLL	13	1818	1819	1904	N12	E60	3776	06	18.3	46	SB M 2.1			3	C		61	FE		
	RAMY	13	1822E	1822	1829D	N12	E59	3776	06	18.2	7D	1B			3	C		143	FE		
0331	BIGB	13	1835E	1835	1851D	N12	E60	3776	06	18.3	16D	1B			3	P	1835	170	3.5		
0332	HOLL	13	1911	1911	1918	N07	E36	3774	06	16.5	7	SF			3	C		31			
0333	HOLL	13	1922	1925	1931	S15	E07		06	14.3	9	SF			3	C		27			
0334	HOLL	13	1924	1924	1929	S19	W14	3770	06	12.7	5	SF			3	C		30			
0335		13	1958	2007	2014	S12	W68	3763	06	8.7	16	SN						66	F		
	PALE	13	1942E	1946U	2006D	S13	W68	3763	06	8.7	24D	SN			2	C		94			
	HOLL	13	1958	2007	2014	S11	W68	3763	06	8.7	16	SN			3	C		38	F		
0336	HOLL	13	2025	2030	2031	N18	E19	3772	06	15.3	6	SF			3	C		20			
0337	HOLL	13	2025	2026	2029	S19	W19	3770	06	12.4	4	SF			3	C		27			
		13	2038		2043	No Flare Patrol															
0338		13	2054*	2055*	2119	S11	W69	3763	06	8.7	25	SN C 9.5						47	EF		
	HOLL	13	2054	2055	2100	S11	W69	3763	06	8.7	6	SF			3	C		16	F		
	HOLL	13	2102	2105	2125	S11	W69	3763	06	8.7	23	1B C 9.5			3	C		110	FE		
	HOLL	13	2127	2127	2132	S11	W69	3763	06	8.7	5	SF			3	C		14	F		
0339		13	2147	2148*	2218	S11	W72	3763	06	8.5	31	1B M 3.2						79	DEFJK		
	VORO	13	2146E	2148	2206	S12	W73	3763	06	8.4	20D	1N			P		2148	90	DJK		
	HOLL	13	2147	2149	2222	S11	W71	3763	06	8.6	35	SB M 3.2			3	C		45	FEK		
	BIGB	13	2147	2149	2223	S11	W71	3763	06	8.6	36	1B			3	C	2149	110			
	HOLL	13	2147	2202	2222	S11	W71	3763	06	8.6	35	SN			3	C		71	K		
0340		13	22072	22111	2216	N10	E66	3776	06	18.9	9	1N						93	DJ		
	VORO	13	2207	2211	2217	N12	E67	3776	06	19.0	10	1N			C		2211	125	DJ		
	HOLL	13	2209	2212	2216	N09	E65	3776	06	18.8	7	SN			3	C		61			
0341		13	22292	22301	2234	S19	W17	3770	06	12.6	5	SN						42	.7	H	
	MANI	13	2229	2230	2233D	S19	W19	3770	06	12.5	4D	SN			1	V		60	.7		
	HOLL	13	2231	2231	2234	S19	W15	3770	06	12.8	3	SF			3	C		25	H		
0342		13	22503	2252*	2304	S12	W70	3763	06	8.7	14	1N						71			
	HOLL	13	2250	2252	2300	S12	W70	3763	06	8.7	10	SF			3	C		52			
	BIGB	13	2253	2302	2308	S12	W70	3763	06	8.7	15	1B			3	C	2302	90			
0343		13	2326	2328*	2411	N09	E62	3776	06	18.6	45	1N M 2.1						118	3.1	FKZ	
	HOLL	13	2326	2328	2438	N08	E62	3776	06	18.6	72	SN M 2.1			3	C		54		ZF	
	BIGB	13	2326	2332	2438	N08	E62	3776	06	18.6	72	SN			3	C	2332	90	1.9		
	PEKG	13	2335E	2336	2344	N09	E61	3776	06	18.6	9D	1N			C		2336	118		FK	
	PEKG	13	2335E	2401	2344	N10	E62	3776	06	18.6	9D	1N			C		2401	210		4.3	F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0344	HOLL	13	2358	2359	2404	S11	W70	3763	06	8.7	6	SF		3	C		41		
0345		14	0009*	0030*	0056	S12	W73	3763	06	8.5	47	2B	C 6.8				269		DEFJ
	HOLL	14	0009	0033	0052	S12	W71	3763	06	8.6	43	2B		3	C		359		FE
	BIGB	14	0009	0034	0047	S13	W77	3763	06	8.2	38	1N		3	C	0034	130		
	PEKG	14	0014E	0030U	0035D	S12	W74	3763	06	8.4	21D	2B			P	0030	484		F
	PALE	14	0017E	0035U	0117D	S13	W71	3763	06	8.6	60D	2B		2	C		341		
	VORO	14	0025	0030	0040	S14	W74	3763	06	8.4	15	2B			C	0030	287		DJ
	HOLL	14	0117	0120	0123	S11	W71	3763	06	8.7	6	SF	C 6.8	3	C		11		
0346		14	00538	01031	0110	N10	E58	3776	06	18.4	17	SB					85	1.7	DE
	PALE	14	0009E	0055U	0117D	N10	E60	3776	06	18.5	68D	SB		2	C		125		
	HOLL	14	0053	0104	0112	N08	E58	3776	06	18.4	19	SB		3	C		42		
	VORO	14	0101	0103	0107	N11	E57	3776	06	18.3	6	SN			C	0103	81	1.5	D
	PEKG	14	0101E	0103	0110	N09	E59	3776	06	18.5	9D	SB			C	0103	92	1.9	E
0347		14	0017E	0017	0108	N20	E16	3772	06	15.2	51D	SF					28		K
	PALE	14	0017E	0017	0108	N20	E16	3772	06	15.2	51D	SF		2	C		26		K
	PALE	14	0017E	0055U	0108	N20	E16	3772	06	15.2	51D	SF		2	C		29		K
0348	PALE	14	0017E	0055U	0117D	S23	E33	3779	06	16.5	60D	SF		2	C		36		
0349	PALE	14	0035E	0045U	0059D	S13	E18	3773	06	15.4	24D	SF		2	C		47		
0350	VORO	14	0038	0038	0044	N17	E55	3776	06	18.2	6	SN			C	0038	81	1.5	D
0351		14	0135*	0136*	0146	S09	W77	3763	06	8.3	11	SN	M 1.1				56		D
	PEKG	14	0135E	0135U	0142	S11	W75	3763	06	8.4	7D	SN			P	0135	76		D
	HOLL	14	0135	0136	0139	S10	W72	3763	06	8.6	4	SN		3	C				
	LEAR	14	0138E	0138U	0152	S12	W73	3763	06	8.6	14D	SN	M 1.1	3	C				
	PEKG	14	0143	0144	0151	S07	W80	3763	06	8.1	8	SN			C	0144	50		D
	PEKG	14	0151	0156	0201D	S04	W85	3763	06	7.7	10D	SF			P	0156	42		D
0352		14	01411	01422	0155	N08	E59	3776	06	18.5	14	SN					60	1.9	E
	PEKG	14	0141	0144	0146	N08	E59	3776	06	18.5	5	SN			C	0144	92	1.9	E
	LEAR	14	0142	0142	0204	N09	E59	3776	06	18.5	22	SN		3	C		29		
0353	PEKG	14	0207	0209	0212	N09	E58	3776	06	18.4	5	SN			C	0209	97	1.9	E
0354		14	0216	0223	0240	S12	W74	3763	06	8.5	24	SN					52		EJ
	PEKG	14	0216	0223	0245	S10	W77	3763	06	8.3	29	SN			C	0223	55		E
	CULG	14	0218U	0223	0236	S15	W70	3763	06	8.8	18U	SF			P	0223	50		EJ
0355	PEKG	14	0252	0253	0259	N10	E65	3776	06	19.0	7	SN			P	0253	50		E
0356		14	03171	03201	0326	S14	W74	3763	06	8.5	9	SN					88		D
	PEKG	14	0317	0320	0324	S13	W74	3763	06	8.5	7	SN			C	0320	88		D
	LEAR	14	0318	0321	0327	S14	W74	3763	06	8.5	9	SN		3	C				
0357		14	03381	03391	0342	N10	E56	3776	06	18.3	4	SN					56	1.2	D
	CULG	14	0338	0339	0342	N12	E56	3776	06	18.4	4	SN			C	0339	50	.9	
	LEAR	14	0339	0340	0343	N09	E56	3776	06	18.3	4	SN		3	C		35		
	PEKG	14	0340E	0340	0342	N09	E57	3776	06	18.4	2D	SN			P	0340	84	1.6	D
0358	CULG	14	0352E	0358U	0416	S08	W78	3763	06	8.3	24D	SF			P	0358	30		J
0359	PEKG	14	0412E	0412	0412D	N11	E63	3776	06	18.9	24D	SN			P	0412	46	1.1	D
0360	PEKG	14	0423E	0423	0429	S09	W77	3763	06	8.4	6D	SF			P	0423	50		E
0361		14	04561	0501*	0536	S12	W76	3763	06	8.5	40	1N	M 1.9				79		EFJKW
	CULG	14	0456	0501U	0525U	S15	W72	3763	06	8.7	29U	1B			P	0501	80		JW
	PEKG	14	0456	0507	0513	S12	W76	3763	06	8.5	17	1F			C	0507	126		E
	LEAR	14	0457	0501	0547	S13	W77	3763	06	8.4	50	1B	M 1.9	3	C				FEK
	LEAR	14	0457	0509	0547	S13	W77	3763	06	8.4	50	1N		3	C				K
	YUNN	14	0520E	0532	0535	S10	W77	3763	06	8.4	15D	SN			P		32		E
0362	CULG	14	0552	0554	0557	S20	W17	3770	06	12.9	5	SN			C	0554	20	.2	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0363		14	05564	05573	0608	N13	E57	3776	06	18.5	12	SN					39	.7	
	CULG	14	0556	0557	0608	N13	E61	3776	06	18.8	12	SN			C	0557	30	.6	
	CULG	14	0600	0600	0607	N15	E54	3776	06	18.3	7	SN			C	0600	30	.5	
	CATA	14	0600E	0600	0610	N12	E55	3776	06	18.4	100	S		2	P	0600	56	1.0	
0364		14	06169	0625*	0724	N09	E61	3776	06	18.8	68	2B					360	8.2	BEFJRYZ
	ABST	14	0616	0627	0713D	N08	E62	3776	06	18.9	57D	3F			P	0627	611		FJ
	PEKG	14	0622E	0628	0720	N08	E61	3776	06	18.8	58D	3B			P	0628	715	16.6	FZ
	YUNN	14	0623	0625	0631D	N09	E62	3776	06	18.9	8D	1N			P		161	3.6	FRY
	LEAR	14	0624	0625	0726	N09	E61	3776	06	18.8	62	1B		3	C		289		FE
	CATA	14	0625	0630	0635D	N08	E62	3776	06	18.9	10D	3		2	P	0630	590	13.0	
	MANI	14	0625E	0632	0632D	N10	E65	3776	06	19.1	7D	2B		1	V		300	6.1	FE
	CULG	14	0625E	0632U	0637D	N11	E59	3776	06	18.7	12D	1B			P	0632	240	4.8	E
	ISTA	14	0635E		0721	N10	E63	3776	06	19.0	46D	3B							FZ
	CATA	14	0655E	0655	0720D	N09	E62	3776	06	18.9	25D	1		2	P	0655	225	5.0	
	MONT	14	0718E	0718	0731	N09	E59	3776	06	18.7	13D	SN			C	0718	110		B
0365		14	0622*	06246	0703	S12	W80	3763	06	8.2	41	2N					224		EFHJR
	PEKG	14	0620E	0627	0710	S11	W78	3763	06	8.4	50D	2B			P	0627	378		FR
	ATHN	14	0622	0624	0710	S10	W77	3763	06	8.5	48	B		3	V	0624			
	LEAR	14	0623	0626	0700	S12	W77	3763	06	8.5	37	2B		3	C				FE
	YUNN	14	0624	0625	0631D	S10	W80	3763	06	8.2	7D	1B			P		129		H
	ABST	14	0624E	0626	0635D	S15	W81	3763	06	8.1	11D	2F			P	0626	262		FJ
	ABST	14	0624E	0626	0635D	S07	W85	3763	06	7.9	11D	1F			P	0626	131		E
	CULG	14	0625E	0625U	0635D	S15	W72	3763	06	8.8	10D	1B			P	0625	80		J
	CATA	14	0625	0630	0635D	S12	W85	3763	06	7.9	10D	3		2	P	0630	365		
	ISTA	14	0642		0653	S14	W90	3763	06	7.5	11	SF							E
0366		14	0623*	06341	0648	N10	E30	3774	06	16.5	25	SN					63	.8	DF
	LEAR	14	0623	0634	0659	N08	E29	3774	06	16.4	36	SF		3	C		48		F
	ABST	14	0623	0635	0635D	N11	E30	3774	06	16.5	12D	SF			P	0635	87	1.0	D
	CULG	14	0632E	0634U	0636D	N11	E30	3774	06	16.5	4D	SN			P	0634	40	.5	
	PEKG	14	0633	0634	0638	N09	E32	3774	06	16.7	5	SN			P	0634	76	.9	D
0367	ISTA	14	0710		0715	N17	E26		06	16.3	5	SF							E
0368		14	07582	07583	0811	S14	W79	3763	06	8.4	13	SN	M 1.1						DH
	LEAR	14	0758	0758	0811	S14	W77	3763	06	8.5	13	SN	M 1.1	3	C				H
	KANZ	14	0800	0800	0811D	S15	W77	3763	06	8.5	11D	SN		1					
	KHAR	14	0801E	0801	0827D	S14	W83	3763	06	8.1	26D	SF			P				D
0369	KHAR	14	0801		0817D	N08	E64	3776	06	19.1	16D	SF			P				
0370	KHAR	14	0831E	0831	0841D	N14	E61	3776	06	19.0	10D	SF			P				D
0371		14	0849	08492	0904D	S14	W80	3763	06	8.3	15D	SN							DH
	LEAR	14	0849	0849	0852D	S14	W78	3763	06	8.5	3D	SN		3	C				
	KHAR	14	0851E	0851	0904D	S14	W83	3763	06	8.1	13D	SN			P				DH
0372		14	09582	09591	1008	S13	W78	3763	06	8.5	10	SB					28		
	ATHN	14	0958	0959	1012	S13	W79	3763	06	8.4	14	B		2	V	0959			
	CATA	14	1000	1000	1005	S13	W78	3763	06	8.5	5	S		1	C	1000	28		
0373		14	10232	10254	1046	S15	W01		06	14.3	23	SN					78	.6	GH
	MONT	14	1023	1029	1048	S14	W01		06	14.3	25	SN			C	1029	100		GH
	CATA	14	1025	1025	1045	S16	W01		06	14.3	20	S		2	C	1025	56	.6	
0374	CATA	14	1025	1025	1035	S05	W90	3763	06	7.7	10	S		2	C	1025	39		
0375	CATA	14	1140	1145	1145D	N17	E47	3776	06	18.0	5D	S		2	P	1145	56	.9	
0376		14	1213	1214*	1231D	N12	E55	3776	06	18.6	18D	1B					108		FKU
	RAMY	14	1213	1214	1231D	N12	E55	3776	06	18.6	18D	SB		3	C		52		K
	RAMY	14	1213	1228	1231D	N12	E55	3776	06	18.6	18D	1B		3	C		164		UFK
0377	ATHN	14	1229	1231	1253	N10	E63	3776	06	19.2	24	1B		1	V	1231	127	2.9	
0378	RAMY	14	1236	1237	1238	S13	W80	3763	06	8.5	2	SN		3	C				

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0379	HOLL	14	1258	1310	1343	N11	E53	3776	06	18.5	45	SN	M 2.0	3	C		78		F
0380	HOLL	14	1356	1358	1405	N11	E52	3776	06	18.5	9	SF		3	C		31		F
0381	BIGB	14	1442E	1457	1533	N10	E54	3776	06	18.7	51D	SN		3	P	1457	90	1.6	
0382	RAMY	14	1707	1707	1716	S13	E11	3773	06	15.5	9	SF		3	C		28		F
0383		14	1812*	1816*	1857	N10	E50	3776	06	18.5	45	SN					96	1.6	EFK
	PALE	14	1743E	1816U	2246D	N11	E50	3776	06	18.5	303D	1B		3	C		171		FEK
	PALE	14	1743E	2053	2246D	N11	E50	3776	06	18.5	303D	SB		3	C		135		K
	BIGB	14	1812	1821	1907	N11	E51	3776	06	18.6	55	SN		3	C	1821	100	1.6	
	HOLL	14	1816	1816	1833	N10	E52	3776	06	18.7	17	SN		3	C		41		F
	HOLL	14	1906	1907	1912	N09	E50	3776	06	18.5	6	SN		3	C		32		F
0384	PALE	14	1746E	1849U	1917D	N31	E61		06	19.5	91D	1N		3	C		105		
0385		14	18131	1826	1834	N08	E24	3774	06	16.5	21	SN					52		F
	PALE	14	1813	1826	1836	N09	E23	3774	06	16.5	23	SN		3	C		41		
	HOLL	14	1814	1826	1833	N08	E24	3774	06	16.5	19	SF		3	C		62		F
0386	PALE	14	1826	1828U	1837	S11	W82	3763	06	8.6	11	SN		3	C				
0387	PALE	14	1841	1848	1901	N19	E04	3772	06	15.1	20	SF		3	C		27		
0388	PALE	14	1849	1856	1917D	N10	E24	3774	06	16.6	28D	SF		3	C		33		
0389		14	19113	1922	1931	S13	W83	3763	06	8.5	20	1N							
	PALE	14	1911	1917U	1917D	S13	W84	3763	06	8.5	6D	SN		3	C				
	HOLL	14	1914	1922	1931	S13	W82	3763	06	8.6	17	1N		3	C				
0390	PALE	14	1938E	1947U	2024D	N30	E55		06	19.1	46D	SF		3	C		58		
0391		14	2035*	20426	2058	N10	E50	3776	06	18.6	23	SN					47	1.0	F
	BIGB	14	2035	2042	2058	N11	E51	3776	06	18.7	23	SF		3	C	2042	60	1.0	
	HOLL	14	2045	2048	2058	N10	E49	3776	06	18.5	13	SN		3	C		34		F
0392	BIGB	14	2104	2108	2124	N10	E54	3776	06	18.9	20	SN		3	C	2108	80	1.4	
0393		14	2104	2112	2127	S14	W87	3763	06	8.3	23	SN	M 2.1						F
	HOLL	14	2104	2112	2121	S16	W86	3763	06	8.3	17	SN	M 2.1	3	C				F
	PALE	14	2118E	2118U	2133	S13	W88	3763	06	8.2	15D	SN		3	C				
0394	PALE	14	2139E	2156U	2205	S13	W88	3763	06	8.3	26D	SF		3	C				
0395	BIGB	14	2204	2215	2241	N13	E48	3776	06	18.5	37	SN		3	C	2215	80	1.2	
0396	PALE	14	2205	2206	2211	S20	W32	3770	06	12.5	6	SF		3	C		28		
0397	HOLL	14	2258	2301	2305	S12	W88	3763	06	8.3	7	SF		3	C				
0398		14	2310	23137	2358	N09	E21	3774	06	16.5	48	SN					48	.7	
	HOLL	14	2310	2313	2344	N09	E21	3774	06	16.5	34	SF		3	C		36		
	PALE	14	2311E	2311U	2413	N09	E21	3774	06	16.5	62D	SN		3	C		47		
	MANI	14	2319E	2320	2328D	N10	E21	3774	06	16.5	9D	SN		1	V		60	.7	
0399		14	2311	2316	2412	N12	E48	3776	06	18.6	61	SN					68		
	HOLL	14	2311	2316	2350	N12	E47	3776	06	18.5	39	SF		3	C		56		
	PALE	14	2311E	2319U	2434	N11	E48	3776	06	18.6	83D	SB		3	C		80		
0400		15	0013	00181	0028	N12	E50	3776	06	18.8	15	SF					84	1.1	D
	HOLL	15	0013	0019	0034	N13	E52	3776	06	18.9	21	SF		3	C		95		
	VORO	15	0015E	0018	0023	N12	E49	3776	06	18.7	8D	SF			P	0018	72	1.1	D
0401		15	00301	00333	0055	S11	W89	3763	06	8.3	25	1N	M 5.4				77		F
	CULG	15	0030	0033U	0048	S14	W90	3763	06	8.2	18	SN			P	0033	40		
	LEAR	15	0031	0033	0052	S12	W90	3763	06	8.2	21	1N	M 5.4	2	C				F
	PALE	15	0031	0033U	0115	S12	W90	3763	06	8.2	44	1B		3	C				
	HOLL	15	0031	0034	0052	S08	W84	3763	06	8.7	21	1B		3	C		86		
	PURP	15	0031	0036	0049	S12	W90	3763	06	8.2	18	1N			C	0036	105		
	MANI	15	0032E	0032U	0035D	S10	W90	3763	06	8.2	3D	1N		1	V				

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Apparent (10-6 Disk)	Measurement Corr (Sq Deg)	Remarks
0402	PALE	15	0050E	0051U	0054D	N05	E19	3774	06	16.4	4D	SF		3	C		40		
0403		15	0154*	0147*	0416	N10	E47	3776	06	18.6	142	1N	X 2.4				416	6.6	EFJKTU
	PALE	15	0050E	0147	0305D	N11	E47	3776	06	18.6	135D	1N		2	C		218		K
	PALE	15	0050E	0224U	0305D	N11	E47	3776	06	18.6	135D	2B		2	C		452		UFK
	LEAR	15	0154	0155	0158	N12	E46	3776	06	18.5	4	SF		3	C		43		F
	CULG	15	0208U	0257	0400	N09	E50	3776	06	18.8	112U	2B			C	0257	500	8.0	FKJ
	VORO	15	0216	0243	0316D	N12	E47	3776	06	18.6	60D	2B			P	0243	699	10.9	EJK
	MITK	15	0217	0229	0337	N08	E48	3776	06	18.7	80	SN			C	0229			E
	LEAR	15	0218E	0226	0704	N10	E46	3776	06	18.5	286D	1B		3	C		408		K
	LEAR	15	0218E	0247	0704	N10	E46	3776	06	18.5	286D	2B	X 2.4	3	C		909		UUK
	MANI	15	0219E	0222	0340D	N09	E48	3776	06	18.7	81D	1N		1	V		300	4.6	FE
	MANI	15	0219E	0245U	0340D	N09	E48	3776	06	18.7	81D	2B		1	V		500	7.7	FE
	YUNN	15	0220	0225	0230	N08	E46	3776	06	18.5	10	1N			C		177	2.7	F
	YUNN	15	0237E	0250	0315	N09	E48	3776	06	18.7	38D	3N			P		804	12.5	KTU
	ABST	15	0401E	0402	0412	N11	E46	3776	06	18.6	11D	1N			P	0402	262	3.9	EJ
	ABST	15	0401E	0417	0443	N16	E51	3776	06	19.0	42D	1F			P	0417	131	2.2	F
0404	HOLL	15	0101	0113	0118	S11	W88	3763	06	8.4	17	SF		3	C				
0405	PALE	15	0125	0128	0133	S12	W90	3763	06	8.3	8	SF		3	C				
0406		15	01531	01541	0211	N32	E54		06	19.3	18	1N					110	3.2	E
	VORO	15	0153	0154	0208	N33	E52		06	19.2	15	1N			C	0154	188	3.2	E
	PALE	15	0154	0155	0214	N30	E57		06	19.6	20	SF		3	C		33		
0407	PALE	15	0213E	0213U	0225D	N09	E20	3774	06	16.6	12D	SF		3	C		31		
0408	PALE	15	0220	0221	0246	N19	E01	3772	06	15.2	26	SN		3	C		35		
0409	PALE	15	0246	0246U	0305D	N20	E00	3772	06	15.1	19D	SF		3	C		21		
0410		15	03256	03292	0332	S12	W90	3763	06	8.4	7	SF					11		
	LEAR	15	0325	0329	0331	S12	W90	3763	06	8.4	6	SF		3	C				
	LEAR	15	0331	0331	0334	S12	W90	3763	06	8.4	3	SF		3	C		11		
0411	ABST	15	0411	0412	0433	S22	E76	3780	06	21.0	22	1F			C	0412	87		DJ
0412	LEAR	15	0414	0415	0420	S14	W90	3763	06	8.4	6	SF		3	C				
0413		15	05581	06002	0616	S21	E76	3780	06	21.1	18	1F					62		DJ
	ABST	15	0558	0600	0608	S23	E77	3780	06	21.2	10	1F			C	0600	87		DJ
	LEAR	15	0559	0602	0625	S19	E75	3780	06	21.0	26	SF		3	C		37		
0414		15	0601	0602*	0642	N10	E46	3776	06	18.7	41	SN					98	1.5	EJTV
	ABST	15	0601	0602	0641D	N10	E47	3776	06	18.8	40D	SN			P	0602	87	1.4	EJV
	ATHN	15	0604E	0606	0620	N13	E47	3776	06	18.8	16D	1B		4	V	0606	143	2.2	
	CATA	15	0620E	0630	0645D	N08	E46	3776	06	18.7	25D	1		2	P	0630	281	4.2	T
	HTPR	15	0630E		0637	N11	E45	3776	06	18.6	7D	SF			C	0633	20	.3	
	HTPR	15	0630E		0656	N07	E48	3776	06	18.9	26D	SF			C	0633	50	.7	E
	HTPR	15	0630E		0657	N10	E41	3776	06	18.3	27D	SF			C	0630	10	.1	
0415	HTPR	15	0710	0711	0715	N13	E40	3776	06	18.3	5	SN			C	0711	40	.6	
0416	LEAR	15	0716	0717	0723	S13	W90	3763	06	8.5	7	SF		3	C				
0417	YUNN	15	0740E	0744	0752	S21	E71	3780	06	20.8	12D	SN			P		16		D
0418		15	0802*	0810*	0846	S20	E71	3780	06	20.8	44	1B	M 3.7				134		EFKT
	YUNN	15	0802	0826	0842D	S21	E71	3780	06	20.8	40D	2B			P		193		KT
	LEAR	15	0806	0813	0902D	S21	E69	3780	06	20.6	56D	1B		3	C		175		K
	LEAR	15	0806	0819	0902D	S21	E69	3780	06	20.6	56D	1B	M 3.7	3	C		130		FEK
	CATA	15	0810	0810	0815D	S21	E70	3780	06	20.7	5D	1		2	P	0810	112		
	ATHN	15	0810E	0811	0855	S18	E75	3780	06	21.0	45D	1B		4	V	0811	175		
	MONT	15	0810	0813	0842	S19	E71	3780	06	20.7	32	SN			C	0813	110		
	MITK	15	0810	0820	0835	S20	E70	3780	06	20.7	25	1N			C	0820	100		E
	HTPR	15	0811	0820	0851	S20	E71	3780	06	20.8	40	SB			C	0820	80		E
	KANZ	15	0814	0818	0827D	S20	E72	3780	06	20.8	13D	SB		2					

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0419		15	0846	0846*	0902D	N10	E41	3776	06	18.4	16D	SN					32		FK
	LEAR	15	0846	0846	0902D	N10	E41	3776	06	18.4	16D	SF	3	C			29		K
	LEAR	15	0846	0901	0902D	N10	E41	3776	06	18.4	16D	SN	3	C			36		FK
0420	HTPR	15	0940	0954	1007	N09	E40	3776	06	18.4	27	SF			C	0954	40	.5	E
0421		15	1020E	1035	1216	N10	E45	3776	06	18.8	116D	3B					1353	19.5	EIKTW
	HTPR	15	1020E		1222	N08	E45	3776	06	18.8	122D	3B			C	1038	1600	22.4	EIKTW
	CATA	15	1020E	1035	1145D	N08	E44	3776	06	18.7	85D	4	2	P		1035	1855	26.8	W
	ATHN	15	1020E	1035	1210	N13	E47	3776	06	19.0	110D	2B	4	V		1035	605	9.4	
0422	KANZ	15	1059		1103D	N11	E43	3776	06	18.7	4D	2N	2						F
0423	HTPR	15	1107	1114	1200	N10	E26	3774	06	17.4	53	SF			C	1114	80	.9	E
0424	ATHN	15	1147E	1151	1203	N09	E15	3774	06	16.6	16D	SB	4	V		1151	96	1.0	
0425	RAMY	15	1204E	1204U	1207D	N11	E42	3776	06	18.7	3D	1N	3	C			405		EF
0426	HOLL	15	1245	1249	1254	N10	E40	3776	06	18.5	9	SF	3	C			25		
0427	RAMY	15	1257	1259	1305	N19	W07	3772	06	15.0	8	SF	3	C			21		
0428	HOLL	15	1301	1301	1315	N13	E31	3776	06	17.9	14	SF	3	C			39		F
0429	HOLL	15	1305	1305	1316	S21	E66	3780	06	20.6	11	SF	3	C			13		
0430		15	1335*	1344*	1456	N13	E38	3776	06	18.4	81	1B M	5.3				267	2.6	EFUZ
	RAMY	15	1335	1417	1513	N13	E36	3776	06	18.3	98	1B		3	C		387		FE
	HOLL	15	1335	1422	1508	N13	E36	3776	06	18.3	93	1B M	5.3	3	C		353		ZU
	ATHN	15	1341	1344	1410	N13	E47	3776	06	19.1	29	SB		4	V	1344	127	2.0	
	HTPR	15	1350	1419	1505	N15	E37	3776	06	18.4	75	2B			C	1419	450	5.6	EU
	HTPR	15	1451	1453	1503	N10	E37	3776	06	18.4	12	SF			C	1453	20	.2	
0431	RAMY	15	1352	1354	1357	N19	W07	3772	06	15.0	5	SF	3	C			20		
0432	HOLL	15	1355	1357	1413	S21	E66	3780	06	20.6	18	SF	3	C			19		
0433		15	1423*	1423*	1556	S21	E66	3780	06	20.6	93	1B X	1.3				281	3.5	EZ
	HOLL	15	1423	1423	1450	S22	E65	3780	06	20.6	27	SF		3	C		12		
	RAMY	15	1425	1512	1651	S21	E66	3780	06	20.7	146	2B		3	C		712		
	HTPR	15	1508	1515	1604	S20	E68	3780	06	20.8	56	1B			C	1515	160	3.5	E
	HOLL	15	1509	1512	1558	S22	E66	3780	06	20.7	49	2B X	1.3	3	C		343		Z
	BIGB	15	1511E	1512	1600	S20	E67	3780	06	20.7	49D	1B		3	P	1512	180		
0434	HOLL	15	1446	1447	1453	S12	W90	3763	06	8.8	7	SF	3	C					
0435	RAMY	15	1602	1645	1654	N14	E40	3776	06	18.7	52	SF	3	C			190		
0436	RAMY	15	1746	1747	1753	N14	E43	3776	06	19.0	7	SF	3	C			23		
0437		15	18363	18411	1907	N17	E30	3776	06	18.0	31	SB C	7.9				167	1.4	EF
	HOLL	15	1836	1841	1859	N16	E30	3776	06	18.0	23	SB C	7.9	3	C		121		FE
	PALE	15	1836	1841	1906	N18	E29	3776	06	18.0	30	1B		3	C		283		FE
	RAMY	15	1836	1841	1908	N16	E31	3776	06	18.1	32	SB		3	C		143		FE
	BIGB	15	1839	1842	1915	N19	E31	3776	06	18.1	36	SB		3	C	1842	120	1.4	
		15	1945		1949	No Flare Patrol													
0438		15	2017*	2021*	2456	N12	E35	3776	06	18.5	279	1B M	2.2				201	2.7	EFK
	PALE	15	2017	2021	2208D	N12	E33	3776	06	18.3	111D	SB		3	C		84		K
	PALE	15	2017	2100	2208D	N12	E33	3776	06	18.3	111D	1B M	2.2	3	C		368		FEK
	BIGB	15	2043	2106	2456	N10	E40	3776	06	18.9	253	1B		3	C	2106	200	2.7	
	HOLL	15	2102E	2104	2151D	N12	E34	3776	06	18.4	49D	1B		3	C		152		E
0439		15	2238	2240	2258	S17	W43	3770	06	12.7	20	SN					26		
	HOLL	15	2238	2240	2248	S14	W41	3770	06	12.8	10	SF		3	C		23		
	PALE	15	2240E	2254U	2307	S20	W45	3770	06	12.5	27D	SN		3	C		30		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt Xray	Obs See	Type	Time (UT)	Area Apparent (10 ⁻⁶ Disk)	Measurement Corr (Sq Deg)	Remarks
0440	LEAR	16	0104	0109	0120	S21	E63	3780	06 20.9	16	SF	3	C		19		
0441		16	02083	0214*	0335	N10	E34	3776	06 18.6	87	2B X 2.0						
	CULG	16	0208	0214	0330	N10	E35	3776	06 18.7	82	2B		C	0214	607	7.0	EFJKV
	LEAR	16	0209	0214	0348	N11	E35	3776	06 18.7	99	2B X 2.0	3	C		580	7.0	FKJV
	LEAR	16	0209	0228	0348	N11	E35	3776	06 18.7	99	2B	3	C		578		FEK
	MITK	16	0211	0214	0314	N09	E33	3776	06 18.6	63	2N		C	0214	700		K
															570	7.1	E
0442		16	02251	02262	0236	S16	E60	3780	06 20.6	11	SN						
	CULG	16	0225	0228	0234	S15	E59	3780	06 20.6	9	SF		C	0228	33	.8	J
	LEAR	16	0226	0226	0237	S17	E61	3780	06 20.7	11	SN	3	C		40	.8	J
															26		
0443	CULG	16	0502	0505	0550	S07	W90	3763	06 9.5	48	SB		C	0505			
0444		16	06182	06195	0638	N08	E29	3776	06 18.4	20	SN				109	1.2	DEV
	ABST	16	0618	0619	0625	N10	E28	3776	06 18.4	7	SN		C	0619	87	1.0	DV
	ABST	16	0620	0624	0650	N07	E30	3776	06 18.5	30	SF		C	0624	131	1.5	E
0445	ABST	16	0623	0624	0640	N09	E04	3774	06 16.6	17	SF		C	0624	131	1.3	E
0446		16	0708*	0710*	0723	N16	E25	3776	06 18.2	15	SN C 2.5				123	1.5	DEF
	LEAR	16	0708	0710	0722	N16	E24	3776	06 18.1	14	SN C 2.5	3	C		96		F
	HTPR	16	0708	0712	0718	N17	E23	3776	06 18.0	10	SN		C	0712	140	1.4	E
	BUCA	16	0710E		0725	N17	E26	3776	06 18.3	15D	1W		P	0710	322	3.9	
	PEKG	16	0721E	0721	0725	N17	E24	3776	06 18.1	4D	SF		P	0721	46	.5	E
	PEKG	16	0721	0725	0728	N12	E30	3776	06 18.6	7	SF		C	0725	13	.1	D
0447		16	0850*	08597	0918	N17	E22	3776	06 18.0	28	SN				94	1.0	EF
	LEAR	16	0850	0859	0912D	N17	E22	3776	06 18.0	22D	SN	3	C		110		F
	HTPR	16	0851	0901	0920	N18	E21	3776	06 18.0	29	SB		C	0901	60	.6	E
	CATA	16	0900	0900	0915	N17	E22	3776	06 18.0	15	S	2	C	0900	112	1.3	
	KANZ	16	0906E	0906	0909D	N17	E22	3776	06 18.0	3D	SN	1					
0448	ATHN	16	0900	0903	0910	N12	E32	3776	06 18.8	10	SB	4	V	0903	95	1.2	
0449		16	09401	09414	1000	S20	E58	3780	06 20.8	20	SN				95	2.1	
	ATHN	16	0940	0945	1005	S21	E60	3780	06 21.0	25	SN	4	V	0945	95	2.1	
	KANZ	16	0941	0941	0955	S19	E57	3780	06 20.7	14	SN	3					
0450	RAMY	16	1145E	1145U	1159	N12	E31	3776	06 18.8	14D	SN	3	C		25		F
0451		16	1324*	1328*	1401	N10	E30	3776	06 18.8	37	SN C 1.7				70	.7	EF
	HTPR	16	1324	1328	1356	N07	E29	3776	06 18.7	32	SF		C	1328	30	.3	E
	RAMY	16	1327	1339	1406	N08	E29	3776	06 18.7	39	SB C 1.7	3	C		102		F
	HTPR	16	1341	1349	1405	N11	E30	3776	06 18.8	24	SF		C	1349	20	.2	
	ATHN	16	1344E	1345	1357	N12	E32	3776	06 19.0	13D	SN	4	V	1345	127	1.6	
0452		16	14553	14571	1516	S21	E53	3780	06 20.7	21	SN				50	1.4	F
	BIGB	16	1455	1457	1534	S22	E54	3780	06 20.8	39	SN	3	C	1457	80	1.4	
	HOLL	16	1456	1458	1506	S22	E53	3780	06 20.7	10	SF	3	C		33		F
	RAMY	16	1458	1458	1509	S19	E52	3780	06 20.6	11	SN	3	C		37		
0453		16	15319	1531*	1553	N11	E26	3776	06 18.6	22	SF C 2.9				46		FK
	HOLL	16	1531	1531	1556	N10	E26	3776	06 18.6	25	SF	3	C		23		K
	HOLL	16	1531	1544	1556	N10	E26	3776	06 18.6	25	SF C 2.9	3	C		69		FK
	RAMY	16	1540	1543	1548	N12	E26	3776	06 18.6	8	SN	3	C		46		
0454		16	15373	15402	1606	S20	E51	3780	06 20.5	29	SN				80	.7	F
	HOLL	16	1537	1540	1603D	S22	E51	3780	06 20.6	26D	SN	3	C		88		F
	RAMY	16	1538	1542	1615	S18	E51	3780	06 20.5	37	SN	3	C		102		
	HTPR	16	1540	1542	1557	S19	E51	3780	06 20.5	17	SF		C	1542	50	.7	
0455		16	16269	16402	1708	N16	E21	3776	06 18.3	42	SB				118	.9	EFU
	RAMY	16	1626	1640	1640D	N12	E19	3776	06 18.1	14D	1B	3	C		214		UF
	HTPR	16	1627	1641	1716	N17	E20	3776	06 18.2	49	SN		C	1641	80	.8	E
	HTPR	16	1630	1642	1657	N17	E24	3776	06 18.5	27	SN		C	1642	100	1.1	E
	BIGB	16	1635	1642	1710	N16	E22	3776	06 18.3	35	SB	3	C	1642	80	.9	

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0456	HTPR	16	1644	1647	1725	N24	E28		06 18.9	41	SN	C	1647	40	.4	
0457	BIGB	16	1706	1712	1743	S20	E53	3780	06 20.8	37	SF	3 C	1712	90	1.5	
0458	RAMY	16	1753	1806	1807	N12	E22	3776	06 18.4	14	SF	3 C		20		
0459		16	1856*	1908*	1928	N14	E25	3776	06 18.7	32	SF C 1.5			61		F
	RAMY	16	1856	1923	1924	N17	E22	3776	06 18.5	28	SF C 1.5	3 C		24		F
	HOLL	16	1902E	1908	1925	N15	E25	3776	06 18.7	23D	SF	2 C		90		F
	HOLL	16	1922	1926	1935	N11	E27	3776	06 18.8	13	SN C 2.0	2 C		70		F
0460	HOLL	16	1950	1953	2025D	N11	E27	3776	06 18.8	35D	SN C 3.9	2 C		120		F
0461		16	1951	2202	2200	N10	E27	3776	06 18.8	129	SN			110	.9	F
	BIGB	16	1951	2202	2210	N10	E27	3776	06 18.8	139	SN	3 C	2002	80	.9	F
	HOLL	16	2117E	2119U	2150	N11	E27	3776	06 18.9	33D	SN	2 C		140		F
0462		16	2023*	23383	2434	N11	E21	3776	06 18.4	251	1N M 1.3			269	2.6	EFI
	HOLL	16	2023	2340	2447	N10	E19	3776	06 18.3	264	1N	3 C		323		
	MANI	16	2319	2338	2404	N12	E23	3776	06 18.7	45	1N M 1.3	1 V		300	3.4	FE
	BIGB	16	2325	2339	2349D	N13	E25	3776	06 18.9	24D	SN	3 P	2339	100	1.1	FI
	CULG	16	2333	2341	2438	N13	E22	3776	06 18.6	65	1N	C	2341	300	3.3	FI
	HOLL	16	2339	2340	2447	N10	E19	3776	06 18.4	68	1N	3 C		323		
0463		16	2028	20354	2134	S21	E53	3780	06 20.9	66	1B M 3.5			205	2.7	FY
	BIGB	16	2028	2035	2148	S20	E55	3780	06 21.0	80	1B	3 C	2035	150	2.7	YF
	HOLL	16	2030E	2039	2121	S22	E51	3780	06 20.8	51D	1B M 3.5	2 C		260		
0464		17	02383	02434	0322	N12	E22	3776	06 18.8	44	1B M 2.6			320	4.0	EFIK
	LEAR	17	0238	0243	0332	N11	E23	3776	06 18.8	54	1B M 2.6	3 C		269		FE
	CULG	17	0241	0247	0312	N13	E21	3776	06 18.7	31	1B	C	0247	370	4.0	FKI
0465	LEAR	17	0417	0418	0430	N15	E24	3776	06 19.0	13	SN M 3.0	3 C		62		F
0466	HTPR	17	0546	0549	0608	N09	E17	3776	06 18.5	22	SF	C	0549	20	.2	
0467	CATA	17	0620E	0620	0625D	N14	E90	3782	06 24.1	5D	S	2 P	0620	28		
0468		17	07017	07072	0716	N11	E16	3776	06 18.5	15	SN			102	1.1	E
	KANZ	17	0701	0709	0716	N11	E17	3776	06 18.6	15	SN	3				E
	KHAR	17	0706E	0707	0715D	N13	E17	3776	06 18.6	9D	SF	V	0707			E
	ABST	17	0706E	0707	0722	N10	E16	3776	06 18.5	16D	SN	P	0707	174	1.9	E
	HTPR	17	0708	0708	0710	N11	E15	3776	06 18.4	2	SF	C	0708	30	.3	E
0469	ABST	17	0715	0717	0724	S22	E46	3780	06 20.8	9	1F	C	0717	131	2.1	E
0470		17	07201	07235	0734	N16	E22	3776	06 19.0	14	SN			131	1.4	D
	KANZ	17	0720	0728	0736	N16	E23	3776	06 19.0	16	SF	3 C				D
	ABST	17	0721	0723	0732	N15	E21	3776	06 18.9	11	SN		0723	131	1.4	D
0471	KHAR	17	0745		0754D	S18	E47	3780	06 20.9	9D	SF	V	0745			
0472		17	08172	0825	0834	N11	E18	3776	06 18.7	17	SF					E
	KANZ	17	0817	0825	0833	N11	E17	3776	06 18.6	16	SF	3				E
	KHAR	17	0819E		0824D	N13	E17	3776	06 18.6	5D	SF	V	0819			E
	ISTA	17	0819		0836	N10	E20	3776	06 18.8	17	SF					
0473	KHAR	17	0820E	0820	0825D	S15	E45	3780	06 20.7	5D	SF	V	0820			H
0474	KHAR	17	0913		0925D	N18	E85	3782	06 23.8	12D	SF	V	0915			L
0475		17	09242	09287	0954	N16	E10	3776	06 18.1	30	SN			67	.7	E
	KANZ	17	0924	0928	0951	N17	E10	3776	06 18.1	27	SN	3				E
	HTPR	17	0926	0928	0946	N15	E10	3776	06 18.1	20	SF	C	0928	50	.5	E
	CATA	17	0935E	0935	1005	N17	E09	3776	06 18.1	30D	S	2 P	0935	84	.9	
0476	KHAR	17	1010		1017D	N19	E59	3781	06 21.9	7D	SF	V	1010			D

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0477		17	10302	10302	1049	N15	E21	3776	06	19.0	19	SN					96	1.1	E
	CATA	17	1030	1030	1050	N15	E20	3776	06	18.9	20	S		2	C	1030	112	1.3	
	KANZ	17	1031	1031	1047	N15	E20	3776	06	18.9	16	SN		3					
	HTPR	17	1032	1032	1051	N15	E22	3776	06	19.1	19	SN			C	1032	80	.9	E
0478	HTPR	17	1034	1035	1037	N07	E18	3776	06	18.8	3	SF			C	1035	30	.3	
0479		17	1050*	1052*	1131	N13	E13	3776	06	18.4	41	2B					496	5.4	EI
	CATA	17	1050	1055	1110D	N15	E10	3776	06	18.2	20D	2		2	P	1055	674	7.3	
	ATHN	17	1050	1109	1139	N10	E12	3776	06	18.3	49	2B		4	V	1109	609	7.5	
	HTPR	17	1051	1056	1138	N15	E10	3776	06	18.2	47	2B			C	1056	550	5.5	EI
	KANZ	17	1051	1107	1142	N15	E11	3776	06	18.3	51	2B		3					
	BERN	17	1052E	1052	1109	N12	E18	3776	06	18.8	17D	2B			C				
	HTPR	17	1104	1108	1129	N10	E15	3776	06	18.6	25	SN			C	1108	150	1.5	E
0480	KANZ	17	1142	1149	1157	S22	W66	3770	06	12.4	15	SF		2					
0481	HTPR	17	1206	1209	1217	S21	E45	3780	06	20.9	11	SF			C	1209	20	.3	
0482		17	13073	13083	1314	N10	E13	3776	06	18.5	7	SN					84	1.1	
	BERN	17	1307	1308	1310	N11	E15	3776	06	18.7	3	SN			C				
	ATHN	17	1309	1311	1319	N10	E12	3776	06	18.4	10	SB		4	V	1311	127	1.8	
	HTPR	17	1310	1310	1313	N10	E12	3776	06	18.4	3	SN			C	1310	40	.4	
0483		17	13383	13394	1359	N13	E20	3776	06	19.1	21	SB					146	1.3	EF
	BERN	17	1338	1339	1344	N13	E23	3776	06	19.3	6	SN			C				
	ATHN	17	1339	1340	1348	N10	E22	3776	06	19.2	9	SB		4	V	1340	127	1.4	
	HOLL	17	1339E	1340	1655D	N11	E20	3776	06	19.1	196D	SB		3	C		192		F
	HTPR	17	1341	1341	1426	N15	E19	3776	06	19.0	45	SB			C	1341	120	1.2	E
	KANZ	17	1343E	1343	1359	N16	E18	3776	06	18.9	16D	SN		2					
0484	KANZ	17	1403	1414	1429	N14	E03	3776	06	17.8	26	SN		3					
0485	HTPR	17	1411	1424	1432	N12	E16	3776	06	18.8	21	SF			C	1424	40	.4	E
0486	RAMY	17	1456	1458	1536	N20	E19	3776	06	19.1	40	SN		3	C		37		
0487		17	1610*	1612*	1640	N14	E17	3776	06	18.9	30	SN					62	.6	E
	HTPR	17	1610	1612	1624	N12	E15	3776	06	18.8	14	SF			C	1612	30	.3	
	BIGB	17	1621	1623	1644	N15	E17	3776	06	19.0	23	SB		3	C	1623	90	1.0	
	HTPR	17	1621	1625	1658	N14	E18	3776	06	19.0	37	SN			C	1625	60	.6	E
	RAMY	17	1622	1624	1635	N16	E17	3776	06	19.0	13	SB		3	C		68		
0488		17	16322	16333	1637	S18	E39	3780	06	20.6	5	SN					53	.6	
	BIGB	17	1632	1633	1636	S19	E39	3780	06	20.7	4	SN		3	C	1633	50	.7	
	RAMY	17	1633	1634	1638	S17	E38	3780	06	20.6	5	SN		3	C		69		
	HTPR	17	1634	1636	1638	S18	E40	3780	06	20.7	4	SN			C	1636	40	.5	
0489		17	16344	16413	1706	N07	W16	3774	06	16.5	32	SN					105	.9	E
	RAMY	17	1634	1643	1717	N08	W15	3774	06	16.6	43	SN		3	C		144		
	HTPR	17	1637	1644	1652	N07	W16	3774	06	16.5	15	SN			C	1644	80	.8	E
	BIGB	17	1638	1641	1710	N07	W17	3774	06	16.4	32	SN		3	C	1641	90	1.0	
0490	HTPR	17	1652	1655	1706	S18	E40	3780	06	20.7	14	SF			C	1655	10	.1	
0491		17	17472	17502	1812	S22	E40	3780	06	20.8	25	SN					55	.8	
	BIGB	17	1747	1750	1825	S23	E42	3780	06	21.0	38	SN		3	C	1750	70	1.0	
	HTPR	17	1749	1752	1759	S22	E39	3780	06	20.7	10	SF			C	1751	40	.5	
0492		17	1835	1836	1906	N14	E16	3776	06	19.0	31	SN	C 3.9				128	.9	F
	BIGB	17	1835	1836	1849	N14	E17	3776	06	19.0	14	SN		3	C	1836	80	.9	
	HOLL	17	1835	1836	1922	N13	E16	3776	06	19.0	47	SN	C 3.9	3	C		175		F
0493		17	18547	19025	1953	S21	E40	3780	06	20.8	59	SN					124	1.6	F
	BIGB	17	1854	1907	2000	S23	E38	3780	06	20.7	66	SN		3	C	1907	120	1.6	
	HOLL	17	1901	1902	1946	S19	E43	3780	06	21.1	45	SN		3	C		127		F
0494	BIGB	17	2026	2027	2102	N13	E14	3776	06	18.9	36	SN		3	C	2027	70	.7	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0495	VORO	17	2139	2145	2159	S20	E68		06	23.1	20	2F			C	2145	251		D
0496	CULG	17	2239	2243	2317	S19	E63		06	22.7	38	SF			C	2243	60	1.2	
0497		18	01239	0134*	0226	N13	E75	3782	06	23.7	63	1N					200		DEFJK
	LEAR	18	0123	0134	0241	N13	E75	3782	06	23.7	78	SF		2	C				K
	LEAR	18	0123	0156	0241	N13	E75	3782	06	23.7	78	2N		2	C				FK
	CULG	18	0131	0153	0218	N14	E73	3782	06	23.6	47	1B			C	0153	200		J
	VORO	18	0132	0149	0215	N15	E78	3782	06	24.0	43	2N			C	0149	332		D
	PEKG	18	0200E	0200	0214	N13	E74	3782	06	23.7	14D	SN			P	0200	67		E
0498	PEKG	18	0348	0351	0356	N11	E09	3776	06	18.8	8	SF			C	0351	25	.3	D
0499		18	0352*	0358*	0402	N15	E41	3781	06	21.3	10	SN					47	.8	DFV
	LEAR	18	0352	0358	0402	N15	E42	3781	06	21.3	10	SN		3	C		23		
	YUNN	18	0358	0359	0402	N15	E42	3781	06	21.3	4	SN			C		32	.5	D
	ABST	18	0404	0417	0424D	N14	E40	3781	06	21.2	20D	SN			P	0417	87	1.2	FV
0500	ABST	18	0421	0423	0426D	N14	E11	3776	06	19.0	5D	SN			P	0423	87	.9	DV
0501		18	04219	0423*	0439	N13	E73	3782	06	23.7	18	SN					86		DEK
	ABST	18	0421	0423	0425	N11	E74	3782	06	23.7	4	1N			P	0423	87		OK
	PEKG	18	0427E	0427	0430	N12	E74	3782	06	23.8	3D	SN			P	0427	50		E
	CULG	18	0428E	0428U	0436	N16	E71	3782	06	23.6	8D	SB			P	0428	70		
	TACH	18	0429	0430	0445	N13	E75	3782	06	23.8	16	1N			C	0430	176		D
	PURP	18	0430	0436	0458	N16	E73	3782	06	23.7	28	SF			P	0436	49		
0502		18	05204	05224	0532	S18	W74	3770	06	12.6	12	SN					48		H
	LEAR	18	0520	0522	0533	S19	W77	3770	06	12.3	13	SF		3	C				
	YUNN	18	0524	0526	0530	S17	W70	3770	06	12.9	6	SN			C		48		H
0503		18	05464	0550*	0618	S22	E35	3780	06	20.9	32	SN					59	.7	DES
	LEAR	18	0546	0550	0635	S23	E35	3780	06	20.9	49	SN		3	C		96		S
	YUNN	18	0547	0551	0554D	S21	E33	3780	06	20.8	7D	SN			P		32	.4	D
	TACH	18	0547	0558	0615	S22	E34	3780	06	20.8	28	SB			C	0558	132	1.5	ES
	CULG	18	0548	0556	0610	S21	E35	3780	06	20.9	22	SN			C	0556	60	.7	
	PEKG	18	0550	0601	0615D	S23	E35	3780	06	20.9	25D	SN			P	0601	63	.9	D
	HTPR	18	0552E		0555D	S23	E34	3780	06	20.9	3D	SF			C	0552	20	.2	
	PURP	18	0552E	0553	0610	S21	E36	3780	06	21.0	18D	SN			C	0553	31	.4	
	HTPR	18	0605E		0622	S23	E34	3780	06	20.9	17D	SN			C	0608	40	.5	
	CATA	18	0605E	0605	0610D	S22	E35	3780	06	20.9	5D	S		2	P	0605	84	1.2	
	MITK	18	0605E	0607	0615	S23	E35	3780	06	20.9	10D	SN			C	0607			D
	WEND	18	0611E	0611	0618	S22	E36	3780	06	21.0	7D	SF			C	0611	31	.4	
0504	YUNN	18	0547	0551	0554	N15	E42	3781	06	21.4	7	SN			C		32	.5	H
0505	ABST	18	0628	0631	0700	N10	E07	3776	06	18.8	32	1F			C	0631	261	2.7	E
0506	ABST	18	0649	0651	0655	N14	E40	3781	06	21.3	6	SN			C	0651	87	1.2	D
0507	ABST	18	0650	0652	0700	N11	E74	3782	06	23.8	10	1F			C	0652	87		D
0508	KHAR	18	0718		0730D	N19	E42	3785	06	21.5	12D	SF			V	0719			DH
0509		18	07181	07201	0727	S19	W80	3770	06	12.2	9	SN					52		DH
	KHAR	18	0718E		0731D	S22	W80	3770	06	12.1	13D	SF			V	0718			DH
	LEAR	18	0718	0720	0727	S19	W80	3770	06	12.2	9	SN		3	C				
	WEND	18	0718	0720	0727	S18	W80	3770	06	12.2	9	SN			C	0720	38		
	HTPR	18	0719	0721	0726	S19	W80	3770	06	12.2	7	SN			C	0721	50		
	YUNN	18	0720E	0720U	0725	S18	W83	3770	06	12.0	5D	1N			P	0720	64		H
	CATA	18	0720E	0720	0730	S18	W78	3770	06	12.4	10D	1		2	P	0720	56		
0510		18	0740*	07514	0800	S18	W66	3783	06	13.3	20	SF					36	1.4	
	HTPR	18	0740	0755	0800	S18	W66	3783	06	13.3	20	SF			C	0755	60	1.4	
	LEAR	18	0751	0751	0759	S18	W65	3783	06	13.4	8	SF		3	C		12		
0511		18	07528	07587	0820	N13	E72	3782	06	23.8	28	SN	C 2.5				39		DE
	WEND	18	0752	0758	0803D	N14	E78	3782	06	24.2	11D	SF			C	0758	19		
	LEAR	18	0752	0759	0827	N14	E71	3782	06	23.7	35	SN	C 2.5	3	C		56		
	HTPR	18	0755	0800	0807	N15	E73	3782	06	23.8	12	SN			C	0800	60		E
	YUNN	18	0758	0805	0826	N13	E71	3782	06	23.7	28	SN			C		32		D
	CATA	18	0800	0800	0800D	N12	E70	3782	06	23.6	28D	S		2	P	0800	28		

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																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0512	HTPR	18	0759	0759	0802	N15	E09	3776	06	19.0	3	SF			C	0759	30	.3	
0513	HTPR	18	0859	0903	0913	N17	E07	3776	06	18.9	14	SF			C	0903	70	.7	E
0514	HTPR	18	0903	0916	0930	S17	W67	3783	06	13.3	27	SF			C	0916	40	.9	
0515		18	09465	09503	1008	N16	E08	3776	06	19.0	22	1N					196	2.2	E
	CATA	18	0945E	0950	1010D	N16	E06	3776	06	18.9	25D	1		2	P	0950	281	3.0	
	MONT	18	0946	0951	1017	N17	E07	3776	06	18.9	31	SN			C	0951	150		
	ATHN	18	0951	0953	0959	N13	E12	3776	06	19.3	8	1B		3	V	0953	255	2.7	
	HTPR	18	0956E		0956D	N17	E08	3776	06	19.0	8D	SN			C	0956	100	1.0	E
0516		18	11032	1105	1125	N12	E03	3776	06	18.7	22	SB					145	1.5	
	ATHN	18	1103	1105	1116	N10	E09	3776	06	19.1	13	SB		3	V	1105	127	1.3	
	CATA	18	1105	1105	1130	N14	W04	3776	06	18.1	25	S		2	C	1105	28	.3	
	CATA	18	1105	1105	1130	N13	E03	3776	06	18.7	25	1		2	C	1105	281	3.0	
		18	1247		1253	No Flare Patrol													
0517	RAMY	18	1254	1255	1309	N12	E04	3776	06	18.8	15	SF		3	C		26		
0518		18	1327	13261	1416	S19	W68	3783	06	13.4	49	SN					83	1.7	EF
	RAMY	18	1254E	1326	1326	S19	W67	3783	06	13.4	32D	SN		3	C		100		
	RAMY	18	1327	1327	1507	S19	W68	3783	06	13.4	100	SN		3	C		90		F
	HTPR	18	1344E		1428D	S18	W70	3783	06	13.2	44D	SF			C	1421	60	1.7	E
0519	RAMY	18	1255	1255	1328	S20	W83	3770	06	12.2	33	SN		3	C				
0520	RAMY	18	1333	1335	1339	N13	E04	3776	06	18.9	6	SN		3	C		27		
0521	RAMY	18	1410	1411	1416	S22	E27	3780	06	20.7	6	SF		3	C		26		
0522	RAMY	18	1435	1436	1438	S20	E32	3780	06	21.0	3	SF		3	C		23		
0523		18	15076	15144	1538	N13	W09	3776	06	17.9	31	SN	C 3.8				119	1.2	EFU
	HTPR	18	1507	1516	1530	N12	W10	3776	06	17.9	23	SN			C	1516	140		E
	BIGB	18	1509	1518	1559	N13	W11	3776	06	17.8	50	1B		3	C	1518	210	2.2	
	RAMY	18	1513	1514	1538	N13	W08	3776	06	18.0	25	SB	C 3.8	3	C		95		UF
	HTPR	18	1513	1516	1525	N14	W06	3776	06	18.2	12	SF			C	1516	30	.3	E
0524	RAMY	18	1547	1551	1612	N11	W01	3776	06	18.6	25	SN		3	C		62		
0525		18	16255	16285	1642	N13	E03	3776	06	18.9	17	SN					47	.5	E
	BIGB	18	1625	1629	1647	N14	E04	3776	06	19.0	22	SN		3	C	1629	80	.8	
	HTPR	18	1628	1628	1639	N15	E04	3776	06	19.0	11	SN			C	1628	40	.4	E
	HTPR	18	1630	1633	1641	N09	E02	3776	06	18.8	11	SF			C	1633	20	.2	
0526	HTPR	18	1701	1703	1706	N15	E32	3781	06	21.1	5	SF			C	1703	20	.2	
0527	BIGB	18	1724	1730	1830	N16	E73	3782	06	24.3	66	SF		3	C	1730	70		
0528	RAMY	18	1903	1903	1910	S19	E29	3780	06	21.0	7	SN		3	C		36		
		18	1932		1945	No Flare Patrol													
0529	RAMY	18	1947	2008	2038	N12	W07	3776	06	18.3	51	SN	C 2.0	3	C		71		
0530	RAMY	18	1958	2008	2123	S20	W80	3770	06	12.7	85	SN		3	C		30		
0531	RAMY	18	2103	2105	2114	N10	W03	3776	06	18.6	11	SF	C 1.8	3	C		43		
0532		18	21362	21383	2228	N19	W11	3776	06	18.1	52	1B					200	3.9	EF
	CULG	18	2136	2141	2227	N19	W10	3776	06	18.1	51	1B			C	2141	360	3.9	EF
	RAMY	18	2137	2138	2141D	N19	W10	3776	06	18.1	4D	SB		3	C		141		FE
	HOLL	18	2138	2139	2229	N19	W11	3776	06	18.1	51	1B		3	C		226		F
	PALE	18	2209E	2209U	2235D	N19	W12	3776	06	18.0	26D	SN		2	C		72		F
0533	MANI	18	2323E	2324	2335D	N16	E34	3781	06	21.5	12D	SF		1	V		40	.5	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0534	LEAR	19	0006	0007	0012	N06	W02	3776	06	18.8	6	SF		3	C		54		
0535		19	0019*	0020*	0050	N13	W02	3776	06	18.9	31	1N	C 9.7				182	1.8	EF
	LEAR	19	0019	0020	0044	N10	W04	3776	06	18.7	25	SF		3	C		35		F
	BIGB	19	0020	0032	0043	N12	W03	3776	06	18.8	23	SN		3	C	0032	60	.6	
	BIGB	19	0047	0049	0053D	N16	W01	3776	06	18.9	6D	SB		3	P	0049	180	1.9	
	CULG	19	0047	0050	0055	N14	W02	3776	06	18.9	8	1N			C	0050	270	2.7	
	LEAR	19	0048	0049	0051D	N14	W01	3776	06	18.9	3D	1B		3	C		307		FE
	MANI	19	0048	0049	0055D	N15	W01	3776	06	18.9	7D	1B		1	V		210	2.2	FE
	HOLL	19	0048	0049	0056	N14	W02	3776	06	18.9	8	1B	C 9.7	3	C		215		FE
0536	LEAR	19	0249	0251	0317	N15	W03	3776	06	18.9	28	SN	C 3.2	3	C		44		
0537	CULG	19	0308	0314	0321	N07	W35	3774	06	16.5	13	SF			C	0314	80	.9	F
0538		19	0415*	0418*	0434	N15	E25	3781	06	21.1	19	SF					64	.9	EFK
	LEAR	19	0415	0418	0435	N16	E25	3781	06	21.1	20	SF		3	C		29		F
	YUNN	19	0425	0426	0432	N15	E26	3781	06	21.1	7	SN			C		32	.4	E
	ABST	19	0436	0441	0442D	N15	E25	3781	06	21.1	6D	SF			P	0441	131	1.4	EK
0539	LEAR	19	0502	0505	0509	N13	W03	3776	06	19.0	7	SN	C 2.3	3	C		23		
0540	ABST	19	0600E	0600	0603D	N16	E24	3781	06	21.1	3D	SN			P	0600	131	1.4	D
0541	ABST	19	0600E	0602	0603D	N13	W05	3776	06	18.9	3D	SF			P	0602	131	1.3	E
0542	LEAR	19	0709	0709	0720	N09	W11	3776	06	18.5	11	SN	C 2.0	3	C		47		
0543	YUNN	19	0711	0725	0732	N17	E23	3781	06	21.0	21	SN			C		80	.9	D
0544		19	07114	0715*	0726	N14	E65	3782	06	24.2	15	SF					49	.8	
	YUNN	19	0711	0725	0732	N14	E68	3782	06	24.4	21	1N			P		80		
	LEAR	19	0715	0715	0722	N13	E64	3782	06	24.1	7	SF		3	C		26		
	HTPR	19	0716E		0723	N15	E62	3782	06	24.0	7D	SF			C	0716	40	.8	
0545		19	0750	0753	0804	N10	W10	3776	06	18.6	14	SN	C 3.4				51		F
	ISTA	19	0750		0754	N11	W09	3776	06	18.6	4	SF							
	LEAR	19	0750	0753	0813	N10	W10	3776	06	18.6	23	SN	C 3.4	3	C		51		F
0546		19	08252	0827*	0903	N14	W08	3776	06	18.7	38	SN	C 4.3				113	1.0	EFK
	ISTA	19	0825		0843	N12	W11	3776	06	18.5	18	SF							
	ISTA	19	0825		0905	N18	W02	3776	06	19.2	40	SF							
	CATA	19	0825E	0830	0850D	N17	W07	3776	06	18.8	25D	S		2	P	0830	112	1.2	
	LEAR	19	0825	0831	0905D	N13	W08	3776	06	18.7	40D	1N	C 4.3	3	C		241		F
	HTPR	19	0825	0833	1015	N18	W07	3776	06	18.8	110	SB			C	0833	130	1.3	EK
	ATHN	19	0826	0827	0832	N12	W11	3776	06	18.5	6	SN		3	V	0827	95	1.0	
	YUNN	19	0827	0834	0858	N12	W12	3776	06	18.4	31	SF			C		64	.7	E
	HTPR	19	0827	0838	0844	N11	W13	3776	06	18.4	17	SF			C	0838	80	.8	E
	MONT	19	0848E	0848	0857D	N18	W05	3776	06	19.0	9D	SN			C	0848	70		
0547	CATA	19	0830	0835	0850D	N25	W06		06	18.9	20D	S		2	P	0835	56	.6	
0548	CATA	19	1050	1050	1055D	N16	E22	3781	06	21.1	5D	S		2	P	1050	112	1.3	
0549		19	1113	11205	1212	N24	W08		06	18.8	59	SB					110	1.2	I
	HTPR	19	1113	1120	1212	N24	W08		06	18.8	59	SB			C	1120	80	.9	I
	CATA	19	1125E	1125	1150D	N24	W07		06	18.9	25D	S		2	P	1125	140	1.6	
0550	HTPR	19	1148	1154	1259	N15	W09	3776	06	18.8	71	SB			C	1154	100	1.0	E
0551		19	13196	1330	1347	N10	W16	3776	06	18.3	28	SF					50	.3	E
	HTPR	19	1319	1330	1345	N10	W15	3776	06	18.4	26	SF			C	1330	20	.2	
	HTPR	19	1325	1330	1343	N11	W17	3776	06	18.3	18	SF			C	1330	40	.4	E
	RAMY	19	1330E	1331U	1353	N09	W15	3776	06	18.4	23D	SN		3	C		89		
0552	HTPR	19	1413	1421	1430	N15	E60	3782	06	24.1	17	SN			C	1421	60	1.2	
0553	HTPR	19	1512	1512	1521	S20	E10	3780	06	20.4	9	SF			C	1512	50	.5	E

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	Remarks
0554		19	15125	15183	1553	N15	E60	3782	06	24.2	41	SB	C 5.5				83	1.4	E
	BIGB	19	1512	1518	1605	N15	E61	3782	06	24.2	53	SB		3	C	1519	70	1.5	
	HOLL	19	1515	1518	1546	N13	E60	3782	06	24.2	31	SB		3	C		97		
	RAMY	19	1517	1519	1551	N16	E60	3782	06	24.2	34	SB	C 5.5	3	C		104		
	HTPR	19	1517	1521	1550	N15	E59	3782	06	24.1	33	SN			C	1521	60	1.2	E
0555	HOLL	19	1610	1611	1619	N14	W09	3776	06	19.0	9	SN		3	C		58		
0556		19	1616*	1631*	1720	N16	E18	3781	06	21.0	64	SN	C 4.1				111	.8	FK
	HOLL	19	1616	1631	1723	N15	E18	3781	06	21.0	67	SN	C 4.1	3	C		116		FK
	HOLL	19	1616	1645	1723	N15	E18	3781	06	21.0	67	SN		3	C		148		K
	BIGB	19	1642	1644	1713	N17	E18	3781	06	21.1	31	SN		3	C	1644	70	.8	
0557	HOLL	19	1632	1633	1639	N13	W10	3776	06	18.9	7	SN		3	C		30		
0558	HOLL	19	1649	1656	1659	N13	W13	3776	06	18.7	10	SF		3	C		104		
0559		19	1709*	17203	1754	N15	W12	3776	06	18.8	45	1B	C 8.6				216	1.1	E
	HOLL	19	1709	1720	1808	N14	W12	3776	06	18.8	59	1B	C 8.6	3	C		264		E
	BIGB	19	1714	1723	1747	N16	W12	3776	06	18.8	33	SB		3	C	1723	100	1.1	
	PALE	19	1719	1722	1748	N14	W11	3776	06	18.9	29	1B		2	C		283		
0560	PALE	19	1757	1757	1805	N15	E56	3782	06	24.0	8	SN		2	C		22		
0561	PALE	19	1814	1814	1840	N17	E17	3781	06	21.0	26	SN		3	C		21		E
0562		19	1816*	1817*	1836	N14	W13	3776	06	18.8	20	SN	C 3.3				91		EH
	PALE	19	1816	1817	1824	N15	W11	3776	06	18.9	8	SB		3	C		158		
	HOLL	19	1816	1818	1832	N15	W11	3776	06	18.9	16	SN	C 3.3	3	C		147		H
	PALE	19	1826	1836	1847	N14	W17	3776	06	18.5	21	SN		3	C		25		E
	HOLL	19	1833	1835	1839	N13	W12	3776	06	18.9	6	SF		3	C		35		
0563		19	19191	1920*	2027	N14	W24	3776	06	18.0	68	1B	M 2.3				314		EFKU
	HOLL	19	1919	1930	2027	N14	W24	3776	06	18.0	68	SN		3	C		121		K
	HOLL	19	1919	1955	2027	N14	W24	3776	06	18.0	68	2B	M 2.3	3	C		537		UEK
	PALE	19	1920	1920	1957D	N13	W25	3776	06	17.9	37D	SN		3	C		63		K
	PALE	19	1920	1956	1957D	N13	W25	3776	06	17.9	37D	2B		3	C		536		FEK
0564		19	1941*	1955*	2014	N16	E18	3781	06	21.2	33	SN					40		EF
	PALE	19	1941	1955	1957D	N17	E18	3781	06	21.2	16D	SN		3	C		47		E
	HOLL	19	1956	1956	1959	N16	E19	3781	06	21.3	3	SF		3	C		28		
	HOLL	19	1959	2007	2029	N16	E18	3781	06	21.2	30	SN		3	C		45		F
0565	HOLL	19	1956	1959	2015	N13	E56	3782	06	24.0	19	SB		3	C		42		F
0566	HOLL	19	2106	2110	2114	N16	E16	3781	06	21.1	8	SF		3	C		26		
0567	HOLL	19	2143	2147	2153	N16	E14	3781	06	21.0	10	SN	C 3.2	3	C		47		
0568		20	0005*	00207	0043	N13	W15	3776	06	18.9	38	SB	C 7.9				144	1.3	EFU
	BIGB	20	0005	0020	0040	N14	W15	3776	06	18.9	35	SN		3	C	0020	80	.9	
	LEAR	20	0014	0021	0100	N13	W14	3776	06	18.9	46	1B		3	C		203		FE
	MANI	20	0015	0020	0035	N14	W14	3776	06	18.9	20	1B		1	V		195	2.1	FE
	HOLL	20	0015	0020	0050	N14	W15	3776	06	18.9	35	SB	C 7.9	3	C		183		FE
	CULG	20	0016	0020	0033	N12	W15	3776	06	18.9	17	SB			C	0020	110	1.2	FE
	YUNN	20	0024	0027	0039	N13	W15	3776	06	18.9	15	SN			P		96	1.1	U
0569		20	00177	00253	0047	N15	E14	3781	06	21.1	30	SN	M 1.0				99	1.1	EF
	MANI	20	0017	0025	0045	N15	E14	3781	06	21.1	28	SB		1	V		95	1.0	FE
	HOLL	20	0018	0025	0053	N15	E15	3781	06	21.1	35	SB	M 1.0	3	C		97		FE
	LEAR	20	0020	0026	0057	N16	E13	3781	06	21.0	37	SB		3	C		81		FE
	YUNN	20	0024	0027	0033	N15	E14	3781	06	21.1	9	SN			P		161	1.8	F
	CULG	20	0024	0028	0047	N17	E15	3781	06	21.1	23	SF			C	0028	60	.6	F
0570	CULG	20	0047	0047	0051	N11	W26	3776	06	18.1	4	SF			C	0047	40	.4	F
0571		20	01131	01131	0119	N12	W26	3776	06	18.1	6	SB	M 1.1				68	.8	F
	CULG	20	0113	0113	0118	N10	W26	3776	06	18.1	5	SN			C	0113	40	.4	F
	HOLL	20	0113	0113	0118	N12	W26	3776	06	18.1	5	SB		3	C		54		
	YUNN	20	0113	0114	0115D	N13	W27	3776	06	18.0	2D	SN			P		96	1.1	
	LEAR	20	0114	0114	0121	N11	W26	3776	06	18.1	7	SB	M 1.1	3	C		81		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt Xray	Obs See Type	Time (UT)	Area Apparent (10-6 Disk)	Measurement Corr (Sq Deg)	Remarks
0572	LEAR	20	0147	0148	0200	N17	E17	3781	06 21.4	13	SN	3 C		39		
0573		20	0149*	0150*	0259	N12	W18	3776	06 18.7	70	2B M 1.0					
	VORO	20	0149	0150	0258	N14	W20	3776	06 18.6	69	3B	C	0155	641	8.5	EFJK
	LEAR	20	0150	0155	0308	N12	W15	3776	06 18.9	78	1B	3 C		1586	17.7	EJK
	MANI	20	0151	0153	0200D	N14	W17	3776	06 18.8	9D	2B	1 V		316		
	YUNN	20	0155E	0157	0240	N11	W19	3776	06 18.6	45D	2B	P		875	9.5	FE
	MITK	20	0204E	0205	0305	N11	W22	3776	06 18.4	61D	1N	C	0205	852	9.4	FK
	LEAR	20	0250	0255	0308	N12	W15	3776	06 19.0	18	1B M 1.0	3 C		460	5.1	E
	YUNN	20	0252	0255	0257	N14	W17	3776	06 18.8	5	SN	C		316		
														80	.9	
0574		20	0230	0230I	0243	N16	E17	3781	06 21.4	13	SN			29	.4	D
	LEAR	20	0230	0230	0249	N16	E17	3781	06 21.4	19	SN	3 C		26		
	YUNN	20	0230	0231	0237	N16	E17	3781	06 21.4	7	SN	C		32	.4	D
0575	LEAR	20	0334	0336	0342	N18	E14	3781	06 21.2	8	SF	3 C		39		
0576		20	03583	03584	0429	N15	E13	3781	06 21.1	31	SN			180	2.4	EFV
	ABST	20	0352E	0358	0435	N16	E14	3781	06 21.2	43D	SN	P	0358	174	1.9	E
	LEAR	20	0358	0401	0417	N13	E13	3781	06 21.1	19	SN	3 C		105		F
	ABST	20	0401	0402	0435	N15	E12	3781	06 21.1	34	1F	C	0402	261	2.8	EV
0577	ABST	20	0352	0359	0406	N16	E51	3782	06 24.0	14	SN	C	0359	87	1.5	D
0578		20	0359*	04034	0412	N12	W29	3776	06 18.0	13	1N M 1.7			145	1.6	DEK
	ABST	20	0359	0403	0412	N11	W30	3776	06 17.9	13	1F	C	0403	174	2.1	EK
	LEAR	20	0400	0404	0411	N11	W28	3776	06 18.1	11	SB M 1.7	3 C		181		
	YUNN	20	0404E	0407	0410	N12	W29	3776	06 18.0	6D	SN	P		48	.6	
	TACH	20	0410		0415	N12	W30	3776	06 17.9	5	1	C	0410	177	2.1	D
0579		20	04281	04292	0438	N14	E51	3782	06 24.0	10	SN			53	1.5	DK
	ABST	20	0428	0431	0440	N16	E51	3782	06 24.0	12	SN	C	0431	87	1.5	DK
	LEAR	20	0429	0429	0437	N13	E51	3782	06 24.0	8	SF	3 C		19		
0580	LEAR	20	0442	0443	0448	N11	W18	3776	06 18.8	6	SN C 3.5	3 C		28		F
0581		20	04523	04572	0507	N17	E13	3781	06 21.2	15	SN C 4.6			92	1.2	EK
	LEAR	20	0452	0459	0507	N16	E13	3781	06 21.2	15	SN C 4.6	3 C		63		
	CULG	20	0454	0458	0505	N18	E12	3781	06 21.1	11	SF	C	0458	40	.4	
	ABST	20	0455	0457	0510	N17	E15	3781	06 21.3	15	SN	C	0457	174	1.9	EK
0582		20	05321	05331	0536	N14	E12	3781	06 21.1	4	SN			55	.6	
	CULG	20	0532	0533	0535	N15	E11	3781	06 21.1	3	SN	C	0533	60	.6	
	LEAR	20	0533	0534	0536	N14	E12	3781	06 21.1	3	SN	3 C		50		
0583		20	05528	0553*	0615	N11	W30	3776	06 18.0	23	SN			95	1.4	EFK
	LEAR	20	0552	0553	0615	N11	W30	3776	06 18.0	23	SN	3 C		46		K
	LEAR	20	0552	0608	0615	N11	W30	3776	06 18.0	23	SB	3 C		62		FEK
	CATA	20	0600E	0600	0615	N12	W31	3776	06 17.9	15D	S	1 P	0600	112	1.4	
	ABST	20	0600	0609	0618	N11	W30	3776	06 18.0	18	1F	C	0609	174	2.1	EK
	ATHN	20	0607E	0609	0612	N13	W28	3776	06 18.1	5D	SN	3 V	0609	80	.8	
0584	ABST	20	0618	0620	0625D	N16	E51	3782	06 24.1	7D	SN	P	0620	87	1.5	DK
0585		20	06236	06301	0643	N15	E12	3781	06 21.2	20	SN			43		EF
	MITK	20	0623	0631	0640	N18	E12	3781	06 21.2	17	SN	C	0631			E
	LEAR	20	0629	0630	0646	N12	E11	3781	06 21.1	17	SN	3 C		43		F
0586		20	06313	06335	0642	N13	W30	3776	06 18.0	11	1N			256	2.9	DEF
	ATHN	20	0631	0633	0642	N13	W28	3776	06 18.1	11	1B	3 V	0633	286	3.1	
	MITK	20	0632	0636	0642	N12	W30	3776	06 18.0	10	1N	C	0636	300	3.6	D
	LEAR	20	0633	0637	0646	N11	W30	3776	06 18.0	13	1B	3 C		300		FE
	ISTA	20	0634		0640	N15	W31	3776	06 17.9	6	1N					D
	PURP	20	0634	0635	0638D	N13	W33	3776	06 17.8	4D	SN	P	0635	84	1.1	
	CATA	20	0638E	0638	0645D	N13	W31	3776	06 17.9	7D	1	1 P	0638	309	3.8	
0587		20	06478	06585	0722	N14	E10	3781	06 21.0	35	SN			190	2.8	EF
	ABST	20	0647	0703	0710D	N16	E10	3781	06 21.0	23D	1N	P	0703	262	2.8	E
	LEAR	20	0651	0659	0726	N13	E11	3781	06 21.1	35	SN	3 C		117		F
	ISTA	20	0655		0711	N13	E11	3781	06 21.1	16	SF					E
	KANZ	20	0658E	0658	0728	N14	E10	3781	06 21.0	30D	SN	3				

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0588	ABST	20	0647E	0647	0650D	N04	W24		06	18.5	3D	SN			P	0647	87	.9	D
0589	KANZ	20	0834	0834	0842	N10	W30	3776	06	18.1	8	SF		3					
0590	CATA	20	0905	0925	0930	N12	W32	3776	06	18.0	25	S		2	P	0925	56	.7	
0591	KANZ	20	0950	0954	1006	N18	E09	3781	06	21.1	16	SN		3					
0592	KANZ	20	1002	1010	1014	N11	W32	3776	06	18.0	12	SN		3					
0593	CATA	20	1105	1105	1150D	N08	E08		06	21.1	45D	S		2	P	1105	112	1.2	
0594		20	1159	12014	1220	N18	E11	3781	06	21.3	21	SN					106	1.4	F
	KANZ	20	1157E	1205	1209D	N18	E07	3781	06	21.0	12D	1N		2					
	ATHN	20	1159	1201	1209	N18	E13	3781	06	21.5	10	SB		3	V	1201	127	1.4	
	HOLL	20	1209E	1209U	1232	N18	E13	3781	06	21.5	23D	SN		3	C		85		F
0595	HOLL	20	1416	1420	1427	N13	E08	3781	06	21.2	11	SN	C 4.5	3	C		48		F
0596	BIGB	20	1702	1710	1816	N13	E17	3781	06	22.0	74	SB		3	C	1710	160	1.7	
0597		20	1712E	1712	1830	N13	E07	3781	06	21.2	78D	1B					214	1.7	EF
	WEND	20	1712E	1712	1727D	N13	E08	3781	06	21.3	15D	SB			C	1712	162	1.7	
	PALE	20	1724E	1724U	1830	N13	E06	3781	06	21.2	66D	1B		3	C		267		FE
0598	PALE	20	1842	1849	1901	N15	E41	3782	06	23.9	19	SN		3	C		24		E
0599	HOLL	20	2041E	2042U	2100	N15	E02	3781	06	21.0	19D	SN	C 6.8	3	C		90		F
0600		20	22213	22279	2330	N16	E01	3781	06	21.0	69	1N	M 3.6				256	2.4	EFW
	CULG	20	2221	2227	2302D	N16	E00	3781	06	20.9	41D	SN			P	2227	120	1.2	WF
	HOLL	20	2224	2232	2250D	N16	E01	3781	06	21.0	26D	1B	M 3.6	3	C		298		FE
	MITK	20	2230E	2236	2330	N15	E01	3781	06	21.0	60D	1N			C	2236	350	3.7	E
0601		21	0058*	0113*	0154	N14	E01	3781	06	21.1	56	1N	M 3.6				215	1.6	EFHKU
	LEAR	21	0058	0128	0242	N13	W00	3781	06	21.0	104	2B	M 3.6	3	C		531		UF
	MITK	21	0109	0126	0155	N14	E02	3781	06	21.2	46	SN			C	0126			EH
	YUNN	21	0110	0113	0116	N15	E02	3781	06	21.2	6	SN			C		80	.9	E
	CULG	21	0110E	0113U	0138D	N14	E00	3781	06	21.0	28D	SN			P	0113	180	1.8	F
	VORO	21	0112E		0142D	N15	E03	3781	06	21.3	30D	1N			P	0127	224	2.3	EK
	BIGB	21	0113	0115	0123D	N15	E02	3781	06	21.2	10D	SN		3	P	0115	180	1.9	
	YUNN	21	0120	0128	0142	N15	E02	3781	06	21.2	22	SN			C		96	1.0	E
0602	LEAR	21	0234	0237	0256	N16	W37	3776	06	18.3	22	SF		3	C		53		F
0603		21	0244*	0249*	0443	N16	W06	3781	06	20.6	119	1N	M 1.9				228	2.0	DEFJK
	LEAR	21	0244	0251	0547	N16	W05	3781	06	20.7	183	1B		0	C		361		K
	LEAR	21	0244	0455	0547	N16	W05	3781	06	20.7	183	1B	M 1.9	0	C		286		FEK
	VORO	21	0247	0249	0253	N18	W02	3781	06	21.0	6	SF			C	0249	116	1.2	J
	YUNN	21	0350	0352	0400	N16	W07	3781	06	20.6	10	SN			P		64	.7	E
	ABST	21	0441E	0447	0507	N13	W11	3781	06	20.4	26D	SN			P	0447	87	.9	DJK
	PEKG	21	0452E	0454	0502D	N15	W05	3781	06	20.8	10D	1B			P	0454	421	4.5	F
	ABST	21	0452	0519	0532D	N16	W05	3781	06	20.8	40D	1N			C	0458	262	2.8	F
0604	ABST	21	0558E	0601	0616	N13	W11	3781	06	20.4	18D	SN			P	0601	87	.9	D
0605		21	06001	06006	0627	S16	W06	3780	06	20.8	27	SN					108	1.2	E
	ABST	21	0558E	0600	0650	S16	W06	3780	06	20.8	52D	SN			P	0600	131	1.4	E
	BUCA	21	0600E		0620	S16	W07	3780	06	20.7	20D	SN			C	0603	107	1.2	E
	LEAR	21	0600	0606	0621	S16	W06	3780	06	20.8	21	SN		3	C		98		
	PEKG	21	0601	0603U	0618	S17	W07	3780	06	20.7	17	SB			C	0603	97	1.1	E
0606		21	06047	0611*	0633	N17	E03	3781	06	21.5	29	SN					142	1.6	EFTU
	LEAR	21	0604	0613	0630	N18	E03	3781	06	21.5	26	SN		3	C		105		F
	ABST	21	0608	0611	0655	N16	E04	3781	06	21.5	47	SN			C	0611	174	1.8	E
	PEKG	21	0610	0613	0623	N17	E03	3781	06	21.5	13	SN			C	0613	189	2.0	FU
	YUNN	21	0611	0615	0625	N18	E03	3781	06	21.5	14	SN			P		48	.5	E
	CATA	21	0620E	0625	0635D	N18	E02	3781	06	21.4	15D	1		2	P	0625	197	2.1	T

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0607	CATA	21	0620E	0625	0635D	N12	W12	3781	06	20.3	15D	S		2	P	0625	56	.7	T
0608	ABST	21	0632	0636	0700	N16	E37	3782	06	24.1	28	SF			C	0636	87	1.1	D
0609	LEAR	21	0640	0648	0653	N15	W02	3781	06	21.1	13	SN		3	C		35		F
0610	KANZ	21	0741	0747	0801	N14	E35	3782	06	24.0	20	SF		3					
0611		21	0741	0744	0809	N16	W06	3781	06	20.9	28	SN					112	1.4	EF
	KANZ	21	0741	0745	0801	N16	W06	3781	06	20.9	20	SN		3					
	LEAR	21	0742	0744	0800	N16	W06	3781	06	20.9	18	SN		3	C		61		F
	BUCA	21	0744		0759	N17	W06	3781	06	20.9	15	SN			C	0744	150	1.6	E
	PEKG	21	0744	0749	0806	N17	W06	3781	06	20.9	22	SN			C	0749	126	1.4	E
	CATA	21	0745	0745	0840	N17	W07	3781	06	20.8	55	S		1	P	0745	112	1.2	
0612		21	0822	0826	0837	N15	W08	3781	06	20.7	15	SF					70	1.1	E
	PEKG	21	0822	0826	0832	N15	W07	3781	06	20.8	10	SF			C	0826	105	1.1	E
	LEAR	21	0822	0828	0846	N15	W08	3781	06	20.7	24	SN		3	C		36		
	KANZ	21	0824	0828	0832	N15	W08	3781	06	20.7	8	SF		3					
0613	KANZ	21	0824	0828	0832D	N14	E33	3782	06	23.8	8D	SF		3					
0614		21	0908	0852*	0904	N14	W05	3781	06	21.0	1436	SN					86	1.2	EF
	YUNN	21	0850E	0854	0905	N14	W03	3781	06	21.1	15D	SN			P		64	.7	E
	PEKG	21	0852E	0852	0903	N13	W04	3781	06	21.1	11D	SN			P	0852	151	1.6	E
	LEAR	21	0908	0912	0913D	N14	W07	3781	06	20.8	5D	SN		2	C		44		F
0615	KANZ	21	0943	0943	1003D	N13	W06	3781	06	20.9	20D	SN		3					
0616		21	1055*	1110*	1128	N16	W07	3781	06	20.9	33	SN					131	1.4	
	CATA	21	1055	1110	1128	N17	W01	3781	06	21.4	33	1		2	C	1110	197	2.1	
	CATA	21	1110	1110	1128	N12	W13	3781	06	20.5	18	S		2	C	1110	140	1.5	
	ATHN	21	1117	1119	1123D	N16	W08	3781	06	20.9	6D	SN		3	V	1119	48	.5	
	CATA	21	1120	1120	1145D	N17	W07	3781	06	20.9	25D	S		2	P	1120	140	1.5	
0617	KANZ	21	1253	1257	1309	N16	E35	3782	06	24.2	16	SF		3					
0618		21	1323*	1325*	1348	N14	E32	3782	06	24.0	25	SN	C 4.4				57		EF
	HOLL	21	1323	1325	1343	N14	E32	3782	06	24.0	20	SB	C 4.4	3	C		85		FE
	HOLL	21	1347	1347	1353	N14	E32	3782	06	24.0	6	SF		3	C		29		F
0619	HOLL	21	1344	1349	1405	N16	W44	3776	06	18.2	21	SF		3	C		31		F
0620	HOLL	21	1520	1520	1528	N17	W45	3776	06	18.2	8	SN		3	C		22		F
0621	HOLL	21	1522	1525	1534	N17	W10	3781	06	20.9	12	SN	C 3.2	3	C		36		
0622	HOLL	21	1559	1603	1609	N15	E32	3782	06	24.1	10	SF		3	C		44		F
0623		21	1607	1611*	1803	N15	W08	3781	06	21.1	116	1B	M 3.6				294		EK
	HOLL	21	1607	1611	1803	N15	W08	3781	06	21.1	116	1B	M 3.6	3	C		440		EK
	HOLL	21	1607	1653	1803	N15	W08	3781	06	21.1	116	SB		3	C		149		K
0624		21	1738	1746	1755	N14	E30	3782	06	24.0	17	SN					36		F
	PALE	21	1738	1748	1800	N15	E29	3782	06	23.9	22	SN		3	C		49		F
	HOLL	21	1746	1746	1750	N14	E30	3782	06	24.0	4	SF		3	C		23		
0625	HOLL	21	1804	1811	1843	N17	W46	3776	06	18.2	39	SF		3	C		49		
0626	PALE	21	1808	1809	1819	N10	W42	3776	06	18.6	11	SN		3	C		29		F
0627	PALE	21	1850	1850	1856	N10	W43	3776	06	18.5	6	SF		3	C		22		
0628		21	1904	1913	1937	N15	E29	3782	06	24.0	33	SN	C 4.1				80		
	HOLL	21	1904	1913	1937	N14	E28	3782	06	23.9	33	SN	C 4.1	3	C		87		
	PALE	21	1904E	1917	1925D	N16	E30	3782	06	24.1	21D	SN		3	C		72		
0629		21	1925	1915*	1955	N16	W10	3781	06	21.0	30	SB					47		F
	PALE	21	1904E	1915	1925D	N16	W11	3781	06	21.0	21D	SB		3	C		38		F
	HOLL	21	1925	1930	1955	N15	W10	3781	06	21.0	30	SN		3	C		56		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Apparent (10 ⁻⁶ Disk)	Measurement Corr (Sq Deg)	Remarks
0630		21	1933	1933	1946	S18	W12	3780	06	20.9	13	SF					22		
	PALE	21	1932E	1932U	1950D	S16	W14	3780	06	20.7	18D	SF		2	C		22		
	HOLL	21	1933	1933	1946	S19	W10	3780	06	21.0	13	SF		3	C		23		
0631	HOLL	21	2114	2121	2143	N13	E28	3782	06	24.0	29	SN	C 2.9	3	C		65		
0632		21	2214*	2217*	2401	N15	W12	3781	06	21.0	107	1N	M 1.3				236	2.4	EFKU
	HOLL	21	2214	2217	2316D	N15	W12	3781	06	21.0	62D	SN		3	C		82		K
	HOLL	21	2214	2306	2316D	N15	W12	3781	06	21.0	62D	1B	M 1.3	3	C		423		U FK
	CULG	21	2226	2227	2240	N15	W12	3781	06	21.0	14	SN			C	2227	120	1.2	F
	CULG	21	2259	2303	2440	N15	W13	3781	06	21.0	101	1B			C	2303	340	3.7	FE
	MANI	21	2305E	2305U	2314D	N14	W13	3781	06	21.0	9D	1N		1	V		250	2.7	FE
	MITK	21	2311E		2443	N16	W13	3781	06	21.0	92D	1N			C	2311	200	2.2	E
0633	CULG	21	2227	2227	2227	N10	W44	3776	06	18.6	92	SF			C	2227	20	.2	
0634	CULG	21	2252	2252	2253	N10	W42	3776	06	18.8	1	SF			C	2252	40	.5	
0635		21	2343E	2355*	2458	N16	W13	3781	06	21.0	75D	1B					212		EFK
	LEAR	21	2343E	2355	2458	N16	W13	3781	06	21.0	75D	SN		3	C		172		K
	LEAR	21	2343E	2412	2458	N16	W13	3781	06	21.0	75D	1B		3	C		251		FEK
0636		22	0009	0011	0023	N15	E25	3782	06	23.9	14	SF					70	.8	
	CULG	22	0009	0011	0023	N16	E26	3782	06	24.0	14	SF			C	0011	60	.7	
	MANI	22	0011E	0011U	0017D	N14	E24	3782	06	23.8	6D	SF		1	V		80	.9	
0637	MANI	22	0011E	0011U	0017D	N15	W15	3781	06	20.9	6D	SN	M 2.0	1	V		120	1.3	F
0638		22	0121	0128	0146	N15	W16	3781	06	20.8	25	1N					203	4.1	F
	LEAR	22	0121	0128	0153	N15	W16	3781	06	20.8	32	SN		3	C		128		F
	PEKG	22	0128E	0128	0138	N15	W15	3781	06	20.9	10D	1N			C	0128	278	4.1	F
0639	PEKG	22	0125	0128	0135	N15	E26	3782	06	24.0	10	1N			P	0128	210	2.5	F
0640	LEAR	22	0125	0125	0129	S17	W19	3780	06	20.6	4	SF		3	C		30		F
0641		22	01471	0148*	0217	S17	W18	3780	06	20.7	30	SF					42	.6	F
	CULG	22	0147	0148	0206U	S17	W17	3780	06	20.8	19U	SF			C	0148	60	.6	F
	LEAR	22	0148	0206	0217	S17	W18	3780	06	20.7	29	SF		3	C		24		
0642		22	02443	02512	0322	N15	E25	3782	06	24.0	38	1N	C 4.2				190	2.4	F
	LEAR	22	0244	0252	0327	N14	E25	3782	06	24.0	43	SN	C 4.2	3	C		146		F
	PEKG	22	0247E	0251	0329	N15	E25	3782	06	24.0	42D	1N			P	0251	185	2.3	F
	CULG	22	0247	0253	0309	N16	E25	3782	06	24.0	22	1N			C	0253	240	2.6	F
0643	LEAR	22	0246	0247	0255	N14	W17	3781	06	20.8	9	SF		3	C		30		
0644		22	0511*	0517*	0633	N16	W15	3781	06	21.1	82	1B	M 2.5				279	3.6	EFJKTU
	LEAR	22	0511	0517	0741	N16	W16	3781	06	21.0	150	SN		3	C		45		K
	LEAR	22	0511	0538	0741	N16	W16	3781	06	21.0	150	1B	M 2.5	3	C		243		FEK
	CULG	22	0527	0533	0612	N13	W15	3781	06	21.1	45	S8			C	0533	170	1.9	JF
	TACH	22	0528	0534	0605	N16	W14	3781	06	21.2	37	1B			C	0534	221	2.4	TU
	PEKG	22	0531E	0540	0603	N17	W15	3781	06	21.1	32D	1B			P	0540	336	3.7	F
	MANI	22	0532E	0534	0605	N15	W16	3781	06	21.0	33D	1B		1	V		275	3.0	FE
	ABST	22	0535E	0553	0553D	N15	W15	3781	06	21.1	18D	2N			P	0553	522	5.8	E
	PEKG	22	0547	0556	0602	N16	W15	3781	06	21.1	15	1B			C	0556	421	4.6	F
0645		22	0620	0629*	0710	N17	W18	3781	06	20.9	50	1N					208	2.3	BEF
	PEKG	22	0620	0629	0710	N17	W17	3781	06	21.0	50	1N			C	0629	463	5.1	F
	YUNN	22	0623E	0628U	0631D	N17	W19	3781	06	20.8	8D	SN			P	0628	96	1.1	E
	KANZ	22	0650E		0725	N16	W17	3781	06	21.0	35D	1N		3					B
	YUNN	22	0653E	0653	0656	N17	W20	3781	06	20.8	3D	SN			P		64	.7	E
0646	KANZ	22	0729	0729	0737	N11	W57	3776	06	18.0	8	SF		3					
0647		22	07505	07561	0806	N11	W50	3776	06	18.6	16	SF					35	.5	E
	PEKG	22	0750	0756	0756D	N08	W48	3776	06	18.7	6D	SF			P	0756	34	.5	E
	LEAR	22	0755	0757	0806	N14	W51	3776	06	18.5	11	SF		3	C		36		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0648		22	08291	08313	0845	N14	W19	3781	06	20.9	16	SN	C 3.6				76		
	MONT	22	0829	0831	0835	N15	W19	3781	06	20.9	6	SF			C	0831	50		
	LEAR	22	0829	0831	0855	N14	W19	3781	06	20.9	26	SN	C 3.6	3	C		102		
	KANZ	22	0830	0834	0845	N14	W19	3781	06	20.9	15	SN		3					
0649		22	1020*	1026*	1100	N14	W14	3781	06	21.4	40	1B					224	2.2	
	CATA	22	1020	1030	1100	N13	W16	3781	06	21.2	40	1		2	C	1030	197	2.2	
	KANZ	22	1022	1026	1034D	N15	W11	3781	06	21.6	120	SB		1					
	MONT	22	1032	1036	1050D	N13	W14	3781	06	21.4	180	1N			C	1036	250		
0650		22	12173	12214	1242	N16	W18	3781	06	21.1	25	SB					95	1.0	
	KANZ	22	1217	1225	1248	N16	W19	3781	06	21.1	31	SN		2					
	ATHN	22	1220	1221	1235	N17	W16	3781	06	21.3	15	SB		4	V	1221	95	1.0	
0651	HOLL	22	1422	1436	1550	N17	W21	3781	06	21.0	88	1B	M 3.8	3	C		392		EU
0652	HOLL	22	1540	1555	1612	N14	E18	3782	06	24.0	32	SF		3	C		50		
0653	PALE	22	1732	1734	1750	N16	W21	3781	06	21.1	18	SF		3	C		37		
0654	PALE	22	1817	1818	1828	N15	E12	3782	06	23.7	11	SB		3	C		52		F
0655		22	18291	18334	1937	N16	W22	3781	06	21.1	68	1B	M 2.7				254		EF
	HOLL	22	1829	1837	2015D	N16	W22	3781	06	21.1	1060	1B	M 2.7	3	C		319		E
	PALE	22	1830	1833	1937	N17	W22	3781	06	21.1	67	SB		3	C		188		FE
0656		22	18378	1846	1908	N10	W56	3776	06	18.6	31	SB					82		EF
	HOLL	22	1837	1846	1916	N11	W56	3776	06	18.6	39	SN		3	C		105		
	PALE	22	1845	1846	1859	N09	W55	3776	06	18.6	14	SB		3	C		60		FE
		22	2054		2111	No Flare Patrol													
		22	2125		2130	No Flare Patrol													
		22	2205		2214	No Flare Patrol													
0657		22	2336*	2351*	2451	N17	W24	3781	06	21.1	75	SB					207	2.3	EFJ
	HOLL	22	2336	2407	2510	N18	W24	3781	06	21.1	94	1B		3	C		252		
	BIGB	22	2338	2351	2504	N18	W24	3781	06	21.1	86	SN		3	C	2351	110	1.2	
	PEKG	22	2340E	2409	2450	N18	W24	3781	06	21.1	70D	1B			P	2409	336	3.9	F
	CULG	23	0005	0008	0028	N17	W25	3781	06	21.1	23	SB			C	0008	160	1.8	J
	LEAR	23	0009E	0009	0043	N16	W25	3781	06	21.1	34D	SB		3	C		178		FE
0658		23	00491	00505	0104	N16	E09	3782	06	23.7	15	SN					32	.4	D
	HOLL	23	0049	0050	0104	N16	E08	3782	06	23.6	15	SN		3	C		36		
	LEAR	23	0050	0050	0101	N16	E09	3782	06	23.7	11	SN		3	C		23		
	PEKG	23	0050	0055	0108	N16	E09	3782	06	23.7	18	SN			C	0055	38	.4	D
0659	PEKG	23	0129	0135	0148	N11	W60	3776	06	18.5	19	SN			C	0135	92	2.0	E
0660	PEKG	23	0130	0134	0158D	N14	E13	3782	06	24.0	28D	SN			C	0134	42	.4	D
0661		23	0232	0236	0302	N18	W22	3781	06	21.4	30	1N	C 4.1				134	2.4	EF
	LEAR	23	0232	0236	0259	N18	W20	3781	06	21.6	27	SN	C 4.1	3	C		58		F
	PEKG	23	0235E	0235U	0305	N18	W23	3781	06	21.3	30D	1N			C	0235	210	2.4	E
0662		23	0310	03131	0320	N14	E08	3782	06	23.7	10	SN					73	.8	D
	PEKG	23	0310	0314	0320	N15	E07	3782	06	23.7	10	SN			P	0314	76	.8	D
	CULG	23	0312E	0313	0321	N12	E09	3782	06	23.8	9D	SF			P	0313	70	.7	
0663	PEKG	23	0315	0316	0318	N11	W68	3776	06	18.0	3	SN			C	0316	38		D
0664		23	03272	03314	0355	N17	W26	3781	06	21.2	28	SN	C 5.6				96	1.3	EF
	PEKG	23	0327	0335	0404	N18	W26	3781	06	21.2	37	SN			C	0335	168	2.0	E
	CULG	23	0329	0331	0346	N16	W27	3781	06	21.1	17	SN			C	0331	50	.6	F
	LEAR	23	0329	0335	0356	N17	W26	3781	06	21.2	27	SN	C 5.6	3	C		70		F
0665		23	03382	03413	0350	N12	W68	3776	06	18.0	12	SN					116	1.9	EF
	CULG	23	0338	0341	0349	N11	W66	3776	06	18.2	11	SF			C	0341	80	1.9	
	LEAR	23	0339	0342	0352	N12	W69	3776	06	17.9	13	SN		3	C		121		F
	PEKG	23	0340	0344	0350	N12	W70	3776	06	17.9	10	1B			C	0344	147		E

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0666	ABST	23	0401	0407	0410	N16	W27	3781	06	21.1	9	SF			C	0407	87	1.0	D
0667		23	04439	05042	0553	N17	W27	3781	06	21.1	70	SN	C 3.5				136	1.8	EF
	LEAR	23	0443	0504	0556	N17	W27	3781	06	21.1	73	SN	C 3.5	3	C		107		F
	PEKG	23	0444E	0456U	0530D	N17	W27	3781	06	21.1	46D	SF			P	0456	126	1.5	E
	ABST	23	0452	0506	0550	N16	W27	3781	06	21.1	58	1N			C	0506	174	2.1	E
0668	PEKG	23	0559E	0610	0619D	N17	W29	3781	06	21.0	20D	SN			P	0610	84	1.0	E
0669	ABST	23	0601	0611	0630D	N14	E08	3782	06	23.8	29D	SF			C	0611	131	1.3	E
0670		23	0625*	0643*	0808	N17	W29	3781	06	21.1	103	2N	M 4.4				486	7.1	CEFHKLO
	ABST	23	0625	0654	0751D	N16	W28	3781	06	21.1	86D	2F			C	0654	786	9.5	F
	ISTA	23	0628		0731	N17	W30	3781	06	21.0	63	3B							F
	LEAR	23	0630	0643	0828	N17	W28	3781	06	21.1	118	SB		3	C		88		K
	LEAR	23	0630	0653	0828	N17	W28	3781	06	21.1	118	1B	M 4.4	3	C		234		FEK
	BUCA	23	0631	0657	0800D	N17	W30	3781	06	21.0	89D	2N			C	0657	967	11.9	
	PEKG	23	0634	0652U	0755D	N17	W30	3781	06	21.0	81D	2N			C	0652	421	5.2	FK
	PEKG	23	0634	0725U	0755D	N17	W32	3781	06	20.8	81D	2N			C	0725	505	6.3	FI
	KHAR	23	0640E	0657	0758D	N15	W33	3781	06	20.8	78D	1N			P	0700	400	5.0	CEHKLO
	ATHN	23	0647	0659	0735	N17	W28	3781	06	21.1	48	1N		2	V	0659	191	2.3	
	CATA	23	0652E	0655	0840	N18	W29	3781	06	21.1	108D	2		2	P	0655	787	9.6	
0671		23	0630	0630	0636	N07	W60	3776	06	18.8	6	SN					32	.7	F
	CULG	23	0630E	0630U	0633	N07	W59	3776	06	18.8	3D	SF			P	0630	40	.7	F
	LEAR	23	0630	0630	0638	N07	W61	3776	06	18.7	8	SN		3	C		23		F
0672	LEAR	23	0801	0802	0809	N08	W61	3776	06	18.8	8	SN		3	C		16		
0673	LEAR	23	0838	0840	0856	N11	W61	3776	06	18.8	18	SN		3	C		41		
0674		23	09062	0911	0930D	N14	W34	3781	06	20.8	24D	SN					60	1.0	F
	PEKG	23	0906	0914U	0930D	N15	W32	3781	06	20.9	24D	SF			C	0914	84	1.0	F
	LEAR	23	0908	0911	0918D	N14	W35	3781	06	20.7	10D	SN		3	C		35		
0675	PEKG	23	1001	1007	1010	N17	W29	3781	06	21.2	9	SN			C	1007	92	1.1	E
0676		23	10196	10269	1113	N18	W31	3781	06	21.1	54	SB					223	3.0	
	MONT	23	1019	1026	1026D	N18	W31	3781	06	21.1	7D	SN			C	1026	180		
	ATHN	23	1024	1026	1113	N18	W29	3781	06	21.2	49	SB		4	V	1026	95	1.2	
	CATA	23	1025	1035	1110D	N17	W32	3781	06	21.0	45D	1		1	P	1035	394	4.9	
0677		23	1158	1159*	1324	N17	W31	3781	06	21.1	86	1N					280	2.6	F
	RAMY	23	1145E	1159	1408	N17	W31	3781	06	21.1	143D	2B		3	C		575		
	ATHN	23	1158	1213	1249	N18	W30	3781	06	21.2	51	1B		4	V	1213	207	2.6	
	HOLL	23	1235E	1235U	1314	N15	W31	3781	06	21.2	39D	SF		3	C		57		F
0678	RAMY	23	1236	1238	1242	N13	W70	3776	06	18.2	6	SF		3	C		35		
0679		23	15451	15486	1628	N15	W29	3781	06	21.5	43	SN	C 2.1				82	1.1	F
	BIGB	23	1545	1554	1632	N15	W30	3781	06	21.4	47	SN		3	C	1554	90	1.1	
	HOLL	23	1546	1548	1623	N15	W28	3781	06	21.5	37	SF	C 2.1	3	C		75		F
0680		23	17116	17176	1737	N18	W32	3781	06	21.3	26	SN	C 2.9				71	1.5	F
	RAMY	23	1711	1717	1737	N18	W33	3781	06	21.2	26	SB	C 2.9	3	C		77		F
	HOLL	23	1716	1717	1740	N18	W31	3781	06	21.3	24	SN		3	C		48		F
	BIGB	23	1716	1723	1737	N18	W32	3781	06	21.3	21	SN		3	C	1723	120	1.5	
	PALE	23	1717	1717	1734	N17	W32	3781	06	21.3	17	SF		3	C		39		F
0681		23	17513	18002	1824	N16	W36	3781	06	21.0	33	SN					28		F
	HOLL	23	1751	1802	1822	N17	W36	3781	06	21.0	31	SN		3	C		31		
	PALE	23	1754	1800	1827	N16	W36	3781	06	21.0	33	SF		3	C		24		F
0682	PALE	23	1811	1812	1829	N15	E02	3782	06	23.9	18	SF		3	C		53		
0683	PALE	23	1811	1811	1815	N11	W71	3776	06	18.4	4	SF		3	C		21		
0684		23	18391	1842*	2050	N15	W36	3781	06	21.0	131	1B	M 1.0				221		FK
	HOLL	23	1839	1843	2050	N15	W35	3781	06	21.1	131	SN		3	C		117		K
	HOLL	23	1839	1909	2050	N15	W35	3781	06	21.1	131	1B		3	C		315		K
	PALE	23	1840	1842	2057D	N16	W37	3781	06	21.0	137D	1B	M 1.0	3	C		232		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF/				CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
						Lat	CMD	Region									Apparent (10-6 Disk)	Corr (Sq Deg)	
0685	HOLL	23	1859	1903	1909	N14	W70	3776	06	18.5	10	SF		3	C		22		
		23	1945		1952	No Flare Patrol													
		23	2054		2117	No Flare Patrol													
0686		23	23294	23315	2434	N16	W38	3781	06	21.1	65	1B					254	2.6	FJ
	CULG	23	2329	2331	2359	N16	W37	3781	06	21.2	30	1B			C	2331	180	2.3	JF
	BIGB	23	2329	2335	2510	N18	W38	3781	06	21.1	101	1N		3	C	2335	220	2.9	
	HOLL	23	2333	2336	2506D	N15	W38	3781	06	21.1	93D	1B		3	C		363		
0687	PEKG	23	2348E	2349	2442	N19	W38	3781	06	21.1	54D	1N			P	2349	210	2.9	FT
0688	CULG	24	0021	0022	0025	N16	W36	3781	06	21.3	4	SN			C	0022	60	.7	
0689		24	02073	02076	0221	N16	W76	3776	06	18.3	14	SF					46		E
	LEAR	24	0207	0207	0224	N17	W76	3776	06	18.3	17	SN		3	C				
	CULG	24	0207	0208	0218	N15	W77	3776	06	18.2	11	1F			C	0208	70		
	PEKG	24	0210	0213	0214D	N17	W75	3776	06	18.4	4D	SF			P	0213	21		E
0690	PEKG	24	0235	0240	0245	N14	W37	3781	06	21.3	10	SF			P	0240	13	.2	D
0691	PEKG	24	0310	0317	0331	N14	W37	3781	06	21.3	21	SF			C	0317	29	.4	D
0692	CULG	24	0312	0315	0325	N19	W52	3781	06	20.2	13	SF			C	0315	40	.6	
0693		24	04102	04152	0427	N10	W50	3781	06	20.4	17	1B	C 9.0				176	2.7	EFK
	CULG	24	0410	0415	0428	N09	W49	3781	06	20.5	18	SB			C	0415	120	1.8	FE
	PEKG	24	0410	0416	0425	N11	W49	3781	06	20.5	15	1B			C	0416	189	3.1	E
	TACH	24	0411	0416	0423	N10	W50	3781	06	20.4	12	1B			C	0416	221	3.6	E
	ABST	24	0411	0416	0430	N10	W51	3781	06	20.3	19	1N			C	0416	174	3.0	EK
	LEAR	24	0412	0415	0437	N09	W50	3781	06	20.4	25	1B	C 9.0	3	C		220		FE
	YUNN	24	0415E	0417	0420	N11	W51	3781	06	20.3	5D	1N			P		129	2.1	F
0694	CULG	24	0412	0413	0423	N08	W60	3776	06	19.7	11	SF			C	0413	70	1.4	
0695		24	0415	0417	0425	N18	W43	3781	06	20.9	10	SN					78	1.1	D
	CULG	24	0415	0417	0423	N16	W42	3781	06	21.0	8	SB			C	0417	60	.8	
	PEKG	24	0415	0417	0425	N19	W42	3781	06	21.0	10	SN			C	0417	88	1.3	D
	ABST	24	0415	0417	0426	N18	W44	3781	06	20.8	11	SF			C	0417	87	1.3	D
0696		24	04441	0445	0451	N10	W83	3776	06	18.0	7	SF	C 2.7				54		DG
	TACH	24	0444	0445	0451	N10	W85	3776	06	17.8	7	1N			C	0445	88		DG
	CULG	24	0444	0445	0451	N10	W82	3776	06	18.0	7	SF			C	0445	20		
	LEAR	24	0445	0445	0452	N11	W81	3776	06	18.1	7	SF	C 2.7	3	C				
0697		24	05165	0524*	0613	N16	W41	3781	06	21.1	57	1N	M 2.0				258	3.0	EF1
	LEAR	24	0516	0528	0617	N16	W40	3781	06	21.2	61	1B	M 2.0	3	C		176		FE
	ABST	24	0518	0526	0630	N15	W40	3781	06	21.2	72	1N			C	0526	648	4.9	E
	CULG	24	0519	0524	0607	N15	W39	3781	06	21.3	48	1B			C	0524	180	2.3	FIE
	TACH	24	0521	0524	0548	N14	W43	3781	06	21.0	27	1N			C	0524	265	3.8	E
	WEND	24	0551E		0617	N18	W44	3781	06	20.9	26D	SN			C	0553	119	1.8	E
	ATHN	24	0600E	0600	0620	N16	W42	3781	06	21.1	20D	1N		3	V	0600	159	2.3	
0698	YUNN	24	0528E	0528U	0553	N18	W51	3781	06	20.3	25D	1B			P	0528	177	2.5	F
0699	LEAR	24	0746	0746	0751	N15	W42	3781	06	21.1	5	SF	C 1.7	3	C		20		
0700	LEAR	24	0907	0911	0916	N17	W40	3781	06	21.3	9	SF	C 2.2	3	C		31		
0701	RAMY	24	1300	1302	1309	N18	W45	3781	06	21.1	9	SN	C 1.8	3	C		81		F
0702	KANZ	24	1408E	1408	1411	N16	W45	3781	06	21.2	3D	SF		2					
0703		24	1431*	1432*	1500	N19	W11	3782	06	23.8	29	SF					37		F
	RAMY	24	1431	1432	1436	N19	W12	3782	06	23.7	5	SF			C		24		
	KANZ	24	1436	1444	1449	N19	W11	3782	06	23.8	13	SF			2				
	RAMY	24	1441	1453	1518	N20	W11	3782	06	23.8	37	SN		3	C		59		F
	HOLL	24	1450	1457	1517	N19	W11	3782	06	23.8	27	SF		4	C		29		

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																	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0704		24	15099	1510*	1537	N18	W42	3781	06	21.4	28	SF					38	1.0	
	RAMY	24	1509	1510	1525	N17	W42	3781	06	21.4	16	SF		3	C		27		
	BIGB	24	1509	1512	1553	N19	W42	3781	06	21.4	44	SN		3	C	1512	70	1.0	
	HOLL	24	1518	1528	1534	N18	W42	3781	06	21.4	16	SF		3	C		18		
0705	PALE	24	1706	1715	1724	N04	E49	3788	06	28.4	18	SF		3	C		19		
0706	PALE	24	1710	1711	1724	N25	W48	3785	06	21.0	14	SF		3	C		16		
0707	PALE	24	1717	1722	1725	N11	W82	3776	06	18.5	8	SN		3	C		15		
0708		24	17252	17261	1738	S03	W40	3787	06	21.7	13	SB					108	1.2	F
	RAMY	24	1725	1726	1732	S02	W37	3787	06	22.0	7	SB		3	C		122		
	BIGB	24	1725	1727	1744	S04	W12	3787	06	21.6	19	SB		3	C	1727	90	1.2	
	PALE	24	1726	1726	1738	S04	W41	3787	06	21.7	12	SB		3	C		108		F
	HOLL	24	1727	1727	1737	S03	W41	3787	06	21.7	10	SN		4	C		114		F
0709	HOLL	24	1849	1849	1854	N15	W46	3781	06	21.3	5	SF		3	C		20		F
0710	HOLL	24	2040E	2042U	2115	N15	W11	3782	06	24.0	35D	SN		3	C		25		F
0711		24	2119	2119*	2140	N14	W54	3781	06	20.8	21	SF					22		FK
	HOLL	24	2119	2119	2140	N14	W54	3781	06	20.8	21	SF		3	C		28		FK
	HOLL	24	2119	2130	2140	N14	W54	3781	06	20.8	21	SF		3	C		17		K
0712	BIGB	24	2154E	2200	2300	N16	W09	3782	06	24.2	66D	SN		3	P	2200	80	.8	
0713		24	2238*	2301*	2404	N16	W48	3781	06	21.3	86	SN	M 1.4				98	1.2	EFK
	HOLL	24	2238	2301	2355	N16	W49	3781	06	21.2	77	SN		3	C		104		K
	HOLL	24	2238	2323	2355	N16	W49	3781	06	21.2	77	SB	M 1.4	3	C		137		FEK
	CULG	24	2254	2310	2343	N14	W47	3781	06	21.4	49	SN			C	2310	60	.9	KF
	BIGB	24	2302	2303	2442	N16	W49	3781	06	21.2	100	SN		3	C	2303	90	1.4	
0714		25	0002*	0006*	0038	N14	W48	3781	06	21.4	36	SN					55	1.0	
	CULG	25	0002	0008	0033	N13	W46	3781	06	21.5	31	SF			C		40	.6	
	LEAR	25	0003E	0006	0046	N16	W52	3781	06	21.0	43D	SN		3	C		51		
	HOLL	25	0003	0010	0037	N15	W47	3781	06	21.4	34	SN		3	C		30		
	PURP	25	0026	0028	0038	N14	W48	3781	06	21.4	12	SN			C	0028	98	1.5	
0715		25	01063	01063	0114	N23	W49	3785	06	21.3	8	SF					18		
	LEAR	25	0106	0106	0114	N22	W49	3785	06	21.3	8	SF		3	C		17		
	HOLL	25	0109	0109	0114	N24	W49	3785	06	21.3	5	SF		3	C		18		
0716	CULG	25	0136	0139	0143	S09	E72		06	30.5	7	SF			C	0139	20		
0717	CULG	25	0150E	0150	0154	S21	W35	3789	06	22.4	4D	SF			P	0150	20	.3	
0718		25	0328	03281	0336	S02	W48	3787	06	21.5	8	SF					32	.4	
	CULG	25	0328	0328	0339	S02	W47	3787	06	21.6	11	SF			C	0328	30	.4	
	LEAR	25	0328	0329	0334	S01	W48	3787	06	21.5	6	SF		3	C		35		
0719	LEAR	25	0329	0331	0359	N14	W57	3781	06	20.8	30	SF	C 2.5	3	C		57		
0720	CULG	25	0458	0459	0506	S02	W49	3787	06	21.5	8	SF			C	0459	20	.3	
0721		25	05283	05392	0607	N14	W50	3781	06	21.4	39	SB	C 6.9				109	1.7	EF
	CULG	25	0528	0540	0607	N13	W50	3781	06	21.4	39	1B			C	0540	140	2.2	FE
	LEAR	25	0530	0539	0608	N15	W50	3781	06	21.4	38	SB	C 6.9	3	C		142		FE
	ABST	25	0531	0540	0615	N16	W50	3781	06	21.4	44	1N			C	0540	174	2.9	E
	TACH	25	0531	0541	0600	N08	W52		06	21.3	29	1B			C	0541	133	2.2	E
	MANI	25	0535E	0538U	0542D	N16	W48	3781	06	21.6	7D	SB		1	V		90	1.4	FE
	YUNN	25	0537E	0541U	0542D	N14	W51	3781	06	21.4	5D	SN			P	0541	64	1.1	E
	PURP	25	0538E	0540U	0605	N15	W52	3781	06	21.3	27D	1B			P	0540	154	2.6	
	MANI	25	0554E	0555U	0600D	N16	W49	3781	06	21.5	6D	SB		1	V		40	.6	F
	YUNN	25	0557E	0557U	0558D	N15	W51	3781	06	21.4	1D	SN			P	0557	48	.8	E
0722	LEAR	25	0651	0651	0659	N13	W60	3781	06	20.7	8	SF	C 2.0	3	C		17		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0723	WEND	25	0957	1000	1012	N14	W63	3781	06	20.6	15	SN			C	1000	38	.9	
		25	1015		1053	No Flare Patrol													
0724	KANZ	25	1054E	1058	1102	N15	W58	3781	06	21.1	8D	SN		3					
0725		25	12551	13064	1338	N16	W21	3782	06	23.9	43	SN					149	1.6	F
	RAMY	25	1255	1309	1339	N15	W22	3782	06	23.9	44	SN		3	C		149		F
	HOLL	25	1255	1310	1335	N17	W21	3782	06	23.9	40	SN		3	C		154		F
	ATHN	25	1256	1306	1339	N16	W19	3782	06	24.1	43	SB		3	V	1306	143	1.6	
0726	RAMY	25	1316	1324	1336	N14	W60	3781	06	21.0	20	SF		3	C		41		
0727		25	1403*	1403*	1418	N14	W64	3781	06	20.7	15	SF					18		F
	RAMY	25	1403	1403	1422	N13	W64	3781	06	20.7	19	SF		3	C		17		
	HOLL	25	1403	1404	1408	N14	W65	3781	06	20.7	5	SF		3	C		16		F
	HOLL	25	1413	1417	1423	N14	W64	3781	06	20.7	10	SF		3	C		20		F
0728	HOLL	25	1426	1431	1436	N15	W65	3781	06	20.7	10	SF		3	C		14		
0729	HOLL	25	1520	1520	1527	N14	W65	3781	06	20.7	7	SF		3	C		19		F
0730	HOLL	25	1612	1657	1722	N14	W67	3781	06	20.6	70	SN	C 2.8	3	C		85		F
0731	BIGB	25	1651	1657	1721	N17	W55	3781	06	21.5	30	SN		3	C	1657	70	1.3	
0732	HOLL	25	1813E	1822	1835	N17	W55	3781	06	21.6	22D	SN		3	C		31		
0733		25	18371	18401	1855	N17	W28	3782	06	23.6	18	SN					53	.8	
	BIGB	25	1837	1841	1902	N17	W29	3782	06	23.6	25	SN		3	C	1841	70	.8	
	HOLL	25	1838	1840	1851	N16	W25	3782	06	23.9	13	SN		3	C		49		
	PALE	25	1838	1840	1852	N17	W29	3782	06	23.6	14	SN		3	C		39		
0734	HOLL	25	1837	1841	1858	N17	W59	3781	06	21.3	21	SN		3	C		62		
0735	HOLL	25	1903	1905	1915	N16	W64	3781	06	20.9	12	SF		3	C		31		
0736		25	19412	19441	2002	N17	W56	3781	06	21.6	21	2B M 2.0					330	4.5	EH
	HOLL	25	1941	1945	2010	N17	W56	3781	06	21.6	29	2B M 2.0		3	C		419		EH
	BIGB	25	1943	1944	1955	N17	W57	3781	06	21.5	12	1B		3	C	1944	240	4.5	
0737	BIGB	25	2051	2053	2110	N18	W30	3782	06	23.6	19	SN		3	C	2053	100	1.1	
0738		25	2132	21374	2251	N18	W60	3781	06	21.3	79	2B M 7.5					276	5.2	UZ
	BIGB	25	2132	2137	2200D	N19	W60	3781	06	21.3	28D	2B		3	P	2137	250	5.2	
	HOLL	25	2134E	2141	2251	N17	W61	3781	06	21.3	77D	1B M 7.5		3	C		302		ZU
0739		26	00384	00463	0150	N16	W64	3781	06	21.2	72	2B X 1.9					419	8.1	BEFHUZ
	CULG	26	0038	0049	0132	N14	W64	3781	06	21.2	54	2B			C	0049	460	10.6	FE
	HOLL	26	0039	0048	0200D	N16	W64	3781	06	21.2	81D	2B		3	C		496		ZU
	BIGB	26	0042	0046	0150D	N18	W64	3781	06	21.1	68D	2B		3	P	0046	240	5.6	
	LEAR	26	0042	0047	0208	N16	W65	3781	06	21.1	86	2B X 1.9		3	C		709		
	YUNN	26	0059E	0100U	0102D	N16	W66	3781	06	21.0	3D	1N			P	0100	193		BHI
0740	CULG	26	0138	0139	0151	N13	W57	3790	06	21.8	13	SN			C	0139	70	1.3	
0741	YUNN	26	0154	0200	0214D	N21	W62	3785	06	21.3	20D	SN			P		80	1.8	D
0742		26	02041	02081	0234	N16	W27	3782	06	24.0	30	1B					257	2.4	EF
	LEAR	26	0204	0209	0235	N16	W26	3782	06	24.1	31	1B		3	C		359		FE
	YUNN	26	0205	0208	0214D	N16	W27	3782	06	24.0	9D	1N			P		193	2.3	F
	CULG	26	0205	0208	0234	N16	W27	3782	06	24.0	29	1B			C	0208	220	2.6	EF
0743	YUNN	26	0244E	0247U	0248D	N19	W60	3785	06	21.5	4D	SN			P	0247	32	.7	D
0744		26	04074	04084	0415	N12	W75	3781	06	20.5	8	SF					54	4.1	D
	CULG	26	0407	0408	0415	N12	W73	3781	06	20.7	8	SF			C	0408	20		
	LEAR	26	0408	0408	0413	N13	W73	3781	06	20.7	5	SN		3	C				
	TACH	26	0411	0412	0418	N12	W78	3781	06	20.3	7	1F			C	0412	88	4.1	D

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0745	CULG	26	0633E	0634U	0637	N14	W65	3781	06	21.4	40	SF			P	0634	20	.4	
0746		26	0654I	06564	0705	N16	W64	3781	06	21.4	11	SN					38	.8	D
	LEAR	26	0654	0656	0707	N16	W63	3781	06	21.5	13	SN		3	C		44		
	YUNN	26	0655	0700	0703	N16	W65	3781	06	21.3	8	SN			P		32	.8	D
0747		26	09173	09203	1013	N14	W66	3781	06	21.4	56	2B					272	6.4	H
	ATHN	26	0917	0923	1013	N16	W68	3781	06	21.2	56	1B		3	V	0923	207	4.7	
	CATA	26	0920	0920	0940D	N12	W65	3781	06	21.5	20D	2		1	P	0920	337	8.2	H
0748	ABST	26	0938E	0942	1000	N15	W66	3781	06	21.4	22D	1N			P	0942	174		E
		26	1533		1603			No Flare Patrol											
		26	1611		1620			No Flare Patrol											
0749		26	18467	1853	1902	N16	W71	3781	06	21.4	16	SB	C 2.8				70		
	HOLL	26	1846	1853	1902	N17	W70	3781	06	21.5	16	SN	C 2.8	3	C		70		
	PALE	26	1853	1853	1901	N15	W72	3781	06	21.3	8	SB		3	C				
0750		26	19081	1912*	2050	N16	W74	3781	06	21.2	102	2B	X 2.1				282		EFK
	HOLL	26	1908	1912	1915D	N17	W74	3781	06	21.2	7D	2B		3	C		377		
	BIGB	26	1909	1912	2204	N17	W76	3781	06	21.0	175	1B		3	C	1912	180		
	PALE	26	1909	1917	2013	N15	W73	3781	06	21.3	64	2B		3	C				FEK
	PALE	26	1909	1926	2013	N15	W73	3781	06	21.3	64	2B	X 2.1	3	C		290		K
0751		27	00242	00273	0035	N23	W74	3785	06	21.3	11	SF	C 2.0				40		H
	CULG	27	0024	0027	0035	N21	W74	3785	06	21.3	11	SF			C	0027	40		
	HOLL	27	0025	0030	0037	N25	W74	3785	06	21.3	12	SF	C 2.0	3	C				
	LEAR	27	0026	0027	0033	N23	W74	3785	06	21.3	7	SF		3	C				H
0752		27	01249	01286	0137	N16	W80	3781	06	21.0	13	1F	C 2.8				385		DFH
	VORO	27	0124	0128	0136	N15	W80	3781	06	21.0	12	2F			C	0128	385		DH
	LEAR	27	0133	0134	0138	N17	W79	3781	06	21.1	5	SF	C 2.8	3	C				F
0753	TACH	27	0347		0518D	N14	W06	3782D	06	26.7	91D	2B			C	0416	619	6.6	U
0754	LEAR	27	0430	0431	0444	N14	W58	3790	06	22.8	14	SF		3	C		30		
0755	YUNN	27	0547	0557	0611	N16	W60	3790	06	22.7	24	SN			P		16	.3	D
0756	KHAR	27	0924		0934D	S24	W78	3789	06	21.4	10D	SF			P				D
0757		27	1025	10232	1045	N15	W90	3781	06	20.6	20	2N					337		H
	KHAR	27	1017E	1023	1040D	N16	W90	3781	06	20.6	23D	1N			P	1020			H
	CATA	27	1025	1025	1045	N14	W90	3781	06	20.6	20	3		2	C	1025	337		
0758		27	18141	18151	1823	N16	W66	3790	06	22.7	9	SF					24		F
	PALE	27	1814	1815	1826	N14	W66	3790	06	22.8	12	SF		3	C		30		F
	HOLL	27	1815	1816	1820	N17	W67	3790	06	22.7	5	SF		3	C		19		F
0759		28	0402	04032	0414	S14	E09	3791	06	28.8	12	SF					54	.6	D
	CULG	28	0402	0403	0407	S14	E09	3791	06	28.8	5	SF			C	0403	20	.2	
	ABST	28	0402	0405	0422	S14	E09	3791	06	28.8	20	SF			C	0405	87	.9	D
0760	CATA	28	0715	0715	0720D	S16	E07	3791	06	28.8	5D	S		2	P	0715	56	.6	
0761	PEKG	28	0821E	0821U	0850	S16	E04	3791	06	28.6	29D	SF			P	0821	34	.4	D
0762		28	2319*	23297	2417	N16	W68	3782	06	23.8	58	1N					212	3.5	FS
	PALE	28	2319	2336	2452	N17	W66	3782	06	23.9	93	2N		3	C		346		
	BIGB	28	2321	2330	2344	N15	W68	3782	06	23.8	23	1F		3	C	2330	150		
	CULG	28	2321	2331	2414	N15	W65	3782	06	24.0	53	1F			C	2331	140	3.5	F
	HOLL	28	2329	2329	2415D	N19	W74	3782	06	23.3	46D	1B		3	C				S
0763		29	02473	0251	0256	N14	W68	3782	06	24.0	9	SB					40		
	CULG	29	0247	0251	0255	N13	W68	3782	06	24.0	8	SB			C	0251	30		
	LEAR	29	0250	0251	0258	N15	W68	3782	06	24.0	8	SN		3	C		50		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0764	ABST	29	0613	0615	0632	S14	W08	3791	06	28.6	19	SN			C	0615	131	1.4	E
0765	CATA	29	0735	0735	0750	S09	E78	3794	07	5.2	15	S		1	C	0735	28		
0766	YUNN	29	0947E	0948	0954	S13	W08	3791	06	28.8	7D	SF			P		32	.3	E
0767	ABST	30	0646	0648	0700	S14	W24	3791	06	28.5	14	SF			C	0648	87	.9	D
0768	ABST	30	0654	0655	0700	N06	W25	3788	06	28.4	6	SF			C	0655	87	.9	D
0769		30	1448	1148*	1332	N06	W26	3788	06	28.7	1364	SF					64		F
	RAMY	30	1147E	1148	1158	N05	W25	3788	06	28.6	11D	SF		3	C		64		
	HOLL	30	1448	1450	1505	N07	W26	3788	06	28.7	17	SF		3	C		65		F
		30	1543		1549	No Flare Patrol													
		30	1622		1631	No Flare Patrol													
		30	1653		1748	No Flare Patrol													
		30	1807		2032	No Flare Patrol													
		30	2036		2106	No Flare Patrol													
		30	2115		2126	No Flare Patrol													

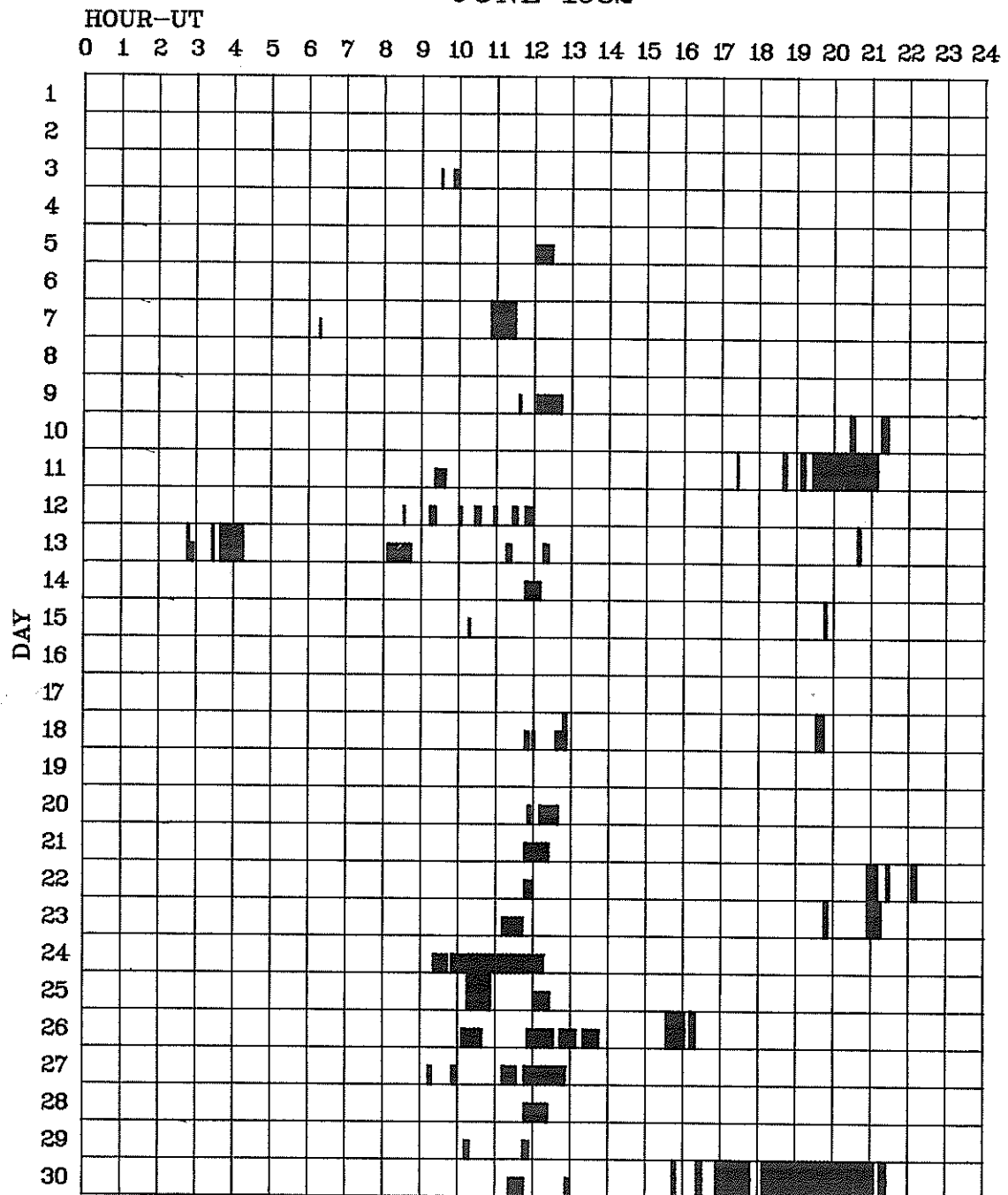
"Remarks":

- | | |
|--|---|
| <p>A = Eruptive prominence whose base is less than 90° from central meridian.
 B = Probably the end of a more important flare.
 C = Invisible 10 minutes before.
 D = Brilliant point.
 E = Two or more brilliant points.
 F = Several eruptive centers.
 G = No visible spots in the neighborhood.
 H = Flare accompanied by high-speed dark filament.
 I = Active region very extended.
 J = Distinct variations of plage intensity before or after the flare.
 K = Several intensity maxima.
 L = Existing filaments show signs of sudden activity.
 M = White-light flare.
 N = Continuous spectrum shows effects of polarization.</p> | <p>O = Observations have been made in the H and K lines of Ca II.
 P = Flare shows helium D3 in emission.
 Q = Flare shows Balmer continuum in emission.
 R = Marked asymmetry in H-alpha line suggests ejection of high-velocity material.
 S = Brightness follows disappearance of filament in same position.
 T = Region active all day.
 U = Two bright branches, parallel or converging.
 V = Occurrence of an explosive phase: important, expansion within roughly 1 minute that often includes a significant intensity increase.
 W = Great increase in area after time of maximum intensity.
 X = Unusually wide H-alpha line.
 Y = System of loop-type prominences.
 Z = Major sunspot umbra covered by flare.</p> |
|--|---|

INTERVALS OF NO FLARE PATROL OBSERVATION FOR PRECEDING SOLAR FLARE TABLE

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Times of no flare patrol, shown here as shaded areas, combine reports from the observatories listed below. Portions of a panel completely shaded mark dates and times of no patrol of any kind, that is, of neither visual nor cinematographic; portions of a panel with only the bottom half shaded mark times of strictly visual patrol.

Abastumani
Athens
Bern
Big Bear
Bucharest

Catania
Culgoora
Georgiana
Haute Provence
Holloman

Istanbul
Kanzelhoehe
Kharkov
Learmonth
Lvov

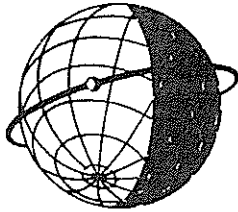
Manila
Mitaka
Monte Mario
Palehua
Peking

Purple Mt.
Ramey
Tashkent
Voroshilov
Wendelstein
Yunnan

NUMBER OF SOLAR FLARES
(From the Grouped Flare Listings)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1966								391	558	432	417	543
1967	796	589	1009	694	771	629	907	911	573	946	775	1109
1968	1037	773	519	460	768	697	573	611	616	772	556	640
1969	581	504	669	655	839	694	489	551	540	643	566	422
1970	466	646	578	688	722	836	954	780	811	797	687	667
1971	598	505	387	546	461	430	713	673	518	375	431	394
1972	384	599	621	361	614	541	404	515	371	408	175	210
1973	221	171	410	453	388	270	232	182	353	201	136	163
1974	127	148	79	364	255	204	360	187	270	366	153	81
1975	68	82	69	19	42	85	196	346	68	38	127	25
1976	69	18	180	60	38	48	6	47	57	23	13	55
1977	54	77	18	76	64	210	140	140	250	252	107	336
1978	274	588	338	526	330	460	533	346	554	499	418	648
1979	926	781	731	731	907	772	750	821	901	1018	888	786
1980	703	689	621	1092	811	956	763	720	924	988	1027	838
1981	578	782	914	915	658	592	893	982	680	836	773	615
1982	631	763	803*	490*	553*	769*						

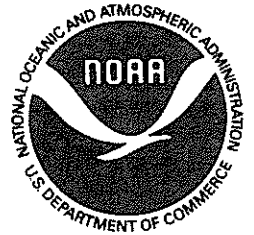
* Preliminary



WORLD DATA CENTER A

FOR

SOLAR-TERRESTRIAL PHYSICS



The ICSU Panel on WDCs has recommended that it would be appropriate courtesy to acknowledge in publications that data were obtained from the originating station or investigator through the intermediary of the WDCs. The following statement is suggested:

"Data used in this study were provided by WDC-A for Solar-Terrestrial Physics, NOAA E/GC2, 325 Broadway, Boulder Colorado 80303, USA."