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Solar - Geophysical Data

NO. 487 MARCH 1985

Part II (Comprehensive Reports)

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

DATA FOR
SEPTEMBER 1984
JULY-NOVEMBER 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 487

(Issued in Two Parts)

Editor:
Helen E. Coffey, Physicist

Joe H. Allen, Chief
Solar-Terrestrial Physics Division

Staff:
John A. McKinnon, Physicist
Daniel C. Wilkinson, Physicist
Viola W. Miller, Physical Science Technician
Carol Weathers, Editorial Assistant
Charles T. Shanks, Draftsman

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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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CARTE SYNOPTIQUE

ACTIVE REGIONS CARRINGTON ROTATION 1753

(10 September to 7 October 1984)

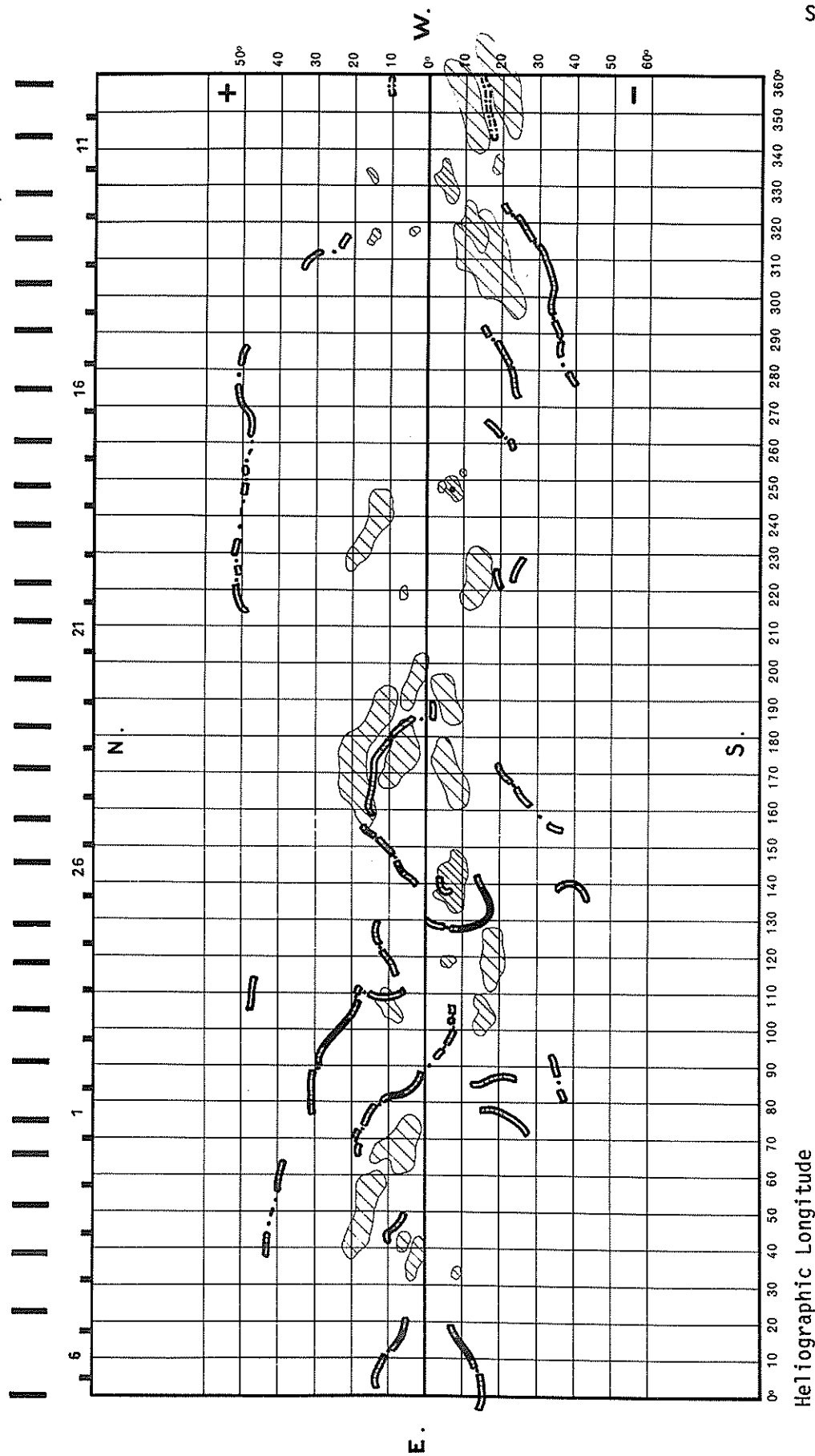
Region No.	Coordinates Lat. Long.	Imp	Age at CMP (Days)	Spotless Region	Region No. in Rotation 1752	Activity at West Limb
1	14°N 330	1	+4	x		dispersed
2	13°S 319	1	>6	x		dispersed
3	15°N 315	1	0	x		dispersed
4	4°S 248	1	-4	x		disappeared
5	8°S 248	2	-1			decreasing
6	6°N 219	1	-3	x		stable
7	7°S 140	1	>6	x		decreasing
8	6°S 119	1	-5	x		stable
9	10°N 106	1	>6	x	15	disappeared
10	16°S 104	1	>6	x	16	dispersed
11	7°N 42	1	>6	x		stable
12	3°N 38	1	>6	x	21	disappeared
13	8°S 34	1	-2	x		disappeared

CARTE SYNOPTIQUE

CARRINGTON ROTATION NUMBER 1753
(September 10 to October 7, 1984)

Meudon Observatory

September 1984



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SOLAR RADIO EMISSION OUTSTANDING OCCURRENCES

SEPTEMBER 1984

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density		Int	Remarks
							Peak (10 ⁻²² W/m ² Hz)	Mean (10 ⁻²² W/m ² Hz)		
01	260	ONDR	44 NS	0625.0E		477.0D	11.0			
	245	LEAR	43 NS	0800.0	0916.6	117.0D	15.0			QL=5 ST=2 TYP=1
	127	TORN	43 NS	1006.0	1042.4	294.0	60.0	1.0		V=1
	245	SGMR	43 NS	1230.0	1320.6	300.0D	169.0			QL=6 ST=2 TYP=1
	245	LEAR	43 NS	2249.0	0531.8	668.0D	41.0			QL=5 ST=2 TYP=1
	9395	PEKG	1 S	0225.0	0227.9	10.0	9.9	3.4		
	9400	TYKW	5 S	0225.0	0228.4	20.0	5.0	2.0		
	2840	PEKG	1 S	0225.0	0228.4	7.0	2.3	.9		
	3750	TYKW	5 S	0225.0	0228.6	20.0	4.0	1.5		INTERFERENCE
	2000	TYKW	20 GRF	0350.0	0410.0	50.0	1.0	.5		
	3750	TYKW	20 GRF	0400.0	0410.0	45.0	2.0	1.0		
	9100	GORK	20 GRF	0406.0	0417.9E	74.0D	6.5			
	950	GORK	2 S/F	0608.9	0612.5	6.2	6.2			
	9400	TYKW	5 S	0809.0	0810.2	5.0	32.0	6.0		
	9100	GORK	21 GRF	0809.2	0811.0	1.8	9.0			
	6100	KISV	4 S/F	0809.3	0810.2	2.5	31.0			
	8800	LEAR	4 S/F	0809.6	0810.0	9.4	45.0			QL=6 ST=2 TYP=3
	9100	GORK	3 S	0809.7	0810.0	1.4	38.0			
	4995	LEAR	4 S/F	0809.8	0810.1	8.5	13.0			QL=6 ST=2 TYP=3
	2950	GORK	20 GRF	0809.9	0810.3	11.7	1.0	.5		
	3750	TYKW	5 S	0810.0U	0810.3	1.0U	2.0	.7U		INTERFERENCE
	6100	KISV	29 FB1	0811.8	0811.9	12.0	6.0			
	2950	GORK	20 GRF	0827.0	0833.0	11.9	1.0	.5		
	2950	GORK	20 GRF	0843.9	0847.0	50.0D	1.8	.9		
	6100	KISV	1 S	0845.7	0847.5	5.5	3.0			
02	260	ONDR	44 NS	0650.0E	1033.0U	439.0D	162.0			
	200	HIRA	44 NS	2007.0E	2147.0	240.0D	7.0	3.0		MR
	208	VORO	44 NS	2200.0E		120.0D		9.0		
	245	LEAR	43 NS	2249.0	2301.1	668.0D	53.0			QL=6 ST=2 TYP=1
	3750	TYKW	5 S	0148.0	0149.7	7.0	1.5	.5		
	2950	GORK	21 GRF	0615.8	0622.6	23.0	1.8	.9		
	200	GORK	4 S/F	0722.8	0724.1	2.5	280.0			
	410	LEAR	47 GB	0723.0	0723.8	1.8	55.0			QL=6 ST=2 TYP=5
	100	GORK	46 C	0723.4	0723.5	1.7	80.0			
	100	GORK		0723.4	0724.1		120.0			
	1415	ATHN	8 S	0723.5	0723.6	1.0	8.0			QL=6 ST=2 TYP=3
	3750	TYKW	45 C	0723.5	0723.9	3.0	3.0	1.0		
	1000	TYKW	45 C	0723.5	0724.0	1.5	7.0	2.0		
	29	UPIC	45 C	0723.5	0724.4	2.1				
	2000	TYKW	45 C	0723.5	0724.4	3.0	3.0	.7		
	536	ONDR	40 F	0723.5	0725.0	6.0	13.0			
	810	KRAK	45 C	0723.5	0728.0	6.0	90.0	14.0		
	245	LEAR	49 GB	0723.6	0723.8	.7	530.0			QL=6 ST=2 TYP=6
	33	UPIC	45 C	0723.6	0724.2	2.1				
	650	GORK	2 S/F	0723.6	0724.3	2.3	6.5			
	950	GORK	2 S/F	0723.7	0724.0	1.0	8.5			
	204	IZMI	41 F	0723.7	0724.1	10.7	320.0			
	2950	GORK	4 S/F	0723.8	0724.3	1.5	2.1	1.0		
	430	KRAK	8 S	0754.0	0754.2	.4	6.0			
	810	KRAK	4 S/F	0829.5	0830.5	2.5	15.0	5.0		
	29	UPIC	42 SER	0944.0		51.6				
	204	IZMI	41 F	0944.0	0944.4	4.0	120.0			
	33	UPIC	42 SER	0944.1	1030.3	51.4				
	9100	GORK	21 GRF	1003.1	1012.2	57.0D	20.0			
	2950	GORK	21 GRF	1005.2	1012.0	60.0D	9.9			
	3000	IZMI	5 S	1006.0	1008.0	5.0	43.0	20.0		
	9100	GORK	46 C	1006.2	1007.4	5.5D	52.0			
	9100	GORK		1006.2	1008.5		57.0			
	950	GORK	1 S	1006.5	1007.9	1.5	8.0			
	2950	GORK	3 S	1006.5	1008.4	5.5	25.0	12.0		
	200	GORK	41 F	1007.0	1007.8	4.8	5.0			
	200	GORK		1007.0	1011.5		11.0			
	650	GORK	46 C	1007.4	1008.3	1.6	11.0			
	650	GORK		1007.4	1008.6		14.0			
	536	ONDR	8 S	1008.5	1008.8	.5	25.0			
	200	GORK	41 F	1027.1	1029.3	8.2	1130.0			
	200	GORK		1027.1	1030.1		960.0			
	204	IZMI	42 SER	1028.1	1035.0	8.0	700.0			
	100	GORK	41 F	1028.2	1028.3	7.0	480.0			
	100	GORK		1028.2	1030.1		3000.0			

SOLAR RADIO EMISSION OUTSTANDING OCCURRENCES

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Sep 84

SEPTEMBER 1984

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Density		Int	Remarks
							Peak (10 ⁻²² W/m ² Hz)	Mean (2 Hz)		
02	100	GORK		1028.2	1034.9		1100.0			
	245	SGMR	47 GB	1029.1	1030.1	1.5	360.0			QL=4 ST=2 TYP=5
	536	ONDR	40 F	1029.3	1030.5	6.5	54.0			
	410	SGMR	8 S	1029.6	1030.1	1.7	46.0			QL=4 ST=2 TYP=3
	650	GORK	46 C	1029.8	1030.0	2.1	8.0			
	650	GORK		1029.8	1031.5		8.0			
	2950	GORK	4 S/F	1030.0	1030.1	1.9	22.0			
	808	ONDR	40 F	1030.0	1030.5	2.5	37.0			
	950	GORK	2 S/F	1030.0	1030.5	1.8	8.0			
	33	UPIC	1 S	1153.1	1153.2	.3				
	29	UPIC	1 S	1153.1	1153.3	.5				
	245	SGMR	4 S/F	1226.0	1228.3	2.3	19.0			QL=6 ST=2 TYP=3
	33	UPIC	4 S/F	1320.2	1320.8	1.6				
	29	UPIC	4 S/F	1320.5	1321.0	1.3				
	245	PALE	47 GB	1758.8	1759.1	9.2	52.0			QL=6 ST=2 TYP=5
	245	SGMR	8 S	1815.5	1815.6	.3	39.0			QL=5 ST=2 TYP=3
	2800	OTTA	20 GRF	1910.0	1925.0	35.0	1.4	.7		
	245	PALE	47 GB	2134.5	2135.8	1.5	66.0			QL=6 ST=2 TYP=5
	3750	TYKW	20 GRF	2144.0	2202.0	45.0	2.0	1.0		
03	204	IZMI	43 NS	0600.0		360.0	50.0			
	260	ONDR	44 NS	0626.0E		464.0D	119.0			
	200	GORK	43 NS	0634.0		326.0D		15.0		
	127	TORN	43 NS	0850.0	1327.1	370.0	50.0			V=1
	245	SGMR	43 NS	1032.0	1245.1	257.0D	93.0			QL=6 ST=3 TYP=1
	245	SGMR	43 NS	1238.3	1240.6		43.0			QL=6 ST=2 TYP=1
	200	HIRA	44 NS	2009.0E	0333.0	630.0D	10.0	3.0		MR
	208	VORO	44 NS	2200.0E		115.0D		8.0		
	245	LEAR	43 NS	2248.0	0134.1	670.0D	65.0			QL=6 ST=2 TYP=1
	200	HIRA	46 C	0646.3	0647.3	2.7	160.0	34.0		MR
	200	GORK	4 S/F	0647.1	0647.9	2.1D	145.0			
	29	UPIC	42 SER	1033.6	1108.1	76.9				
	33	UPIC	42 SER	1033.6	1108.1	76.9				
	200	GORK	4 S/F	1112.0	1112.4	.7	620.0			
	245	SGMR	8 S	1134.6	1134.6	.2	17.0			QL=5 ST=2 TYP=3
	245	SGMR	8 S	1158.1	1158.1	.4	28.0			QL=5 ST=2 TYP=3
	245	SGMR	47 GB	1245.0	1245.1	.3	93.0			QL=6 ST=3 TYP=5
	245	PALE	4 S/F	1753.0	1753.6	4.8	22.0			QL=6 ST=2 TYP=3
	245	PALE	8 S	2359.0	2359.1	.3	22.0			QL=6 ST=2 TYP=3
04	200	GORK	44 NS	0358.0E		488.0D		5.0		
	127	TORN	43 NS	0630.0	0920.3	510.0	10.0			V=0
	245	SGMR	43 NS	1125.0	1355.0		81.0			QL=6 ST=1 TYP=1
	245	LEAR	43 NS	2247.0	0037.3	671.0D	47.0			QL=6 ST=2 TYP=1
	410	LEAR	43 NS	2247.0	0809.8	671.0D	11.0			QL=6 ST=2 TYP=1
	245	LEAR	4 S/F	0021.8	0024.0	3.3	41.0			QL=6 ST=2 TYP=3
	610	LEAR	4 S/F	0023.1	0023.8	2.4	7.0			QL=6 ST=2 TYP=3
	410	LEAR	8 S	0023.3	0024.0	1.0	5.0			QL=6 ST=2 TYP=3
	3750	TYKW	20 GRF	0423.0	0441.0	50.0	2.0	1.0		
	610	LEAR	4 S/F	0507.8	0507.8	24.0	8.0			QL=6 ST=2 TYP=3
	245	LEAR	8 S	0507.8	0507.8	.2	56.0			QL=6 ST=2 TYP=3
	410	LEAR	4 S/F	0507.8	0507.8	10.0	6.0			QL=6 ST=2 TYP=3
	204	IZMI	5 S	0712.0	0712.2	1.5	220.0	110.0		
	204	IZMI	5 S	0806.3	0806.5	.5	430.0	215.0		
	9100	GORK	1 S	0812.4	0813.1	1.4	8.0	4.0		
	2950	GORK	1 S	0812.6	0813.0	1.3	1.0	.5		
	33	UPIC	45 C	0812.7	0813.1	2.8				
	245	LEAR	47 GB	0813.0	0813.3	.6	160.0			QL=6 ST=2 TYP=5
	410	LEAR	8 S	0813.1	0813.6	.5	29.0			QL=6 ST=2 TYP=3
	29	UPIC	45 C	0813.5	0813.5	2.4				
	410	LEAR	8 S	0850.6	0850.8	.2	39.0			QL=5 ST=2 TYP=3
	810	KRAK	8 S	0937.5	0937.5	.2	9.0			
	1415	SGMR	8 S	1312.1	1312.5	.5	21.0			QL=6 ST=2 TYP=3
	2695	SGMR	8 S	1312.3	1312.3	.3	10.0			QL=6 ST=2 TYP=3
	33	UPIC	2 S/F	1611.1	1611.3	.6				
	29	UPIC	2 S/F	1611.1	1611.5	.8				
	2800	OTTA	20 GRF	2010.0	2030.0	55.0	1.6	.8		
05	260	ONDR	44 NS	0630.0E		460.0D	105.0			
	127	TORN	43 NS	0630.0	0922.8	446.0	10.0			V=0
	245	LEAR	44 NS	2246.0E	0357.0	672.0D	20.0			QL=6 ST=3 TYP=1

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SOLAR RADIO EMISSION OUTSTANDING OCCURRENCES

SEPTEMBER 1984

Day	Freq	Sta	Type	Start (UT)	Time of Maximum (UT)	Duration (Min)	Flux Peak (10 ⁻²² W/m ² Hz)	Density Mean (2 Hz)	Int	Remarks
05	33	UPIC	45 C	0612.0	0612.3	1.9				
	29	UPIC	45 C	0612.5	0612.5	1.0				
	536	ONDR	40 F	0738.0	0740.0	2.5	3.0			
	29	UPIC	2 S/F	0746.9	0747.1	.7				
	33	UPIC	2 S/F	0747.0	0747.1	.8				
	33	UPIC	45 C	1057.3	1058.9	2.6				
	29	UPIC	45 C	1057.7	1059.2	2.1				
	245	SGMR	8 S	1316.6	1316.6	.4	48.0			QL=6 ST=2 TYP=3
	29	UPIC	4 S/F	1316.6	1316.9	1.3U				
06	33	UPIC	2 S/F	1316.8	1316.8	1.5				
06	245	LEAR	44 NS	2246.0E	0357.0	672.0D	20.0			QL=6 ST=2 TYP=1
	200	HIRA	42 SER	0414.4	0426.9	12.7	8.0			0
07	260	ONDR	43 NS	0745.0		323.0	32.0			
	2950	GORK	20 GRF	0632.8	0736.0	330.0D	2.1			
	9100	GORK	20 GRF	0742.0	1131.8	258.0D	7.0			
08	260	ONDR	42 SER	1306.3	1308.0	2.0	2.0	2.0		
	2800	OTTA	1 S	1310.0	1310.2	5.0	2.4	.8		
	3750	TYKW	5 S	2357.0	2357.5	1.0	4.0	2.0		
	3750	TYKW	29 PBI	2358.0		7.0	1.5	.7D		
09	15400	PALE	47 GB	1712.8	1713.1	.8	61.0			QL=6 ST=2 TYP=5
10	410	LEAR	4 S/F	0135.6	0138.8	4.2	7.0			QL=6 ST=2 TYP=3
	245	LEAR	8 S	0142.5	0142.6	.3	23.0			QL=6 ST=2 TYP=3
	430	KRAK	4 S/F	0756.0	0757.0	4.0	65.0	7.0		
	810	KRAK	45 C	0814.2	0820.2	12.0	75.0	33.0		
	3750	TYKW	45 C	2247.4	2247.7	.5	12.0	3.0		
11	245	LEAR	43 NS	0458.8	0713.8	301.2D	13.0			QL=6 ST=2 TYP=1
	245	LEAR	8 S	0454.8	0455.1	.5	13.0			QL=6 ST=2 TYP=3
	610	LEAR	8 S	0455.0	0455.1	.3	4.0			QL=6 ST=2 TYP=3
	410	LEAR	8 S	0455.0	0455.3	.5	5.0			QL=6 ST=2 TYP=3
	610	LEAR	8 S	0709.1	0709.3	.5	4.0			QL=6 ST=2 TYP=3
	245	LEAR	8 S	0709.1	0709.3	.7	7.0			QL=6 ST=2 TYP=3
	410	LEAR	8 S	0709.1	0709.3	.5	6.0			QL=6 ST=2 TYP=3
	610	LEAR	8 S	0905.1	0905.3	.2	4.0			QL=6 ST=2 TYP=3
	245	LEAR	8 S	0905.1	0905.3	.4	21.0			QL=6 ST=2 TYP=3
	410	LEAR	8 S	0905.1	0905.3	.2	8.0			QL=6 ST=2 TYP=3
	245	SGMR	47 GB	1321.1	1321.1	.5	90.0			QL=6 ST=2 TYP=5
13	810	KRAK	8 S	0707.5	0707.5	.2	8.0			
	536	ONDR	40 F	1124.5	1127.5	4.0	10.0			
	430	KRAK	46 C	1130.0	1132.4	5.5	140.0	18.0		
	430	KRAK		1130.0	1134.4		90.0			
14	430	KRAK	2 S/F	0718.0	0719.0	2.0	6.0	2.0		
	430	KRAK	45 C	0822.8	0828.0	10.0	200.0	40.0		
16	245	LEAR	8 S	0507.1	0507.1	.2	23.0			QL=5 ST=2 TYP=3
	536	ONDR	4 S/F	0840.0	0840.5	1.0	5.0			
17	410	LEAR	4 S/F	0006.3	0006.3	3.8	5.0			QL=6 ST=2 TYP=3
18	610	LEAR	8 S	0743.1	0743.6	1.2	13.0			QL=6 ST=2 TYP=3
	410	LEAR	8 S	0743.1	0743.6	1.2	11.0			QL=6 ST=2 TYP=3
	245	LEAR	8 S	0743.1	0743.6	1.2	28.0			QL=6 ST=2 TYP=3
	430	KRAK	8 S	1055.6	1055.6	.2	15.0			
	430	KRAK	8 S	1215.7	1215.8	.4	50.0			
19	245	LEAR	4 S/F	0111.8	0114.5	3.0	8.0			QL=6 ST=2 TYP=3
	410	LEAR	8 S	0114.1	0114.5	.7	7.0			QL=6 ST=2 TYP=3
	610	LEAR	8 S	0606.0	0606.3	.8	43.0			QL=6 ST=2 TYP=3
	245	LEAR	47 GB	0606.0	0606.3	.8	260.0			QL=6 ST=2 TYP=5
	410	LEAR	47 GB	0606.0	0606.3	.8	50.0			QL=6 ST=2 TYP=5
	430	KRAK	8 S	1042.5	1042.5	.4	13.0			
20	204	IZMI	4 S/F	0726.5	0729.5	7.0	36.0	18.0		
	33	UPIC	2 S/F	1121.7	1121.8	.6				

SOLAR RADIO EMISSION OUTSTANDING OCCURRENCES

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Sep 84

SEPTEMBER 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
20	29	UPIC	1 S	1121.8	1122.0	.5				
	33	UPIC	2 S/F	1155.2	1155.5	.5				
	29	UPIC	1 S	1155.2	1155.5	.5				
21	260	ONDR	43 NS	0842.8		121.0	38.0			
25	430	KRAK	8 S	1019.2	1019.2	.2		16.0		
26	245	LEAR	8 S	0648.6	0648.6	.2	22.0			QL=6 ST=2 TYP=3
	245	LEAR	8 S	0753.1	0753.3	.5	29.0			QL=6 ST=2 TYP=3
27	245	LEAR	8 S	0606.1	0606.3	.2	32.0			QL=1 ST=2 TYP=3
	245	LEAR	8 S	0628.1	0628.3	.2	49.0			QL=1 ST=2 TYP=3
28	650	GORK	4 S/F	0621.6	0621.9U	1.0	70.00			
	650	GORK		0621.6	0622.4		40.0			
	610	LEAR	8 S	0742.8	0742.8	.5	11.0			QL=6 ST=2 TYP=3
	245	LEAR	8 S	0756.1	0756.3	.5	3.0			QL=6 ST=2 TYP=3
	610	LEAR	8 S	0756.1	0756.5	.5	4.0			QL=6 ST=2 TYP=3
	410	LEAR	8 S	0756.1	0756.5	.5	8.0			QL=6 ST=2 TYP=3
	610	LEAR	8 S	0926.1	0926.6	.7	5.0			QL=6 ST=2 TYP=3
	245	LEAR	47 GB	0926.3	0926.6	.5	74.0			QL=6 ST=2 TYP=5
	410	LEAR	8 S	0926.5	0926.6	.3	20.0			QL=6 ST=2 TYP=3

Reports are received routinely from the following observatories:

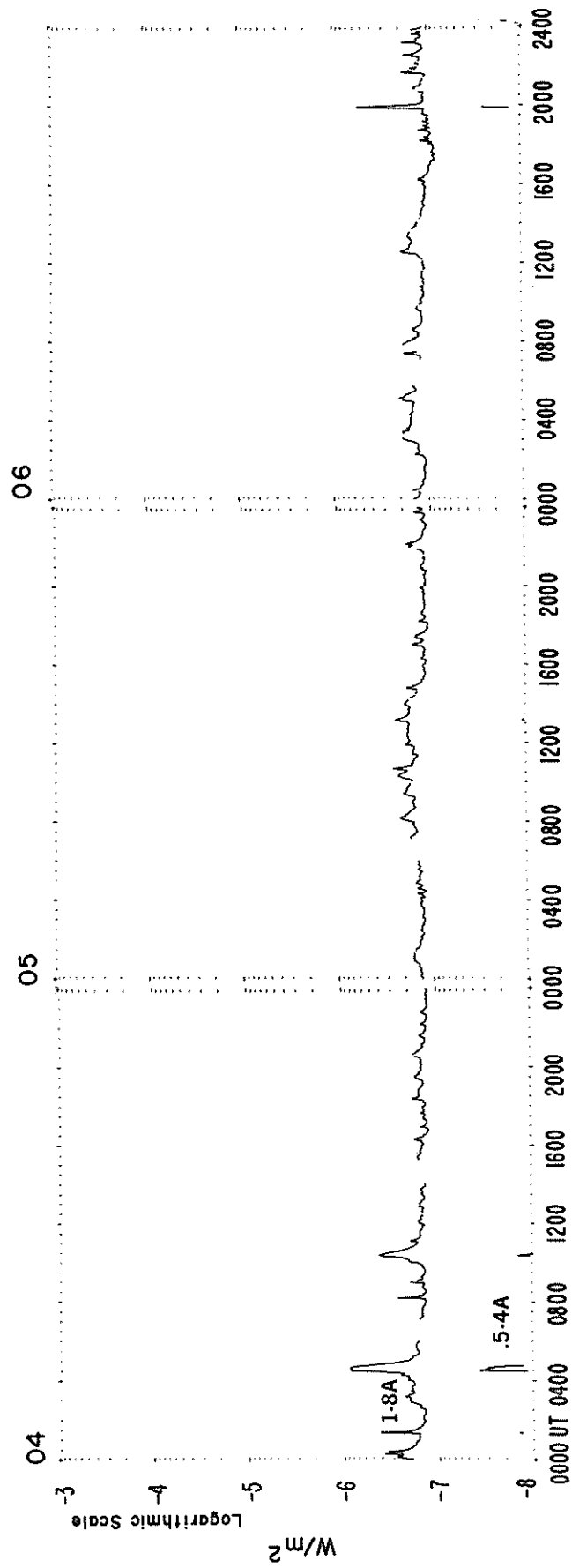
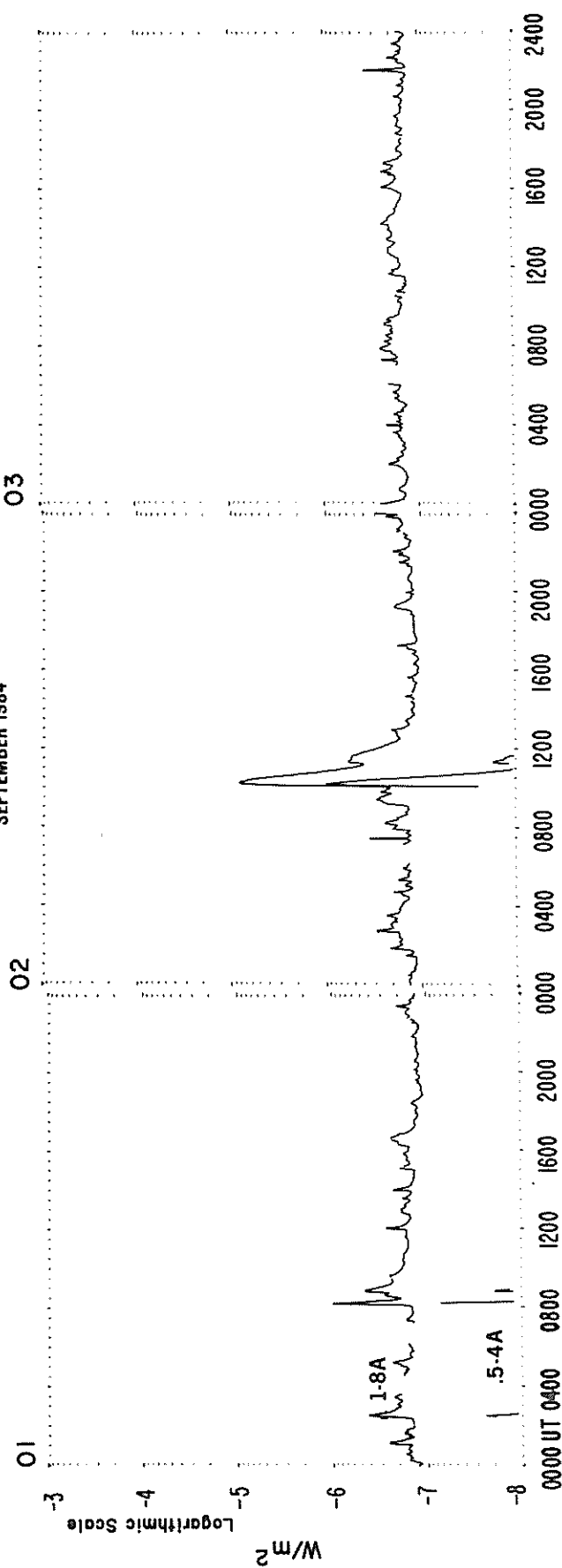
ATHN = Athens	HUAN = Huancayo	NAGO = Nagoya	POTS = Potsdam
BERN = Berne	IRKU = Irkutsk	NOBE = Nobeyama	SAOP = Sao Paulo
BORD = Bordeaux	IZMI = IZMIRAN	ONDR = Ondrejov	SGMR = Sagamore Hill
CRIM = Crimea	KISV = Kislovodsk	OTTA = Ottawa	TORN = Torun
DWIN = Dwingeloo	KRAK = Krakow	PALE = Palehua	TYKW = Toyokawa
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	24O Rise only	16A Fall A	27AF Rise and Fall AF	
21A Simple 3A GRF	24OF Rise only F	26O Fall Only	31A Post Burst Decrease A	
2A Simple 1AF	24P Post Rise	26F Fall F	32A Absorption A	
			46F Complex F	

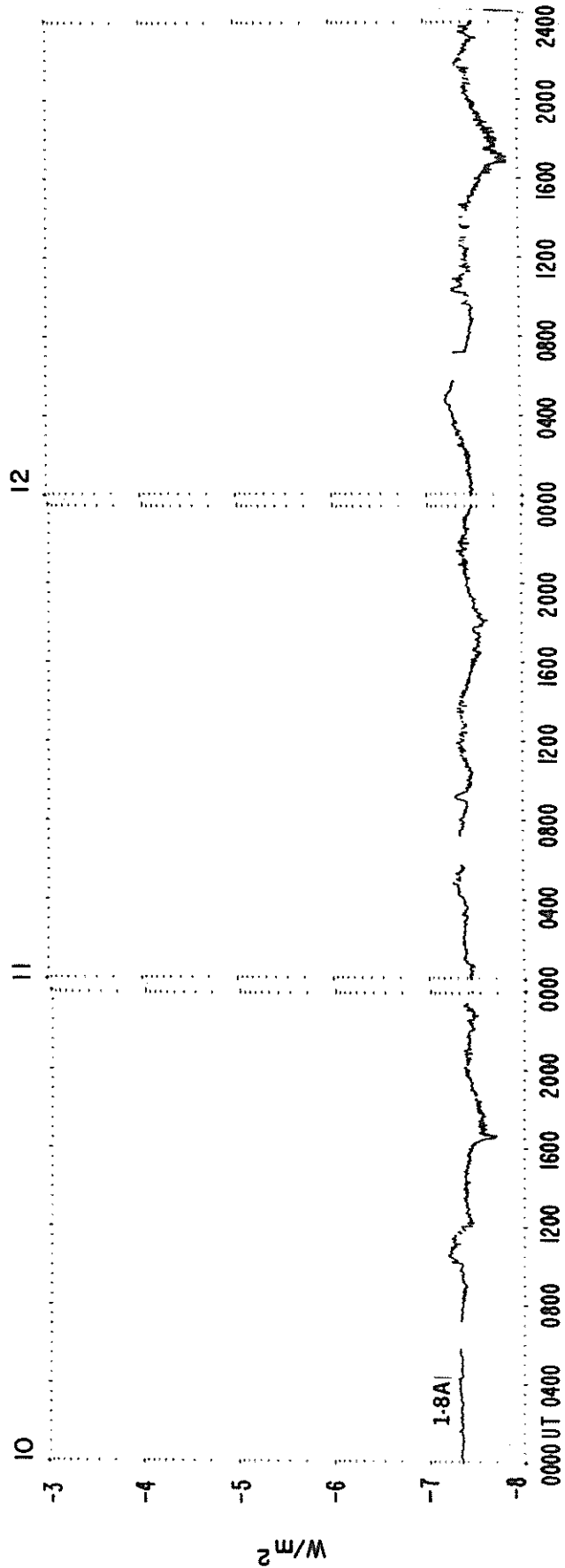
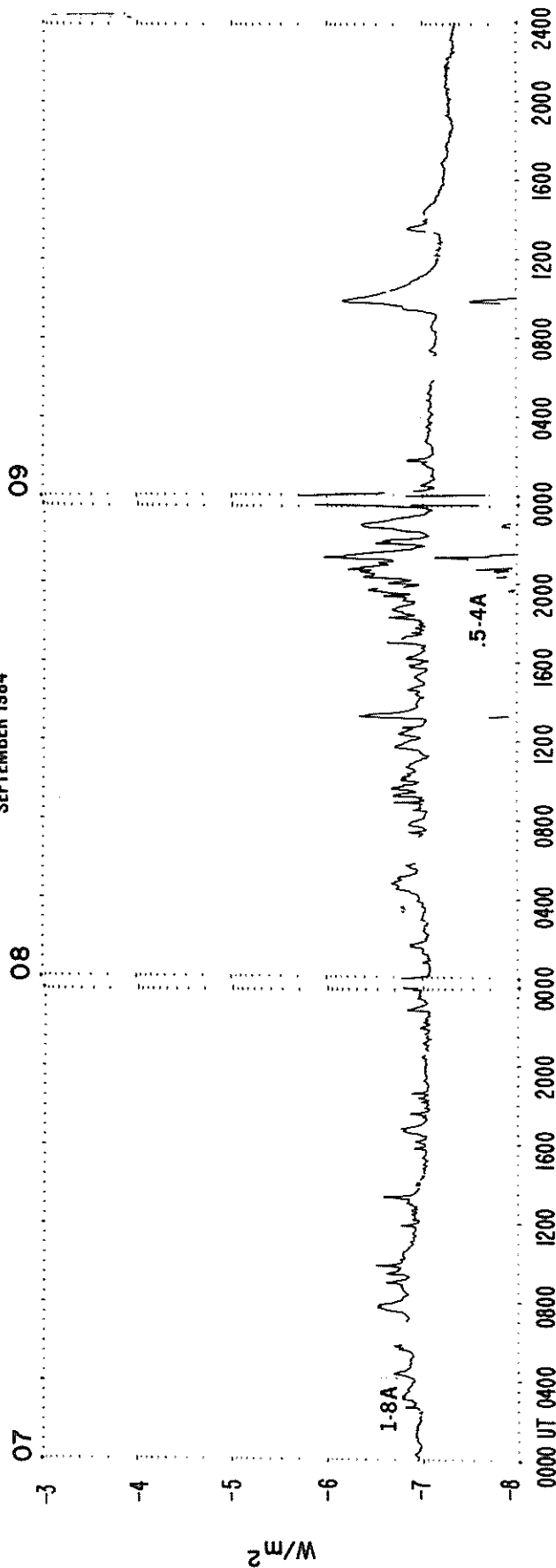
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GOES 6 X-RAYS SEPTEMBER 1984



GOES 6 X-RAYS

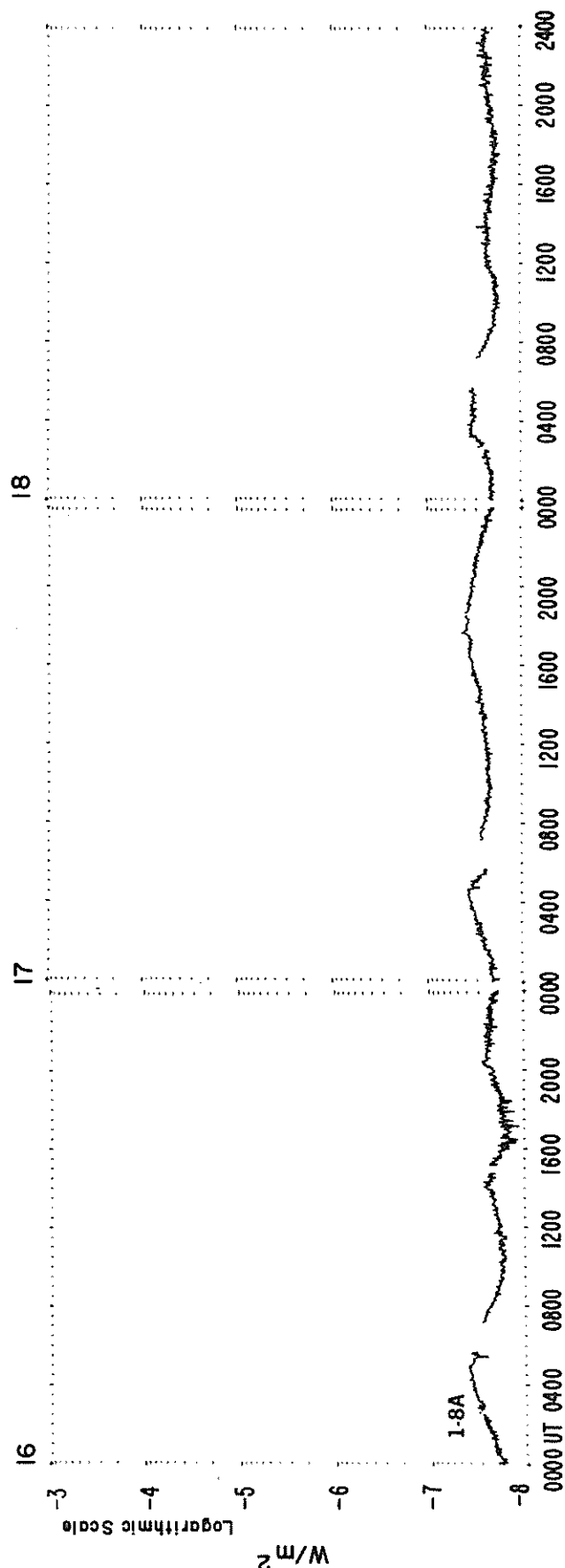
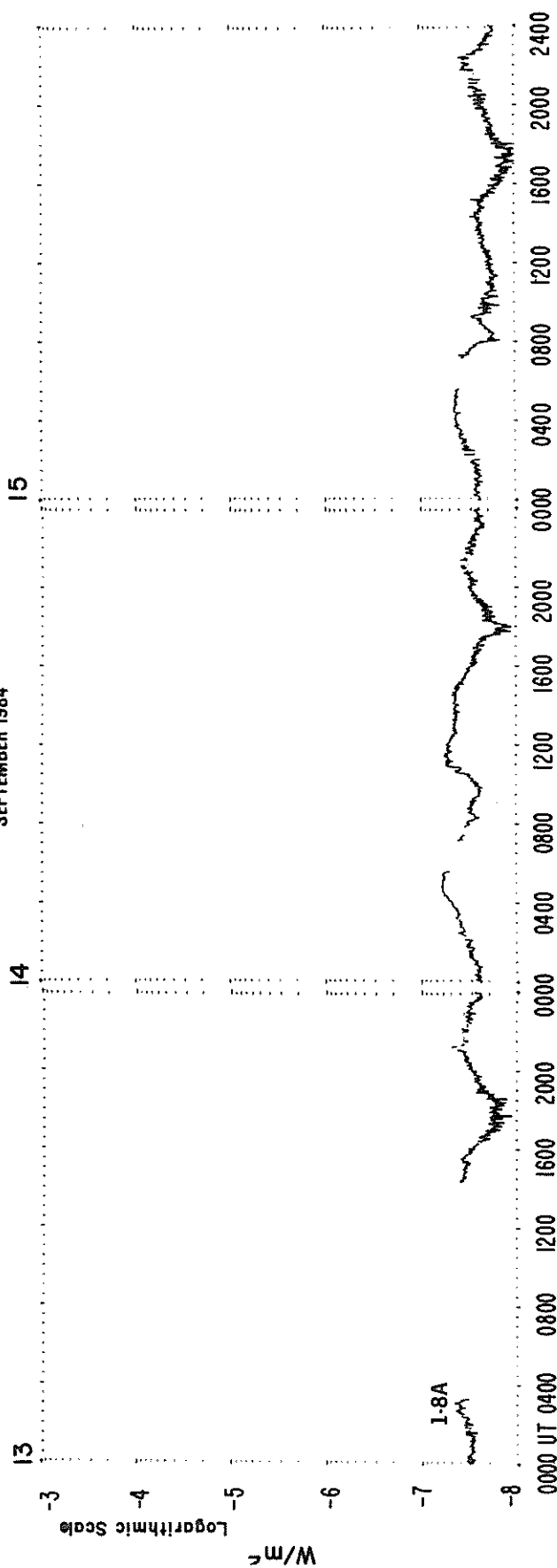
SEPTEMBER 1984



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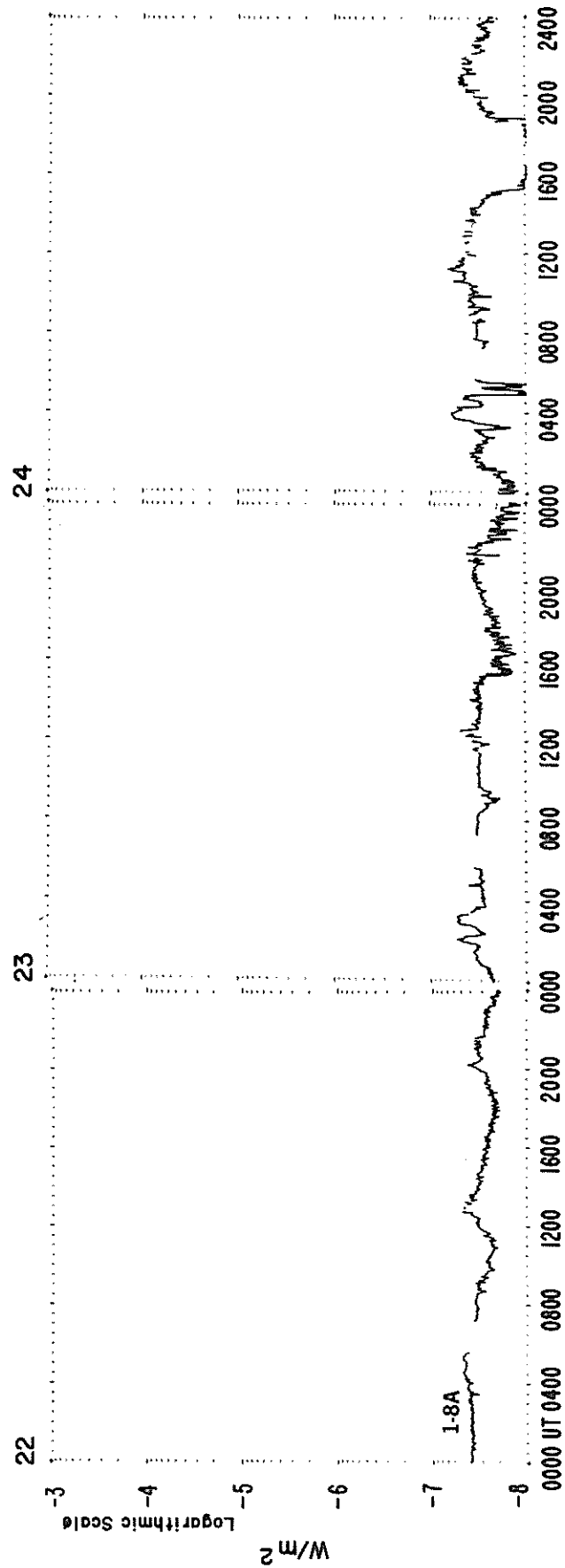
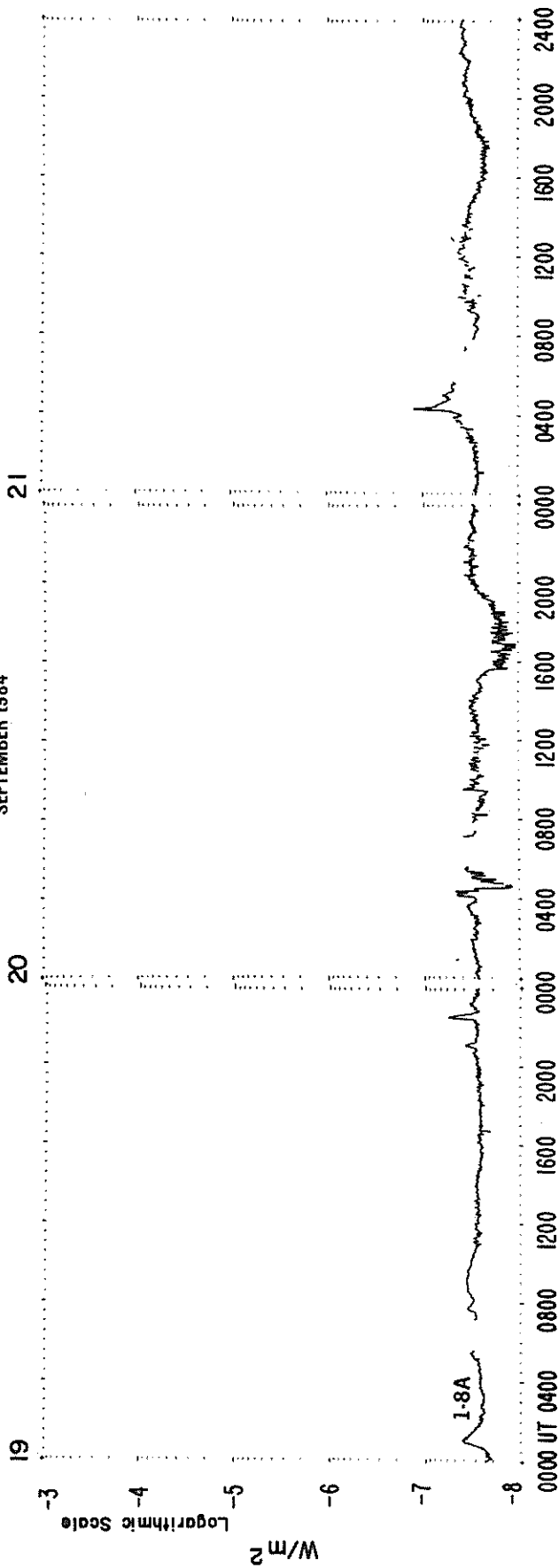
GOES 6 X-RAYS

SEPTEMBER 1984



GOES 6 X-RAYS

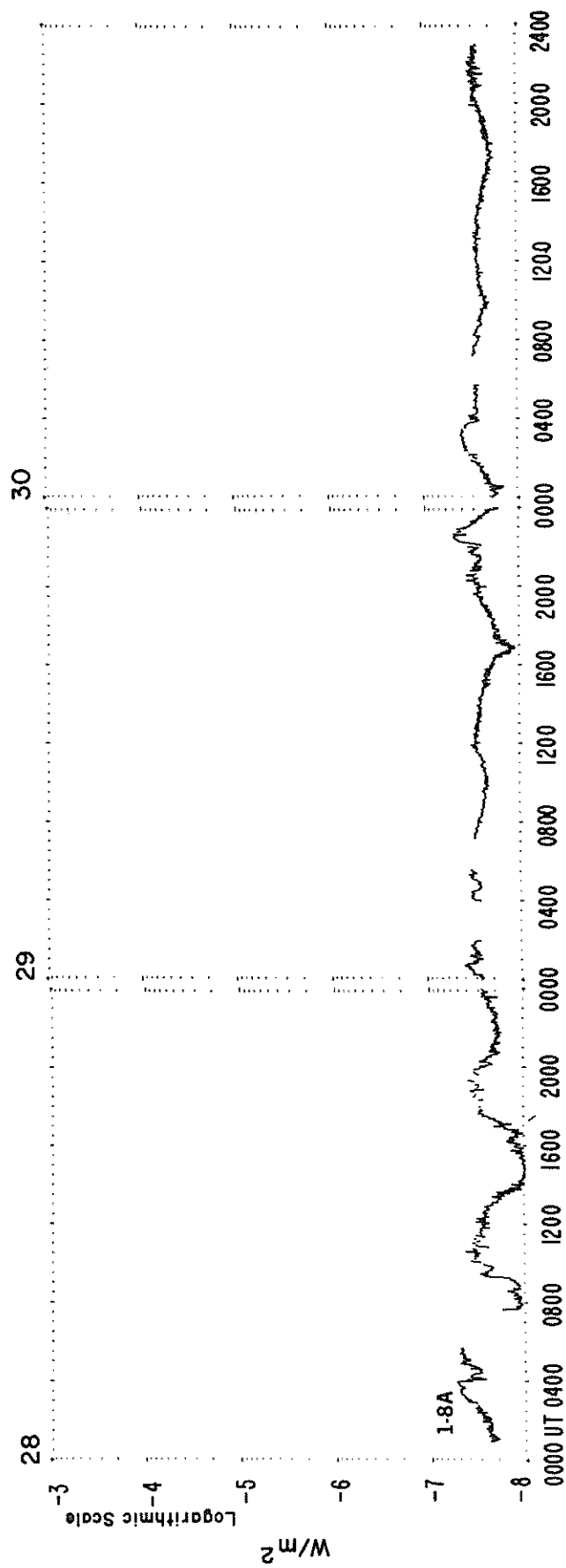
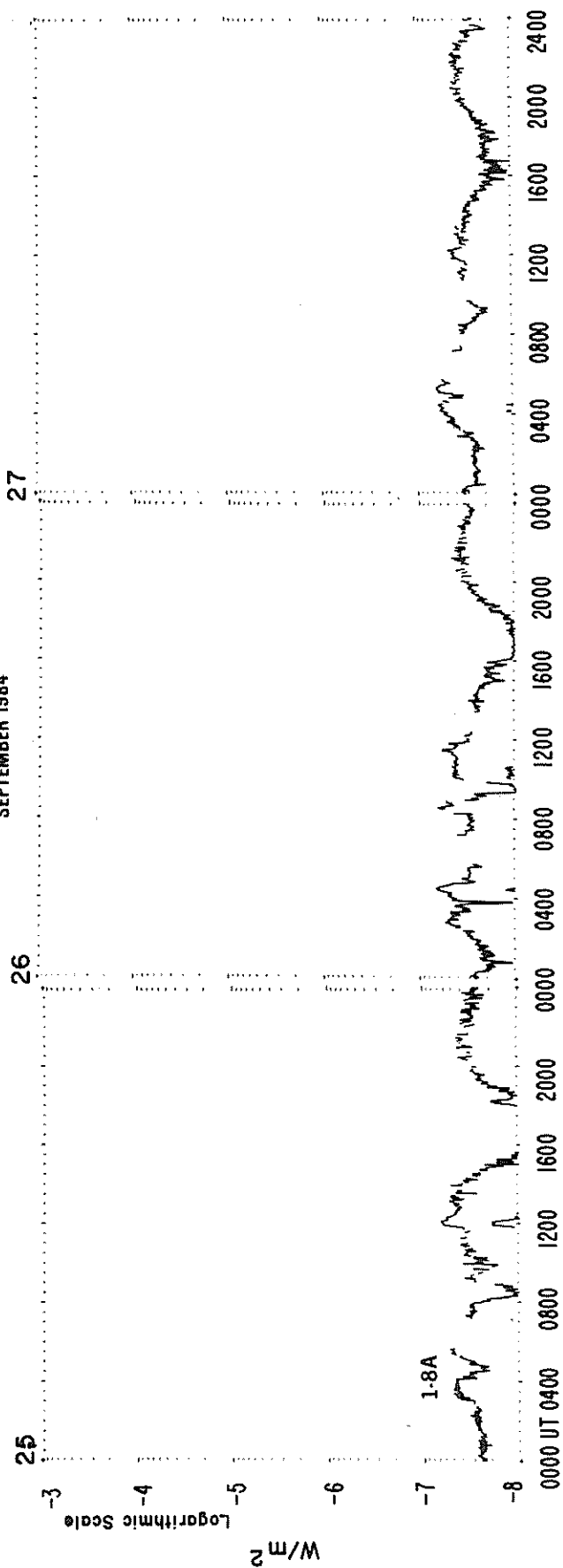
SEPTEMBER 1984



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GOES 6 X-RAYS

SEPTEMBER 1984



MASS EJECTIONS FROM THE SUN

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SEPTEMBER 1984

Sta	Day	Observed UT			Location		Freq or Wavelength	Kind of Event
		Start	Max	End	RA°	R/R ₀		
VORO	Sep 02	2242	E 2252	U 2317	D 257	0.86	H-alpha	S
VORO	Sep 03	0119	E 0127	U 0135	D 270	0.90	H-alpha	S
VORO	Sep 03	0211	E 0216	U 0228	D 290	0.86	H-alpha	S
VORO	Sep 03	0238	E 0248	U 0259	D 245	0.90	H-alpha	S
KHAR	Sep 03	0739	E 0739	U 0757	D 261	0.83	H-alpha	S
KHAR	Sep 03	0803	E 0806	U 0811	D 261	0.83	H-alpha	S
KHAR	Sep 03	0828	E	0852	D 261	0.83	H-alpha	S
KHAR	Sep 03	0857	E 0857	U 0910	D 261	0.83	H-alpha	S
KHAR	Sep 03	0905	E	0922	D 212	0.37	H-alpha	S
KHAR	Sep 04	0800	E	0820	D 246	0.86	H-alpha	S
KHAR	Sep 04	1007	E 1008	U 1018	D 259	0.91	H-alpha	S
KHAR	Sep 04	1051	E 1107	U 1125	D 261	0.94	H-alpha	S
KHAR	Sep 04	1140	E 1140	U 1200	D 246	0.86	H-alpha	S
KHAR	Sep 05	1050	E	1200	D 280	0.72	H-alpha	S
KHAR	Sep 06	1038	E	1046	D 280	0.86	H-alpha	S
KHAR	Sep 06	1058	E 1102	U 1112	D 267	1.00-1.03	H-alpha	S
KHAR	Sep 06	1125	E	1140	D 280	0.86	H-alpha	S
KHAR	Sep 08	0652	E	0717	D 282	1.00-1.04	H-alpha	S
KHAR	Sep 08	0827	E	0844	D 282	1.00-1.04	H-alpha	S
KHAR	Sep 18	1129	E	1139	D 251	0.65	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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ACTIVE PROMINENCES AND FILAMENTS

SEPTEMBER 1984

Type	Day	Observed Start	UT End	Lat CMD	Imp	Obs Type	Sta	Remarks
SDF	Sep 01	0200	0400	S13 E46	1	C	CULG	.06 R.
ADF	Sep 01	0840	1400	S08 W19		V	ATHN	
DSD	Sep 02	0620	0630	S05 W37	1-	C	CATA	
BSL	Sep 02	0650	0700	S73 W90	1-	C	CATA	
BSL	Sep 02	0750	0755	S17 W90	1-	C	CATA	
AFS	Sep 02	0945	1400	S04 E01		V	ATHN	
BSL	Sep 02	1000	1005D	N05 W90	1-	C	CATA	
BSL	Sep 02	1005	1005D	N24 W90	1-	C	CATA	
BSL	Sep 02	1120	1130	S58 E90	1-	C	CATA	
ASR	Sep 03	0910	1400	S12 E90		V	ATHN	
BSL	Sep 03	0915	0925	N57 W90	1-	C	CATA	
BSL	Sep 03	1110	1110D	S71 E90	1-	C	CATA	
APR	Sep 04	0740	1400	S20 W90		V	ATHN	
BSL	Sep 04	0820	0835	S19 E90	1-	C	CATA	
BSL	Sep 04	0900	0910	S20 E90	1-	C	CATA	
BSL	Sep 04	0910	0915	S77 W90	1-	C	CATA	
BSL	Sep 04	1040	1130	N32 E90	1-	C	CATA	
AFS	Sep 04	1130	1400	S16 W59		V	ATHN	
BSL	Sep 05	0710	0720D	N58 E90	1-	C	CATA	
AFS	Sep 05	0722	1400	S11 W35		V	ATHN	
ADF	Sep 05	0723	1400	S13 W36		V	ATHN	
AFS	Sep 05	0724	1400	N04 E14		V	ATHN	
BSL	Sep 05	0835	0845	S22 E90	1-	C	CATA	
BSL	Sep 05	0935E	0950D	S20 E90	1-	C	CATA	
BSL	Sep 05	1000E	1010	S21 E90	1-	C	CATA	
BSL	Sep 05	1020	1035	S46 W90	1-	C	CATA	
BSL	Sep 05	1025	1035	S07 W90	1-	C	CATA	
BSL	Sep 05	1135	1140D	S08 W90	1-	C	CATA	
EPL	Sep 06	0605E	0640D	S20 E90	2	C	CATA	
SDF	Sep 06	0710	2220	S16 W26	1	C	CULG	.05 R, Overnight.
ASR	Sep 06	0730	1400	N01 W90		V	ATHN	
BSL	Sep 06	0750	0805	S01 W90	1-	C	CATA	
BSL	Sep 06	0850	0900	S02 W90	1-	C	CATA	
BSL	Sep 06	1035	1130	S16 W90	1-	C	CATA	
ASR	Sep 06	1100	1400	S10 W90		V	ATHN	
BSL	Sep 06	1105	1115	S20 W90	1-	C	CATA	
ASR	Sep 07	0715	1400	N20 W90		V	ATHN	
APR	Sep 07	0715	1400	N30 W90		V	ATHN	
BSL	Sep 07	0720E	0725	S42 E90	1-	C	CATA	
BSL	Sep 07	1000	1005	S60 W90	1-	C	CATA	
ADF	Sep 07	1025	1400	N20 W15		V	ATHN	
ASR	Sep 07	1045	1400	N10 W90		V	ATHN	
BSL	Sep 08	0830	0840	S08 W90	1-	C	CATA	
APR	Sep 09	0750	1400	N50 E90		V	ATHN	
BSL	Sep 09	1100E	1110	S88 E90	1-	C	CATA	
BSL	Sep 09	1125E	1135D	S53 E90	1-	C	CATA	
BSL	Sep 10	0630E	0650	S73 E90	1-	C	CATA	
ADF	Sep 10	0735	1400	S15 W03		V	ATHN	
ADF	Sep 10	0735	1400	N15 W11		V	ATHN	
ADF	Sep 10	0735	1400	S40 E25		V	ATHN	
ADF	Sep 10	0735	1400	N25 W40		V	ATHN	
APR	Sep 10	0735	1400	N30 W90		V	ATHN	
APR	Sep 10	0735	1400	S43 E90		V	ATHN	
APR	Sep 10	0735	1400	N25 E90		V	ATHN	
BSL	Sep 10	0805	0815	S76 W90	1-	C	CATA	
BSL	Sep 10	0850	0910	N78 W90	1-	C	CATA	
BSL	Sep 10	0930	0930D	N86 W90	1-	C	CATA	
ASR	Sep 10	1003	1400	N03 E90		V	ATHN	
BSL	Sep 10	1030	1035D	N55 W90	1-	C	CATA	

ACTIVE PROMINENCES AND FILAMENTS

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Sep 84

SEPTEMBER 1984

Type	Day	Observed UT		Lat	CMD	Imp	Obs Type	Sta	Remarks
Start	End								
APR	Sep 11	0727	1400	S30	W90		V	ATHN	
SDF	Sep 12	0250	0450	S06	W01	1	C	CULG	.10 R.
BSL	Sep 12	0555E	0620D	S44	E90	1-	C	CATA	
APR	Sep 12	0602	1030	N35	W90		V	ATHN	
APR	Sep 12	0602	1030	N45	W90		V	ATHN	
BSL	Sep 12	0605	0610	S86	W90	1-	C	CATA	
SDF	Sep 12	1005E	0635D	N09	W42	1	C	CATA	
APR	Sep 13	0600	1400	N22	W90		V	ATHN	
BSL	Sep 13	0810	0820	S68	E90	1-	C	CATA	
EPL	Sep 13	0915	0920D	N20	W90	1-	C	CATA	
EPL	Sep 13	0930E	1000	N19	W90	1	C	CATA	
EPL	Sep 13	1040	1145D	N17	W90	1	C	CATA	
APR	Sep 14	0655	1400	N25	W90		V	ATHN	
BSL	Sep 14	0750E	0820D	S07	W90	1-	C	CATA	
ADF	Sep 14	0830	1030	S12	W40		V	ATHN	
BSL	Sep 14	0830E	0920	S08	W90	1	C	CATA	
SDF	Sep 14	0935	1400	S12	W55		V	ATHN	
BSL	Sep 15	0218	0227D	N13	E89	1	C	CULG	.05 R.
ADF	Sep 15	0745	1400	N06	W70		V	ATHN	
APR	Sep 15	0745	1400	N30	W90		V	ATHN	
APR	Sep 15	0745	1400	N35	W90		V	ATHN	
ASR	Sep 15	1015	1100	S26	E90		V	ATHN	
APR	Sep 15	1015	1400	S05	E90		V	ATHN	
APR	Sep 16	0720	1400	S05	E90		V	ATHN	
APR	Sep 16	1115	1400	N12	W90		V	ATHN	
APR	Sep 16	1115	1400	N35	W90		V	ATHN	
APR	Sep 17	0635	1400	N14	E90		V	ATHN	
APR	Sep 17	0703	1400	S13	W90		V	ATHN	
ADF	Sep 17	0719	1400	N13	E20		V	ATHN	
ADF	Sep 17	0946	1400	S14	E29		V	ATHN	
SDF	Sep 17	1145E	0555D	N45	E05	1	C	CATA	
SDF	Sep 17	1145E	0555D	S40	E02	1	C	CATA	
SDF	Sep 17	1145E	0555D	S40	W12	1	C	CATA	
SDF	Sep 17	1145E	0555D	S36	W23	1	C	CATA	
SDF	Sep 18	0047	0508	N42	W03	1	C	CULG	.26 R, Very cloudy.
APR	Sep 18	0600	0615	N18	E90		V	ATHN	
APR	Sep 18	0600	1400	S32	E90		V	ATHN	
APR	Sep 18	0600	0810	S02	W90		V	ATHN	
ASR	Sep 18	0715	0810	S12	W90		V	ATHN	
ASR	Sep 18	0715	1400	S15	E90		V	ATHN	
ASR	Sep 18	0810	1400	N20	W90		V	ATHN	
BSL	Sep 18	0815E	0840D	S17	E90	1	C	CATA	
APR	Sep 19	0600	1400	N17	E90		V	ATHN	
AFS	Sep 19	0600	0850	S02	E10		V	ATHN	
APR	Sep 20	0650	1400	S05	W90		V	ATHN	
ADF	Sep 20	0650	1400	S05	E40		V	ATHN	
APR	Sep 20	0650	1400	S33	E90		V	ATHN	
APR	Sep 20	0650	1400	S10	E90		V	ATHN	
APR	Sep 20	1110	1400	N23	E90		V	ATHN	
SDF	Sep 21	0557	2158	N18	E56	3	C	CULG	Overnight, 2 sections, .18R thin & bushy.
AFS	Sep 21	0710	1400	S07	W35		V	ATHN	
ADF	Sep 21	0750	1400	N07	E43		V	ATHN	
BSL	Sep 21	0900E	0905D	S67	E90	1-	C	CATA	
BSL	Sep 21	1005	1005D	N38	E90	1-	C	CATA	
BSL	Sep 21	1015E	1025D	N38	E90	1	C	CATA	
BSL	Sep 21	1120	1125D	N05	E90	1-	C	CATA	
SDF	Sep 21	1155E	0610D	N20	E60	1	C	CATA	
SDF	Sep 21	1155E	0610D	N22	E46	1	C	CATA	

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ACTIVE PROMINENCES AND FILAMENTS

SEPTEMBER 1984

Type	Day	Observed UT		Lat	CMD	Imp	Obs Type	Sta	Remarks
		Start	End						
ASR	Sep 22	0814	0840	S05	E90		V	ATHN	
BSL	Sep 22	1020	1030	S84	E90	1-	C	CATA	
BSL	Sep 22	1045E	1050	S67	E90	1-	C	CATA	
BSL	Sep 22	1045E	1050	S88	W90	1-	C	CATA	
APR	Sep 23	0600	1400	N12	E90		V	ATHN	
ASR	Sep 23	0600	1400	S05	W90		V	ATHN	
ASR	Sep 23	0600	1400	S15	W90		V	ATHN	
ADF	Sep 23	0715	1400	S28	E40		V	ATHN	
ASR	Sep 23	0715	1400	S16	E90		V	ATHN	
ASR	Sep 23	1020	1043	N02	E90		V	ATHN	
BSL	Sep 23	1030	1045	N18	E90	1-	C	CATA	
ADF	Sep 24	0600	1400	S25	E28		V	ATHN	
APR	Sep 24	0600	1400	S15	E90		V	ATHN	
ASR	Sep 24	0600	1400	S15	E90		V	ATHN	
BSL	Sep 24	0745	0755	N41	E90	1-	C	CATA	
BSL	Sep 24	1125	1135	N34	E90	1-	C	CATA	
ADF	Sep 25	0625	1400	S15	E25		V	ATHN	
APR	Sep 25	0625	1400	N02	E90		V	ATHN	
APR	Sep 25	0625	1400	S40	E90		V	ATHN	
ASR	Sep 25	0806	1400	N14	W90		V	ATHN	
APR	Sep 26	0750	1400	N05	E90		V	ATHN	
ADF	Sep 26	0950	1400	N05	E01		V	ATHN	
BSL	Sep 26	1125	1130	N07	W90	1-	C	CATA	
BSL	Sep 26	1130	1135	N12	W90	1-	C	CATA	
ADF	Sep 27	0424	0721E	S14	W00	2	C	CULG	.18 R.
BSL	Sep 27	0910	0915	S20	W90	1-	C	CATA	
ASR	Sep 28	0615	0635	S13	E90		V	ATHN	
APR	Sep 28	0615	1255	N05	E90		V	ATHN	
BSL	Sep 28	0620E	0635D	S10	W90	1-	C	CATA	
ASR	Sep 28	0625	0700	N05	W90		V	ATHN	
ADF	Sep 28	0640	1400	N18	W32		V	ATHN	
ADF	Sep 28	0640	1400	N12	E03		V	ATHN	
BSL	Sep 28	0835E	0850	S41	E90	1-	C	CATA	
BSL	Sep 28	0910	0920	N74	W90	1-	C	CATA	
BSL	Sep 28	0910	0930	S87	E90	1-	C	CATA	
BSL	Sep 28	1055	1110	S23	W90	1	C	CATA	
BSL	Sep 28	1125	1135	S47	W90	1-	C	CATA	
SDF	Sep 28	1145E	0610D	S39	W23	1	C	CATA	
BSL	Sep 29	0655E	0710	S14	E90	1-	C	CATA	
ASR	Sep 29	0850	1400	S06	E90		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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H - ALPHA SOLAR FLARES

JULY 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	Area Time (UT)	Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0001	PALE	02	0159E	0159U	0208	N06	W46	3788	06	28.7	90	SF		2	C		32		
0002	PALE	02	0225E	0227U	0231	N06	W46	3788	06	28.7	60	SF		2	C		36		
0003	WEND	02	1104	1110	1119	N07	E23	3792	07	4.2	15	SN			C	1110	28	.3	H
0004		02	1952	1953	1958	S12	E41	3798	07	5.9	6	SF					28		
	HOLL	02	1952	1953	1958	S13	E41	3798	07	5.9	6	SF		3	C		26		
	PALE	02	1952	1956	1959	S12	E41	3798	07	5.9	7	SF		3	C		30		
0005		02	2238	2239*	2257	S05	E25	3799	07	4.8	19	SF					34		KS
	PALE	02	2238	2239	2257	S05	E25	3799	07	4.8	19	SF		2	C		32		SK
	PALE	02	2238	2254	2257	S05	E25	3799	07	4.8	19	SF		2	C		37		K
0006	PALE	03	0143	0152	0156	S08	E19	3799	07	4.5	13	SF		3	C		38		
0007	PALE	03	0158	0218	0224	S08	E18	3799	07	4.4	26	SF		1	C		29		
0008	ISTA	03	0738		0755	S20	E90	3801	07	10.2	17	SN							
0009	KANZ	03	1236	1243	1250	S14	E90	3801	07	10.3	14	SB		3					
0010		03	1738	1741	1746	S17	E79	3802	07	9.7	8	SN	C 6.4				80		
	HOLL	03	1738	1741	1744	S17	E79	3802	07	9.7	6	SN	C 6.4	3	C				
	BIGB	03	1738	1741	1748	S17	E79	3802	07	9.7	10	SN		3	C	1741	80		
	RAMY	03	1740E	1740U	1747	S18	E79	3802	07	9.7	70	SN		3	C				
		04	0308		0327	No Flare Patrol													
		04	0336		0514	No Flare Patrol													
0011		04	0440	0451	0540	S14	E82	3802	07	10.4	60	SB					46		AFY
	LEAR	04	0440	0451	0540	S15	E78	3802	07	10.1	60	SB		2	C		75		YF
	YUNN	04	0515E	0517U	0517D	S13	E87	3802	07	10.8	20	SN			P	0517	16		A
		04	0518		0519	No Flare Patrol													
0012		04	0840E	0840E	0846	S12	E20	3798	07	5.9	6	SF					56	.6	
	CATA	04	0840	0840	0845	S12	E20	3798	07	5.9	5	S		2	C	0840	56	.6	
	KANZ	04	0842	0842	0846	S11	E21	3798	07	5.9	4	SF		2					
0013	CATA	04	1120	1120	1135	S12	E15	3798	07	5.6	15	S		2	C	1120	84	.9	
0014		04	1438E	1438E	1445	N05	W06		07	4.2	7	SF					33		F
	HOLL	04	1438	1438	1443	N05	W06		07	4.2	5	SF		3	C		37		F
	KANZ	04	1438	1442	1450	N05	W05		07	4.2	12	SF		3					
	RAMY	04	1439	1442	1443	N05	W06		07	4.2	4	SF		3	C		29		
0015		04	1640	1644	1706	S16	E71	3802	07	10.1	26	SN					70		
	HOLL	04	1640	1644	1701	S16	E71	3802	07	10.1	21	SN		2	C				
	BIGB	04	1640	1644	1710	S16	E71	3802	07	10.1	30	SN		3	C	1710	70		
0016	HOLL	04	1703	1703	1712	S11	E12	3798	07	5.6	9	SF		2	C		22		F
0017	RAMY	04	2026	2027	2035	S16	E71	3802	07	10.2	9	SF		3	C				
0018	RAMY	04	2042	2046	2100	S09	E12	3794	07	5.8	18	SF		3	C		25		
0019		04	2327E	2331E	2348	S10	E10	3798	07	5.7	21	SN					70	.8	DJ
	BIGB	04	2327	2334	2355	S11	E10	3798	07	5.7	28	SN		3	C	2334	80	.8	
	CULG	04	2329	2331	2345	S09	E10	3798	07	5.7	16	SN			C	2331	80	.8	
	VORO	04	2331	2335	2341	S10	E10	3798	07	5.7	10	SF			C	2335	81	.8	DJ
	LEAR	04	2335E	2335U	2351	S12	E09	3798	07	5.7	160	SN		2	C		40		
0020		05	0644	0646	0649	S13	E04	3798	07	5.6	5	SN					20	.2	D
	LEAR	05	0643E	0644U	0649	S13	E02	3798	07	5.4	60	SN		2	C		20		
	PEKG	05	0644	0646	0649	S13	E06	3798	07	5.7	5	SF			C	0646	21	.2	D
0021	RAMY	05	1148E	1156	1203	S18	E59	3802	07	10.0	150	SF		3	C		23		

H - ALPHA SOLAR FLARES

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JULY 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	WEND	05	1257	1300	1306D	N13	E51	3800	07	9.4	9D	SF			C	1300	22	.4	
0023	KANZ	05	1503	1511	1523	N13	E90	3803	07	12.4	20	SB		3					A
		05	1621		1645	No Flare Patrol													
0024		06	04155	04221	0438	S10	W06	3798	07	5.7	23	SN					25	.2	
	CULG	06	0415	0423	0437	S10	W07	3798	07	5.6	22	SN			C	0423	20	.2	
	LEAR	06	0420	0422	0439	S10	W06	3798	07	5.7	19	SF	2		C		30		
0025	CULG	06	0445	0453	0458	N06	W28		07	4.1	13	SF			C	0453	20	.2	
0026		06	07323	07361	0742	S11	W08	3798	07	5.7	10	SN					34	.4	D
	ISTA	06	0732		0740	S11	W07	3798	07	5.8	8	SF							D
	WEND	06	0733	0737	0742	S11	W08	3798	07	5.7	9	SN			C	0737	12	.1	D
	CATA	06	0735	0736	0745	S11	W10	3798	07	5.6	10	S	2		C	0735	56	.6	
0027	CATA	06	0800	0800	0805	S12	W12	3798	07	5.4	5	S		2	C	0800	45	.5	
0028		06	0838	0841	0853	S10	W09	3798	07	5.7	15	SN					36	.3	DF
	WEND	06	0838	0841	0851	S10	W08	3798	07	5.7	13	SN			C	0841	30	.3	
	PEKG	06	0842E	0842U	0858	S10	W10	3798	07	5.6	16D	SN			P	0842	42	.4	D
	LEAR	06	0842E	0843U	0853	S11	W10	3798	07	5.6	11D	SF	2		C		39		F
	YUNN	06	0844E	0844U	0849	S10	W10	3798	07	5.6	5D	SN			P	0844	32	.3	D
	KANZ	06	0847E		0851D	S11	W09	3798	07	5.7	4D	SF	2						
0029		06	1206	1208	1217	S12	W08	3798	07	5.9	11	SN					70	1.0	
	ATHN	06	1206	1208	1216	S12	W07	3798	07	6.0	10	SN	4		V	1208	95	1.0	
	RAMY	06	1208E	1208U	1218	S11	W10	3798	07	5.7	10D	SN	3		C		44		
0030		06	19402	1942	1949	N08	E79	3803	07	12.7	9	SN					60		
	BIGB	06	1940	1942	1952	N09	E79	3803	07	12.7	12	SN	3		C	1942	60		
	HOLL	06	1942	1942	1946	N08	E79	3803	07	12.7	4	SF	3		C				
0031		06	21005	21134	2149	S20	E46	3801	07	10.4	49	SN	C 1.3				66	1.0	
	BIGB	06	2100	2113	2202	S21	E47	3801	07	10.5	62	SN		3	C	2113	70	1.0	
	HOLL	06	2105	2117	2136	S20	E45	3801	07	10.3	31	SF	C 1.3	3	C		62		
0032	HOLL	06	2150	2151	2200	S17	E42	3802	07	10.1	10	SF		3	C		18		
0033	HOLL	06	2340	2341	2350	S17	E41	3802	07	10.1	10	SF		3	C		75		F
0034		07	00513	0056	0110	S16	E40	3802	07	10.1	19	SN					80	1.1	
	CULG	07	0051	0056	0100	S15	E40	3802	07	10.1	9	SF			C	0056	60	.8	
	BIGB	07	0054	0056	0120	S18	E41	3802	07	10.1	26	SN	3		C	0056	100	1.4	
0035		07	01491	01541	0212	S16	E39	3802	07	10.0	23	1N	C 2.2				166	2.2	F
	PALE	07	0149	0154	0257D	S16	E39	3802	07	10.0	68D	1N	C 2.2	3	C		187		F
	CULG	07	0150	0155	0220	S15	E39	3802	07	10.0	30	SN			C	0155	100	1.4	
	PEKG	07	0155E	0156U	0205	S18	E39	3802	07	10.0	10D	1F			P	0156	210	3.0	F
0036	YUNN	07	0210	0213	0220D	S17	E38	3802	07	10.0	10D	SN			P		48	.7	ET
0037	YUNN	07	0240E	0243	0250D	S18	E40	3801	07	10.1	10D	SN			P		64	.9	FT
0038	CULG	07	0301	0302	0306	S11	W19	3798	07	5.7	5	SN			C	0302	80	.8	
0039		07	04078	0409*	0453	S17	E37	3802	07	10.0	46	1B					190	2.6	EFTUW
	CULG	07	0407	0409	0414	S16	E38	3802	07	10.0	7	SB			C	0409	130	1.8	EF
	TACH	07	0408	0409	0523	S17	E36	3802	07	9.9	75	1B			C	0420	309	4.3	E
	CULG	07	0415	0415	0509	S16	E38	3802	07	10.0	54	SB			C	0415	90	1.2	EFW
	PEKG	07	0420E	0421	0445	S18	E37	3802	07	10.0	25D	1N			C	0421	244	3.4	FU
	YUNN	07	0444E	0445U	0526D	S19	E36	3802	07	9.9	42D	1B			P	0445	177	2.5	FT
0040	YUNN	07	0812E	0815U	0825	N09	E75	3803	07	13.0	13D	SN			P		32		DT
0041	CATA	07	0905	0910	0915	S16	E33	3802	07	9.9	10	S		2	C	0910	28	.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 Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0042	ABST	07	1009E	1009U	1011D	S18	E34	3801	07 10.0	2D	1F			P	1009	174	2.3	E
0043	ABST	07	1130E	1133U	1136D	N10	E70	3803	07 12.7	6D	1F			P	1133	87		D
0044		07	1946	1949	1958	S10	W30	3798	07 5.6	12	SB					65		
	RAMY	07	1946	1949	1958	S11	W31	3798	07 5.5	12	SB		3	C		69		
	PALE	07	1951E	1951U	2004D	S10	W30	3798	07 5.6	13D	SB		3	C		61		
0045		08	0118	0124	0140	S16	E26	3802	07 10.0	22	SF					32		F
	HOLL	08	0118	0124	0142	S17	E26	3802	07 10.0	24	SF		3	C		33		
	PALE	08	0121E	0122U	0138	S16	E27	3802	07 10.1	17D	SF		3	C		32		F
0046	PALE	08	0224	0227	0248	N17	E90	3804	07 14.9	24	SF	M 1.0	3	C				
0047		08	0416*	0421*	0506	N09	E61	3803	07 12.7	50	SN					88	1.5	EFJK
	LEAR	08	0416	0421	0516	N09	E61	3803	07 12.7	60	SN		3	C		43		K
	LEAR	08	0416	0447	0516	N09	E61	3803	07 12.7	60	SB		3	C		97		FEK
	ABST	08	0440	0443	0500	N08	E65	3803	07 13.1	20	1N			C	0443	131		EK
	CULG	08	0442	0444	0451	N10	E58	3803	07 12.5	9	SN			C	0444	80	1.5	J
0048		08	05323	0536	0544	N08	E62	3803	07 12.9	12	SN					54		DF
	ABST	08	0532	0536	0545	N08	E63	3803	07 12.9	13	SF			C	0536	87		D
	LEAR	08	0535	0536	0543	N09	E60	3803	07 12.7	8	SN		3	C		22		F
0049		08	06506	0653*	0721	N10	E89	3804	07 15.0	31	1N	M 8.8				86		ADFV
	LEAR	08	0650	0653	0717	N10	E88	3804	07 14.9	27	1N	M 8.8	3	C				F
	KANZ	08	0653E	0708	0736	N12	E89	3804	07 15.0	43D	SB		3					A
	ABST	08	0656	0657	0710	N10	E90	3804	07 15.0	14	1N			C	0657	87		ADV
	CATA	08	0700E	0705	0715D	N08	E90	3804	07 15.0	15D	1		2	P	0705	84		A
0050		08	0736	0740	0748	N20	E90	3804	07 15.2	12	1N					169		A
	CATA	08	0730E	0740	0740D	N18	E90	3804	07 15.2	10D	2		2	P	0740	169		A
	KANZ	08	0736	0740	0748	N21	E90	3804	07 15.2	12	SN		3					A
0051		08	0754	07566	0824	N11	E90	3804	07 15.1	30	SN							ALT
	KHAR	08	0754E	0756	0820D	N11	E90	3804	07 15.1	26D	1N			V	0756			L
	KANZ	08	0754	0802	0824	N12	E89	3804	07 15.0	30	SB		3					AT
	KHAR	08	0830E		0836D	N11	E90	3804	07 15.1	6D	SF			V	0833			L
0052	KHAR	08	0942E		0945D	N08	E90	3804	07 15.1	3D	SN			V	0942			H
0053	KHAR	08	0956E		0958D	N08	E90	3804	07 15.2	2D	SN			V	0957			H
0054	KANZ	08	1150		1218D	N18	E88	3804	07 15.2	28D	SN		2					
0055	KANZ	08	1154	1158	1210	N10	E57	3803	07 12.8	16	SN		2					
0056		08	13387	13407	1346	N10	E84	3804	07 14.9	8	SF							
	HOLL	08	1338	1340	1344	N10	E84	3804	07 14.9	6	SF		3	C				
	HOLL	08	1345	1347	1349	N10	E84	3804	07 14.9	4	SF		3	C				
0057		08	1343	1346	1404	S20	E16	3801	07 9.8	21	SF					48		
	RAMY	08	1343	1346	1401	S20	E17	3801	07 9.9	18	SF		3	C		51		
	HOLL	08	1343	1346	1407	S20	E16	3801	07 9.8	24	SF		3	C		46		
0058		08	1408	14101	1432	N10	E87	3804	07 15.1	24	1N					120		
	BIGB	08	1344E	1411	1450	N09	E90	3804	07 15.3	66D	1N		3	P	1411	120		
	HOLL	08	1408	1410	1414	N10	E84	3804	07 14.9	6	SF		3	C				
0059	HOLL	08	1523	1525	1540	N10	E85	3804	07 15.0	17	SN		3	C				
0060	HOLL	08	1553	1553	1607	N09	E80	3804	07 14.7	14	SF		3	C				
0061	HOLL	08	1657	1659	1720	N09	E87	3804	07 15.2	23	SF		3	C				
0062		08	1707	1707	1722	N10	E56	3803	07 12.9	15	SF					19		
	HOLL	08	1707	1707	1716	N09	E56	3803	07 12.9	9	SF		3	C		16		
	RAMY	08	1707	1707	1729	N11	E55	3803	07 12.8	22	SF		3	C		22		

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0063	HOLL	08	1802E	1802U	1827	N09	E91	3804	07	15.6	25D	SN	C	3.0	3	C				
0064		08	1939	2003	2027	N10	E84	3804	07	15.1	48	SB	C	3.2						
	HOLL	08	1939	2003U	2027	N09	E84	3804	07	15.1	48	SB	C	3.2	3	C				
	PALE	08	1945E	2003	2026D	N11	E85	3804	07	15.2	41D	SB			3	C				
0065	HOLL	08	2041E	2041U	2045	N18	E78	3804	07	14.8	4D	SF	C	6.6	1	C				
0066	HOLL	08	2101	2105U	2109	N09	E84	3804	07	15.2	8	SF			2	C				
0067	HOLL	08	2150	2153	2157	N09	E83	3804	07	15.1	7	SF			3	C				
0068		08	2255I	2259*	2308	N09	E84	3804	07	15.2	13	SN						60		
	HOLL	08	2255	2259	2306	N08	E85	3804	07	15.3	11	SN			2	C				
	BIGB	08	2256	2259	2309	N09	E85	3804	07	15.3	13	SN			3	C	2259	60		
	HOLL	08	2315E	2317	2318D	N09	E82	3804	07	15.1	3D	SN			2	C				
0069		08	2327E	2329	2416	N12	E81	3804	07	15.1	49D	SN						60		
	BIGB	08	2327E	2329	2416	N10	E85	3804	07	15.4	49D	SN			3	C	2329	60		
	LEAR	08	2345E	2345U	2416	N15	E77	3804	07	14.8	31D	SN			3	C				
0070		09	0018*	00362	0136	N11	E79	3804	07	14.9	78	1B	M	1.4				70		EFJ
	LEAR	09	0018	0036	0121	N10	E77	3804	07	14.8	63	1B			3	C			FE	
	BIGB	09	0018	0037	0118	N10	E77	3804	07	14.8	60	1B			3	C	0037	90		
	PALE	09	0024	0038	0303	N12	E80	3804	07	15.0	159	1B	M	1.4	3	C			F	
	CULG	09	0036	0036	0040	N12	E81	3804	07	15.1	4	SN				C	0036	50	J	
0071		09	0028	0031	0048	N10	E50	3803	07	12.8	20	SN						72	1.3	
	BIGB	09	0028	0031	0048	N10	E50	3803	07	12.8	20	SN			3	C	0031	80	1.3	
	PALE	09	0028	0031	0048	N10	E50	3803	07	12.8	20	SN			3	C		63		
0072	LEAR	09	0154	0155	0200	N09	E49	3803	07	12.7	6	SN			3	C		39		F
0073	LEAR	09	0217	0232	0246	N14	W77	3796	07	3.3	29	SF			3	C				
0074	LEAR	09	0251	0251	0301	N10	E78	3804	07	15.0	10	SN			3	C				
0075	LEAR	09	0308	0310	0327	N09	E49	3803	07	12.8	19	SN			3	C		52		F
0076		09	0310I	0317*	0318	N10	E78	3804	07	15.0	8	SN								F
	LEAR	09	0310	0317	0318	N10	E77	3804	07	14.9	8	SF			3	C				F
	PALE	09	0311	0335	0346D	N11	E80	3804	07	15.1	35D	SN			2	C				F
0077	PALE	09	0342	0356	0356D	N10	E50	3803	07	12.9	14D	SF			2	C		36		
0078	ABST	09	0402E	0434	0511D	N09	E80	3804	07	15.2	69D	1N			P	0434	174			FK
0079		09	0414I	0414	0421	N11	E50	3803	07	12.9	7	SF					74	1.1		DV
	ABST	09	0414	0414	0421	N11	E49	3803	07	12.9	7	SF			C	0414	87	1.3		DV
	CULG	09	0415	0415U	0419D	N11	E50	3803	07	12.9	4D	SF			P	0415	60	.9		
0080	LEAR	09	0415	0415	0429	N10	E76	3804	07	14.9	14	SN			3	C				F
0081	LEAR	09	0439	0442	0445	N09	E46	3803	07	12.6	6	SF			3	C		22		
0082	LEAR	09	0523	0523	0529	N10	E76	3804	07	14.9	6	SN			3	C				
0083		09	0548	0554	0603	N11	E80	3804	07	15.3	15	1N					66			D
	ABST	09	0548	0554	0559	N10	E80	3804	07	15.2	11	1N			C	0554	87			D
	WEND	09	0548	0554	0607	N12	E80	3804	07	15.3	19	SN			C	0554	44			
0084		09	0720*	0737*	0816	N18	E76	3804	07	15.1	56	3B					574			KZ
	KANZ	09	0720	0743	0800	N19	E76	3804	07	15.1	40	2B			3					
	BUCA	09	0730	0737	0820	N16	E77	3804	07	15.1	50	3N				C	0737	644		
	LEAR	09	0731	0738U	0916D	N17	E73	3804	07	14.9	105D	3B			3	C				ZK
	LEAR	09	0731	0800	0916D	N17	E73	3804	07	14.9	105D	2B			3	C		392		K
	WEND	09	0732E	0738	0829	N19	E78	3804	07	15.3	57D	2B				C	0738	360		
	CATA	09	0735	0740	0817	N18	E78	3804	07	15.2	42	3			2	C	0740	899		

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																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0085		09	08482	0754*	0947	N11	E80	3804	07	15.4	59	1B					66		A
	ATHN	09	0753E	0754	1001D	N10	E80	3804	07	15.3	128D	B		2	V	0754			
	WEND	09	0848		0947	N12	E79	3804	07	15.3	59	1N			C	0905	63		A
	CATA	09	0850	0900	0930D	N10	E80	3804	07	15.4	40D	1		2	P	0900	68		
0086	WEND	09	1050	1054	1102	N19	E76	3804	07	15.2	12	1F			C	1054	100		
0087	RAMY	09	1117	1131	1137D	N12	E73	3804	07	15.0	20D	2B		3	C				Y
0088		09	1334E	1334	1418	N12	E73	3804	07	15.1	44D	SN					30		FK
	HOLL	09	1334E	1334	1418	N12	E73	3804	07	15.1	44D	SN		3	C		45		K
	HOLL	09	1334E	1416U	1418	N12	E73	3804	07	15.1	44D	SN		3	C		14		FK
0089	KANZ	09	1435	1438	1441	N19	E75	3804	07	15.3	6	SF		3					
0090		09	14451	1500	1510	N10	E76	3804	07	15.3	25	SN					70		F
	HOLL	09	1445	1500	1510	N10	E76	3804	07	15.3	25	SN		3	C				F
	BIGB	09	1446	1500	1510	N10	E76	3804	07	15.3	24	SN		3	C	1500	70		
0091		09	15162	15192	1528	N09	E74	3804	07	15.2	12	SN					80		F
	BIGB	09	1516	1521	1528	N09	E74	3804	07	15.2	12	SN		3	C	1521	80		
	HOLL	09	1518	1519	1527	N09	E74	3804	07	15.2	9	SN		3	C				F
0092	KANZ	09	1532	1535	1543	N17	E76	3804	07	15.4	11	SF		3					
0093		09	1605*	1606*	1640	S09	E84	3807	07	16.0	35	SF					8		
	HOLL	09	1605	1606	1614	S09	E82	3807	07	15.8	9	SF		3	C				
	HOLL	09	1616	1623	1650	S09	E85	3807	07	16.0	34	SF		3	C				
	HOLL	09	1652	1654	1657	S09	E85	3807	07	16.1	5	SF		3	C		8		
0094	HOLL	09	1609	1611	1624	S22	E13	3801	07	10.7	15	SF		3	C		26		F
0095		09	16151	16193	1648	N11	E73	3804	07	15.2	33	1B					120		YZ
	WEND	09	1615		1646	N12	E73	3804	07	15.2	31	1N			C	1636	150		
	BIGB	09	1616	1622	1651	N09	E73	3804	07	15.1	35	SB		3	C	1622	90		
	RAMY	09	1619E	1619	1625D	N12	E73	3804	07	15.2	60	2B		3	C				ZY
0096	HOLL	09	1658	1706	1716	N09	E73	3804	07	15.2	18	SN		3	C				F
0097	HOLL	09	1806	1807	1816	S09	E81	3807	07	15.8	10	SF		3	C				
0098		09	18361	18412	1900	N09	E71	3804	07	15.1	24	SB M 1.0					68		
	HOLL	09	1836	1841	1903	N09	E71	3804	07	15.1	27	SB M 1.0		3	C		57		
	BIGB	09	1837	1843	1858	N09	E71	3804	07	15.1	21	SB		3	C	1843	80		
0099	HOLL	09	1918	1922	1925	N09	E72	3804	07	15.2	7	SF		3	C		13		
0100		09	1926	2108*	2228	N09	E71	3804	07	15.1	182	1B					164		FHK
	HOLL	09	1926	2108	2228	N09	E71	3804	07	15.1	182	1B		3	C		206		FHK
	HOLL	09	1926	2123	2228	N09	E71	3804	07	15.1	182	1N		3	C		123		K
0101		09	2014*	2023*	2132	N18	E74	3804	07	15.5	78	2B					170		FK
	BIGB	09	2014	2030	2102	N18	E74	3804	07	15.5	48	1B		3	C	2030	100		
	PALE	09	2018	2023	2115D	N18	E74	3804	07	15.5	57D	1B		3	C		239		K
	PALE	09	2018	2109	2115D	N18	E74	3804	07	15.5	57D	2B		3	C				FK
	BIGB	09	2105	2108	2201	N18	E74	3804	07	15.5	56	2B		3	C	2108	170		
0102	PALE	09	2147	2153	2156	N13	W88	3796	07	3.3	9	SN		3	C				
0103	PALE	09	2211	2225	2233	S23	E54	3806	07	14.1	22	SN		3	C		17		
0104		09	2238	2238*	2309	S25	E53	3806	07	14.0	31	SN					38		K
	PALE	09	2238	2238	2309	S25	E53	3806	07	14.0	31	SF		3	C		14		K
	PALE	09	2238	2306	2309	S25	E53	3806	07	14.0	31	SN		3	C		61		K
0105		09	22549	2305*	2407	N09	E71	3804	07	15.3	73	SN M 1.9					106		E
	HOLL	09	2254	2305	2356	N09	E69	3804	07	15.1	62	SB M 1.9		3	C		67		E
	BIGB	09	2303	2306	2312	N09	E75	3804	07	15.6	9	SB		3	C	2306	90		
	MITK	09	2303	2354	2514	N08	E69	3804	07	15.1	131	1F			C	2354	160		E

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0106		09	22579	2259*	2312	N09	E40	3803	07	12.9	15	SN					42		F
	HOLL	09	2257	2259	2307	N08	E39	3803	07	12.9	10	SF		3	C		55		F
	PALE	09	2306	2314	2317	N10	E40	3803	07	13.0	11	SN		3	C		29		
0107		10	00189	00326	0045	N07	E68	3804	07	15.1	27	1N					124		EFJ
	HOLL	10	0018	0032	0042	N08	E68	3804	07	15.1	24	SB		3	C		72		FE
	BIGB	10	0019	0032	0046	N08	E68	3804	07	15.1	27	1B		3	C	0032	120		
	CULG	10	0027	0038	0046	N06	E68	3804	07	15.1	19	1F			C	0038	180		J
0108		10	0100*	0130*	0236	N18	E66	3804	07	15.1	96	1B M	2.5				182		EFKV
	MITK	10	0100	0201	0244	N15	E65	3804	07	15.0	104	1N			C	0201	240		E
	LEAR	10	0111	0130	0235	N18	E68	3804	07	15.2	84	SN		3	C		29		K
	LEAR	10	0111	0201	0235	N18	E68	3804	07	15.2	84	1B M	2.5	3	C		241		FEK
	HOLL	10	0112	0133	0201D	N19	E61	3804	07	14.7	49D	SB		3	C		82		FE
	CULG	10	0139E	0200	0231	N20	E69	3804	07	15.3	52D	2B			P	0200	320		FEV
0109	PALE	10	0140	0140	0154	S10	W34	3805	07	7.5	14	SF		3	C		20		
0110	PALE	10	0152	0212	0214	S23	E51	3806	07	14.0	22	SN		3	C		26		
0111		10	0257*	0312*	0323	S23	E50	3806	07	14.0	26	SF					20		
	PALE	10	0257	0312	0317	S23	E51	3806	07	14.0	20	SF		3	C		19		
	PALE	10	0318	0327	0329	S23	E50	3806	07	14.0	11	SF		3	C		20		
0112		10	0307*	0308*	0322	N15	E69	3804	07	15.3	15	SN M	1.2				66		EFT
	LEAR	10	0307	0308	0314	N14	E67	3804	07	15.2	7	SN		3	C		22		
	CULG	10	0316	0318	0320	N21	E70	3804	07	15.5	4	SN			C	0318	60		
	LEAR	10	0316	0318	0324	N16	E69	3804	07	15.4	8	SB M	1.2	3	C		53		E
	TACH	10	0319		0325	N17	E70	3804	07	15.4	6	SB			C	0319	177		FT
	LEAR	10	0325	0325	0330	N10	E68	3804	07	15.2	5	SN		3	C		21		F
0113	PALE	10	0309	0320	0329	S11	W36	3805	07	7.4	20	SF		3	C		24		
0114	PALE	10	0315	0316	0325	S17	E00	3802	07	10.1	10	SF		3	C		21		
0115		10	04025	04091	0423	N16	E69	3804	07	15.4	21	1B M	1.1				173		DEFT
	LEAR	10	0402	0409	0451D	N16	E69	3804	07	15.4	49D	1B M	1.1	3	C		134		E
	ABST	10	0406	0409	0425	N12	E70	3804	07	15.4	19	1B			C	0409	87		D
	ABST	10	0406	0409	0425	N16	E70	3804	07	15.5	19	1F			C	0409	131		D
	CULG	10	0407	0410	0418	N18	E69	3804	07	15.4	11	1B			C	0410	160		
	TACH	10	0407	0410	0419D	N17	E70	3804	07	15.5	12D	2B			C	0410	355		FT
0116	YUNN	10	0437E	0437U	0443D	N12	W89		07	3.5	6D	1N			P	0437	80		AG
0117		10	05181	05221	0540	N16	E68	3804	07	15.4	22	1B					132		DFT
	ABST	10	0518	0522	0545	N16	E66	3804	07	15.2	27	SN			C	0522	87		D
	TACH	10	0519	0523	0534	N17	E70	3804	07	15.5	15	1B			C	0523	177		FT
0118		10	0506*	06029	0620	N16	E68	3804	07	15.4	74	1N					72		DKT
	ABST	10	0506	0602	0640	N16	E70	3804	07	15.5	94	1N			C	0602	87	2.7	DK
	CULG	10	0558	0603	0615	N18	E68	3804	07	15.4	17	SN			C	0603	60		
	ATHN	10	0600E	0604	0608D	N15	E64	3804	07	15.1	8D	1B		3	V	0604	95	2.7	
	WEND	10	0600	0604	0614	N17	E67	3804	07	15.3	14	SN			C	0604	38		
	YUNN	10	0600	0605	0614	N15	E72	3804	07	15.7	14	1B			C		80		DT
	KANZ	10	0611E	0611	0617	N16	E69	3804	07	15.5	6D	SN		2					
0119	KANZ	10	0611E	0657	0728	S11	E81	3809	07	16.3	77D	SN		3					
0120	KANZ	10	0629	0629	0633	N20	E70	3804	07	15.6	4	SN		3					
0121		10	0614*	0618*	0705D	S10	E90	3809	07	17.0	51D	1F					100		AD
	ABST	10	0614	0618	0705D	S12	E90	3809	07	17.0	51D	1F			P	0618	87		AD
	CATA	10	0630	0630	0655D	S08	E90	3809	07	17.0	25D	1		2	P	0630	112		
0122	YUNN	10	0651	0655	0700	N15	E70	3804	07	15.6	9	SN			C		32		DT
0123		10	06532	06583	0709	S24	E47	3806	07	13.9	16	SN					93		EJ
	KANZ	10	0653	0701	0712	S23	E47	3806	07	13.9	19	SF		3				1.6	
	WEND	10	0654	0658	0708	S24	E46	3806	07	13.8	14	SF			C	0658	56	.9	
	ABST	10	0654	0659	0705D	S24	E48	3806	07	14.0	11D	1N			P	0659	174	3.1	EJ
	YUNN	10	0655	0658	0708	S25	E48	3806	07	14.0	13	SN			C		48	.9	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
0124	10	07134	07169	0734	N16 E65	3804	07 15.2	21	SN					48	.8	
	ATHN	10	0713	0716	0732	N14 E63	3804	07 15.1	19	SB		3 V	0716	32	.8	
	KANZ	10	0716	0724	0736	N17 E65	3804	07 15.2	20	SN		3				
	WEND	10	0717	0725	0733	N16 E67	3804	07 15.4	16	SN		C	0725	63		
0125	KANZ	10	0755	0807	0815	S07 E74	3807	07 15.9	20	SF		3				
0126	10	08265	08337	0854	N16 E65	3804	07 15.3	28	SN					83	1.8	ET
	WEND	10	0826	0840	0909	N16 E64	3804	07 15.2	43	1F		C	0840	118		
	KANZ	10	0827	0835	0855	N17 E65	3804	07 15.3	28	SN		3				
	ATHN	10	0829	0835	0849	N14 E65	3804	07 15.3	20	SB		3 V	0835	64	1.8	
	MONT	10	0831	0833	0837	N16 E69	3804	07 15.6	6	SN		C	0831	70		
	KHAR	10	0832E	0833	0850D	N19 E65	3804	07 15.3	18D	1N		V	0833			E
	YUNN	10	0850E	0850U	0900	N12 E62	3804	07 15.0	10D	SN		P	0850	80	1.7	ET
0127	KANZ	10	0922	0922	0936	N15 E62	3804	07 15.1	14	SN		3				H
0128	10	0936*	1000	1010	S24 E46	3806	07 13.9	34	SF					88	1.4	
	KANZ	10	0936	1000	1015	S24 E46	3806	07 13.9	39	SF		3				
	WEND	10	0957	1000	1006	S24 E45	3806	07 13.9	9	SF		C	1000	88	1.4	
0129	10	09569	1010*	1030	N16 E65	3804	07 15.3	34	SN					127	4.1	H
	KANZ	10	0956	1012	1031	N17 E66	3804	07 15.4	35	SN		3				H
	WEND	10	1004	1010	1018D	N16 E65	3804	07 15.3	14D	SN		C	1010	85		
	CATA	10	1005	1020	1030	N15 E65	3804	07 15.3	25	1		2 C	1020	169	4.1	
0130	10	1115	11357	1205	N19 E62	3804	07 15.2	50	1B					197	4.5	
	KANZ	10	1115	1142	1205	N20 E62	3804	07 15.2	50	1B		3				
	CATA	10	1135E	1135	1145D	N18 E63	3804	07 15.3	10D	1		2 P	1135	197	4.5	
0131	KANZ	10	1153	1201	1221	S23 E44	3806	07 13.9	28	SN		2				
0132	KANZ	10	1205	1205	1221	S23 W09	3801	07 9.8	16	SF		3				
0133	WEND	10	1306	1310	1312	N12 E57	3804	07 14.8	6	SF		C	1310	31	.6	
0134	KANZ	10	1344	1344	1356	S23 E43	3806	07 13.9	12	SN		2				
0135	10	1512	1512	1518	N14 E63	3804	07 15.4	6	SN					56		F
	HOLL	10	1512E	1512U	1517	N14 E63	3804	07 15.4	5D	SN		3 C		23		F
	BIGB	10	1512	1512	1518	N14 E63	3804	07 15.4	6	SN		3 C	1512	90		
0136	10	15232	1527	1548	N10 E57	3804	07 14.9	25	1N C 5.9					126		F
	BIGB	10	1523	1527	1547	N10 E57	3804	07 14.9	24	1N		3 C	1527	160		
	HOLL	10	1525	1527	1550	N10 E57	3804	07 14.9	25	SN C 5.9		3 C		92		F
0137	10	1532*	1605*	1704	S25 E42	3806	07 13.9	92	SB					136	2.1	K
	HOLL	10	1532	1605	1717	S26 E42	3806	07 13.9	105	SN		3 C		70		K
	HOLL	10	1532	1617	1717	S26 E42	3806	07 13.9	105	SB		3 C		185		K
	BIGB	10	1534	1617	1720	S26 E42	3806	07 13.9	106	SB		3 C	1617	140	1.9	
	WEND	10	1606	1622	1639	S24 E42	3806	07 13.9	33	1N		C	1622	150	2.3	
	KANZ	10	1614	1622	1647	S24 E43	3806	07 14.0	33	SB		2				
0138	10	16152	16193	1658	N10 E55	3804	07 14.8	43	SN M 2.4					54	1.0	EF
	HOLL	10	1615	1619	1709	N10 E55	3804	07 14.8	54	SB M 2.4		3 C		47		FE
	BIGB	10	1616	1620	1707	N10 E55	3804	07 14.8	51	SB		3 C	1620	70	1.3	
	WEND	10	1617	1622	1639	N11 E55	3804	07 14.8	22	SF		C	1622	44	.8	
0139	HOLL	10	1706	1707	1807	S13 E80	3809	07 16.7	61	SF		3 C				
0140	10	17134	1717*	1827	N10 E56	3804	07 14.9	74	1N					131	3.5	EF
	BIGB	10	1713	1743	1819	N11 E58	3804	07 15.1	66	1B		3 C	1743	180	3.5	
	PALE	10	1713	1743	1928	N11 E58	3804	07 15.1	135	1N		3 C		192		FE
	HOLL	10	1717	1717	1733	N09 E52	3804	07 14.6	16	SN		3 C		20		F
0141	10	1713*	17471	1821	S23 E41	3806	07 13.9	68	SN					106	1.1	F
	PALE	10	1713	1747	1852	S23 E42	3806	07 13.9	99	1N		3 C		200		F
	BIGB	10	1730	1748	1812	S23 E42	3806	07 14.0	42	SN		3 C	1748	80	1.1	
	HOLL	10	1746	1748	1800	S24 E39	3806	07 13.7	14	SN		3 C		39		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
						Region											Apparent (10-6 Disk)	Corr (Sq Deg)	
0142	HOLL	10	1821	1832	1839	S25	E40	3806	07	13.9	18	SN		3	C		31		F
0143		10	18521	18531	1916	S21	W15	3801	07	9.6	24	SN					83	1.0	F
	BIGB	10	1852	1853	1919	S21	W15	3801	07	9.6	27	SN		3	C	1853	90	1.0	
	HOLL	10	1853	1854	1914	S21	W15	3801	07	9.6	21	SN		3	C		76		F
0144		10	19485	1950*	2102	N16	E60	3804	07	15.4	74	SB					46	1.5	EF
	BIGB	10	1948	1950	2002	N15	E61	3804	07	15.4	14	SN		3	C	1950	70	1.5	
	PALE	10	1953	2024	2201	N17	E60	3804	07	15.4	128	SB		3	C		23		FE
0145		10	1959*	2016*	2200	N10	E53	3804	07	14.8	121	1B					178	2.6	K
	BIGB	10	1959	2016	2201	N09	E52	3804	07	14.7	122	1B		3	C	2016	210	3.5	
	HOLL	10	2001	2016	2158	N09	E52	3804	07	14.7	117	1B		3	C		319		K
	HOLL	10	2001	2147	2158	N09	E52	3804	07	14.7	117	SB		3	C		81		K
	BIGB	10	2132	2150	2201	N14	E56	3804	07	15.1	29	SB		3	C	2141	100	1.8	
0146	HOLL	10	2011	2014	2019	S24	E37	3806	07	13.7	8	SN		3	C		37		
0147		10	20453	20505	2118	S23	E40	3806	07	13.9	33	SB					126	1.2	
	PALE	10	2045	2055	2122	S23	E40	3806	07	13.9	37	SB		3	C		163		
	BIGB	10	2048	2050	2114	S23	E40	3806	07	13.9	26	SB		3	C	2050	90	1.2	
0148		10	2210	2215*	2300	S19	W14	3801	07	9.8	50	1N					269	2.6	FIJ
	HOLL	10	2210	2215	2302	S19	W15	3801	07	9.8	52	1N		3	C		316		
	BIGB	10	2210	2216	2312	S19	W15	3801	07	9.8	62	1B		3	C	2216	240	2.6	
	CULG	10	2210	2225	2246	S19	W13	3801	07	9.9	36	1F			C	2225	250	2.7	FIJ
0149		10	22429	22541	2329	N10	E26	3803	07	12.9	47	SN					152	1.0	E
	HOLL	10	2242	2254	2349	N11	E26	3803	07	12.9	67	1N		3	C		232		
	PALE	10	2244	2255	2332	N12	E25	3803	07	12.8	48	1B		3	C		207		
	MITK	10	2248E	2255	2335	N06	E27	3803	07	13.0	47D	SF			C	2255			E
	BIGB	10	2250	2255	2322	N11	E26	3803	07	12.9	32	SN		3	C	2255	120	1.4	
	CULG	10	2251	2254	2306	N13	E27	3803	07	13.0	15	SF			C	2254	50	.6	
0150		10	23192	23211	2336	N12	E54	3804	07	15.0	17	SB M 4.0					80	1.3	DE
	CULG	10	2319	2321	2326	N16	E53	3804	07	15.0	7	SN			C	2321	90	1.4	
	BIGB	10	2319	2321	2339	N13	E55	3804	07	15.1	20	SB		3	C	2321	70	1.3	
	MITK	10	2319	2322	2355	N07	E55	3804	07	15.1	36	SN			C	2322			E
	PEKG	10	2320	2321	2328	N14	E54	3804	07	15.0	8	SB			C	2321	76	1.3	D
	HOLL	10	2321	2321	2333	N13	E55	3804	07	15.1	12	SB M 4.0	3	C		84			
0151		11	0031*	0031*	0120	S11	E69	3809	07	16.2	49	SN					70		K
	HOLL	11	0031	0031	0124D	S11	E69	3809	07	16.2	53D	SF		3	C		8		K
	HOLL	11	0031	0058	0124D	S11	E69	3809	07	16.2	53D	1N		3	C		121		K
	BIGB	11	0041	0104	0120	S11	E69	3809	07	16.2	39	SN		3	C	0104	80		
0152	PEKG	11	0129	0133	0139	S24	E35	3806	07	13.8	10	SF			C	0133	50	.7	D
0153	PALE	11	0201	0202	0215	S23	E37	3806	07	13.9	14	SF		3	C		32		
0154		11	0206	02081	0223	N16	E52	3804	07	15.0	17	SB					54	.6	
	CULG	11	0206	0208	0223	N16	E51	3804	07	14.9	17	SN			C	0208	40	.6	
	PALE	11	0206	0209	0210D	N15	E53	3804	07	15.1	4D	SB		3	C		68		
0155		11	02305	02364	0248	N14	E52	3804	07	15.0	18	SN					65	1.2	EF
	PEKG	11	0230	0236	0245	N13	E53	3804	07	15.1	15	SN			C	0236	84	1.5	E
	PALE	11	0234	0240	0255	N14	E52	3804	07	15.0	21	SB		3	C		52		
	CULG	11	0235	0236	0243	N15	E51	3804	07	15.0	8	SN			C	0236	60	.9	F
0156	PALE	11	0235	0237	0247	S23	E37	3806	07	13.9	12	SB M 2.2	3	C		34			
0157	PALE	11	0311	0313	0321	N14	E52	3804	07	15.1	10	SB		3	C		43		
0158		11	0338	0339	0350	N15	E52	3804	07	15.1	12	SB					46	.8	ET
	CULG	11	0338	0339	0346	N15	E50	3804	07	14.9	8	SB			C	0339	60	.9	T
	YUNN	11	0345E	0345U	0355	N15	E55	3804	07	15.3	10D	SN			P	0345	32	.6	ET
0159		11	04182	04204	0434	N16	E52	3804	07	15.1	16	SB					99	1.7	DEJ
	PEKG	11	0418	0421	0434	N14	E52	3804	07	15.1	16	SN			C	0421	71	1.2	E
	TACH	11	0419	0420	0432	N17	E53	3804	07	15.2	13	1B			C	0420	177	3.0	D
	CULG	11	0420	0424	0435	N17	E50	3804	07	15.0	15	SB			C	0424	50	.8	J

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																Apparent (10-6 Disk)	Corr (Sq Deg)	
0160		11	0444	0449	0502	N16	E54	3804	07	15.3	18	SN				54	1.0	EFT
	CULG	11	0444	0449	0502	N16	E54	3804	07	15.3	18	SF		C	0449	60	1.0	F
	YUNN	11	0446E	0446U	0452D	N17	E54	3804	07	15.3	60	SN		P	0446	48	.9	ET
0161		11	0619I	0619I	0633	N13	E50	3804	07	15.0	14	SN				84	1.4	DEJKT
	ABST	11	0545E	0545U	0700	N10	E53	3804	07	15.2	75D	1N		P	0545	174	2.9	EK
	YUNN	11	0617E	0617U	0625	N13	E51	3804	07	15.1	8D	SN		P	0617	32	.5	DT
	CULG	11	0619	0619	0622	N16	E48	3804	07	14.9	3	SF		C	0619	20	.2	J
	CATA	11	0620	0620	0625	N12	E50	3804	07	15.0	5	S	2	C	0620	112	1.8	
0162		11	0636*	0637*	0702	N15	E53	3804	07	15.3	26	1N				127	2.1	DFKTV
	KANZ	11	0623E	0659	0711	N16	E53	3804	07	15.3	48D	1N	3					F
	ABST	11	0636	0637	0655	N14	E53	3804	07	15.3	19	1N		C	0637	131	2.1	FKV
	YUNN	11	0640	0645	0650	N12	E51	3804	07	15.1	10	1N		C		129	2.1	FT
	ABST	11	0652	0658	0700D	N20	E56	3804	07	15.6	8D	SF		P	0658	87	1.5	D
	BUCA	11	0655	0700	0710	N12	E53	3804	07	15.3	15	1F		C	0700	161	2.7	
0163		11	07155	07205	0742	N22	E66		07	16.4	27	1N				144	8.3	DEGL
	BUCA	11	0715	0725	0800	N20	E65		07	16.3	45	2F		C	0725	344	8.3	E
	YUNN	11	0718	0720	0739	N23	E68		07	16.5	21	SN		C		32		DG
	KANZ	11	0719	0723	0735	N22	E64		07	16.2	16	SB	3					L
	CATA	11	0720	0720	0735	N24	E66		07	16.4	15	S	2	C	0720	56		
0164		11	07332	0735	0740	N18	E57	3804	07	15.6	7	SF				56	1.0	D
	ISTA	11	0733		0739	N19	E58	3804	07	15.7	6	SF						D
	CATA	11	0735	0735	0740	N18	E56	3804	07	15.6	5	S	2	C	0735	56	1.0	
0165		11	07385	07403	0750	N12	E49	3804	07	15.0	12	SB				39	.6	ET
	ATHN	11	0738	0740	0747	N11	E49	3804	07	15.0	9	SB	4	V	0740	32	.5	
	LEAR	11	0739	0741	0747	N13	E49	3804	07	15.0	8	SB	3	C		43		
	YUNN	11	0739	0743	0747	N12	E49	3804	07	15.0	8	SN		C		48	.8	ET
	KANZ	11	0743	0743	0755	N14	E49	3804	07	15.0	12	SB	3					
	YUNN	11	0751E	0751U	0757	N10	E50	3804	07	15.1	6D	SN		P	0751	32	.5	ET
0166		11	0807*	08135	0828	N13	E50	3804	07	15.1	21	SB	M 1.3			64	1.1	E
	LEAR	11	0807	0816	0832	N14	E50	3804	07	15.1	25	SB	M 1.3	3	C		53	
	KANZ	11	0810	0814	0830	N14	E51	3804	07	15.2	20	SB		3				
	ATHN	11	0812	0813	0827	N11	E49	3804	07	15.0	15	SB		4	V	0813	64	1.0
	CATA	11	0815	0815	0830	N14	E50	3804	07	15.1	15	S		2	C	0815	56	.9
	PEKG	11	0817	0818	0821	N14	E49	3804	07	15.0	4	SN		C	0818	84	1.4	E
0167		11	08282	08304	0844	N16	W24	3808	07	9.5	16	SF				30		
	LEAR	11	0828	0830	0834	N17	W24	3808	07	9.5	6	SF	3	C		30		
	KANZ	11	0830	0834	0853	N16	W25	3808	07	9.4	23	SF	3					
0168	KANZ	11	0834	0838	0842	S22	W20	3802	07	9.8	8	SN	3					
0169		11	0837	0839	0853	N08	E50	3804	07	15.1	16	SN				48	1.0	EFT
	LEAR	11	0837	0839	0853	N09	E49	3804	07	15.0	16	SN	3	C		32		F
	YUNN	11	0846E	0846U	0850D	N08	E50	3804	07	15.1	4D	SN		P	0846	64	1.0	ET
0170		11	08464	0850	0858	N20	E56	3804	07	15.6	12	SB				32	.6	EFT
	Y'JNN	11	0846	0850U	0850D	N19	E56	3804	07	15.6	4D	SN		P	0850	32	.6	EFT
	KANZ	11	0850	0850	0858	N20	E55	3804	07	15.6	8	SB	3					
0171		11	0930*	0935*	0950	N16	E53	3804	07	15.4	20	SN				43	.8	DET
	YUNN	11	0930	0935	0945D	N15	E54	3804	07	15.5	15D	SN		P		32	.6	DT
	WEND	11	0930	0941	0947D	N17	E54	3804	07	15.5	17D	SN		C	0941	25	.6	
	KANZ	11	0933		0933D	N17	E54	3804	07	15.5	17D	SN	3					
	PEKG	11	0938	0942	0944	N17	E53	3804	07	15.4	6	SN		C	0942	84	1.5	E
	ATHN	11	0949	0953	0955	N17	E53	3804	07	15.4	6	SN	2	V	0953	32	.6	
0172		11	1040	1045	1053	N17	E52	3804	07	15.4	13	SB				80	1.4	
	CATA	11	1040	1045	1050	N17	E53	3804	07	15.5	10	S	2	C	1045	112	2.0	
	ATHN	11	1045E	1045	1056	N17	E52	3804	07	15.4	11D	SB	3	V	1045	48	.9	
0173		11	1108	1110*	1130	N16	E52	3804	07	15.4	22	SB				62	1.1	
	ATHN	11	1108	1110	1116	N17	E53	3804	07	15.5	8	SB	3	V	1110	80	1.5	
	WEND	11	1133E	1135	1145	N15	E50	3804	07	15.3	12D	SN		C	1135	44	.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	Time (UT)	Area Apparent (10-6 Disk)	Measurement Corr (Sq Deg)	Remarks
0174		11	1119E	11209	1145	N10	E48	3804	07	15.1	26D	SB					48	.8	
	ATHN	11	1119E	1120	1123D	N10	E47	3804	07	15.0	4D	SN		3	V	1120	32	.5	
	ATHN	11	1129E	1129	1145	N11	E49	3804	07	15.2	16D	SB		3	V	1129	64	1.0	
0175		11	1235	1244*	1304	N12	E46	3804	07	15.0	29	1B					237	1.2	K
	RAMY	11	1222E	1248	1405D	N14	E48	3804	07	15.1	103D	SB		3	C		160		K
	RAMY	11	1222E	1301	1405D	N14	E48	3804	07	15.1	103D	2B		3	C		615		K
	WEND	11	1235	1244	1304	N11	E46	3804	07	15.0	29	SN			C	1244	63	.9	
	ATHN	11	1258E	1258	1315D	N10	E44	3804	07	14.8	17D	SB		2	V	1258	110	1.6	
0176	RAMY	11	1239	1246	1255	S23	E30	3806	07	13.8	16	SF		3	C		33		
0177		11	1337*	1345*	1424	N10	E49	3804	07	15.2	47	1B					201	3.2	EF
	HOLL	11	1337	1352	1352D	N12	E52	3804	07	15.5	15D	SB		3	C		178		FE
	WEND	11	1341	1404	1420	N10	E46	3804	07	15.0	39	2N			C	1404	388	5.9	
	ATHN	11	1345E	1345	1351	N10	E49	3804	07	15.2	6D	SB		2	V	1345	32	.5	
	BIGB	11	1347E	1403	1502	N09	E47	3804	07	15.1	75D	1B		3	P	1403	250	3.8	
	ATHN	11	1350	1355	1415D	N08	E48	3804	07	15.2	25D	1B		2	V	1355	159	2.6	
	KANZ	11	1356E		1356D	N10	E50	3804	07	15.3	25D	SN		1					
0178	RAMY	11	1344	1347	1359	S14	E68	3809	07	16.7	15	SF		3	C		59		
0179		11	14312	14425	1517	S24	E30	3806	07	13.9	46	SN					46	.7	
	RAMY	11	1431	1442	1524	S24	E29	3806	07	13.8	53	SN		3	C		37		
	WEND	11	1433	1447	1510	S24	E30	3806	07	13.9	37	SF			C	1447	56	.7	
0180		11	1513*	1520*	1558	N10	E44	3804	07	14.9	45	SN					79	1.6	F
	BIGB	11	1513	1520	1623	N09	E45	3804	07	15.0	70	SN		3	C	1520	120	1.7	
	WEND	11	1520	1523	1530	N10	E45	3804	07	15.0	10	SF			C	1523	94	1.4	
	HOLL	11	1553	1554	1601	N10	E42	3804	07	14.8	8	SN		3	C		23		F
0181		11	16021	16042	1614	N18	E48	3804	07	15.3	12	SB	C 4.2				76	1.4	
	BIGB	11	1602	1606	1623	N17	E48	3804	07	15.3	21	SB		3	C	1606	100	1.5	
	HOLL	11	1603	1604	1609	N18	E48	3804	07	15.3	6	SB	C 4.2	3	C		47		
	WEND	11	1603	1605	1609	N19	E49	3804	07	15.4	6	SN			C	1605	81	1.3	
0182		11	16203	1626	1644	S24	E28	3806	07	13.8	24	SN					32		F
	HOLL	11	1620	1626	1648	S25	E27	3806	07	13.8	28	SN		3	C		36		F
	RAMY	11	1623	1626	1640	S23	E28	3806	07	13.8	17	SN		3	C		29		
0183		11	16301	16311	1641	N10	E42	3804	07	14.8	11	1N					109	2.5	F
	HOLL	11	1630	1631	1636	N10	E43	3804	07	14.9	6	SN		3	C		38		F
	BIGB	11	1631	1632	1646	N10	E42	3804	07	14.8	15	1N		3	C	1632	180	2.5	
0184		11	1640*	1705*	1820	N16	E46	3804	07	15.2	100	1B	M 1.1				268	5.8	EF
	BIGB	11	1640	1705	1910	N17	E45	3804	07	15.1	150	1B		3	C	1705	240	3.5	
	HOLL	11	1642	1720	1720D	N18	E47	3804	07	15.3	38D	1B		3	C		212		FE
	WEND	11	1643	1708	1729	N13	E50	3804	07	15.5	46	2N			C	1708	488	8.0	E
	PALE	11	1706	1708	1710D	N14	E44	3804	07	15.0	4D	SB	M 1.1	3	C		133		
0185		11	17584	18032	1815	S24	E28	3806	07	13.9	17	SN					72	1.4	
	WEND	11	1758	1805	1817	S24	E28	3806	07	13.9	19	SF			C	1805	113	1.4	
	RAMY	11	1802	1803	1813	S23	E28	3806	07	13.9	11	SN		3	C		32		
0186		11	1815	18151	1948	N16	E45	3804	07	15.2	93	SB	C 2.7				70	1.5	
	RAMY	11	1815	1815	2102	N16	E45	3804	07	15.2	167	SB	C 2.7	3	C		40		
	BIGB	11	1815	1816	1835	N16	E45	3804	07	15.2	20	SB		3	C	1816	100	1.5	
0187	BIGB	11	1849	1858	1914D	N10	E47	3804	07	15.3	25D	SB		3	P	1858	130	2.0	
		11	1920		1928	No Flare Patrol													
0188	HOLL	11	1933	1937	1947	N13	E45	3804	07	15.2	14	SB		3	C		114		
0189		11	2003	2005	2011	N14	E46	3804	07	15.3	8	SB	C 6.4				66	1.5	
	HOLL	11	2003	2005	2011	N14	E46	3804	07	15.3	8	SB	C 6.4	3	C		31		
	BIGB	11	2003	2005	2011	N14	E46	3804	07	15.3	8	SB		3	C	2005	100	1.5	

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															Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0190		11	2305	2309*	2425	N10	E41	3804	07	15.0	80	2B				440	6.0	DFJKUW
	VORO	11	2305		2410	N12	E42	3804	07	15.1	65	3B	P	2328	941	13.0	JK	
	CULG	11	2305	2309	2440	N11	E38	3804	07	14.8	95	1B	C	2309	280	3.4	W	
	PEKG	11	2309E	2311	2322D	N10	E39	3804	07	14.9	13D	1N	P	2311	294	4.0	FK	
	PEKG	11	2309E	2322	2322D	N10	E42	3804	07	15.1	13D	2B	P	2322	547	7.4	FU	
	MITK	12	0006E		0020D	N08	E45	3804	07	15.4	14D	1N	P	0020	140	2.1	D	
0191		11	2344*	2344*	2457	N14	E41	3804	07	15.1	73	1B M 5.3				261	3.2	EFJK
	BIGB	11	2344	2344	2348	N13	E43	3804	07	15.2	4	1B	3 C	2344	240	3.4		
	HOLL	11	2344	2344	2514	N13	E42	3804	07	15.1	90	1B	3 C		317		K	
	HOLL	11	2344	2503	2514	N13	E42	3804	07	15.1	90	1B	3 C		375		FEK	
	LEAR	12	0053E	0100U	0110	N14	E42	3804	07	15.2	17D	1B M 5.3	3 C		210		E	
	CULG	12	0058	0101	0108	N16	E39	3804	07	15.0	10	1B	C	0101	230	2.9		
	VORO	12	0058	0102	0107	N15	E40	3804	07	15.1	9	1N	C	0102	358	5.0	J	
	PEKG	12	0058	0105	0105D	N14	E41	3804	07	15.1	7D	SN	P	0105	97	1.3	E	
0192	HOLL	12	0103	0123	0132D	N13	E13	3803	07	13.0	29D	SF		3 C		118		
0193	HOLL	12	0113	0115	0132D	S23	E22	3806	07	13.7	19D	SF		3 C		40		
0194		12	0223	0228	0244	S23	E22	3806	07	13.8	21	SN				64	.8	ET
	CULG	12	0223	0228	0244	S22	E24	3806	07	13.9	21	SF	C	0228	80	.9		
	YUNN	12	0244E	0244U	0248D	S24	E21	3806	07	13.7	4D	SN	P	0244	48	.6	ET	
0195	CULG	12	0246	0252	0302	S17	W30	3802	07	9.8	16	SF		C	0252	40	.5	
0196		12	0254	02551	0258	N22	E81	3812	07	18.3	4	1N				60		D
	VORO	12	0254	0255	0300D	N20	E80	3812	07	18.2	6D	1N	P	0255	90		D	
	CULG	12	0254	0256	0258	N23	E82	3812	07	18.4	4	SF	C	0256	30			
0197		12	03082	03111	0322	N19	E47	3814	07	15.7	14	1B				173	3.0	EFT
	CULG	12	0308	0311	0320	N20	E45	3814	07	15.6	12	SB	C	0311	110	1.6		
	PEKG	12	0310	0312	0318	N20	E47	3814	07	15.7	8	1N	C	0312	198	3.1	F	
	LEAR	12	0310E	0314U	0327	N19	E46	3814	07	15.6	17D	SB	3 C		110		FE	
	YUNN	12	0310	0315U	0325	N18	E49	3814	07	15.9	15	1B	P	0315	273	4.3	FT	
0198		12	0312E	0323U	0344	N13	E44	3804	07	15.4	32D	1B				182	3.6	EF
	MITK	12	0312E		0333	N15	E44	3804	07	15.5	21D	1B	P	0316	240	3.6		
	LEAR	12	0320E	0323U	0355	N11	E43	3804	07	15.4	35D	SB	3 C		125		FE	
0199		12	0315	03163	0338	N09	E36	3804	07	14.8	23	SN				95	1.2	DEFT
	PEKG	12	0315	0316	0323D	N09	E35	3804	07	14.8	8D	SN	P	0316	84	1.1	E	
	CULG	12	0315	0319	0338	N11	E35	3804	07	14.8	23	SN	C	0319	120	1.4		
	YUNN	12	0315	0325U	0325D	N09	E36	3804	07	14.8	10D	SB	P	0325	129	1.6	FT	
	YUNN	12	0337E	0337U	0340D	N08	E36	3804	07	14.8	3D	SN	P	0337	48	.6	DT	
0200	LEAR	12	0402E	0403	0410	N10	E38	3804	07	15.0	8D	SN		3 C		35		
0201		12	04524	04591	0531	N09	E34	3804	07	14.7	39	SN				99	1.1	EFJT
	CULG	12	0452	0459	0531	N09	E33	3804	07	14.7	39	SN	C	0459	100	1.2	FJ	
	YUNN	12	0456	0500	0513D	N08	E34	3804	07	14.7	17D	SN	P		80	1.0	ET	
	LEAR	12	0500E	0500U	0512D	N10	E35	3804	07	14.8	12D	SB	3 C		118		FE	
0202	YUNN	12	0539	0544	0604	N08	E35	3804	07	14.8	25	SN		C		32	.4	D
0203		12	06087	06146	0620	N09	E37	3804	07	15.0	12	2N				403	5.2	EFIT
	MITK	12	0503E	0614	0630D	N06	E38	3804	07	15.0	87D	2N	C	0614	500	6.6	E	
	YUNN	12	0608	0620	0620	N10	E36	3804	07	15.0	12	2B	C		450	5.8	FT	
	CULG	12	0615	0625U	0625E	N12	E37	3804	07	15.0	10	1F	P	0625	260	3.2	F1	
0204		12	0623	06282	0658	S24	E20	3806	07	13.8	35	SB				134	1.7	FT
	YUNN	12	0623	0628	0655	S24	E20	3806	07	13.8	32	SB	C		129	1.6	FT	
	CATA	12	0630E	0630	0700	S24	E20	3806	07	13.8	30D	S	2 P	0630	140	1.8		
0205		12	0624	0637*	0737D	S25	E08	3806	07	12.9	73D	SB				172		EFK
	LEAR	12	0624	0637	0737D	S25	E08	3806	07	12.9	73D	SB	3 C		177		FEK	
	LEAR	12	0624	0722	0737D	S25	E08	3806	07	12.9	73D	SB	3 C		166		K	

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0206	WEND	12	0646E		0705D	N11	E36	3804	07	15.0	19D	1N		C		0647	319	4.1	
0207	ABST	12	0713	0715	0740	S24	E23	3806	07	14.1	27	SN		C		0715	131	1.6	EJ
0208		12	0814Z	0815I	0831	N13	E38	3804	07	15.2	17	1N					332	4.4	BEFJTU
	ABST	12	0704E	0733U	0741D	N13	E40	3804	07	15.3	37D	2N		P		0733	524	7.1	FJ
	TACH	12	0717E		0830	N13	E37	3804	07	15.1	73D	2B		C		0730	620	8.2	TU
	ISTA	12	0725E		0810	N12	E39	3804	07	15.2	45D	2N							E
	YUNN	12	0747E	0747U	0753D	N11	E39	3804	07	15.2	6D	1B		P		0747	386	5.1	BFT
	WEND	12	0754E		0905D	N12	E35	3804	07	15.0	71D	1N		C		0820	394	5.1	
	YUNN	12	0809E	0815	0900	N14	E40	3804	07	15.4	51D	1N		P			241	3.3	BFT
	HTPR	12	0814	0816	0825	N15	E38	3804	07	15.2	11	SF		C		0816	50	.6	E
	CATA	12	0815	0815	0835	N13	E38	3804	07	15.2	20	S		2	C	0815	112	1.5	
	ISTA	12	0816		0825	N14	E38	3804	07	15.2	9	SN							E
0209		12	07478	07528	0823	S23	E19	3806	07	13.8	36	SB					115	1.4	BEFT
	HTPR	12	0742E		0830	S22	E20	3806	07	13.8	48D	SF		C		0750	50	.5	E
	YUNN	12	0747	0752	0753D	S23	E19	3806	07	13.8	6D	SB		P			113	1.4	FT
	TACH	12	0748	0755	0815	S22	E17	3806	07	13.6	27	SB		C		0755	150	1.9	F
	ISTA	12	0750		0812	S24	E19	3806	07	13.8	22	1B							E
	ATHN	12	0751	0753	0826	S24	E22	3806	07	14.0	35	SB		4	V	0753	143	1.8	
	WEND	12	0754E		0824D	S22	E20	3806	07	13.9	30D	SN		C		0754	106	1.3	
	CATA	12	0755	0800	0835	S25	E17	3806	07	13.6	40	1		2	C	0800	197	2.4	
	YUNN	12	0809E	0809U	0820	S24	E20	3806	07	13.9	11D	SB		P		0809	48	.6	BT
0210		12	0900*	0918*	1215	N11	E36	3804	07	15.1	195	3B					1207	15.4	BEFIKTUW
	HTPR	12	0900		0937D	N11	E35	3804	07	15.0	37D	2B		C		0937	900	11.0	EIKT
	CATA	12	0905	0940	1145D	N13	E38	3804	07	15.2	160D	3		2	P	0940	1124	14.8	EFITW
	YUNN	12	0908	0935	0937D	N12	E40	3804	07	15.4	29D	3B					1125	15.1	FUT
	MONT	12	0909	0939	1020D	N11	E33	3804	07	14.9	71D	3B		C		0939	1300		
	ISTA	12	0910		1215	N12	E39	3804	07	15.3	185	3B							F
	ATHN	12	0916	0918	1000D	N11	E37	3804	07	15.2	44D	2B		4	V	0918	700	9.1	
	TACH	12	0937E		1050D	N13	E36	3804	07	15.1	73D	3N		C		1000	1238	16.4	TU
	YUNN	12	1018E	1020U	1020D	N10	E36	3804	07	15.1	2D	3B		P		1020	1527	19.5	BFT
	WEND	12	1022E	1054	1235D	N12	E37	3804	07	15.2	133D	3B		C		1054	1450	19.0	
	HTPR	12	1034E		1120D	N11	E35	3804	07	15.1	46D	3B		C		1100	1500	18.0	EIKT
0211		12	0910	0910	0914	N10	E06	3803	07	12.8	4	SF					112	1.2	E
	ISTA	12	0910		0913	N10	E06	3803	07	12.8	3	SF							E
	CATA	12	0910	0910	0915	N11	E05	3803	07	12.7	5	S		2	C	0910	112	1.2	
0212		12	1125E	1226U	1431	N10	E32	3804	07	14.9	186D	3B					1033	16.0	EFIKT
	RAMY	12	1125E	1226U	1347	N10	E30	3804	07	14.7	142D	2B		3	C		766		FE
	HTPR	12	1134E		1515	N11	E35	3804	07	15.1	221D	3B		C		1134	1300	16.0	EIKT
0213	HOLL	12	1300E	1300U	1328	N13	E42	3804	07	15.7	28D	1N		3	C		215		FK
0214		12	1440I	1441I	1453	S23	E14	3806	07	13.7	13	SF					22		EF
	HOLL	12	1440	1441	1451	S23	E14	3806	07	13.7	11	SF		3	C		21		
	RAMY	12	1441	1443	1455	S23	E15	3806	07	13.8	14	SF		3	C		24		FE
0215		12	1548Z	1549Z	1608	N15	W44	3808	07	9.3	20	SN					26		
	HOLL	12	1548	1549	1609	N16	W44	3808	07	9.3	21	SF		3	C		27		
	RAMY	12	1550	1551	1607	N14	W44	3808	07	9.3	17	SN		3	C		24		
0216		12	1550	1551	1558	N12	E33	3804	07	15.1	8	SN					52	1.0	F
	HOLL	12	1550	1551	1556	N12	E33	3804	07	15.1	6	SN		3	C		25		F
	BIGB	12	1550	1551	1559	N12	E33	3804	07	15.1	9	SN		3	C	1551	80	1.0	
0217	HOLL	12	1605	1605	1612	S25	E14	3806	07	13.7	7	SF		3	C		23		
0218		12	1629I	1630I	1650	N11	E33	3804	07	15.2	21	SB	M 1.6				81	1.3	F
	HOLL	12	1629	1630	1645	N14	E34	3804	07	15.2	16	SB		3	C		68		F
	RAMY	12	1630	1631	1653	N10	E33	3804	07	15.2	23	SB	M 1.6	3	C		65		F
	BIGB	12	1630	1631	1653	N10	E33	3804	07	15.2	23	SB		3	C	1631	110	1.3	
0219		12	1710	1716*	1757	S24	E14	3806	07	13.8	47	SN					36		FK
	HOLL	12	1710	1716	1757	S24	E14	3806	07	13.8	47	SN		3	C		35		FK
	HOLL	12	1710	1742	1757	S24	E14	3806	07	13.8	47	SF		3	C		38		K

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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	Region								Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0220	HOLL	12	1803	1803	1812	S25	E13	3806	07	13.7	9	SF		3	C		20		
0221		12	18092	18092	1831	N13	E35	3804	07	15.4	22	SN M 1.2					54	1.1	F
	HOLL	12	1809	1809	1822	N10	E33	3804	07	15.2	13	SN		3	C		22		F
	BIGB	12	1810	1811	1838	N14	E36	3804	07	15.5	28	SN		3	C	1811	90	1.1	
	RAMY	12	1811	1811	1832	N14	E36	3804	07	15.5	21	SN M 1.2		3	C		51		F
0222		12	19061	1908	1916	N20	E38	3814	07	15.7	10	SB M 1.9					104	1.3	F
	BIGB	12	1906	1908	1916	N20	E38	3814	07	15.7	10	SB		3	C	1908	100	1.3	
	HOLL	12	1907	1908	1916	N20	E38	3814	07	15.7	9	SB M 1.9		3	C		108		F
0223	RAMY	12	1912	1912	1920D	N15	E32	3804	07	15.2	8D	SN		3	C		132		
0224	HOLL	12	1914	1914	1925	N13	E02	3803	07	12.9	11	SF		3	C		30		
0225		12	1951*	20135	2037	S09	E43	3807	07	16.0	46	SN					26		
	HOLL	12	1951	2013	2030	S10	E43	3807	07	16.0	39	SF		3	C		32		
	PALE	12	2003	2018	2044	S08	E43	3807	07	16.0	41	SN		3	C		20		
0226		12	2006*	2106	2139	N13	E01	3803	07	12.9	93	SB					147	1.3	F
	BIGB	12	2006	2106	2109	N13	E01	3803	07	12.9	63	SB		3	C	2106	130	1.3	
	PALE	12	2006	2106	2127D	N13	E01	3803	07	12.9	81D	SB		3	C		181		
	HOLL	12	2025	2106	2209	N13	E02	3803	07	13.0	104	SN		3	C		129		F
0227	HOLL	12	2007	2007	2015	N18	E33	3804	07	15.3	8	SN		3	C		19		
0228		12	20231	2030	2058	S24	E11	3806	07	13.7	35	SB					91	.9	EF
	HOLL	12	2023	2030	2100	S24	E11	3806	07	13.7	37	SB		3	C		100		F
	BIGB	12	2023	2030	2101	S24	E11	3806	07	13.7	38	SB		3	C	2030	90	.9	
	PALE	12	2024	2030	2053	S24	E11	3806	07	13.7	29	SB		3	C		84		FE
0229		12	20351	2042*	2131	N10	E30	3804	07	15.1	56	2B					431	6.2	EFKU
	HOLL	12	2035	2042	2154	N10	E31	3804	07	15.2	79	1B		3	C		241		UEK
	BIGB	12	2035	2054	2058	N10	E31	3804	07	15.2	23	2B		3	C	2054	520	6.2	
	HOLL	12	2035	2054	2154	N10	E31	3804	07	15.2	79	2B		3	C		570		K
	PALE	12	2036	2054	2119	N10	E29	3804	07	15.0	43	1B		3	C		393		FE
0230		12	2041*	2045*	2103	N16	W49	3808	07	9.1	22	SF					39		F
	HOLL	12	2041	2045	2052	N17	W49	3808	07	9.1	11	SN		3	C		58		F
	HOLL	12	2056	2056	2104	N15	W51	3808	07	9.0	8	SF		3	C		29		
	PALE	12	2057	2058	2112	N15	W48	3808	07	9.2	15	SF		3	C		29		
0231	HOLL	12	2132	2135	2153	S23	E13	3806	07	13.9	21	SN		3	C		81		F
0232		12	22373	22411	2244	N18	W51	3808	07	9.0	7	SF					52	1.4	DH
	VORO	12	2237	2241	2244	N17	W52	3808	07	9.0	7	SF			C	2241	81	1.4	D
	HOLL	12	2240	2242	2244	N18	W50	3808	07	9.1	4	SF		3	C		23		H
0233		12	2313*	2346	2405	N10	E28	3804	07	15.1	52	SB					79	.9	EF
	HOLL	12	2313	2346	2411	N09	E27	3804	07	15.0	58	SN		3	C		101		F
	BIGB	12	2340	2346	2350	N11	E28	3804	07	15.1	10	SB		3	C	2346	80	.9	
	PALE	12	2340	2346	2410	N11	E28	3804	07	15.1	30	SB		3	C		75		FE
	LEAR	12	2347E	2347U	2410	N11	E28	3804	07	15.1	23D	SB		2	C		60		FE
0234	HOLL	13	0015	0015	0028	N13	W01	3803	07	12.9	13	SF		3	C		23		
0235	HOLL	13	0025	0028	0051	S26	E09	3806	07	13.7	26	SF		3	C		32		
0236		13	0027	00324	0048	N10	E25	3804	07	14.9	21	SN					60		F
	PALE	13	0027	0032	0039	N10	E24	3804	07	14.8	12	SN		3	C		46		F
	HOLL	13	0027	0036	0057	N09	E26	3804	07	15.0	30	SN		3	C		75		F
0237		13	0028*	00571	0109	N19	E72	3812	07	18.5	41	SN					63		DJ
	HOLL	13	0028	0057	0108	N19	E70	3812	07	18.4	40	SN		3	C		50		
	BIGB	13	0028	0057	0108	N19	E70	3812	07	18.4	40	SN		3	C	0057	80		
	PALE	13	0043	0058	0115	N21	E70	3812	07	18.4	32	SN		3	C		82		
	VORO	13	0053E		0054D	N18	E71	3812	07	18.4	1D	SN			P	0053	72		D
	CULG	13	0054	0057	0114	N21	E70	3812	07	18.4	20	SF			C	0057	60		J
	YUNN	13	0058E	0058U	0103	N18	E78	3812	07	19.0	5D	SN			P	0058	32		D

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Ser	Obs Type	Time (UT)	Area Measurement		Remarks
						Lat	CMD	Region									Apparent (10-6 Disk)	Corr (Sq Deg)	
0238		13	02133	02158	0233	S25	E09	3806	07	13.8	20	SF					50	.8	FJ
	LEAR	13	0213	0215	0227	S24	E10	3806	07	13.9	14	SN		3	C	0223	30		F
	CULG	13	0215	0223	0236	S26	E09	3806	07	13.8	21	SF		C	70		.8	J	
	PALE	13	0216	0220	0236	S25	E09	3806	07	13.8	20	SF		3	C		50		
0239		13	0217*	0220*	0244	N09	E23	3804	07	14.8	27	SN	C 6.7			0220	57	.7	DFJ
	CULG	13	0217	0220	0224	N10	E23	3804	07	14.8	7	SN		C	60		.7	J	
	PALE	13	0218	0222	0226	N10	E25	3804	07	15.0	8	SN		3	C		54		
	LEAR	13	0219	0221	0230	N09	E23	3804	07	14.8	11	SN	C 6.7	3	C	50		F	
	PEKG	13	0230	0244	0335	N07	E22	3804	07	14.7	65	SN		C	0244	63	.7	D	
0240		13	02178	02196	0230	S11	E45	3809	07	16.5	13	SF				0219	57	1.6	F
	CULG	13	0217	0219	0229	S10	E45	3809	07	16.5	12	SF		C	110		1.6	F	
	LEAR	13	0222	0225	0231	S12	E45	3809	07	16.5	9	SF		3	C		35		F
	PALE	13	0225	0225	0231	S10	E45	3809	07	16.5	6	SF		3	C	27			
0241		13	02255	02306	0253	N24	E42	3814	07	16.3	28	SN				0230	87	1.2	DEFGJK
	PEKG	13	0225	0230	0250	N23	E43	3814	07	16.4	25	SN		C	67		1.0	EK	
	PEKG	13	0225	0235	0250	N25	E43	3814	07	16.4	25	SN		C	0235		84	1.2	E
	VORO	13	0227	0231	0252D	N25	E43	3814	07	16.4	25D	SN		P	0231	99	1.5	DJ	
	LEAR	13	0228	0231	0242	N21	E37	3814	07	15.9	14	SN		3	C	138		F	
	CULG	13	0228	0236	0309	N26	E42	3814	07	16.4	41	SN		C	0236	100	1.4	F	
	PALE	13	0230	0233	0258	N25	E42	3814	07	16.3	28	SN		3	C	55		F	
	YUNN	13	0230E	0235	0250	N23	E43	3814	07	16.4	20D	SN		P	64	.9	DG		
0242	CULG	13	0232	0234	0237	N21	E68	3812	07	18.3	5	SF		C	0234	20		J	
0243	PALE	13	0247	0252	0302	N13	W02	3803	07	13.0	15	SF		3	C		31		
0244	PEKG	13	0251	0300	0300D	N09	E23	3804	07	14.8	9D	SN		C	0300	118	1.3	F	
0245		13	0453*	0455*	0536	N09	E22	3804	07	14.8	43	SN				0455	72	.8	F
	PURP	13	0453	0455	0549	N08	E22	3804	07	14.8	56	SN		C	57		.6		
	ABST	13	0508	0509	0523	N10	E23	3804	07	14.9	15	SF		C	0509		87	1.0	F
0246		13	05275	0533	0546	S24	E09	3806	07	13.9	19	SN	C 5.7			0533	84	1.3	EFV
	PURP	13	0527	0533	0549	S24	E09	3806	07	13.9	22	SN		P	92		1.1		
	LEAR	13	0532	0533	0542	S24	E09	3806	07	13.9	10	SN	C 5.7	3	C		30		F
	ABST	13	0532	0533	0546	S23	E09	3806	07	13.9	14	SN		C	0533	131	1.5	EV	
0247		13	0548	0552I	0609	N08	E23	3804	07	15.0	21	SN				0552	120	1.3	ET
	ABST	13	0548	0552	0600	N08	E23	3804	07	15.0	12	SN		C	175		1.9	E	
	YUNN	13	0550E	0553	0618	N09	E23	3804	07	15.0	28D	SF		P	64		.7	ET	
0248		13	0550*	0630*	0716	S24	E07	3806	07	13.8	86	SN	M 1.4			0645	165	1.9	EFK
	ABST	13	0550	0645	0655	S25	E07	3806	07	13.8	65	1N		C	218		2.4	FK	
	YUNN	13	0618	0632	0658	S24	E06	3806	07	13.7	40	SB		C	96		1.1	F	
	PEKG	13	0620	0630	0655	S25	E07	3806	07	13.8	35	1N		C	0630	210	2.5	F	
	WEND	13	0623	0633	0648	S24	E08	3806	07	13.9	25	SN		C	0633	144	1.6		
	LEAR	13	0624	0637	0820	S25	E08	3806	07	13.9	116	SB		3	C	177		FEK	
	LEAR	13	0624	0722	0820	S25	E08	3806	07	13.9	116	SB		3	C	166		K	
	ISTA	13	0627		0653	S24	E08	3806	07	13.9	26	1B						E	
	MANI	13	0627E	0638U	0652D	S24	E08	3806	07	13.9	25D	SN	M 1.4	1	V	150	1.8	FE	
	CATA	13	0630E	0635	0650D	S25	E07	3806	07	13.8	20D	1		2	P	0635	169	2.0	
	ATHN	13	0632	0634	0657	S24	E06	3806	07	13.7	25	SN		4	V	0634	159	1.9	
0249		13	0616*	0634*	0654	N09	E23	3804	07	15.0	38	SN				0634	126	1.6	EFT
	ABST	13	0616	0634	0655	N09	E23	3804	07	15.0	39	1N		C	218		2.6	F	
	PEKG	13	0637	0646	0654	N09	E23	3804	07	15.0	17	SN		C	0646		147	1.6	F
	ISTA	13	0645		0650	N10	E24	3804	07	15.1	5	SN						E	
	YUNN	13	0646E	0646U	0658D	N09	E23	3804	07	15.0	12D	SN		P	0646	64	.7	ET	
	LEAR	13	0646	0646	0659	N09	E22	3804	07	14.9	13	SN		3	C	60		F	
	CATA	13	0650	0650	0650D	N08	E23	3804	07	15.0	13D	S		2	P	0650	140	1.6	
0250	PEKG	13	0647	0650	0655	N21	E32	3814	07	15.7	8	SF		C	0650	126	1.6	D	
0251		13	06474	06506	0710	S11	E42	3809	07	16.4	23	SN				0650	133	1.8	EF
	ABST	13	0647	0650	0655D	S08	E42	3809	07	16.4	8D	1N		P	175		2.5	F	
	MANI	13	0648	0654	0711	S10	E39	3809	07	16.2	23	SN		1	V		110	1.5	FE
	LEAR	13	0648	0656	0728	S10	E40	3809	07	16.3	40	SB		3	C	168		FE	
	ISTA	13	0649		0700	S12	E42	3809	07	16.4	11	1B						E	
	PEKG	13	0649	0650	0700	S11	E42	3809	07	16.4	11	SF		C	0650	147	2.1	E	
	CATA	13	0650	0650	0650D	S12	E42	3809	07	16.4	11D	S		2	P	0650	112	1.6	
	ATHN	13	0650	0652	0713	S12	E43	3809	07	16.5	23	1N		4	V	0652	143	2.1	
	YUNN	13	0651	0655	0658D	S11	E42	3809	07	16.4	7D	SN		P	80	1.2	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		Remarks
																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0252		13	0705*	0720*	0817	S26	E07	3806	07	13.8	72	SN					115	1.4	ET
	CATA	13	0705	0720	0840	S27	E05	3806	07	13.7	95	S		2	C	0720	68	.8	T
	ATHN	13	0721	0729	0843	S24	E06	3806	07	13.8	82	SB		4	V	0729	159	1.9	
	KANZ	13	0722E	0729	0729D	S26	E08	3806	07	13.9	7D	SN		2					
	ISTA	13	0725		0743	S25	E08	3806	07	13.9	18	1N							E
	YUNN	13	0725E	0730	0744D	S26	E06	3806	07	13.8	19D	SN			P		80	1.0	E
	HTPR	13	0727E		0820	S26	E07	3806	07	13.8	53D	SF			C	0733	40	.5	E
	TACH	13	0734E		0802	S26	E07	3806	07	13.8	28D	1B			C	0734	230	2.8	E
0253		13	08231	08251	0839	S24	E06	3806	07	13.8	16	SN	C 6.6				147	2.0	EF
	LEAR	13	0823	0825	0844	S23	E05	3806	07	13.7	21	SB	C 6.6	3	C		106		FE
	TACH	13	0824	0826	0834	S25	E07	3806	07	13.9	10	1F			C	0826	230	2.8	E
	MANI	13	0825E	0825	0840D	S23	E06	3806	07	13.8	15D	SN		1	V		105	1.2	FE
0254		13	08331	0835	0840	N20	E64	3812	07	18.2	7	SN					30	.9	H
	HTPR	13	0833	0835	0841	N22	E66	3812	07	18.4	8	SF			C	0835	40	.9	
	LEAR	13	0834	0835	0840	N19	E62	3812	07	18.1	6	SN		3	C		19		H
0255		13	0909*	0913*	0930	N19	E65	3812	07	18.3	21	SN					82	1.6	D
	HTPR	13	0909	0923	0927	N22	E66	3812	07	18.4	18	SF			C	0923	60	1.3	
	LEAR	13	0911	0913	0918D	N19	E62	3812	07	18.1	7D	SN		3	C		30		
	TACH	13	0911	0914	0928	N21	E68	3812	07	18.6	17	1N			C	0914	194		D
	ATHN	13	0919	0921	0934	N16	E65	3812	07	18.3	15	SB		4	V	0921	80	2.0	
	YUNN	13	0920E	0920U	0932	N18	E66	3812	07	18.4	12D	SN			P	0920	48		D
0256	TACH	13	0916	0918	0927	N16	E23	3804	07	15.1	11	SB			C	0918	44	.5	D
0257	HTPR	13	0939	0948	1016	N23	E65	3812	07	18.4	37	1N			C	0948	100	2.2	E
0258		13	09437	09492	1020	N11	E23	3804	07	15.1	37	1N					166	2.0	EFT
	TACH	13	0943	0949	1027	N15	E24	3804	07	15.2	44	1B			C	0949	194	2.2	E
	HTPR	13	0944	0951	1006	N10	E20	3804	07	14.9	22	1N			C	0951	280	2.8	E
	MONT	13	0947	0949	0956D	N09	E21	3804	07	15.0	9D	SF			C	0949	60		
	ATHN	13	0949	0951	1042	N13	E25	3804	07	15.3	53	1B		4	V	0951	239	2.7	
	CATA	13	0950	0950	1005	N09	E22	3804	07	15.1	15	S		2	C	0950	140	1.6	
	YUNN	13	0955E	0957U	0957D	N10	E24	3804	07	15.2	2D	SN			P	0957	80	.9	FT
0259		13	09555	10032	1018	N18	E26	3804	07	15.4	23	SN					110	1.4	DE
	HTPR	13	0955	1003	1021	N18	E26	3804	07	15.4	26	SN			C	1003	60	.7	E
	MONT	13	1000	1003	1012	N18	E26	3804	07	15.4	12	SF			C	1003	100		D
	CATA	13	1000	1005	1020	N18	E26	3804	07	15.4	20	S		2	C	1005	169	2.0	
0260		13	0945*	1001	1050	N19	E68	3812	07	18.6	65	1N					244	2.0	E
	TACH	13	0945	1001	1028	N22	E71	3812	07	18.9	43	2F			C	1001	407		E
	ATHN	13	0959	1001	1112	N16	E65	3812	07	18.3	73	SB		4	V	1001	80	2.0	
0261	HTPR	13	1036	1045	1125	S24	E03	3806	07	13.7	49	SN			C	1045	50	.5	
0262	HTPR	13	1044	1052	1120	N23	E63	3812	07	18.3	36	SF			C	1052	60	1.3	E
0263		13	11046	11073	1119	S05	E30	3807	07	15.7	15	SN					50	.6	E
	HTPR	13	1104	1107	1114	S04	E28	3807	07	15.5	10	SN			C	1107	60	.7	E
	ATHN	13	1105	1107	1124	S07	E32	3807	07	15.8	19	SB		4	V	1107	48	.6	
	WEND	13	1108	1110	1112D	S05	E32	3807	07	15.8	4D	SF			C	1110	38	.5	
	CATA	13	1110	1110	1110D	S05	E29	3807	07	15.6	4D	S		2	P	1110	56	.7	
0264		13	1113	11151	1141	S24	E07	3806	07	14.0	28	SN					110	1.2	E
	ATHN	13	1113	1115	1146	S24	E06	3806	07	13.9	33	1B		4	V	1115	175	2.1	
	HTPR	13	1113	1116	1141	S25	E07	3806	07	14.0	28	SN			C	1116	100	1.0	E
	WEND	13	1118E		1137	S24	E09	3806	07	14.2	19D	SN			C	1118	56	.6	
0265		13	12433	1248	1329	S24	E06	3806	07	14.0	46	SB					106	1.2	EI
	HTPR	13	1243		1304D	S25	E06	3806	07	14.0	21D	SN			C	1255	70	.7	EI
	ATHN	13	1246	1248	1329	S24	E06	3806	07	14.0	43	SB		3	V	1248	143	1.7	
0266	HTPR	13	1336		1356D	N24	E62	3812	07	18.3	20D	SF			C	1337	80	1.6	
0267	HTPR	13	1346		1356D	S04	E28	3807	07	15.7	10D	SN			C	1347	40	.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	Obs See	Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0268	13	13555	14058	1454	N11	E17	3804	07	14.8	59	1N						246	2.6	BEFIJ
	LVOV	13	1355	1405	1505	N11	E17	3804	07	14.8	70	2N			C	1405	500	5.5	FJ
	WEND	13	1400	1413	1452	N10	E18	3804	07	14.9	52	1N			C	1413	289	3.2	
	HTPR	13	1403E		1406D	N11	E18	3804	07	14.9	3D	1N			C	1406	300	3.0	EI
	HTPR	13	1419E		1445	N11	E19	3804	07	15.0	26D	^N			C	1420	80	.8	BE
	HTPR	13	1419E		1452	N11	E14	3804	07	14.6	33D	SN			C	1420	60	.6	B
0269	13	1402	1415*	1516	S25	E06	3806	07	14.0	74	1N						329	3.8	EIJK
	LVOV	13	1402	1415	1505	S25	E07	3806	07	14.1	63	1N			C	1415	300	3.6	EJ
	WEND	13	1410E	1427	1518	S24	E04	3806	07	13.9	68D	1N			C	1427	238	2.7	
	HTPR	13	1419E		1525	S25	E06	3806	07	14.1	66D	1B			C	1440	450	5.0	EIK
0270	WEND	13	1411	1413	1417	N20	E64	3812	07	18.5	6	SF			C	1413	44		
0271	13	16251	16263	1646	S24	E02	3806	07	13.8	21	SN						122	1.4	E
	WEND	13	1625	1629	1646	S24	E01	3806	07	13.8	21	SN			C	1629	175	2.0	
	HTPR	13	1626	1626	1645D	S25	E04	3806	07	14.0	19D	SF			C	1626	70	.7	E
0272	RAMY	13	1730E	1744	1748	N14	E58	3810	07	18.1	18D	SF		3	C		132		F
0273	RAMY	13	1822	1823	1847	S25	E02	3806	07	13.9	25	SN		3	C		89		
0274	RAMY	13	1846	1848	1850	N10	E17	3804	07	15.0	4	SN		3	C		21		
0275	13	2006	2038	2108	N19	E61	3812	07	18.5	62	SN	C 9.6					70	1.5	
	BIGB	13	2006	2038	2108	N19	E61	3812	07	18.5	62	SN		3	C	2038	70	1.5	
	HOLL	13	2006	2038	2108	N19	E61	3812	07	18.5	62	SN	C 9.6	3	C		70		
0276	HOLL	13	2013	2018	2021	N10	E71	3810	07	19.2	8	SF		2	C				
0277	HOLL	13	2048	2051U	2059	S24	W01	3806	07	13.8	11	SF		3	C		30		
0278	13	2149	2153	2250	S23	E02	3806	07	14.1	61	1B	M 1.1					256	2.3	FZ
	HOLL	13	2149E	2152U	2249	S23	E02	3806	07	14.1	60D	1B	M 1.1	3	C		291		ZF
	BIGB	13	2149	2153	2252	S23	E02	3806	07	14.1	63	1B		3	C	2153	220	2.3	
0279	HOLL	13	2236	2237	2242	N12	W14	3803	07	12.9	6	SF		3	C		37		
0280	HOLL	13	2325	2325	2331	S24	E01	3806	07	14.0	6	SF		3	C		34		
0281	HOLL	14	0003	0004	0034D	S24	W01	3806	07	13.9	31D	SN		3	C		110		F
0282	14	00057	0012	0030	N10	E14	3804	07	15.0	25	SB	C 7.8					96	1.0	EF
	BIGB	14	0005	0012	0034	N10	E14	3804	07	15.0	29	SB		3	C	0034	100	1.0	
	HOLL	14	0005E	0012	0034	N10	E14	3804	07	15.0	29D	SB	C 7.8	3	C		121		FE
	CULG	14	0011	0011U	0026	N11	E14	3804	07	15.1	15	SN			P	0011	110	1.1	F
	LEAR	14	0012	0012	0028	N10	E14	3804	07	15.1	16	SN		3	C		54		F
0283	LEAR	14	0115	0117	0129	S24	W02	3806	07	13.9	14	SF		3	C		29		
0284	LEAR	14	0120	0122	0140	N11	E51	3810	07	17.9	20	SF		3	C		29		F
0285	LEAR	14	0122	0124	0133	N10	E13	3804	07	15.0	11	SN		3	C		32		
0286	VORO	14	0135	0137	0213	N12	E12	3804	07	15.0	38	SF			C	0137	134	1.4	JK
0287	14	0330*	0350*	0427	S24	W03	3806	07	13.9	57	SN						84	1.5	FK
	LEAR	14	0330	0350	0427	S24	W02	3806	07	14.0	57	SN		3	C		105		FK
	LEAR	14	0330	0418	0427	S24	W02	3806	07	14.0	57	SN		3	C		17		K
	ABST	14	0419	0420U	0430D	S24	W05	3806	07	13.8	11D	SF			P	0420	131	1.5	F
0288	14	0340	0342	0400	N19	E18	3804	07	15.5	20	SN	C 5.4					54	1.0	DF
	LEAR	14	0340	0342	0356	N18	E18	3804	07	15.5	16	SN	C 5.4	3	C		21		F
	ABST	14	0359E	0400U	0405	N20	E17	3804	07	15.5	6D	SF			P	0400	87	1.0	D
0289	ABST	14	0436	0439	0444	N15	E12	3804	07	15.1	8	SF			C	0439	70	.7	D
0290	ABST	14	0439	0439	0450	N19	E21	3814	07	15.8	11	SF			C	0439	87	1.0	E

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						Region	Lat	CMD									Apparent (10-6 Disk)	Corr (Sq Deg)		
0291	YUNN	14	0515E	0515U	0520	S09	E21	3807	07	15.8	50	SN			P	0515	32	.4	D	
0292		14	0536I	0538	0546	N14	E13	3804	07	15.2	10	SN					56	.9	D	
	ABST	14	0536	0538	0547	N14	E13	3804	07	15.2	11	SN		C	0538	87	.9	D		
	LEAR	14	0537	0538	0545	N14	E13	3804	07	15.2	8	SN	3	C		24				
0293	LEAR	14	0541	0541	0626	N14	W68	3808	07	9.1	45	SF		3	C		11			
0294	LEAR	14	0609	0613	0625	S10	E26	3809	07	16.2	16	SF		3	C		49		F	
0295	ABST	14	0632	0635	0644D	N18	E13	3804	07	15.3	12D	SN			P	0635	87	.9	D	
0296		14	06328	06367	0707	N21	E58	3812	07	18.7	35	SN	C 8.8				67	1.2	EF	
	LEAR	14	0632	0636	0714	N20	E57	3812	07	18.6	42	SN	C 8.8	3	C		91		F	
	WEND	14	0635	0643	0700	N21	E59	3812	07	18.8	25	SF			C	0643	28	.6		
	ABST	14	0640	0643	0657D	N22	E60	3812	07	18.9	17D	SN			P	0643	87	1.9	F	
	PEKG	14	0658E	0658E	0706	N20	E56	3812	07	18.6	8D	SF			P	0658	63	1.2	E	
0297		14	06428	0646*	0708	S24	W03	3806	07	14.0	26	SN					64	.7	EF	
	LEAR	14	0642	0646	0716	S24	W03	3806	07	14.0	34	SN		3	C		65		F	
	WEND	14	0643	0648	0700	S25	W01	3806	07	14.2	17	SF			C	0648	66	.7		
	YUNN	14	0650	0655	0705	S24	W05	3806	07	13.9	15	SN			C		48	.6	E	
	PEKG	14	0659E	0700	0710	S25	W04	3806	07	14.0	11D	SF			P	0700	76	.9	E	
0298	LEAR	14	0650	0651	0655	S09	E21	3807	07	15.9	5	SF		3	C		26		F	
0299	PEKG	14	0745	0750	0803	N11	E03	3804	07	14.5	18	SF			C	0750	67	.7	E	
0300		14	0802*	0806*	0821	N12	E10	3804	07	15.1	19	SN					34	.3	DEFT	
	YUNN	14	0802	0806	0818	N15	E14	3804	07	15.4	16	SN			C		32	.3	DT	
	LEAR	14	0818	0818	0824	N09	E08	3804	07	14.9	6	SN		3	C		35		F	
	KHAR	14	0820E		0828D	N11	E08	3804	07	14.9	8D	SF			V	0820			E	
0301	LEAR	14	0837	0838	0843	N09	E07	3804	07	14.9	6	SN		3	C		37		F	
0302		14	08541	08571	0902	N11	E08	3804	07	15.0	8	SF					58	.7	DT	
	YUNN	14	0854	0858	0902	N10	E07	3804	07	14.9	8	SN			C		64	.7	DT	
	KHAR	14	0855E		0859D	N12	E08	3804	07	15.0	4D	SF			V	0857			D	
	LEAR	14	0855	0857	0901	N10	E08	3804	07	15.0	6	SF		3	C		53			
0303		14	0952	0955	1005	N18	E22	3814	07	16.1	13	1N					272	3.0	ELT	
	KHAR	14	0942E		1015D	N21	E22	3814	07	16.1	33D	2F			P	0949	480	5.4	EL	
	YUNN	14	0952	0955	1005	N16	E21	3814	07	16.0	13	SN			C		64	.7	T	
0304	KHAR	14	1003E		1008D	N22	E53	3812	07	18.5	5D	1F			V	1003				
0305		14	1010	1013*	1028	N10	E08	3804	07	15.0	18	SN					112	1.2	ELTY	
	ATHN	14	1010	1013	1020	N11	E12	3804	07	15.3	10	SB		4	V	1013	127	1.4		
	YUNN	14	1010	1016	1035	N10	E08	3804	07	15.0	25	SN			C		80	.8	ET	
	KHAR	14	1015E		1035D	N11	E05	3804	07	14.8	20D	SF			V	1020	160	1.7	ELY	
	WEND	14	1024E	1026	1030D	N10	E08	3804	07	15.0	6D	SN			C	1026	81	.9	E	
0306		14	10303	10355	1109	N18	E54	3815A	07	18.5	39	1B					182	3.2	EF	
	YUNN	14	1030	1037	1103	N19	E55	3815A	07	18.6	33	1B			C		129	2.3	F	
	CATA	14	1030	1040	1115	N16	E53	3815A	07	18.4	45	1		2	C	1040	281	4.8		
	ATHN	14	1033	1035	1105	N18	E51	3815A	07	18.3	32	1B		4	V	1035	191	3.3		
	KHAR	14	1035E		1102D	N22	E54	3815A	07	18.6	27D	SN			C	1038			E	
	WEND	14	1052E		1112	N18	E57	3815A	07	18.8	20D	1N			C	1055	125	2.5		
0307		14	1045	10455	1056	N15	E10	3804	07	15.2	11	SN					44	.4	DLT	
	KHAR	14	1043E		1054D	N18	E11	3804	07	15.3	11D	SN			V	1044			DL	
	CATA	14	1045	1045	1055	N14	E10	3804	07	15.2	10	S		2	C	1045	56	.6		
	YUNN	14	1045	1050	1057	N14	E10	3804	07	15.2	12	SN			C		32	.3	DT	
0308		14	12321	12388	1258	N10	E10	3804	07	15.3	26	SN					104	1.1		
	WEND	14	1232	1246	1256	N10	E07	3804	07	15.0	24	SN			C	1246	112	1.2		
	ATHN	14	1233	1238	1300	N11	E12	3804	07	15.4	27	SN		4	V	1238	95	1.0		

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0309		14	1254	1258	1309	N10	E47	3810	07	18.1	15	SN					70	1.3	F
	WEND	14	1254	1258	1307	N10	E48	3810	07	18.1	13	SN			C	1258	84	1.3	
	HOLL	14	1300E	1301U	1311	N10	E46	3810	07	18.0	110	SF		3	C		56		F
0310	ATHN	14	1258	1303	1311	S12	E29	3809	07	16.7	13	SN		4	V	1303	80	1.0	
0311	HOLL	14	1301E	1302U	1311	N11	E06	3804	07	15.0	100	SF		3	C		40		F
0312		14	1313E	1333	1759	N21	E21	3814	07	16.2	286D	2N	M 1.3				562	7.5	IKSUZ
	HOLL	14	1313E	1333	1759	N21	E21	3814	07	16.2	286D	SN		3	C		155		K
	HOLL	14	1313E	1511U	1759	N21	E21	3814	07	16.2	286D	2B	M 1.3	3	C		892		ZUK
	WEND	14	1534E		1738D	N21	E21	3814	07	16.2	124D	2N			C	1534	640	7.5	IS
0313		14	1317*	1325*	1657	N13	E12	3804	07	15.4	220	SB					212	1.4	K
	WEND	14	1317	1326	1345D	N10	E07	3804	07	15.1	280	SN			C	1326	120	1.3	
	ATHN	14	1322	1325	1349	N11	E12	3804	07	15.4	27	SB		4	V	1325	127	1.4	
	RAMY	14	1335	1516	1831	N16	E15	3804	07	15.7	296	1B		3	C		437		K
	RAMY	14	1335	1724	1831	N16	E15	3804	07	15.7	296	SB		3	C		164		K
0314	HOLL	14	1329	1329	1341	N10	W25	3803	07	12.7	12	SF		3	C		43		
0315	HOLL	14	1333	1347	1355	S11	E27	3809	07	16.6	22	SF		3	C		26		
0316	HOLL	14	1406	1406	1412	S12	E26	3809	07	16.5	6	SN		3	C		23		
0317	HOLL	14	1418	1421	1425	S09	E16	3807	07	15.8	7	SF		3	C		63		
0318		14	1418*	14293	1545	S24	W08	3806	07	14.0	87	SB					99	.6	FZ
	BIGB	14	1418	1429	1545	S23	W09	3806	07	13.9	87	SB		3	C	1429	90	.9	
	HOLL	14	1418	1429	1545	S23	W09	3806	07	13.9	87	SB		3	C		168		ZF
	WEND	14	1428	1432	1437D	S25	W06	3806	07	14.1	9D	SN			C	1432	38	.4	
0319	HOLL	14	1433	1441	1448D	N16	W73	3808	07	9.1	15D	SF		3	C				
0320		14	1545	1545*	1600	N19	E50	3812	07	18.5	15	SN					34		K
	HOLL	14	1545	1545	1600	N19	E50	3812	07	18.5	15	SN		3	C		45		K
	HOLL	14	1545	1555	1600	N19	E50	3812	07	18.5	15	SF		3	C		24		K
0321		14	17255	17389	1814	N19	E49	3812	07	18.5	49	2B					442	5.0	U
	BIGB	14	1725	1747	1749	N18	E48	3812	07	18.4	24	2B		3	C	1747	400	6.2	
	HOLL	14	1725	1747	1902	N18	E48	3812	07	18.4	97	2B		3	C		823		U
	WEND	14	1730		1738D	N19	E50	3812	07	18.5	8D	1N			C	1738	125	2.1	
	BIGB	14	1738E	1738	1752	N21	E50	3812	07	18.6	14D	2B		3	C	1738	420	6.7	
0322	HOLL	14	1827	1827	1850	S11	E24	3809	07	16.6	23	SN		3	C		37		
0323		14	18343	18393	1919	N12	E05	3804	07	15.1	45	SB	M 2.4				145	1.1	EF
	RAMY	14	1834	1839	1840D	N14	E06	3804	07	15.2	6D	SB		3	C		123		
	HOLL	14	1837	1842	1918	N11	E05	3804	07	15.1	41	SB	M 2.4	3	C		202		FE
	BIGB	14	1837	1842	1920	N11	E05	3804	07	15.1	43	SB		3	C	1842	110	1.1	
0324	HOLL	14	1933	1933	1937	N17	E14	3814	07	15.9	4	SB		3	C		42		
0325	HOLL	14	2030	2031	2051	N11	E01	3804	07	14.9	21	SN	M 1.1	3	C		34		F
0326	HOLL	14	2040	2058	2137	S23	W15	3806	07	13.7	57	SF		3	C		46		F
0327	PALE	14	2045	2047	2051	N18	E13	3814	07	15.8	6	SN		1	C		88		F
0328	HOLL	14	2059	2059	2107	N12	E40	3810	07	17.9	8	SF		3	C		22		
0329		14	2119	2120	2139	N17	E14	3814	07	15.9	20	SB					60	1.2	E
	HOLL	14	2119	2120	2138	N17	E14	3814	07	15.9	19	SB		3	C		24		E
	BIGB	14	2119	2120	2138	N17	E14	3814	07	15.9	19	SB		3	C	2120	120	1.2	
	PALE	14	2128E	2130U	2142	N17	E13	3814	07	15.9	14D	SN		1	C		35		
0330	HOLL	14	2123	2131	2139	S20	E45	3815	07	18.3	16	SF		3	C		40		

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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)	
0331		14	22102	2219*	2235	N15	E06	3804	07	15.4	25	SN					85	1.2	FI
	CULG	14	2210	2219	2237	N14	E04	3804	07	15.2	27	SF			C	2219	140	1.4	FI
	HOLL	14	2212	2229	2232	N15	E07	3804	07	15.4	20	SN		3	C		25		F
	BIGB	14	2212	2229	2235	N15	E07	3804	07	15.4	23	SN		3	C	2229	90	.9	
0332	PALE	14	2227	2229	2233	N17	E13	3814	07	15.9	6	SN		1	C		38		F
0333	HOLL	14	2240	2240	2251	S09	E16	3809	07	16.1	11	SF		3	C		26		F
0334	PALE	14	2341	2342	2350	N20	E42	3812	07	18.2	9	SF		2	C		45		
0335	LEAR	15	0015	0017	0033	S21	W58	3802	07	10.6	18	SF		3	C		31		
0336		15	0018	00182	0031	N09	E01	3804	07	15.1	13	SN					95	1.2	EFU
	PALE	15	0018	0018	0023	N09	E01	3804	07	15.1	5	SN		2	C		76		F
	HOLL	15	0018	0019	0023	N09	E01	3804	07	15.1	5	SN		3	C		55		F
	CULG	15	0018	0019	0027	N08	E00	3804	07	15.0	9	SF			C	0019	120	1.2	F
	BIGB	15	0018	0019	0052	N09	E01	3804	07	15.1	34	SN		3	C	0019	100	1.0	
	PEKG	15	0020E	0020	0048D	N10	E01	3804	07	15.1	28D	SN			P	0020	126	1.3	EU
0337	YUNN	15	0055	0055	0105D	N14	E36	3810	07	17.7	10D	SN			P		32	.4	D
0338	PALE	15	0056	0056	0111	N15	E06	3804	07	15.5	15	SN		2	C		25		
0339	PALE	15	0058	0102	0110	S19	W62	3802	07	10.3	12	SF		2	C		62		
0340	LEAR	15	0113	0128	0138	S20	W65	3802	07	10.1	25	SF		3	C		44		
0341		15	0120*	02035	0222	N20	E44	3812	07	18.4	62	SN	C 8.3				30		F
	LEAR	15	0120	0203	0225	N19	E43	3812	07	18.3	65	SN	C 8.3	3	C		37		F
	PALE	15	0205	0208	0218	N21	E45	3812	07	18.5	13	SN		3	C		23		
0342		15	01454	01587	0231	N13	E37	3810	07	17.9	46	SN					135	1.6	EF
	PALE	15	0145	0158	0235	N10	E33	3810	07	17.5	50	SN		2	C		173		
	LEAR	15	0145	0205	0237	N14	E39	3810	07	18.0	52	SF		3	C		144		F
	CULG	15	0146	0203	0226	N16	E39	3810	07	18.0	40	SN			C	0203	140	1.8	F
	YUNN	15	0149	0201	0225	N14	E38	3810	07	17.9	36	SN			C		80	1.1	E
	PEKG	15	0155E	0205	0235	N14	E39	3810	07	18.0	40D	SN			C	0205	139	1.8	F
0343		15	02192	0225*	0439	N13	E01	3804	07	15.2	140	1N	M 4.4				345	2.9	EF1JKTUZ
	LEAR	15	0219	0232	0538	N11	W00	3804	07	15.1	199	1B		3	C		369		K
	LEAR	15	0219	0338	0538	N11	W00	3804	07	15.1	199	2B	M 4.4	3	C		665		ZUK
	VORO	15	0220E		0233D	N14	E02	3804	07	15.2	13D	2N			P	0231	536	5.6	EJ
	YUNN	15	0220	0225	0320	N14	E03	3804	07	15.3	60	SN			C		161	1.7	FT
	PEKG	15	0220	0226	0226D	N15	E05	3804	07	15.5	6D	1N			P	0226	219	2.3	E
	CULG	15	0220	0234	0400	N15	E04	3804	07	15.4	100	1B			C	0234	300	3.0	FIE
	PEKG	15	0221	0226	0245D	N11	W03	3804	07	14.9	24D	SN			P	0226	168	1.8	F
0344		15	02491	02517	0312	N14	E39	3810	07	18.1	23	SN					33	.4	D
	PALE	15	0249	0251	0309	N15	E39	3810	07	18.1	20	SN		2	C		34		
	YUNN	15	0250	0258	0315	N13	E39	3810	07	18.1	25	SN			C		32	.4	D
0345		15	0305*	03242	0343	N20	E45	3812	07	18.6	38	SN					60	.8	EF
	LEAR	15	0305	0324	0357	N20	E45	3812	07	18.6	52	SB		3	C		75		FE
	YUNN	15	0320E	0320U	0335	N18	E46	3812	07	18.6	15D	SN			P	0320	48	.7	F
	PALE	15	0323	0324	0334	N20	E44	3812	07	18.5	11	SN		1	C		55		F
	PEKG	15	0326E	0326	0345	N20	E45	3812	07	18.6	19D	SN			C	0326	63	.9	E
0346		15	0212*	0213*	0350	N18	E09	3814	07	15.8	98	1B					300	2.6	EFK
	PALE	15	0212	0213	0353D	N18	E10	3814	07	15.8	101D	SN		1	C		34		K
	PALE	15	0212	0339	0353D	N18	E10	3814	07	15.8	101D	2B			C		724		FEK
	YUNN	15	0330	0340	0355	N16	E08	3814	07	15.7	25	1B			C		257	2.7	F
	CULG	15	0334	0339	0350	N19	E10	3814	07	15.9	16	SB			P	0339	130	1.3	
	PEKG	15	0335	0338	0345	N19	E10	3814	07	15.9	10	1B			C	0338	357	3.8	E
0347		15	0358*	0400*	0447	N19	E44	3812	07	18.5	49	1N					188	2.1	BEFJK
	CULG	15	0358	0400	0410	N20	E44	3812	07	18.5	12	SF			P	0400	80	1.1	FJ
	PEKG	15	0358	0402	0440	N19	E45	3812	07	18.6	42	1B			C	0402	189	2.8	F
	LEAR	15	0401	0402	0510	N20	E45	3812	07	18.6	69	1B		3	C		218		K
	LEAR	15	0401	0418	0510	N20	E45	3812	07	18.6	69	1B		3	C		339		FEK
	YUNN	15	0408	0417	0445	N17	E44	3812	07	18.5	37	SN			C		129	1.9	F
	ABST	15	0437E	0437	0500D	N20	E42	3812	07	18.4	23D	1N			P	0437	175	2.5	BE

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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 Apparent (10 ⁻⁶ Disk)	Measurement Corr (Sq Deg)	Remarks
0348	ABST	15	0437E	0437	0500D	N13	E04	3804	07	15.5	23D	1N			P	0437	227	2.4	BEJ
0349	ABST	15	0437E	0437	0500D	N13	W07	3804	07	14.7	23D	SF			P	0437	148	1.5	BE
0350	ABST	15	0437E	0437	0500D	S24	W13	3806	07	14.2	23D	SF			P	0437	87	1.0	BD
0351		15	0502E	0551	0612	N03	W04		07	14.9	70D	1B					220	2.2	BE
	MITK	15	0502E	0551	0624	N02	W03		07	15.0	82D	1B			C	0551	200	2.1	E
	HTPR	15	0549E		0601	N04	W05		07	14.9	12D	1N			C	0549	240	2.4	BE
0352		15	05423	05443	0556	N08	W03	3804	07	15.0	14	1B					214	2.0	F
	CULG	15	0542	0544	0556	N09	W04	3804	07	14.9	14	SB			C	0544	170	1.7	
	PEKG	15	0544E	0544	0550	N09	W04	3804	07	14.9	6D	1N			P	0544	231	2.4	F
	KANZ	15	0545	0545	0557	N08	W03	3804	07	15.0	12	SB		2					
	CATA	15	0545	0545	0600	N08	W03	3804	07	15.0	15	1		2	C	0545	197	2.0	
	LEAR	15	0545	0547	0601D	N08	W03	3804	07	15.0	16D	1N		3	C		260		F
0353		15	0613*	0615*	0634	N12	E39	3810	07	18.2	21	SN					32	.4	E
	WEND	15	0613	0615	0624	N10	E38	3810	07	18.1	11	SN			C	0615	43	.6	
	HTPR	15	0625	0635	0644	N15	E40	3810	07	18.3	19	SF			C	0635	20	.3	E
0354	KANZ	15	0628	0628	0636	N15	W79	3808	07	9.3	8	SN		2					
0355	WEND	15	0632	0636	0646	N21	E44	3812	07	18.6	14	SF			C	0636	28	.4	
0356		15	0632	06324	0642	S25	W18	3806	07	13.9	10	SN					25	.3	E
	WEND	15	0632	0632	0640	S25	W18	3806	07	13.9	8	SF			C	0632	25	.3	E
	KANZ	15	0632	0636	0644	S25	W18	3806	07	13.9	12	SN		1					
0357		15	07091	07122	0720	N08	W04	3804	07	15.0	11	SF					30	.3	E
	HTPR	15	0709	0712	0722	N07	W04	3804	07	15.0	13	SF			V	0712	30	.3	E
	WEND	15	0710	0714	0718	N10	W03	3804	07	15.1	8	SF			C	0714	31	.3	E
0358	ISTA	15	0728		0742	N21	E08	3814	07	15.9	14	SN							
0359		15	0730	07323	0746	N15	E00	3804	07	15.3	16	SN					42	.4	
	HTPR	15	0730	0732	0748	N13	W01	3804	07	15.2	18	SN			C	0732	40	.4	
	WEND	15	0730	0735	0743	N17	E01	3804	07	15.4	13	SN			C	0735	44	.5	
0360		15	0744*	0756*	0814	N16	E40	3815A	07	18.3	30	SN					65	.8	DE
	YUNN	15	0744	0756	0809	N17	E40	3815A	07	18.4	25	SN			C		80	1.1	D
	HTPR	15	0813	0815	0819	N15	E39	3815A	07	18.3	6	SF			C	0815	50	.6	E
0361	WEND	15	0822	0824	0838	N18	E73	3817	07	20.9	16	SF			C	0824	30		
0362	HTPR	15	0834	0842	0855	S25	E38	3815	07	18.3	21	SF			C	0842	60	.7	
0363	HTPR	15	0858	0900	0907	N07	W12	3804	07	14.5	9	SF			C	0900	50	.5	E
0364		15	09177	0926*	1005	N17	E41	3815A	07	18.5	48	1B					175	2.1	EF
	HTPR	15	0917	0940	0959	N15	E40	3815A	07	18.4	42	SB			C	0940	160	2.0	E
	MONT	15	0918	0938	0950D	N19	E41	3815A	07	18.5	32D	1N			C	0938	250		
	CATA	15	0920	0940	0954D	N19	E42	3815A	07	18.6	34D	1		2	P	0940	225	3.1	
	ATHN	15	0924	0926	1015	N15	E42	3815A	07	18.6	51	1B		4	V	0926	143	2.1	
	YUNN	15	0950E	0950U	1000	N19	E40	3815A	07	18.5	10D	SN			P	0950	96	1.3	F
0365	HTPR	15	1057	1103	1122	N06	W09		07	14.8	25	SF			C	1103	30	.3	E
0366	HTPR	15	1141	1148	1156	S30	W19	3806	07	14.0	15	SF			C	1148	30	.3	E
0367		15	1201	1238	1324	N20	E40	3812	07	18.6	83	1B	M 1.1				376	1.5	
	RAMY	15	1201	1238	1350	N20	E39	3812	07	18.5	109	2B	M 1.1	3	C		647		
	WEND	15	1237E		1257	N20	E40	3812	07	18.6	20D	SN			C	1238	106	1.5	
0368		15	12277	1232*	1303	N16	E41	3815A	07	18.6	36	1N					164	2.3	E
	HTPR	15	1227	1232	1305	N16	E38	3815A	07	18.4	38	SN			C	1232	100	1.3	E
	LVOV	15	1228	1243	1254	N17	E43	3815A	07	18.8	26	1F			C	1243	250	3.6	E
	ATHN	15	1234	1236	1310	N15	E42	3815A	07	18.7	36	1B		4	V	1236	143	2.1	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Upt Xray	Obs See Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0369	RAMY	15	1316	1318	1349	N17	W01	3804	07 15.5	33	SN	3 C		30		
0370		15	14421	1445	1502	N13	W16	3804	07 14.4	20	SN C 4.8			31	.2	E
	RAMY	15	1442	1445	1501	N10	W14	3804	07 14.6	19	SN C 4.8	3 C		42		
	HTPR	15	1443	1445	1502	N16	W17	3804	07 14.3	19	SF	C	1445	20	.2	E
0371		15	15251	15271	1550	N10	E26	3810	07 17.6	25	SB C 5.8			78	.7	EF
	HTPR	15	1525	1527	1548	N10	E29	3810	07 17.8	23	SN	C	1527	60	.7	E
	HOLL	15	1526	1528	1553	N11	E24	3810	07 17.4	27	SB C 5.8	3 C		97		FE
0372	RAMY	15	1602	1604	1616	S25	W23	3806	07 13.9	14	SN	3 C		40		
0373		15	1603	16292	1644	N11	W15	3804	07 14.5	41	SB C 5.7			58		EF
	RAMY	15	1603	1631	1648	N11	W15	3804	07 14.5	45	SB C 5.7	3 C		89		FE
	HOLL	15	1625E	1629	1640	N11	W15	3804	07 14.5	15D	SN	3 C		27		F
0374	HTPR	15	1619	1621	1656	N13	E02	3804	07 15.8	37	SF	C	1621	80	.8	E
0375	HOLL	15	1720	1744	1747	N10	W14	3804	07 14.7	27	SF	3 C		77		F
0376		15	17316	17391	1811D	N19	E37	3812	07 18.5	40D	SN C 5.6			110	.7	EF
	HOLL	15	1731	1739	1741D	N19	E37	3812	07 18.5	10D	SB	3 C		136		FE
	HTPR	15	1734		1743D	N17	E37	3812	07 18.5	9D	SF	C	1739	60	.7	E
	RAMY	15	1737	1740	1811D	N21	E37	3812	07 18.6	34D	SB C 5.6	3 C		135		FE
		15	1754		1809	No Flare Patrol										
		15	1811		1958	No Flare Patrol										
0377		15	1959E	2004*	2057D	N12	W15	3804	07 14.7	58D	SB			126		K
	HOLL	15	1959E	2004	2057D	N12	W15	3804	07 14.7	58D	SN	3 C		151		K
	HOLL	15	1959E	2057	2057D	N12	W15	3804	07 14.7	58D	SB	3 C		102		K
		15	2022		2038	No Flare Patrol										
0378	HOLL	15	2027	2030	2051	N17	E68	3817	07 21.0	24	SN	3 C		95		F
0379	BIGB	15	2104E	2123	2204	N08	W17	3804	07 14.6	60D	SB	3 P	2123	130	1.4	
0380	HOLL	15	2137	2139	2203	S12	E08	3809	07 16.5	26	SF	3 C		63		
0381		15	2206*	2208*	2242	N11	W17	3804	07 14.6	36	SN			147	1.5	F
	CULG	15	2206	2208	2225	N11	W17	3804	07 14.6	19	SF	C	2208	80	.9	
	BIGB	15	2210E	2213	2254	N10	W20	3804	07 14.4	44D	SB	3 P	2213	140	1.5	
	CULG	15	2226	2234	2246	N11	W13	3804	07 14.9	20	1F	C	2234	220	2.2	F
0382		15	2219	2220	2232	S22	E45	3819	07 19.4	13	SN			60	1.5	
	HOLL	15	2219	2220	2231	S22	E45	3819	07 19.4	12	SN	3 C		20		
	BIGB	15	2219	2220	2232	S22	E45	3819	07 19.4	13	SN	3 C	2220	100	1.5	
0383		16	00231	0023*	0110	N11	W18	3804	07 14.7	47	SN			180	2.0	EFJK
	PEKG	16	0020E	0023	0124	N11	W19	3804	07 14.6	64D	SN	C	0023	181	2.1	FJK
	PEKG	16	0020E	0035	0124	N11	W16	3804	07 14.8	64D	1N	C	0035	378	4.1	F
	CULG	16	0023	0029	0043	N10	W18	3804	07 14.7	20	SN	C	0029	80	.9	
	BIGB	16	0024	0031	0131D	N11	W18	3804	07 14.7	67D	SB	3 P	0031	180	2.0	
	YUNN	16	0025E	0025U	0030D	N11	W19	3804	07 14.6	5D	SN	P	0025	80	.9	E
0384	CULG	16	0058	0059	0111	S08	W05	3807	07 15.7	13	SF	C	0059	80	.8	F
0385		16	0106E	0143	0200	N10	W16	3804	07 14.8	54D	1N			176	1.4	EF
	YUNN	16	0106E	0125U	0151D	N11	W16	3804	07 14.8	45D	SN	P	0125	129	1.4	F
	PALE	16	0114E	0143	0200	N10	W17	3804	07 14.8	46D	1N	2 C		224		FE
0386	PALE	16	0133	0142	0149	S25	W25	3806	07 14.1	16	SF	2 C		49		F
0387	YUNN	16	0220	0221	0230	S24	W32	3806	07 13.6	10	SN	C		64	.9	F
0388		16	03187	03261	0336	N22	W05	3814	07 15.7	18	SB			138	1.5	EF
	PEKG	16	0318	0326	0334	N21	W05	3814	07 15.7	16	SB	C	0326	147	1.6	E
	YUNN	16	0325	0327	0338	N22	W05	3814	07 15.7	13	SN	C		129	1.4	F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF Region			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)	
0389	PEKG	16	0322	0326	0330	S08	W06	3807	07	15.7	8	SF			C	0326	21	.2	D
0390	TACH	16	0328	0332	0342	N24	E33	3812	07	18.7	14	SF			C	0332	133	1.7	F
0391	ABST	16	0419	0420	0425D	N13	W17	3804	07	14.9	6D	SF			P	0420	87	.9	D
0392	PEKG	16	0425	0430	0450	N23	E33	3812	07	18.7	25	SF			C	0430	42	.5	D
0393	ABST	16	0453	0456	0508	N21	W06	3814	07	15.7	15	SF			C	0456	87	.9	D
0394	ABST	16	0510	0511	0515	N24	E33	3812	07	18.8	5	SF			P	0511	87	1.1	DV
0395	PEKG	16	0520E	0520	0522	N12	W16	3804	07	15.0	2D	SF			P	0520	34	.4	D
0396	PEKG	16	0522	0526	0528	N22	W06	3814	07	15.8	6	SF			C	0526	21	.2	D
0397	PEKG	16	0545	0550	0550D	N20	E26	3812	07	18.2	5D	SF			P	0550	25	.3	D
0398	PEKG	16	0547	0550	0557	N18	W12	3804	07	15.3	10	SF			C	0550	42	.4	E
0399		16	0609E	0611*	0649	N14	W14	3804	07	15.2	40D	SF					87	.9	D
	ABST	16	0609E	0611	0612D	N17	W13	3804	07	15.3	3D	SF			P	0611	87	.9	D
	ABST	16	0622E	0622	0649	N12	W15	3804	07	15.1	27D	SF			P	0622	87	.9	D
0400	WEND	16	0655	0658	0717	S28	W32	3806A	07	13.8	22	SN			C	0658	25	.3	
0401	ABST	16	0658	0659	0703D	N12	W17	3804	07	15.0	5D	SF			P	0659	87	.9	D
0402	HTPR	16	0727	0732	0737	S12	W06	3809	07	15.8	10	SF			C	0732	20	.2	
0403		16	07334	07334	0739	N13	W18	3804	07	14.9	6	SF					35	.4	DE
	PEKG	16	0733E	0733	0739	N13	W17	3804	07	15.0	6D	SF			P	0733	55	.6	D
	WEND	16	0733	0734	0737	N12	W17	3804	07	15.0	4	SF			C	0734	20	.2	
	HTPR	16	0733	0736	0739	N16	W19	3804	07	14.9	6	SF			C	0736	30	.3	E
	KANZ	16	0737	0737	0741	N11	W18	3804	07	15.0	4	SN		2					
0404	HTPR	16	0749	0751	0757	N06	E21	3810	07	17.9	8	SF			C	0751	30	.3	
0405		16	08023	0810	0825	N13	W12	3804	07	15.4	23	SN					66	.7	E
	YUNN	16	0802	0810	0830	N14	W13	3804	07	15.3	28	SN			C		48	.5	E
	CATA	16	0805	0810	0820	N12	W12	3804	07	15.4	15	S		2	C	0810	84	.9	
0406		16	0802*	0805*	0832	N19	E25	3812	07	18.2	30	SN					68	.8	EI
	HTPR	16	0802	0805	0818	N18	E26	3812	07	18.3	16	SF			C	0805	80	.9	EI
	CATA	16	0805	0810	0840	N20	E23	3812	07	18.1	35	S		2	C	0810	56	.6	
	KANZ	16	0822	0822	0837	N20	E27	3812	07	18.4	15	SN		1					
		16	0804*	0810*	0829	N10	E23	3810	07	18.1	25	SN					56	.6	E
0407	YUNN	16	0804	0813	0844	N12	E24	3810	07	18.1	40	SN			C		64	.7	
	HTPR	16	0806	0810	0820	N07	E22	3810	07	18.0	14	SN			C	0810	40	.4	E
	WEND	16	0807	0810	0818	N11	E24	3810	07	18.1	11	SF			C	0810	64	.7	
	KANZ	16	0826	0826	0835	N11	E23	3810	07	18.1	9	SN		1					
		16	0808E	0810	0816	N17	E63	3817	07	21.1	8D	SF			C	0810	25	.6	
0409		16	08578	09023	0938	N12	W15	3804	07	15.2	41	SN					82	.9	E
	ATHN	16	0857	0902	0956	N14	W16	3804	07	15.2	59	SB		2	V	0902	143	1.6	
	HTPR	16	0900E		0914D	N07	W16	3804	07	15.2	14D	SN			C	0902	70	.7	E
	WEND	16	0900	0903	0921	N11	W15	3804	07	15.2	21	SN			C	0903	60	.7	
	HTPR	16	0902		0914D	N15	W11	3804	07	15.5	12D	SF			C	0902	40	.4	E
	YUNN	16	0903E	0903U	0941	N13	W17	3804	07	15.1	38D	SN			P	0903	64	.7	
	CATA	16	0905	0905	0935	N12	W17	3804	07	15.1	30	S		2	C	0905	112	1.2	
0410	WEND	16	0902	0908	0923D	N19	W09	3814	07	15.7	21D	SF			C	0908	58	.6	E
0411		16	0950*	10009	1009D	N12	W20	3804	07	14.9	19D	1N					225	2.5	
	CATA	16	0950	1000	1000D	N13	W20	3804	07	14.9	10D	1		1	P	1000	225	2.5	
	KANZ	16	1002	1009	1009D	N10	W21	3804	07	14.8	7D	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 Upt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0412	PEKG	16	1020	1028	1040D	N11	W21	3804	07	14.8	20D	SF			P	1028	147	1.6	F
0413	PEKG	16	1028E	1028	1028D	N11	E23	3810	07	18.2	20D	SF			P	1028	17	.2	D
0414	CATA	16	1055	1055	1100D	N08	E61		07	21.0	5D	S	2	P		1055	56	1.	
0415	RAMY	16	1129E	1220	1308	N07	E19	3810	07	17.9	99D	SF	3	C			61		
0416		16	12151	1217	1223	N13	W19	3804	07	15.1	8	SB					54	.7	
	ATHN	16	1215	1217	1224D	N14	W18	3804	07	15.1	9D	SB	2	V		1217	64	.7	
	RAMY	16	1216	1217	1223	N12	W20	3804	07	15.0	7	SB	3	C			45		
		16	1227		1245	No Flare Patrol													
0417		16	1246E	12466	1310	N13	W19	3804	07	15.1	24D	SB					166	1.8	EF
	ATHN	16	1246E	1246	1314	N14	W20	3804	07	15.0	28D	SB	2	V		1246	159	1.8	
	HOLL	16	1249E	1252	1305	N12	W18	3804	07	15.2	16D	SB	2	C			174		FE
0418		16	1249	12526	1332	N20	E26	3812	07	18.5	43	SN					94		
	HOLL	16	1249E	1252	1313	N21	E26	3812	07	18.5	24D	SF	2	C			59		
	RAMY	16	1249	1258	1350	N20	E25	3812	07	18.4	61	SN	3	C			130		
0419	HOLL	16	1256	1257	1300	N16	E59	3817	07	21.0	4	SF	2	C			34		
0420	KANZ	16	1315	1318	1326	N22	E25	3812	07	18.5	11	SF	3						
0421	HOLL	16	1316	1318	1330	N12	W19	3804	07	15.1	14	SF	2	C			54		F
0422		16	1316*	13583	1418	N22	E24	3812	07	18.4	62	SF					84		F
	HOLL	16	1316	1358	1420	N19	E21	3812	07	18.1	64	SF	3	C			84		F
	KANZ	16	1349	1401	1415	N25	E27	3812	07	18.7	26	SF	3						
0423	HOLL	16	1338	1343	1352	N12	W53	3803	07	12.6	14	SF	3	C			25		F
0424	HOLL	16	1341	1352	1417	S24	W38	3806	07	13.6	36	SN	3	C			48		F
0425		16	1248*	13552	1423	N10	E20	3810	07	18.0	95	SB					115	1.1	EF
	ATHN	16	1248	1355	1412	N11	E25	3810	07	18.4	84	SB	2	V		1355	95	1.1	
	HOLL	16	1348	1355	1436	N10	E20	3810	07	18.1	48	SB	3	C			168		FE
	RAMY	16	1352	1355	1355D	N11	E19	3810	07	18.0	3D	SB	3	C			97		FE
	BIGB	16	1352	1355	1432	N10	E20	3810	07	18.1	40	SB	3	C		1355	100	1.1	
	KANZ	16	1353	1357	1411	N11	E17	3810	07	17.8	18	SF	3						
0426		16	1426*	1458*	1538	S23	W35	3806	07	13.9	72	1B M 1.5					245	2.6	EF
	HOLL	16	1426	1458	1559	S22	W36	3806	07	13.8	93	1B M 1.5	3	C			339		FE
	BIGB	16	1444E	1459	1530	S22	W36	3806	07	13.8	46D	1B	3	P		1459	240	3.1	
	KANZ	16	1456	1503	1528	S24	W34	3806	07	14.0	32	1B	3						
	WEND	16	1458	1509	1534	S25	W35	3806	07	13.9	36	1N		C		1509	156	2.2	
0427		16	15168	15231	1542	N12	W21	3804	07	15.0	26	SN M 1.4					110	.6	E
	HOLL	16	1516	1523	1555	N13	W22	3804	07	15.0	39	SB M 1.4	3	C			171		E
	WEND	16	1520	1524	1532	N12	W20	3804	07	15.1	12	SN		C		1524	50	.6	
	KANZ	16	1524	1524	1538	N12	W22	3804	07	15.0	14	SN	3						
0428	HOLL	16	1531	1531	1557	N24	W05	3814	07	16.3	26	SF	3	C			31		
0429		16	1617	16181	1652	N15	W18	3804	07	15.3	35	SB					65	.3	DE
	HOLL	16	1617	1618	1720	N16	W18	3804	07	15.3	63	SB	3	C			105		E
	WEND	16	1617	1619	1623	N14	W19	3804	07	15.2	6	SN		C		1619	25	.3	D
0430		16	16167	1627	1704	N14	E18	3810	07	18.0	48	1N					281	2.2	FU
	HOLL	16	1616	1627	1717	N14	E18	3810	07	18.0	61	1N	3	C			368		UF
	WEND	16	1623	1627	1650	N15	E18	3810	07	18.0	27	1N		C		1627	194	2.2	
0431	HOLL	16	1638	1640	1644	N16	E71	3817	07	22.1	6	SN	3	C			61		F
0432	WEND	16	1638	1639	1645	N17	E59	3817	07	21.2	7	SN		C		1639	25	.5	H

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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)		
			16 1759		1809	No Flare Patrol														
0433	HOLL	16	1810E	1812	1825	N12	W23	3804	07	15.0	15D	SN		3	C		37			
0434		16	1829*	18443	2008	N20	E22	3812	07	18.4	99	1B					206		EU	
	HOLL	16	1829	1844	2010	N21	E25	3812	07	18.7	101	1B		3	C		226		UE	
	PALE	16	1846	1847	2006	N20	E19	3812	07	18.2	80	SB		3	C		185			
0435	HOLL	16	1846	1847	1853	S21	E35	3819	07	19.5	7	SN		3	C		34		F	
0436		16	18525	18552	1922	N15	W21	3804	07	15.2	30	SB	M 2.1				67		E	
	HOLL	16	1852	1855	1929	N17	W19	3804	07	15.3	37	SB	M 2.1	3	C		84		E	
	PALE	16	1857	1857	1916	N13	W23	3804	07	15.0	19	SN		3	C		50			
0437	HOLL	16	2034	2035	2040	N12	E19	3810	07	18.3	6	SN		3	C		33			
0438	HOLL	16	2131	2133	2142	S24	W42	3806	07	13.6	11	SN		3	C		61			
0439	HOLL	16	2132	2133	2141	N13	E15	3810	07	18.0	9	SF		3	C		34			
0440	HOLL	16	2149	2150	2157	S07	W15	3807	07	15.8	8	SF	C 5.2	3	C		32			
			16 2308		2339	No Flare Patrol														
0441	PEKG	16	2343	2350	2400	N15	E14	3810	07	18.0	17	1B			C	2350	231	2.5	FU	
0442		16	2351*	2353*	2422	N19	W19	3814	07	15.5	31	SB					201	2.3	EF	
		16	2351	2353	2400	N22	W17	3814	07	15.7	9	SB			C	2353	134	1.5	F	
	PEKG	17	0001	0005	0036	N18	W20	3814	07	15.5	35	1B			C	0005	357	4.0	F	
	YUNN	17	0010E	0014	0030	N17	W20	3814	07	15.5	20D	SN			P		113	1.3	E	
0443	PALE	16	2352	2355	2355D	N13	W25	3804	07	15.1	3D	SB		3	C		99			
0444	LEAR	17	0057	0059	0114	N14	E14	3810	07	18.1	17	SN		3	C		56		F	
0445	PEKG	17	0136	0137	0145	N10	W34	3804	07	14.5	9	SF			C	0137	29	.4	E	
0446	LEAR	17	0143	0143	0153	S22	W43	3806	07	13.8	10	SN		3	C		36			
0447	PEKG	17	0150	0152	0200	N12	E13	3810	07	18.0	10	SF			C	0152	63	.7	E	
0448		17	0203	02064	0307	N12	W31	3804	07	14.7	64	1B	M 8.5				309	3.9	FUZ	
	PEKG	17	0203E	0206	0315	N11	W34	3804	07	14.5	72D	1B			C	0206	294	3.6	FU	
	LEAR	17	0203	0206	0322	N11	W34	3804	07	14.5	79	1B	M 8.5	3	C		273		UF	
	YUNN	17	0203	0210	0245	N12	W33	3804	07	14.6	42	1B			C		370	4.6	F	
	MANI	17	0205E	0207U	0210D	N14	W23	3804	07	15.3	5D	1B		1	V		300	3.4	FZ	
0449	LEAR	17	0217	0230	0236	S25	W47	3806	07	13.4	19	SN		3	C		57			
0450		17	0234	0236	0247	N19	W23	3814	07	15.3	13	SN					87	1.0	E	
	PEKG	17	0234	0236	0243	N19	W22	3814	07	15.4	9	SN			C	0236	126	1.4	E	
	YUNN	17	0236E	0236	0251	N19	W24	3814	07	15.3	15D	SN			P		48	.6		
0451	LEAR	17	0326	0333	0340	S24	W46	3806	07	13.6	14	SF		3	C		29			
0452	LEAR	17	0349	0351	0417	N09	W34	3804	07	14.6	28	SN		3	C		27			
0453	LEAR	17	0417	0418	0424	S11	W09	3809	07	16.5	7	SN		3	C		31		F	
0454	LEAR	17	0444	0444	0452	S25	W48	3806	07	13.5	8	SN		3	C		19			
0455	LEAR	17	0518	0520	0528	N14	E12	3810	07	18.1	10	SF		3	C		46		F	
0456	LEAR	17	0523	0525	0550	S11	W09	3809	07	16.5	27	SN		3	C		41		F	
0457	LEAR	17	0536	0539	0549	N17	W24	3804	07	15.4	13	SN	C 5.3	3	C		50		F	
0458	YUNN	17	0538	0543	0548	N26	W19	3804A	07	15.7	10	SF			C		48	.6		

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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	Time (UT)	Area Measurement		Remarks	
						Lat	CMD	Region								Apparent (10-6 Disk)	Corr (Sq Deg)		
0459	YUNN	17	0538	0543	0548	S22	W49	3806	07	13.5	10	SN		C		32	.6		
0460	LEAR	17	0602	0602	0616	N17	E17	3812	07	18.5	14	SN	3	C		28			
0461		17	06144	0612*	0707	N12	W19	3804	07	15.8	53	SN				211	2.3	FKL	
	ABST	17	0608E	0612	0740	N12	W18	3804	07	15.9	92D	1N		P	0612	436	4.8	FKL	
	YUNN	17	0614	0624	0705	N12	W20	3804	07	15.7	51	SN		C		113	1.2	F	
	PEKG	17	0618	0625	0637	N11	W20	3804	07	15.7	19	SN		C	0625	84	.9	F	
0462		17	06085	0618	0627	S22	E29	3819	07	19.5	19	SN				85	1.7	E	
	ABST	17	0608	0618	0622	S22	E30	3819	07	19.6	14	SN		C	0618	131	1.7	E	
	LEAR	17	0613	0618	0632	S21	E28	3819	07	19.4	19	SF	3	C		39			
0463		17	06125	06205	0701	N12	E13	3810	07	18.2	49	SN	C 8.5			145	2.0	DFJK	
	LEAR	17	0612	0620	0635	N12	E11	3810	07	18.1	23	SN	C 8.5	3	C		63		
	ABST	17	0617	0622	0800	N11	E18	3810	07	18.6	103	1N		C	0622	350	3.7	FJK	
	PEKG	17	0625E	0625	0628	N12	E10	3810	07	18.0	3D	SF		P	0625	21	.2	D	
0464		17	06206	06252	0632	N12	W61	3803	07	12.7	12	SN				49	1.2	DKV	
	LEAR	17	0620	0625	0636	N12	W61	3803	07	12.7	16	SN		C		38			
	PEKG	17	0623	0625	0627	N14	W62	3803	07	12.6	4	SN		C	0625	21	.5	D	
	ABST	17	0626	0627	0632	N11	W60	3803	07	12.7	6	SN		C	0627	87	1.9	DKV	
0465		17	0705	0708	0719	S24	W48	3806	07	13.6	14	SN				37	.7	E	
	YUNN	17	0705	0708	0718	S23	W48	3806	07	13.6	13	SN		C		32	.6	E	
	PEKG	17	0714E	0714E	0720	S24	W48	3806	07	13.6	6D	SF		P	0714	42	.8	E	
0466		17	0710	07113	0730	N13	W36	3804	07	14.6	20	SN				90	1.1	EV	
	ABST	17	0710	0711	0745	N13	W36	3804	07	14.6	35	1N		C	0711	174	2.2	EV	
	YUNN	17	0710	0714	0727	N13	W36	3804	07	14.6	17	SN		C		32	.4	E	
	PEKG	17	0714E	0714E	0718	N13	W36	3804	07	14.6	4D	SN		C	0714	63	.8	E	
0467	YUNN	17	0724E	0724U	0724D	N14	W28	3804	07	15.2	4D	SN		P	0724	80	.9		
0468	HTPR	17	0740E		0840	N10	E12	3810	07	18.2	60D	1N		C	0755	460	4.6	EFI	
0469	HTPR	17	0740E		0830	N15	W16	3814	07	16.1	50D	2N		C	0740	600	6.0	BEFI	
0470	HTPR	17	0740E		0755	S28	W48	3806A	07	13.6	15D	SF		C	0747	30	.5		
0471	PEKG	17	0802	0806	0813	N10	W35	3804	07	14.7	11	SF		P	0806	34	.4	D	
0472		17	0808	08153	0837	N19	W27	3814	07	15.3	29	SF				30	.3	E	
	HTPR	17	0808	0815	0837	N19	W27	3814	07	15.3	29	SF		C	0815	30	.3	E	
	KHAR	17	0813E	0818	0828D	N19	W27	3814	07	15.3	15D	SF		P	0816				
0473		17	0915	0916	0927D	S26	W50	3806	07	13.5	12D	SN				23		H	
	KHAR	17	0913E		0927D	S26	W52	3806	07	13.3	14D	SF		V	0915			H	
	LEAR	17	0915	0916	0921D	S25	W48	3806	07	13.7	6D	SN	3	C		23			
0474	KHAR	17	0940E		1001D	N10	W41	3804	07	14.3	21D	SF		V	0942				
0475		17	1028	1032*	1117	N14	W33	3804	07	14.9	49	2B				478	5.9	E	
	KHAR	17	1018E	1032	1116D	N15	W34	3804	07	14.8	58D	2N		P	1031	520	6.5	E	
	ATHN	17	1028	1033	1121	N14	W32	3804	07	15.0	53	2B	2	V	1033	716	8.5		
	CATA	17	1045E	1045	1115	N18	W28	3804	07	15.3	30D	1	2	P	1045	281	3.4		
	CATA	17	1045E	1045	1115	N10	W39	3804	07	14.5	30D	2	2	P	1045	394	5.2		
0476	KHAR	17	1133E		1150D	N16	E12	3810	07	18.4	17D	SF		P	1133	90	.9	E	
0477	ATHN	17	1146	1151	1205	N20	E27	3821A	07	19.5	19	SB	2	V	1151	111	1.3		
0478	RAMY	17	1218E	1224	1329	N18	E47	3817	07	21.1	71D	SB	3	C		105			
0479		17	1233	1259	1340	N20	W24	3814	07	15.7	67	18 M 6.8				162		EF	
	RAMY	17	1233	1259	1346	N21	W26	3814	07	15.5	73	18 M 6.8	3	C		215		FE	
	HOLL	17	1255E	1259	1335	N20	W22	3814	07	15.8	40D	SB	3	C		108		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	See	Obs Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0480	ATHN	17	1254	1300	1336	N14	W30	3804	07	15.3	42	SB		2	V	1300	159	1.9	
0481		17	1311	13123	1327	N22	E12	3812	07	18.5	16	SN					61		F
	RAMY	17	1311	1312	1327	N22	E11	3812	07	18.4	16	SN		3	C		41		
	HOLL	17	1311	1315	1327	N21	E12	3812	07	18.5	16	SN		3	C		81		F
0482		17	13414	13464	1426	S24	W50	3806	07	13.7	45	SB M 1.3					82	1.1	EF
	RAMY	17	1341	1350	1443D	S25	W50	3806	07	13.7	62D	SB M 1.3		3	C		95		FE
	ATHN	17	1345	1346	1417	S23	W49	3806	07	13.8	32	SB		2	V	1346	64	1.1	
	HOLL	17	1345	1350	1435	S23	W51	3806	07	13.6	50	SB		3	C		88		F
0483	HOLL	17	1405	1411	1415	N12	W65	3803	07	12.7	10	SF		3	C		16		
0484	HTPR	17	1454E		1500	N06	E12	3810	07	18.5	6D	SF			C	1456	40	.4	
0485		17	15047	1512	1523	N13	E13	3810	07	18.6	19	SN					45	.6	EF
	HTPR	17	1504	1512	1527	N10	E13	3810	07	18.6	23	SN			C	1512	60	.6	E
	RAMY	17	1510	1512	1520	N15	E12	3810	07	18.5	10	SN		3	C		36		
	HOLL	17	1511	1512	1521	N14	E13	3810	07	18.6	10	SN		3	C		39		F
0486		17	15122	15231	1547	N15	E45	3817	07	21.0	35	SB					140	1.7	EF
	HOLL	17	1512	1524	1553	N16	E46	3817	07	21.1	41	1N		3	C		164		F
	RAMY	17	1513	1523	1549	N17	E45	3817	07	21.0	36	SB		3	C		135		
	HTPR	17	1514	1523	1538	N11	E45	3817	07	21.0	24	SB			C	1523	120	1.7	E
0487		17	1538	1538	1546	N16	E12	3810	07	18.6	8	SN					56	.6	
	RAMY	17	1538	1538	1544	N16	E12	3810	07	18.6	6	SN		3	C		51		
	HTPR	17	1538	1538	1547	N16	E12	3810	07	18.6	9	SN			C	1538	60	.6	
0488	HOLL	17	1551	1553	1601	N14	E05	3810	07	18.0	10	SF		3	C		23		
0489	HOLL	17	1617	1625	1635	N12	W40	3804	07	14.7	18	SF		3	C		36		
0490		17	17131	17171	1730	N11	W37	3804	07	14.9	17	SB C 7.4					110	.7	BEF
	HOLL	17	1713	1717	1740	N14	W37	3804	07	14.9	27	SB C 7.4		3	C		146		F
	RAMY	17	1714	1718	1729	N12	W38	3804	07	14.8	15	SB		3	C		125		
	HTPR	17	1715E		1720	N07	W37	3804	07	14.9	5D	SN			C	1715	60	.7	BE
0491	RAMY	17	1714	1715	1722	N15	E03	3810	07	17.9	8	SF		3	C		40		
0492		17	1742*	1745*	1804	N12	E08	3810	07	18.3	22	SF					32		
	RAMY	17	1742	1745	1801	N12	E07	3810	07	18.3	19	SF		3	C		34		
	RAMY	17	1801	1807	1808	N11	E10	3810	07	18.5	7	SF		3	C		30		
0493	RAMY	17	1754	1800	1817	N10	W41	3804	07	14.7	23	SB C 6.4		3	C		61		
0494	RAMY	17	1804	1805	1826	S25	W55	3806	07	13.5	22	SF		3	C		21		
0495		17	18251	18275	1854	N22	E10	3812	07	18.5	29	SB C 7.0					127		EF
	HOLL	17	1825	1829	1858	N22	E13	3812	07	18.8	33	SB C 7.0		3	C		170		FE
	PALE	17	1825E	1832	1851	N20	E06	3812	07	18.2	26D	SB		3	C		134		
	RAMY	17	1826	1827	1836D	N23	E12	3812	07	18.7	10D	SB		3	C		77		FE
0496	HOLL	17	2124	2124	2131	N20	W30	3814	07	15.6	7	SF		3	C		22		
0497	HOLL	17	2147	2148	2152	N11	W46	3804	07	14.4	5	SF		3	C		24		
0498	HOLL	17	2225	2228	2245	N15	E02	3810	07	18.1	20	SF C 4.2		3	C		44		
0499		17	2310*	23158	2352	N16	W36	3804	07	15.2	42	2B M 6.8					644	7.7	EFU
	HOLL	17	2310	2316	2357	N18	W35	3804	07	15.3	47	2B M 6.8		3	C		1057		UE
	MANI	17	2311	2315	2334D	N17	W35	3804	07	15.3	23D	2B		1	V		600	7.7	FE
	PALE	17	2323	2323	2348	N13	W38	3804	07	15.1	25	1B		3	C		275		FE
0500	LEAR	18	0019	0019	0022	S24	W57	3806	07	13.6	3	SF		2	C		21		
0501	PEKG	18	0021	0030	0045	N16	E46	3817	07	21.5	24	SF			C	0030	21	.3	D

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0502		18	00211	00237	0044	N11	W44	3804	07	14.7	23	1F					98	2.3	F
	PEKG	18	0021	0030	0048	N12	W44	3804	07	14.7	27	1F			C	0030	160	2.3	F
	LEAR	18	0022	0023	0041	N10	W44	3804	07	14.7	19	SF		2	C		35		F
0503		17	2210*	2430*	2453	N15	W02	3810	07	17.8	163	SN	C 7.4				90	1.0	EF
	PALE	17	2210	2446	2448D	N15	W03	3810	07	17.7	158D	SB		3	C		125		
	PEKG	18	0021	0030	0050	N15	W01	3810	07	17.9	29	SF			C	0030	126	1.3	E
	CULG	18	0043	0044	0047	N15	W02	3810	07	17.9	4	SF			C	0044	60	.6	
	LEAR	18	0043	0046	0101	N14	W02	3810	07	17.9	18	SN	C 7.4	3	C		49		F
0504	LEAR	18	0045	0047	0156	N10	W47	3804	07	14.5	71	SN		3	C		47		
0505		18	0051	0053	0115	N22	E08	3812	07	18.6	24	SN					66	.4	F
	CULG	18	0051E	0051U	0103	N23	E07	3812	07	18.6	12D	SF			P	0051	40	.4	
	LEAR	18	0051	0053	0127	N22	E08	3812	07	18.6	36	SN		3	C		92		F
0506		18	0143*	0143*	0232	N11	W72	3803	07	12.6	49	SN					50		EFK
	PEKG	18	0130E	0155	0230	N12	W73	3803	07	12.6	60D	SN			C	0155	76		E
	LEAR	18	0143	0143	0237	N11	W72	3803	07	12.6	54	SF		3	C		12		K
	LEAR	18	0143	0200	0237	N11	W72	3803	07	12.6	54	SB		3	C		53		EK
	CULG	18	0153	0156	0223	N09	W73	3803	07	12.6	30	SN			C	0156	60		F
0507	CULG	18	0213	0216	0220	S19	E00	3815	07	18.1	7	SF			C	0216	40	.4	
0508	PEKG	18	0245E	0245	0247	N23	E09	3812	07	18.8	2D	SN			C	0245	21	.2	E
		18	0301		0308	No Flare Patrol													
0509	LEAR	18	0322	0322	0331D	N15	W39	3804	07	15.2	9D	SN	C 4.8	3	C		26		F
0510	ABST	18	0456E	0501	0520	N10	W52	3804	07	14.3	24D	1N			P	0501	131	2.1	F
0511	ABST	18	0507	0509	0525	N13	E01	3810	07	18.3	18	SN			C	0509	174	1.8	E
0512	ABST	18	0522	0526	0540	N20	W35	3814	07	15.5	18	SN			C	0526	131	1.7	E
0513	PEKG	18	0619E	0621	0643	N22	E06	3812	07	18.7	24D	SN			C	0621	139	1.5	E
0514	PEKG	18	0619E	0620	0635	N12	W50	3804	07	14.5	16D	SF			C	0620	101	1.6	E
0515	PEKG	18	0635E	0635	0643	N22	W33	3814	07	15.7	8D	SN			C	0635	67	.9	E
0516		18	0740	07523	0825	N15	W07	3810	07	17.8	45	SN					210	2.2	FU
	PEKG	18	0740	0752	0825	N15	W06	3810	07	17.9	45	1B			C	0752	252	2.6	FU
	CATA	18	0740	0755	0813D	N15	W06	3810	07	17.9	33D	S		1	P	0755	169	1.8	
	KHAR	18	0744E		0825D	N15	W08	3810	07	17.7	41D	SF			V	0747			
0517	PEKG	18	0750	0752	0801	N19	E03	3812	07	18.5	11	SN			C	0752	42	.4	D
0518	YUNN	18	0840	0845	0855	N11	W51	3804	07	14.5	15	SN			C		96	1.6	E
0519		18	09164	09202	0930	N15	W42	3804	07	15.2	14	SN					95	1.3	E
	KHAR	18	0915E		0940D	N14	W42	3804	07	15.2	25D	SF			P	0917	110	1.4	
	YUNN	18	0916	0922	0930	N17	W41	3804	07	15.3	14	SN			C		64	.9	E
	CATA	18	0920	0920	0930	N13	W43	3804	07	15.1	10	S		1	C	0920	112	1.6	
0520	KHAR	18	1033E		1100D	N15	W05	3810	07	18.1	27D	SF			P	1042	100	1.0	EH
0521	KHAR	18	1049E		1100D	N14	W43	3804	07	15.2	11D	1F			P	1053	250	3.3	EL
0522	RAMY	18	1134E	1134	1140	S24	W62	3806	07	13.7	6D	SF		3	C		21		
0523	RAMY	18	1135E	1135	1142	S10	W27	3809	07	16.4	7D	SF		3	C		49		
0524		18	1140	11446	1244	N12	W50	3804	07	14.7	64	1B	M 2.0				194	2.6	EF
	RAMY	18	1135E	1144	1244	N11	W52	3804	07	14.6	69D	1B	M 2.0	3	C		219		FE
	CATA	18	1140	1150	1200D	N12	W48	3804	07	14.9	20D	1		2	P	1150	169	2.6	

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0525	RAMY	18	1211	1212	1222	N22	E02	3812	07 18.7	11	SF		3	C		23		
0526	RAMY	18	1226	1227	1237	N10	W84	3803	07 12.2	11	SF		3	C				
0527	RAMY	18	1233	1236	1252	N15	W06	3810	07 18.1	19	SN		3	C		42		
0528	RAMY	18	1333	1333	1344	N19	W44	3804	07 15.2	11	SN		3	C		25		
0529	RAMY	18	1411	1414	1439	N13	W06	3810	07 18.1	28	SN		3	C		43		
0530	RAMY	18	1459	1501	1511	N18	W45	3804	07 15.2	12	SF		3	C		19		
0531		18	1510	15192	1553	N16	E34	3817	07 21.2	43	SN					87		
	HOLL	18	1510	1519	1552	N16	E34	3817	07 21.2	42	SN		3	C		87		
	RAMY	18	1510	1521	1554	N17	E33	3817	07 21.1	44	SN		3	C		87		
0532		18	1517	15192	1528	N18	W44	3804	07 15.3	11	SB					128		EF
	HOLL	18	1517	1519	1526	N18	W43	3804	07 15.4	9	SB		3	C		114		E
	RAMY	18	1517	1521	1529	N18	W46	3804	07 15.1	12	SB		3	C		141		FE
0533	HOLL	18	1528	1531	1534	N20	W02	3812	07 18.5	6	SF		3	C		29		
0534	HOLL	18	1528	1530	1534	S04	W40	3807	07 15.6	6	SF		3	C		29		
0535	RAMY	18	1607	1614	1633	S11	W30	3809	07 16.4	26	SF		3	C		19		
0536	HOLL	18	1617	1620	1625	S04	W41	3807	07 15.6	8	SF		3	C		81		
0537		18	16197	1623*	1648	N15	W11	3810	07 17.8	29	SN					70		
	HOLL	18	1619	1623	1625	N15	W10	3810	07 17.9	6	SF		3	C		36		
	RAMY	18	1620	1645	1703	N16	W13	3810	07 17.7	43	SN		3	C		100		
	HOLL	18	1626	1627	1655	N15	W11	3810	07 17.8	29	SN		3	C		75		
0538	HOLL	18	1623	1624	1627	N20	W04	3812	07 18.4	4	SF		3	C		27		
0539	HOLL	18	1641	1646	1714	N20	W04	3812	07 18.4	33	SF		3	C		40		
0540	HOLL	18	1657	1658	1704	N18	W43	3804	07 15.4	7	SN		3	C		39		
0541	HOLL	18	1836	1836	1839	N18	W47	3804	07 15.2	3	SN		3	C		27		
		18	1917		1929	No Flare Patrol												
		18	2006		2011	No Flare Patrol												
0542		18	2028*	20328	2042	N14	W11	3810	07 18.0	14	SF					36		
	HOLL	18	2028	2032	2037	N13	W12	3810	07 17.9	9	SF		3	C		40		
	HOLL	18	2040	2040	2046	N14	W10	3810	07 18.1	6	SF		3	C		32		
0543	HOLL	18	2052	2056	2102	N13	W85	3803	07 12.4	10	SF		3	C				
		18	2127		2143	No Flare Patrol												
0544	PALE	18	2146	2146	2153	N19	W40	3814	07 15.8	7	SN		3	C		62		
0545		18	21576	22006	2214	N23	W02	3812	07 18.8	17	SN					55		F
	PALE	18	2157	2200	2215	N23	W03	3812	07 18.7	18	SN		3	C		66		F
	HOLL	18	2203	2206	2212	N23	W02	3812	07 18.8	9	SF		3	C		44		F
0546		18	2207	2218	2230	N14	W14	3810	07 17.9	23	SN					70		F
	HOLL	18	2204E	2218U	2225	N15	W12	3810	07 18.0	21D	SF		3	C		64		F
	PALE	18	2207	2218	2234	N13	W16	3810	07 17.7	27	SN		3	C		76		
0547	HOLL	18	2332	2334	2342	N19	W48	3804	07 15.3	10	SF C 4.2		3	C		18		F
0548		19	00122	0020	0042	N11	W55	3804	07 14.9	30	1N C 9.7					151	3.6	F
	HOLL	19	0012	0044U	0047D	N11	W53	3804	07 15.0	35D	1N C 9.7		3	C		218		F
	PALE	19	0014	0020	0023	N10	W56	3804	07 14.8	9	SN		3	C		45		F
	PEKG	19	0052E	0052E	0102	N13	W57	3804	07 14.7	10D	1N			P	0052	189	3.6	F

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						Lat	CMD	Region									Apparent (10-6 Disk)	Corr (Sq Deg)		
0549		18	2311*	24239	2436	N15	W13	3810	07	18.0	85	SF					120		F	
	HOLL	18	2311	2431	2447D	N14	W13	3810	07	18.0	96D	1F		3	C		284		F	
	PALE	19	0022	0023	0030	N15	W13	3810	07	18.0	8	SF		3	C		28			
	PALE	19	0031	0032	0041	N15	W13	3810	07	18.0	10	SF		3	C		47		F	
0550		19	0042	0101*	0126	N21	W45	3814	07	15.6	44	2B X 1.2					559	7.6	EFJK	
	PALE	19	0042	0101	0128	N20	W45	3814	07	15.6	46	2B X 1.2	3	C			805		FEK	
	PALE	19	0042	0112	0128	N20	W45	3814	07	15.6	46	2B	3	C			477		K	
	PEKG	19	0052E	0104	0125	N21	W45	3814	07	15.6	33D	2B		C	0104		547	8.2	F	
	YUNN	19	0100E	0112	0122	N22	W45	3814	07	15.6	22D	1B		P			321	4.8		
	CULG	19	0107E	0107U	0128	N20	W45	3814	07	15.6	21D	2B		P	0107		450	6.3		
	VORO	19	0156E		0213D	N22	W46	3814	07	15.5	17D	2B		P	0157		752	11.2	EJK	
0551		19	0156*	02089	0234	N09	W55	3804	07	14.9	38	SN					104	1.4	E	
	PALE	19	0156	0208	0234	N08	W55	3804	07	14.9	38	SN		3	C		127			
	YUNN	19	0212	0217	0235	N10	W55	3804	07	14.9	23	SN			C		80	1.4	E	
0552		19	02112	0217*	0239	N15	W15	3810	07	17.9	28	SN					95	1.1	DEFJKU	
	PALE	19	0211	0218	0239	N15	W15	3810	07	17.9	28	SN		3	C		116		K	
	PALE	19	0211	0232	0239	N15	W15	3810	07	17.9	28	SN		3	C		56		FK	
	CULG	19	0212E	0216U	0241D	N14	W16	3810	07	17.9	29D	SN		P	0216		70	.8	F	
	YUNN	19	0212	0229	0243	N16	W15	3810	07	17.9	31	SN		C			48	.5	E	
	VORO	19	0213	0226	0241D	N14	W14	3810	07	18.0	28D	SF		C	0226		99	1.1	DJ	
	PEKG	19	0215E	0217	0234	N15	W15	3810	07	17.9	19D	SN		C	0217		181	2.0	EU	
0553		19	02402	02431	0248	N23	W06	3812	07	18.6	8	SN					76	.9	EF	
	PALE	19	0240	0244	0254	N23	W06	3812	07	18.6	14	SF		3	C		70			
	CULG	19	0241E	0241U	0241D	N23	W06	3812	07	18.6	14D	SN		P	0241		80	.9	F	
	PEKG	19	0242	0243	0245	N23	W05	3812	07	18.7	3	SN		P	0243		105	1.2	E	
	YUNN	19	0242	0244	0246	N24	W06	3812	07	18.6	4	SN		C			48	.5	E	
0554		19	0325*	0353*	0431	N11	W57	3804	07	14.8	66	1B M 1.0					188	3.7	EFKY	
	PEKG	19	0325	0353	0404	N13	W54	3804	07	15.1	39	1B		C	0353		214	3.8	F	
	PALE	19	0353	0353	0403	N11	W55	3804	07	15.0	10	SB M 1.0	3	C			133		FE	
	CULG	19	0355E	0355U	0400D	N11	W55	3804	07	15.0	5D	SF		P	0355		80	1.3	F	
	TACH	19	0356	0356	0408	N12	W55	3804	07	15.0	12	1B		C	0356		150	2.6	F	
	PEKG	19	0407E	0412	0455	N11	W61	3804	07	14.6	48D	1N		C	0412		168	3.4	FK	
	PEKG	19	0407E	0422	0455	N11	W59	3804	07	14.7	48D	2B		C	0422		286	5.4	F	
	CULG	19	0411E	0423	0443D	N09	W60	3804	07	14.7	32D	1B		P	0423		130	2.6		
	TACH	19	0413	0428	0500	N12	W55	3804	07	15.0	47	2B		C	0428		486	9.3	FY	
	YUNN	19	0425E	0441U	0448D	N14	W59	3804	07	14.7	23D	SN		P	0441		48	1.0		
0555	YUNN	19	0440	0445	0448D	N25	W06	3812	07	18.7	8D	SN		P			32	.4		
0556		19	05411	0545*	0646	N15	W16	3810	07	18.0	65	2N					676	7.3	BEFU	
	ABST	19	0541	0545	0550D	N15	W18	3810	07	17.9	9D	2N		P	0545		611	6.7	F	
	PEKG	19	0542	0545U	0555D	N15	W17	3810	07	17.9	13D	2B		C	0545		589	6.4	F	
	BUCA	19	0555E	0557	0715	N15	W15	3810	07	18.1	80D	2N		P	0557		829	8.9	E	
	ISTA	19	0600E		0618	N14	W15	3810	07	18.1	18D	2N							BU	
0557	TACH	19	0547	0555	0608D	N22	W12	3812	07	18.3	21D	2B		C	0555		707	7.9	FY	
0558		19	0821*	08405	0936	N23	W09	3812	07	18.6	75	1N					198	2.3		
	MONT	19	0821	0840	0851D	N25	W09	3812	07	18.6	30D	SN		C	0840		150			
	ATHN	19	0841	0842	0936	N21	W08	3812	07	18.7	55	1B		1	V	0842		239	2.6	
	CATA	19	0845E	0845	0920D	N25	W09	3812	07	18.7	35D	1		1	P	0845		309	3.4	
	YUNN	19	0911E	0912U	0923D	N21	W09	3812	07	18.7	12D	SN		P	0912		96	1.0		
0559		19	0902E	0904	0948	N12	W59	3804	07	14.9	46D	1B					159	2.6		
	ATHN	19	0902E	0904	0948	N11	W54	3804	07	15.3	46D	1B		1	V	0904		286	4.6	
	YUNN	19	0911E	0912U	0923D	N12	W64	3804	07	14.6	12D	SN		P	0912		32	.7		
0560		19	1250	1252	1259	N11	W66	3804	07	14.6	9	1F					140		DF	
	LVOV	19	1250	1252	1300	N10	W68	3804	07	14.4	10	1F				1252	200		D	
	HOLL	19	1251E	1253U	1258	N12	W65	3804	07	14.6	7D	SF		3	C		80		F	
0561	ATHN	19	1252E	1254	1304	N13	W13	3810	07	18.5	12D	1B		2	V	1254	207	2.2		

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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)		
0562	ATHN	19	1252E	1254	1309	N13	W55	3804	07	15.4	17D	1B			2	V	1254	127	2.1		
0563	HOLL	19	1320	1325	1334	S10	W46	3809	07	16.1	14	SF			3	C		29			
0564	LVOV	19	1335	1343	1349	N19	W53	3814	07	15.5	14	SF				C	1343	100	1.8	DK	
0565	ATHN	19	1339	1341	1349	N13	W55	3804	07	15.4	10	SN			2	V	1341	95	1.6		
0566	LVOV	19	1355	1404	1412	N16	W20	3810	07	18.1	17	SF				C	1404	100	1.1	D	
0567		19	1546*	1606	1636	N15	W22	3810	07	18.0	50	1B						194		EF	
	RAMY	19	1546	1606	1639	N15	W22	3810	07	18.0	53	1B			3	C		218			
	HOLL	19	1557	1606	1632	N15	W21	3810	07	18.1	35	SB			3	C		169		FE	
0568		19	1552*	1611	1626	N20	W54	3814	07	15.5	34	SB						99	1.5	EF	
	HOLL	19	1552	1611	1633	N21	W54	3814	07	15.5	41	1B			3	C		150		FE	
	RAMY	19	1609	1611	1620	N20	W55	3814	07	15.5	11	SB			3	C		66			
	WEND	19	1612E		1624	N20	W53	3814	07	15.6	12D	SN				C	1612	81	1.5		
0569	WEND	19	1620	1623	1625	N10	W75	3804	07	14.0	5	SF				C	1623	32			
0570		19	1714*	1803	1818	N14	W22	3810	07	18.0	64	SN						85	.9	F	
	HOLL	19	1714	1803	1826	N15	W20	3810	07	18.2	72	SF			3	C		119		F	
	BIGB	19	1759	1804	1814	N14	W23	3810	07	18.0	15	SN			3	C	1804	80	.9		
	PALE	19	1800	1804	1814	N14	W23	3810	07	18.0	14	SN			3	C		55			
0571		19	1807*	1816*	1908	N10	W69	3804	07	14.6	61	SN	M 2.1					110		FK	
	HOLL	19	1807	1817	1947D	N11	W71	3804	07	14.4	100D	1N			3	C		195		K	
	HOLL	19	1807	1845	1947D	N11	W71	3804	07	14.4	100D	SN	M 2.1		3	C		134		FK	
	PALE	19	1810	1816	1837	N10	W66	3804	07	14.8	27	SN			3	C		70		F	
	BIGB	19	1813	1846	1940	N11	W71	3804	07	14.4	87	SN			3	C	1846	80			
	PALE	19	1844	1849	1908	N10	W66	3804	07	14.8	24	SN			3	C		71			
0572		19	1857	1901	1924	N24	W17	3812	07	18.5	27	SN						72	.8	EF	
	HOLL	19	1857	1905	1930	N24	W17	3812	07	18.5	33	SN			3	C		84		F	
	BIGB	19	1858	1904	1930	N24	W17	3812	07	18.5	32	SN			3	C	1904	70	.8		
	PALE	19	1859	1901	1911	N23	W17	3812	07	18.5	12	SB			3	C		62		FE	
0573	HOLL	19	1909	1911	1917	N16	E18	3817	07	21.2	8	SF			3	C		23			
0574		19	1910	1913	1947	N14	W22	3810	07	18.1	37	SN						54	.7	F	
	HOLL	19	1910	1913	1947	N14	W22	3810	07	18.1	37	SN			3	C		48		F	
	BIGB	19	1911	1914	1947	N14	W22	3810	07	18.1	36	SN			3	C	1914	60	.7		
0575		19	1931	1934	1949	N16	E18	3817	07	21.2	18	SB						76	.9	E	
	HOLL	19	1931	1935	1947	N16	E18	3817	07	21.2	16	SB			3	C		99			
	BIGB	19	1932	1934	1951	N16	E18	3817	07	21.2	19	SB			3	C	1934	80	.9		
	PALE	19	1935E	1935U	1948D	N17	E17	3817	07	21.1	13D	SB			3	C		50		E	
0576	BIGB	19	1957	2024	2048	N19	W59	3814	07	15.3	51	SB			3	C	2024	100	2.0		
0577		19	2146	2154	2216	N15	W23	3810	07	18.2	30	SN						100	1.0		
	PALE	19	2146E	2153U	2204D	N15	W23	3810	07	18.2	18D	SN			3	C		109			
	BIGB	19	2146	2154	2224	N15	W23	3810	07	18.2	38	SB			3	C	2154	110	1.2		
	CULG	19	2152	2156	2207	N15	W22	3810	07	18.2	15	SN				C	2156	80	.9		
0578		19	2208*	2216*	2351	N10	W70	3804	07	14.7	103	1N						182		F	
	BIGB	19	2208	2232	2432	N10	W70	3804	07	14.7	144	1B			3	C	2232	240			
	CULG	19	2211	2216	2304	N10	W71	3804	07	14.6	53	SN				C	2216	60			
	PALE	19	2220	2234U	2357	N10	W70	3804	07	14.7	97	1N			3	C		247		F	
0579		19	2300	2320	2356	N14	W25	3810	07	18.1	56	1B						209	2.1	EF	
	BIGB	19	2300	2320	2355	N14	W25	3810	07	18.1	55	1B			3	C	2320	180	2.1		
	PALE	19	2304	2320U	2356	N14	W25	3810	07	18.1	52	1B			3	C		238		FE	
0580	MANI	19	2325E	2325U	2337D	N19	W60	3814	07	15.4	12D	SN			1	V		40	.8		
0581	CULG	20	0037	0041	0056	N19	W24	3812	07	18.2	19	SB				C	0041	170	1.9	EF	

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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
0582		20	0038	0039	0102	N15	W27	3810	07	18.0	24	1B	M 3.6				174	2.1	EF
	PALE	20	0038	0039	0057	N15	W27	3810	07	18.0	19	SB	M 3.6	3	C		169		FE
	BIGB	20	0038	0039	0107	N15	W27	3810	07	18.0	29	1B		3	C	0039	180	2.1	
0583		20	01162	0118	0124	N10	W66	3804	07	15.1	8	SN					22		
	CULG	20	0116	0118	0124	N11	W66	3804	07	15.1	8	SN			C	0118	30		
	PALE	20	0118	0118	0125	N10	W66	3804	07	15.1	7	SF		3	C		15		
0584		20	02011	02042	0221	N17	E14	3817	07	21.1	20	SB					135	.8	H
	CULG	20	0201	0206	0213	N17	E13	3817	07	21.1	12	SB			C	0206	110	1.1	
	PALE	20	0202	0204	0238	N17	E14	3817	07	21.1	36	1B		3	C		246		H
	YUNN	20	0205E	0205U	0212	N16	E14	3817	07	21.1	7D	SN			P	0205	48	.5	
0585		20	02123	02152	0232	N19	W59	3814	07	15.6	20	SN					52	1.0	EF
	YUNN	20	0212	0215	0240	N20	W60	3814	07	15.5	28	SN			C		64	1.3	E
	CULG	20	0213	0217	0227	N18	W58	3814	07	15.7	14	SN			C	0217	40	.7	
	PALE	20	0215	0216	0230	N18	W59	3814	07	15.6	15	SN		3	C		53		F
0586		20	02363	02424	0304	N11	W69	3804	07	14.9	28	SN					96	1.1	EF
	MANI	20	0236E	0236U	0238D	N10	W69	3804	07	14.9	2D	SN		1	V		50	1.1	F
	CULG	20	0236	0242	0304	N11	W68	3804	07	15.0	28	SB			C	0242	90		F
	PALE	20	0239	0242	0303	N11	W69	3804	07	14.9	24	1N		3	C		150		F
	MITK	20	0241E	0246	0253D	N08	W70	3804	07	14.9	12D	1F			C	0246	160		E
	YUNN	20	0251E	0251U	0305D	N15	W69	3804	07	14.9	14D	SN			P	0251	32		E
0587		20	04115	04185	0454	N21	W59	3814	07	15.6	43	1N					283	5.8	D
	CULG	20	0411	0418	0452	N18	W59	3814	07	15.7	41	1B			C	0418	240	4.8	
	TACH	20	0416	0423	0456	N22	W60	3814	07	15.6	40	2N			C	0423	530	11.1	D
	YUNN	20	0425E	0425U	0453	N22	W59	3814	07	15.6	28D	SN			P	0425	80	1.6	
0588		20	0602	06032	0609	N11	W77	3804	07	14.4	7	SN					34		D
	CULG	20	0602	0603	0607	N11	W77	3804	07	14.4	5	SN			C	0603	20		
	YUNN	20	0602E	0605	0609	N11	W76	3804	07	14.5	7D	SN			P		16		D
	BUCA	20	0603E		0613	N11	W75	3804	07	14.6	10D	SF			C	0603	64		
	PEKG	20	0605E	0605	0607	N11	W80	3804	07	14.2	2D	SF			P	0605	34		D
0589		20	06052	06072	0614	N23	W23	3812	07	18.5	9	SN					98	1.2	DE
	BUCA	20	0605	0607	0615	N24	W23	3812	07	18.5	10	SF			C	0607	107	1.2	
	CULG	20	0606	0608	0615	N21	W23	3812	07	18.5	9	SN			C	0608	60	.7	
	PEKG	20	0607	0609	0612	N24	W23	3812	07	18.5	5	SN			C	0609	160	1.9	E
	YUNN	20	0609E	0609U	0609D	N24	W22	3812	07	18.5	5D	SB			P	0609	64	.8	D
0590	PEKG	20	0640	0642	0644	N20	W62	3814	07	15.5	4	SF			C	0642	34	.7	D
0591	KHAR	20	0729E		0750D	S07	W49	3807	07	16.6	21D	SF			V	0729			DH
0592		20	0753	07579	0830D	N11	W75	3804	07	14.7	37D	1F					135		EFHLT
	KHAR	20	0748E		0830D	N10	W78	3804	07	14.5	42D	1F			V	0748			EHLT
	YUNN	20	0753	0757	0800D	N13	W76	3804	07	14.6	7D	1N			P		96		E
	ABST	20	0757E	0806	0813D	N11	W70	3804	07	15.1	16D	1F			P	0806	174		F
0593		20	0846	0848	0900	N13	W32	3810	07	17.9	14	SF					20	.2	
	HTPR	20	0846	0848	0900	N13	W30	3810	07	18.1	14	SF			C	0848	20	.2	
	KHAR	20	0850E		0857D	N13	W33	3810	07	17.9	7D	SF			V	0854			
0594		20	09182	09211	0926	N13	W25	3810	07	18.5	8	SF					71	.8	E
	MONT	20	0918	0922	0926	N14	W26	3810	07	18.4	8	SF			C	0922	60		E
	HTPR	20	0919		0921D	N14	W24	3810	07	18.6	2D	SN			C	0920	100	1.1	E
	KHAR	20	0920E		0930D	N13	W27	3810	07	18.3	10D	SF			V	0921			E
	WEND	20	0920	0921	0928	N13	W25	3810	07	18.5	8	SF			C	0921	53	.6	
	KANZ	20	0920	0922	0925	N13	W26	3810	07	18.4	5	SN		3					
0595		20	09508	0957*	1026	N14	W71	3804	07	15.0	36	1N					72	1.8	EHILT
	HTPR	20	0950	0957	1040	N11	W70	3804	07	15.1	50	SF			C	0957	50	1.2	E
	KHAR	20	0952E		1125D	N17	W72	3804	07	14.9	93D	1N			P	1021			EHILT
	ATHN	20	0955E	0957	1011	N18	W68	3804	07	15.2	16D	1N		1	V	0957	95	2.3	
	KANZ	20	0958	1015	1035D	N10	W73	3804	07	14.9	37D	SN		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 Apparent (10-6 Disk)	Measurement Corr (Sq Deg)	Remarks
0596		20	09553	09571	1012	N22	W61	3814	07	15.7	17	SN					100	2.4	E
	MONT	20	0955	0957	1000D	N23	W62	3814	07	15.6	5D	SN			C	0957	80		
	HTPR	20	0955	0957	1010	N23	W60	3814	07	15.8	15	1N			C	0957	120	2.4	E
	KANZ	20	0958	0958	1015	N20	W61	3814	07	15.7	17	SN		2					
0597		20	10204	10213	1034	N14	W26	3810	07	18.5	14	SF					30	.3	E
	HTPR	20	1020	1021	1037	N14	W25	3810	07	18.5	17	SF			C	1021	30	.3	E
	KANZ	20	1024	1024	1031	N13	W26	3810	07	18.5	7	SF		2					
0598		20	1054E		1108	N15	W30	3810	07	18.2	14D	SF					40	.5	E
	KHAR	20	1054E		1103D	N15	W29	3810	07	18.2	9D	SF			V	1054			
	HTPR	20	1058E		1108	N15	W32	3810	07	18.0	10D	SF			C	1059	40	.5	E
0599	HTPR	20	1058E		1135	N15	W68	3804	07	15.3	37D	SF			C	1058	30	.7	
0600		20	1133	1145*	1146	N21	W59	3814	07	15.9	13	1N					240	1.6	E1T
	KHAR	20	1130E	1158	1205D	N19	W60	3814	07	15.9	35D	2N			P	1158	400		E1T
	HTPR	20	1133	1145	1146	N23	W58	3814	07	16.0	13	SN			C	1145	80	1.6	E
0601		20	1137	1206U	1404	N13	W61	3804	07	15.9	147	1N M	3.6				165	3.5	EF1
	HTPR	20	1137		1234D	N13	W63	3804	07	15.7	57D	1N			C	1200	140	2.5	E1
	WEND	20	1159E		1218D	N12	W61	3804	07	15.9	19D	1N			C	1159	206	4.5	
	RAMY	20	1206E	1206U	1404	N15	W59	3804	07	16.0	118D	1N M	3.6	3	C		148		FE
0602		20	12524	12551	1314	N15	W33	3810	07	18.0	22	SB M	3.0				222	1.1	E
	HTPR	20	1207E		1258D	N16	W34	3810	07	17.9	51D	SB			C	1258	100	1.2	E
	HOLL	20	1252	1256	1332	N16	W33	3810	07	18.0	40	1B M	3.0	3	C		446		E
	RAMY	20	1253	1256	1315	N16	W34	3810	07	17.9	22	1B		3	C		398		
	ATHN	20	1254	1255	1307	N14	W27	3810	07	18.5	13	SB		1	V	1255	127	1.5	
	KANZ	20	1256	1256	1304	N14	W33	3810	07	18.0	8	SB		3					
	HTPR	20	1302E		1316D	N15	W35	3810	07	17.9	14D	SF			C	1302	40	.5	E
0603		20	1235	1238	1240	N18	W66	3814	07	15.5	5	1N					88	2.0	
	ATHN	20	1235	1238	1240	N18	W68	3814	07	15.3	5	1N		1	V	1238	95	2.3	
	HTPR	20	1302E		1330D	N17	W63	3814	07	15.7	28D	SN			C	1302	80	1.8	
0604		20	1246E	1306U	1357	N13	W64	3804	07	15.7	71D	SF					111	1.8	F
	HOLL	20	1246E	1306U	1357	N14	W63	3804	07	15.8	71D	1F		3	C		142		F
	KANZ	20	1249E		1304D	N12	W64	3804	07	15.7	15D	SF		3					
	HTPR	20	1302E		1330D	N12	W64	3804	07	15.7	28D	SN			C	1302	80	1.8	
0605	HOLL	20	1438	1444	1445	S11	W56	3809	07	16.4	7	SF		3	C		15		
0606	RAMY	20	1525	1532	1549	N24	W28	3812	07	18.5	24	SB		3	C		90		EF
0607		20	16451	1647	1652	N17	E08	3817	07	21.3	7	SN					43		
	HOLL	20	1645	1647	1652	N17	E10	3817	07	21.4	7	SF		3	C		47		
	RAMY	20	1646	1647	1652	N17	E06	3817	07	21.1	6	SN		3	C		39		
0608	HOLL	20	1726	1726	1744	N16	W37	3810	07	17.9	18	SN		3	C		40		
0609	HOLL	20	1748	1758	1802	N14	W69	3804	07	15.5	14	SF		3	C		19		
0610	HOLL	20	1802	1803	1812	N23	W63	3814	07	15.9	10	SF		3	C		24		
0611	HOLL	20	1807	1808	1829	N24	W28	3812	07	18.6	22	SF		3	C		39		F
0612	HOLL	20	1846	1849	1859	N25	W29	3812	07	18.5	13	SF		3	C		21		
0613		20	21512	21561	2214	N20	W69	3814	07	15.6	23	1B					180		
	BIGB	20	2151	2156	2228	N22	W72	3814	07	15.4	37	2B		3	C	2156	280		
	CULG	20	2153	2157	2201	N18	W66	3814	07	15.9	8	SN			C	2157	80		
0614		20	23082	23101	2344	N19	W70	3814	07	15.6	36	1B					175	2.7	
	MANI	20	2308E	2310	2338D	N21	W73	3814	07	15.4	30D	1N		1	V		115	2.7	
	BIGB	20	2308	2311	2350	N19	W71	3814	07	15.5	42	1B		3	C	2311	190		
	CULG	20	2310	2311	2337	N18	W67	3814	07	15.9	27	1B			C	2311	220		

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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
0615	CULG	21	0115	0115	0126	N19	W65	3814	07	16.1	11	SN		C		0115	70	1.6	
0616	CULG	21	0213	0215	0221D	N13	W35	3810	07	18.4	8D	SN		P		0215	70	.8	F
		21	0222		0231	No Flare Patrol													
0617		21	02578	0308	0313	S16	E72	3822	07	26.6	16	1N					64		
	YUNN	21	0257	0308	0320D	S19	E72	3822	07	26.6	23D	SN		C			48		
	CULG	21	0305	0308	0313	S14	E71	3822	07	26.5	8	1F		C		0308	80		
0618	CULG	21	0339	0345	0359	N12	W78	3804	07	15.3	20	1F		C		0345	150		
0619	CULG	21	0418	0425	0454	N14	W45	3810	07	17.8	36	SN		C		0425	50	.7	
0620	CULG	21	0424	0432	0435	N08	W80	3804	07	15.2	11	SF		C		0432	20		K
		21	0527		0531	No Flare Patrol													
0621	YUNN	21	0532E	0536	0547	S19	E72	3822	07	26.7	15D	SN		P			32		
0622		21	08213	0828	0840	N14	W85	3804	07	14.9	19	1N					100		AHL
	HTPR	21	0821	0828	0840	N16	W86	3804	07	14.8	19	1N		C		0828	100		
	WEND	21	0824	0828	0840	N15	W80	3804	07	15.3	16	1N		C		0828	100		A
	KHAR	21	0825E		0857D	N11	W88	3804	07	14.7	32D	1F		V		0830			HL
0623		21	08451	08492	0913	N36	W38		07	18.3	28	SN					81	1.2	E
	HTPR	21	0845	0851	0923	N37	W39		07	18.2	38	SN		C		0851	100	1.3	E
	WEND	21	0846	0849	0903	N36	W38		07	18.3	17	SF		C		0849	62	1.0	
0624	HTPR	21	0846	0851	0910	N23	W40	3812	07	18.3	24	SN		C		0851	40	.5	
0625		21	09326	09403	0956	N28	W42		07	18.1	24	SN					48	.7	
	HTPR	21	0932	0940	0956	N29	W41		07	18.2	24	SN		C		0940	40	.5	
	WEND	21	0938	0943	0947D	N27	W44		07	18.0	9D	SF		C		0943	56	.9	
0626	HTPR	21	0937	0950	1125	N29	W33		07	18.8	108	SN		C		0950	50	.6	E
0627	ATHN	21	1011	1013	1018	N14	W85	3804	07	15.0	7	1N		3	V	1013	64		
0628	HTPR	21	1302	1306	1315	N24	W40	3812	07	18.4	13	SF		C		1306	30	.4	E
0629		21	1339*	13501	1357	N20	W84	3804	07	15.1	18	SF					30		
	HTPR	21	1339	1351	1356	N20	W85	3804	07	15.1	17	SF		C		1351	30		
	RAMY	21	1350	1350	1358	N19	W83	3804	07	15.2	8	SF		3	C				
0630		21	15445	15497	1604	N18	W02	3817	07	21.5	20	SF					22	.2	EK
	HTPR	21	1544	1556	1609	N17	W01	3817	07	21.6	25	SF		C		1556	20	.2	E
	HTPR	21	1546	1556	1605	N17	W05	3817	07	21.3	19	SF		C		1556	20	.2	E
	RAMY	21	1549	1549	1602	N19	W02	3817	07	21.5	13	SF		3	C		23		K
	RAMY	21	1549	1556	1602	N19	W02	3817	07	21.5	13	SF		3	C		27		K
0631		21	16181	16191	1626	N14	W47	3810	07	18.1	8	SN	C 4.9				81	1.2	E
	HOLL	21	1616E	1619U	1625D	N12	W48	3810	07	18.1	9D	SF		2	C		100		
	HTPR	21	1618		1618D	N16	W47	3810	07	18.1	9D	SB		C		1618	60	.9	E
	BIGB	21	1618	1619	1626	N15	W46	3810	07	18.2	8	SN		3	C	1619	90	1.4	
	RAMY	21	1619	1620	1627	N15	W47	3810	07	18.1	8	SN	C 4.9	3	C		75		
0632		21	1644	1648	1656	N15	W86	3804	07	15.2	12	SN					65		
	HTPR	21	1640E		1656	N15	W90	3804	07	14.9	16D	SN		C		1644	30		
	HOLL	21	1644	1648U	1650D	N15	W84	3804	07	15.3	6D	SN		2	C				
	BIGB	21	1644	1648	1655	N15	W84	3804	07	15.3	11	SN		3	C	1648	100		
0633		21	17022	17041	1715	N21	W83	3814	07	15.3	13	SN					50		
	HTPR	21	1702	1704	1715	N22	W82	3814	07	15.4	13	SB		C		1704	30		
	BIGB	21	1702	1705	1715	N20	W84	3814	07	15.3	13	SN		3	C	1705	70		
	RAMY	21	1704	1705	1716	N20	W84	3814	07	15.3	12	SN		3	C				
0634		21	17141	17152	1744	N24	W42	3812	07	18.5	30	SB					118	1.4	EFV
	HTPR	21	1714		1741D	N25	W42	3812	07	18.5	27D	SB		C		1715	80	1.0	V
	BIGB	21	1714	1715	1745	N24	W42	3812	07	18.5	31	SB		3	C	1715	130	1.8	
	RAMY	21	1715	1717	1742	N24	W42	3812	07	18.5	27	SB		3	C		143		FE

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0635		21	18151	18231	1850	N23	W88	3814	07 15.0	35	1B M 3.4			160		F
	RAMY	21	1815	1824	1848	N23	W88	3814	07 15.0	33	SN M 3.4	3 C				F
	BIGB	21	1816	1823	1853	N23	W88	3814	07 15.0	37	1B	3 C	1823	160		
0636	RAMY	21	1852	1852	1858	S17	E63	3822	07 26.6	6	SF	3 C		20		
		21	2400		2400	No Flare Patrol										
0637	PEKG	22	0245E	0245E	0302	N21	W86	3814	07 15.5	17D	SF	P	0245	34		E
0638	PEKG	22	0511	0517	0530D	N22	W90	3814	07 15.3	19D	1N	P	0517	109		AE
0639		22	0725*	07355	0756	N15	W58	3810	07 17.9	31	SB			115	1.9	DE
	BUCA	22	0725	0740	0755	N14	W58	3810	07 17.9	30	SN	C	0740	107	2.0	
	KHAR	22	0730E		0805D	N12	W59	3810	07 17.9	35D	SN	V	0738			D
	CATA	22	0730	0735	0750	N16	W58	3810	07 17.9	20	S	2 C	0735	84	1.6	
	MONT	22	0730	0740	0740D	N17	W58	3810	07 17.9	10D	SN	C	0740	150		
	HTPR	22	0734E		0748	N16	W58	3810	07 17.9	14D	SB	C	0737	100	1.9	
	LEAR	22	0735	0736	0815	N16	W57	3810	07 18.0	40	SB	3 C		120		E
	ATHN	22	0736	0737	0754	N14	W59	3810	07 17.8	18	1B	3 V	0737	127	2.1	
0640	KHAR	22	0731E		0800D	N21	W90	3814	07 15.4	29D	SN	V	0748			
0641	LEAR	22	0806	0806	0810	S08	W73	3809	07 16.9	4	SF	3 C				F
0642	HTPR	22	0821	0824	0826	N16	W58	3810	07 17.9	5	SF	C	0824	30	.5	
0643	HTPR	22	0913	0929	0955	N24	W90	3814	07 15.4	42	SF	C	0929	20		
0644	HTPR	22	1547	1548	1552	N15	W55	3810	07 18.5	5	SF	C	1548	20	.3	
0645		22	1648	1707	1751	N16	W89	3804	07 15.9	63	1N			180		
	HOLL	22	1648	1707	1730	N16	W89	3804	07 15.9	42	1F	3 C				
	BIGB	22	1648	1707	1812	N16	W89	3804	07 15.9	84	1N	3 C	1707	180		
0646	HOLL	22	1724	1727	1748	N20	W59	3812	07 18.2	24	SF	3 C		32		F
0647	HOLL	22	1733	1733	1742	N29	W86		07 16.0	9	SF M 4.9	3 C				
		22	2010		2015	No Flare Patrol										
		22	2059		2137	No Flare Patrol										
		22	2202		2209	No Flare Patrol										
		22	2213		2216	No Flare Patrol										
		22	2255		2313	No Flare Patrol										
0648	CULG	22	2313D	2315U	2318	N18	W63	3812	07 18.2	5	SB	P	2315	40	.8	
0649		22	2354	23571	2422	N21	W60	3812	07 18.4	28	1N			175	3.5	FI
	LEAR	22	2354	2357	2432	N21	W60	3812	07 18.4	38	1F	2 C		169		F
	CULG	22	2354	2358U	2405	N21	W58	3812	07 18.5	11	1N	P	2358	180	3.5	IF
	HOLL	22	2354	2358	2429	N22	W63	3812	07 18.1	35	1N	3 C		175		F
0650		23	00393	00425	0110	N14	W65	3810	07 18.1	31	SF C 4.4			78	1.3	F
	HOLL	23	0039	0042	0106D	N16	W67	3810	07 17.9	27D	SN	3 C		78		
	LEAR	23	0040	0045	0124	N15	W64	3810	07 18.2	44	SF C 4.4	2 C		96		F
	CULG	23	0042	0047	0056	N11	W65	3810	07 18.1	14	SF	P	0047	60	1.3	F
0651		23	0613	0617	0623	N22	W64	3812	07 18.3	10	SN			22		F
	LEAR	23	0613	0617	0623	N23	W62	3812	07 18.5	10	SN	3 C		23		F
	CULG	23	0614D	0614U	0617E	N20	W67	3812	07 18.1	3	SN	P	0614	20		
0652		23	0713	07141	0720	N19	W62	3812	07 18.6	7	SN			27	.6	
	LEAR	23	0713	0714	0721	N21	W63	3812	07 18.5	8	SN	3 C		24		
	HTPR	23	0713	0715	0720	N17	W60	3812	07 18.7	7	SN	C	0715	30	.6	
0653	HTPR	23	0948	0958	1010	S22	W65	3819	07 18.4	22	SF	C	0958	40	.9	E
0654	CATA	23	1020	1020	1035	N19	W70	3812	07 18.1	15	1	2 C	1020	112		

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0655		23	1504	1505	1511	N24	W67	3812	07	18.4	7	SN					54		F
	RAMY	23	1504	1505	1511	N24	W68	3812	07	18.4	7	SN		3	C		50		
	HOLL	23	1504	1505	1511	N25	W66	3812	07	18.5	7	SN		3	C		58		F
		23	2016		2024														No Flare Patrol
		23	2041		2311														No Flare Patrol
0656	HTPR	24	0557	0614	0624	S20	E32	3822	07	26.7	27	SF			C	0614	40	.4	E
0657	KHAR	24	0909E		0909D	N22	W48	3824	07	20.7	27D	SF			P	0909	120	1.9	E
0658		24	10051	1010	1145D	N20	W48	3824	07	20.7	100D	1F					100	1.6	E
	CATA	24	1005	1010	1145D	N21	W47	3824	07	20.8	100D	1		1	P	1010	140	2.2	
	HTPR	24	1006		1017D	N20	W48	3824	07	20.7	11D	SF			C	1012	60	.9	E
0659	CATA	24	1045	1045	1100	N12	W83	3810	07	18.2	15	1		1	C	1045	56		
0660		24	1217E	1234U	1308	N20	W48	3824	07	20.8	51D	SF	C 1.5				74	.8	E
	HTPR	24	1217E		1235	N20	W49	3824	07	20.8	18D	SF			C	1217	50	.8	E
	RAMY	24	1234E	1234U	1342	N20	W48	3824	07	20.8	68D	SF	C 1.5	3	C		99		
0661		24	1315*	1321*	1348	S21	E28	3822	07	26.7	33	SF					70	1.2	DF
	HTPR	24	1315	1325	1348	S20	E29	3822	07	26.8	33	SF			C	1325	30	.3	
	HOLL	24	1321	1321	1338	S21	E27	3822	07	26.6	17	SF		3	C		30		F
	LVOV	24	1331	1335	1359	S23	E27	3822	07	26.6	28	SF			C	1335	150	2.0	D
0662	RAMY	24	1455	1455	1507	N19	W51	3817	07	20.7	12	SF		3	C		29		
0663	RAMY	24	1615	1618	1627	S21	E26	3822	07	26.7	12	SF		3	C		29		
0664	HOLL	24	1651	1656	1707	N20	W50	3817	07	20.9	16	SF		3	C		41		F
0665	PALE	24	1743	1752	1754	S20	E25	3822	07	26.6	11	SF		3	C		23		
0666	PALE	24	1751	1751	1755	N18	W51	3817	07	20.9	4	SF		3	C		20		
0667		24	18052	18102	1831	N14	W90	3810	07	17.9	26	1B							
	HOLL	24	1805	1812	1838	N13	W90	3810	07	18.0	33	SB		3	C				
	PALE	24	1807	1810	1824	N14	W90	3810	07	17.9	17	1N		3	C				
		24	1911		1918														No Flare Patrol
		24	1931		1942														No Flare Patrol
		24	2009		2041														No Flare Patrol
		24	2047		2103														No Flare Patrol
		24	2108		2135														No Flare Patrol
0668	LEAR	25	0300	0301	0306	N21	W56	3824	07	20.8	6	SF		3	C		25		
0669	LEAR	25	0356	0356	0402	N21	W57	3824	07	20.8	6	SF	C 3.6	3	C		22		
0670		25	05243	05264	0541	N19	W57	3824	07	20.9	17	SN					41	1.0	D
	CULG	25	0524	0526	0534	N18	W57	3824	07	20.9	10	SN			C	0526	20	.2	
	LEAR	25	0526	0527	0548	N20	W57	3824	07	20.9	22	SN		3	C		17		
	ABST	25	0527	0530	0540D	N20	W58	3824	07	20.8	13D	SN			P	0530	87	1.7	D
0671	LEAR	25	0832	0838	0845	S21	E19	3822	07	26.8	13	SF	C 1.1	3	C		25		
0672	HOLL	25	1444	1444	1451	S28	E16		07	26.9	7	SF		3	C		25		
0673	BIGB	25	1804	1811	1843	N24	W90		07	18.8	39	1B		3	C	1811	200		
0674	BIGB	25	2316	2323	2409	S23	E05	3822	07	26.3	53	SN		3	C	2323	120	1.3	
0675	ISTA	26	0720		0742	S14	E33	3827	07	28.8	22	SN							D
		26	1859		1917														No Flare Patrol
		26	1938		2117														No Flare Patrol
0676	ABST	27	0407E	0416	0438D	N03	E51	3828	07	31.0	31D	SF			P	0416	87	1.4	E

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)	
0677	HTPR	27	0830	0847	0852	N05	E50	3828	07	31.1	22	SF			C	0847	40	.6	E
0678	HTPR	27	0929	0936	0948D	N05	E50	3828	07	31.1	19D	SF			C	0936	30	.5	
0679	HTPR	27	1112		1128D	N05	E49	3828	07	31.1	16D	SF			C	1114	30	.5	
		27	1244		1247	No Flare Patrol													
		27	1505		1511	No Flare Patrol													
0680	BIGB	27	1751	1838	2006	S09	E45	3832	07	31.1	135	SF		3	C	1838	80	1.2	
		27	2028		2205	No Flare Patrol													
0681		28	0920	0923	0936	S21	W22		07	26.7	16	SN					81	1.0	E
	KHAR	28	0916E	0934D	0934D	S21	W23		07	26.6	18D	SF			P	0916	100	1.3	E
	CATA	28	0920	0925	0940	S22	W22		07	26.7	20	S		1	C	0925	84	1.1	
	HTPR	28	0921	0923	0932	S21	W22		07	26.7	11	SN			C	0923	60	.6	
		28	1346		1421	No Flare Patrol													
		28	1423		1559	No Flare Patrol													
		28	1814		1819	No Flare Patrol													
		28	1920		2030	No Flare Patrol													
		28	2045		2119	No Flare Patrol													
0682	LEAR	29	0357	0358	0409	S12	E76	3829	08	3.9	12	SF		3	C		9		
0683	ISTA	29	0723E		0739	S13	E73	3829	08	3.8	16D	SF							D
0684	HTPR	29	1204		1223D	S11	E72	3829	08	3.9	19D	SF			C	1217	20		
		29	2120		2128	No Flare Patrol													
		29	2306		2318	No Flare Patrol													
		30	0227		0233	No Flare Patrol													
0685		30	0421	0428	0500	N13	W03	3828	07	29.9	39	SN					171	2.4	EFGJ
	CULG	30	0421	0430	0459	N13	W03	3828	07	29.9	38	SN			C	0430	100	1.0	F
	TACH	30	0421	0433	0500	N14	W04	3828	07	29.9	39	1N			C	0433	352	3.7	EGJ
	LEAR	30	0424	0428	0502	N13	W02	3828	07	30.0	38	SF		3	C		62		F
0686	LEAR	30	0623	0625	0630	S10	E62	3829	08	3.9	7	SF		3	C		24		
0687	LEAR	30	0808	0834	0844	S12	E61	3829	08	3.9	36	SN		3	C		27		F
0688		30	1503	1753*	1901	S11	E53	3829	08	3.6	238	SN	C	.6			154		K
	RAMY	30	1503	1753	1901	S11	E53	3829	08	3.6	238	SN		3	C		135		K
	RAMY	30</																	

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II - ALPHA SOLAR FLARES

JULY 1982

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF		CMP Mo	Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks		
								Region										Apparent (10-6 Disk)	Corr (Sq Deg)			
		31	1719		1724		No Flare	Patrol														
0694		31	18184	18266	1900	N06	W09	3828	07	31.1	42	SN						115		FU		
	RAMY	31	1818	1832	1858	N07	W08	3828	07	31.2	40	SN			3	C		92				
	PALE	31	1822	1826	1903	N06	W10	3828	07	31.0	41	SN			3	C		138		UF		
0695		31	2142	21505	2216	S11	E39	3829	08	3.8	34	SN	C	1.1				74		FK		
	PALE	31	2142	2150	2216	S11	E39	3829	08	3.8	34	SN	C	1.1	3	C		81		K		
	PALE	31	2142	2155	2216	S11	E39	3829	08	3.8	34	SN			3	C		66		FK		
0696	PALE	31	2232	2234	2243	N15	E58	3830	08	5.3	11	SF			3	C		48				

"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.

H - ALPHA SOLAR FLARES

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AUGUST 1982

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
0001		01	0451	0454	0511	N14	E53	3830	08	5.2	20	SN					57	.6	FH
	CULG	01	0451	0454	0508	N15	E52	3830	08	5.1	17	SF			C	0454	40	.6	
	LEAR	01	0451	0456	0514	N14	E54	3830	08	5.3	23	SN		3	C		74		FH
0002		01	0454	0456	0506	S12	W08	3832	07	31.6	12	SN					55	.6	F
	CULG	01	0454	0457	0504	S11	W08	3832	07	31.6	10	SN			C	0457	50	.6	
	LEAR	01	0455	0456	0508	S12	W07	3832	07	31.7	13	SN		3	C		60		F
0003	LEAR	01	0501	0502	0509	S11	E37	3829	08	4.0	8	SF		3	C		21		F
		01	1802		1807	No Flare Patrol													
0004	HOLL	01	1923	1951	2300D	N14	E45	3830	08	5.2	217D	1N		3	C		170		F
		01	1942		1947	No Flare Patrol													
		01	1959		2128	No Flare Patrol													
0005	ABST	02	0625	0631	0640	S13	E20	3829	08	3.8	15	SN			C	0631	131	1.5	EJ
0006	ABST	02	0640	0642	0650	N14	E44	3830	08	5.6	10	SN			C	0642	87	1.3	D
0007	ISTA	02	0735		0800	N17	E42	3830	08	5.5	25	SF							B
0008		02	0738*	0800	0811	N09	E86	3847B	08	8.8	33	1N					81		AF
	WEND	02	0738	0804	0806D	N07	E87	3847B	08	8.8	28D	1N			C	0804	50		A
	LEAR	02	0754	0802	0812	N09	E86	3847B	08	8.8	18	SN		3	C				F
	CATA	02	0755E	0800	0810	N11	E85	3847B	08	8.7	15D	1		1	P	0800	112		
0009		02	0805	0811*	0841	S10	E19	3829	08	3.8	36	SN					87	.5	BFU
	ISTA	02	0805	0819	0835D	S09	E21	3829	08	3.9	30D	1B							BU
	LEAR	02	0806	0811	0843D	S11	E18	3829	08	3.7	37D	SN		3	C		132		F
	PURP	02	0836E	0837	0841	S11	E19	3829	08	3.8	5D	SN			P	0837	42	.5	
		02	0848		0854	No Flare Patrol													
		02	0914		0929	No Flare Patrol													
		02	0951		0953	No Flare Patrol													
		02	0955		0958	No Flare Patrol													
0010	RAMY	02	1306	1306	1313	N14	E37	3830	08	5.3	7	SF		3	C		34		
0011	RAMY	02	1506	1511	1529	S11	E16	3829	08	3.8	23	SF		3	C		35		
0012	RAMY	02	1602	1614	1630	N14	E35	3830	08	5.3	28	SF		3	C		29		
0013		02	1609	1623	1733	S14	W21	3834	08	1.1	84	2B	C 6.8				708		EFU
	RAMY	02	1609	1623	1625D	S14	W20	3834	08	1.2	16D	2B	C 6.8	3	C		795		UF
	HOLL	02	1620E	1622U	1733	S13	W22	3834	08	1.0	73D	2B	C 6.8	3	C		621		UE
0014	HOLL	02	1714	1717	1734	S11	E12	3829	08	3.6	20	SF	C 7.2	3	C		35		F
0015		02	1759	1807*	1932	S11	E13	3829	08	3.7	93	SB					94		EFK
	HOLL	02	1759	1807	1932	S11	E13	3829	08	3.7	93	SN		3	C		90		K
	HOLL	02	1759	1824	1932	S11	E13	3829	08	3.7	93	SB		3	C		99		FEK
		02	1852		1856	No Flare Patrol													
0016	PALE	03	0128	0138	0140	N16	E30	3830	08	5.3	12	SF	C 3.1	3	C		97		
0017		03	0134	0144	0154	N07	E90	3837	08	9.8	20	1N					100		DJ
	PALE	03	0134	0146U	0153	N08	E90	3837	08	9.8	19	SB		3	C				
	YUNN	03	0136	0145	0145D	N06	E89	3837	08	9.7	9D	1B			P		47		D
	VORO	03	0137	0144	0155	N07	E90	3837	08	9.8	18	1F			C	0144	152		J
0018	YUNN	03	0255	0255U	0300	S11	E11	3829	08	3.9	5	SN			P	0255	141	1.5	
0019	ABST	03	0654	0656	0705	N15	E28	3830	08	5.4	11	1F			C	0656	262	2.9	EJ
0020		03	0729*	0749	0757	S10	E06	3829	08	3.8	28	SN					40	.4	E
	KAND	03	0729		0754	S10	E04	3829	08	3.6	25	SN			C				
	HTPR	03	0739	0749	0800	S10	E07	3829	08	3.8	21	SF			C	0749	40	.4	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		Remarks
																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0021	HTPR	03	0933	0945	0952	S10	E07	3829	08	3.9	19	SF			C	0945	40	.4	
0022	HOLL	03	1803	1806	1816	S13	E00	3829	08	3.7	13	SF		3	C		36		F
0023		03	1832	1832	1850	N14	E21	3830	08	5.3	18	SN M 1.1					63		F
	PALE	03	1832	1832	1851	N15	E20	3830	08	5.3	19	SN M 1.1	3	C			63		F
	HOLL	03	1832	1834	1850	N14	E22	3830	08	5.4	18	SF		3	C		63		F
		03	2036		2058	No Flare Patrol													
		03	2113		2123	No Flare Patrol													
0024		03	2330*	2332*	2411	N09	E72	3837	08	9.4	41	SF					24		K
	HOLL	03	2330	2332	2411	N08	E72	3837	08	9.4	41	SF		3	C		16		K
	HOLL	03	2330	2346	2411	N08	E72	3837	08	9.4	41	SN		3	C		27		K
	PALE	03	2344	2346	2411	N11	E71	3837	08	9.3	27	SF		3	C		28		
0025	HOLL	03	2340	2341	2401	S11	W04	3829	08	3.7	21	SF		3	C		67		
0026	PALE	04	0017	0021	0046	N11	E74	3837	08	9.6	29	SF C 1.9	3	C			14		
0027		04	0159*	0209*	0225	S12	W05	3829	08	3.7	26	SN C 2.2					42	.4	
	CULG	04	0159	0209	0220	S12	W04	3829	08	3.8	21	SF			C	0209	40	.4	
	PALE	04	0223	0223	0230	S11	W06	3829	08	3.6	7	SN C 2.2	3	C			43		
0028		04	0329*	0330*	0449	S11	W06	3829	08	3.7	80	1N					318	3.6	ET
	CULG	04	0329	0330	0338	S11	W06	3829	08	3.7	9	SN			C	0330	150	1.6	
	TACH	04	0340	0359	0600	S11	W07	3829	08	3.6	140	2N			C	0359	486	5.5	ET
0029	TACH	04	0440E	0456	0530	N07	E78	3837	08	10.0	50D	1B			C	0456	203		E
0030	CULG	04	0448	0451	0503	N10	E39	3838	08	7.1	15	SF			C	0451	30	.3	
0031		04	0606*	0628	0637	S12	W07	3829	08	3.7	31	SB					88	.9	BDEJ
	ISTA	04	0606	0631	0636	S12	W05	3829	08	3.9	30	1B							B
	CULG	04	0624	0628U	0634	S12	W09	3829	08	3.6	10	SB			P	0628	70	.7	
	BUCA	04	0625	0628	0635	S10	W08	3829	08	3.7	10	SN			C	0628	129	1.4	
	ABST	04	0625	0630	0642	S12	W06	3829	08	3.8	17	SN			C	0630	131	1.4	DJ
	HTPR	04	0626	0629	0635	S11	W08	3829	08	3.7	9	SN			C	0629	80	.8	E
	HTPR	04	0627	0632	0641	S12	W05	3829	08	3.9	14	SB			C	0632	30	.3	E
		04	06153	0621*	0756	N08	E38	3838	08	7.1	101	SN					51	.7	DJ
0032	HTPR	04	0615		0930D	N09	E39	3838	08	7.2	195D	SF			C	0625	20	.3	
	ABST	04	0618	0621	0630	N08	E38	3838	08	7.1	12	SN			C	0621	87	1.1	DJ
	KAND	04	0651E		0702D	N05	E36	3838	08	7.0	11D	SN			C				
	YUNN	04	0910E	0916	0921	N09	E37	3838	08	7.1	11D	SN			P		47	.6	D
		04	0659*	0738	0741	S12	W09	3829	08	3.6	42	SN					40	.4	
0033	KAND	04	0659		0702D	S12	W10	3829	08	3.5	3D	SN			C				
	HTPR	04	0734	0738	0741	S11	W08	3829	08	3.7	7	SF			C	0738	40	.4	
0034	YUNN	04	0916	0920U	0922D	S12	W08	3829	08	3.8	6D	SB			P	0920	47	.5	
0035	HTPR	04	1014	1015	1050	S11	W10	3829	08	3.7	36	SN			C	1015	60	.6	E
0036		04	1233	1301	1324	N08	E34	3838	08	7.1	51	SF					74	.8	E
	RAMY	04	1233	1301	1324	N09	E35	3838	08	7.1	51	SF		3	C		77		
	HTPR	04	1250E		1314D	N08	E34	3838	08	7.1	24D	SF			C	1305	70	.8	E
0037	RAMY	04	1253	1256	1303	N10	E75	3837	08	10.2	10	SF		3	C		21		
0038	HOLL	04	1321	1329	1340	N13	E84	3837	08	10.9	19	SF		3	C				
0039	RAMY	04	1437	1444	1449	N10	E75	3837	08	10.2	12	SF		3	C		33		
0040		04	1748	1753	1758	N09	E70	3837	08	10.0	10	SN					25		
	PALE	04	1748	1751U	1800D	N09	E70	3837	08	10.0	12D	SN		1	C		20		
	HOLL	04	1748	1753	1758	N09	E70	3837	08	10.0	10	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	See	Obs Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0041		04	1802	1837	2030	N17	E07	3830	08	5.3	148	SF	C	3.6			82		
	RAMY	04	1802	1837	1931D	N17	E08	3830	08	5.3	89D	SF			3	C	115		
	HOLL	04	1934E	1934U	2030	N17	E06	3830	08	5.3	56D	SF	C	3.6	3	C	50		
		04	1932		1933	No Flare Patrol													
0042		04	2006	2020*	2206	S12	W16	3829	08	3.6	120	SF					72		FK
	HOLL	04	2006	2020	2206	S12	W16	3829	08	3.6	120	SF			3	C	123		K
	HOLL	04	2006	2041	2206	S12	W16	3829	08	3.6	120	SF			3	C	33		K
	PALE	04	2014E	2051U	2113D	S13	W15	3829	08	3.7	59D	SN			2	C	60		F
0043	HOLL	04	2021	2021	2037	N09	E65	3837	08	9.7	16	SF			3	C	23		
0044	PALE	04	2252	2252	2259	N11	E29	3838	08	7.1	7	SF			3	C	42		
0045	PALE	04	2254	2301	2318	N11	E57	3837	08	9.2	24	SN			3	C	72		
0046	PALE	04	2340	2348	2425	N11	E69	3837	08	10.2	45	SN			3	C	100		F
0047	CULG	05	0324	0326	0330	S02	E53	3847A	08	9.1	6	SF			C	0326	40	.6	
0048	CULG	05	0339	0340	0346	S10	W26	3829	08	3.2	7	SF			C	0340	20	.2	
0049		05	0342*	0343*	0356	N10	E68	3837	08	10.3	14	SF					27		D
	CULG	05	0342	0343	0355	N11	E68	3837	08	10.3	13	SF			C	0343	20		
	PEKG	05	0352	0355	0357	N09	E69	3837	08	10.3	5	SF			P	0355	34		D
0050	PEKG	05	0352	0357	0400	N23	E90	3842	08	12.1	8	SN			P	0357	42		D
0051	CULG	05	0504	0510	0521	N16	W01	3830	08	5.1	17	SB			C	0510	40	.4	F
0052		05	0655		0718	N08	E25	3838	08	7.2	23	SN					40	.4	E
	HTPR	05	0649E		0722	N09	E27	3838	08	7.3	33D	SF			C	0716	40	.4	E
	KAND	05	0655		0714	N06	E23	3838	08	7.0	19	SN			C				
0053	HTPR	05	0713	0715	0723	S11	W27	3829	08	3.3	10	SF			C	0715	30	.3	
0054		05	07177	0726	0740	N07	E24	3838	08	7.1	23	SN					40	.4	E
	HTPR	05	0717	0726	0737	N08	E26	3838	08	7.2	20	SF			C	0726	40	.4	E
	KAND	05	0724		0744	N06	E23	3838	08	7.0	20	SN			C				
0055	HTPR	05	0746	0758	0803	N10	E56	3837	08	9.5	17	SF			C	0758	20	.3	
0056		05	09386	09417	0951	S10	W30	3829	08	3.1	13	SB					108	1.0	DH
	HTPR	05	0938	0941	0952	S09	W30	3829	08	3.1	14	SB			C	0941	80	.9	
	MONT	05	0940	0942	0951	S10	W30	3829	08	3.1	11	SN			C	0942	150		DH
	KAND	05	0940	0943	0950	S10	W31	3829	08	3.1	10	SB			C				
	ATHN	05	0944	0948	0952	S11	W27	3829	08	3.4	8	SB			3	V	0948	95	1.1
0057	HTPR	05	0947	0951	0952	N11	E78	3839	08	11.3	5	SF			C	0951	20		
0058	HTPR	05	1036	1036	1041	N08	E76	3839	08	11.1	5	SF			C	1036	10		
0059		05	11391	11401	1148	N06	E54	3837	08	9.5	9	1B					88	1.6	E
	HTPR	05	1139	1140	1147	N07	E56	3837	08	9.7	8	SB			C	1140	50	.9	E
	ATHN	05	1140	1141	1150	N05	E52	3837	08	9.4	10	1B			3	V	1141	127	2.2
0060		05	11416	11453	1152	N10	E76	3839	08	11.2	11	1N					66	4.3	
	ATHN	05	1141	1145	1154	N09	E76	3839	08	11.2	13	1N			3	V	1145	111	4.3
	HTPR	05	1147	1148	1151	N12	E77	3839	08	11.3	4	SN			C	1148	20		
0061	HTPR	05	1432	1434	1445	S09	W33	3829	08	3.1	13	SN			C	1434	60	.7	E
		05	1502		2234	No Flare Patrol													
0062	CULG	05	2320	2323	2330	N11	E17	3838	08	7.2	10	SF			C	2323	80	.8	
0063	PALE	06	0155	0157	0213D	N12	E64	3839	08	10.9	18D	SN	C	2.2	3	C	22		

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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
0064	CULG	06	0156	0157	0159	N13	E43	3837	08	9.3	3	SF			C	0157	80	1.1	
0065	YUNN	06	0227	0228	0230	N11	E64	3839	08	10.9	3	SF			P		47	1.1	
0066		06	04212	0424	0433	N12	E61	3839	08	10.8	12	SN	C 1.9				32	.8	
	CULG	06	0421	0424	0430	N14	E60	3839	08	10.7	9	SF			C	0424	40	.8	
	LEAR	06	0423	0425U	0436	N11	E62	3839	08	10.8	13	SN	C 1.9	2	C		23		
0067	LEAR	06	0451	0456	0506	N07	E47	3837	08	9.7	15	SF		3	C		36		F
0068	ABST	06	0522	0524	0530	N10	E12	3838	08	7.1	8	SF			C	0524	175	1.8	EJ
0069	HTPR	06	0613	0617	0624	S16	E26	3836	08	8.2	11	SF			C	0617	40	.4	E
0070	ABST	06	0615	0615	0623	S14	W40	3829	08	3.2	8	SN			C	0615	131	1.9	EV
0071	LEAR	06	0652	0703	0707	S10	W40	3829	08	3.3	15	SF		3	C		23		
0072	LEAR	06	0741	0749	0806	N10	E11	3838	08	7.1	25	SF		3	C		23		
0073	LEAR	06	0743	0743	0804	S14	E10	3836A	08	7.1	21	SF		3	C		20		F
0074		06	07509	0753*	0806	N10	E53	3837	08	10.3	16	SN	C 2.6				19	.2	EU
	HTPR	06	0750	0753	0802	N10	E55	3837	08	10.4	12	SB			C	0753	20	.3	E
	ISTA	06	0751		0802	N10	E53	3837	08	10.3	11	SN							U
	LEAR	06	0752	0753	0800	N10	E54	3837	08	10.4	8	SN	C 2.6	3	C		28		
	KHAR	06	0754E	0755U	0801D	N10	E52	3837	08	10.2	7D	SF			V	0754			
	HTPR	06	0759	0808	0820	N09	E50	3837	08	10.1	21	SF			C	0808	10	.2	
0075		06	08265	08321	0846	S09	W42	3829	08	3.2	20	SN					33	.5	E
	HTPR	06	0826	0832	0855	S09	W43	3829	08	3.1	29	SN			C	0832	40	.5	E
	LEAR	06	0831	0833	0836	S09	W42	3829	08	3.2	5	SN		3	C		26		
0076		06	08282	08291	0834	N10	E40	3837	08	9.3	6	SF					45	.7	EF
	HTPR	06	0828	0830	0833	N10	E39	3837	08	9.3	5	SF			C	0830	20	.3	E
	LEAR	06	0829	0829	0833	N11	E40	3837	08	9.4	4	SN		3	C		30		F
	KHAR	06	0830E		0835D	N11	E41	3837	08	9.4	5D	SF			V	0830			
	CATA	06	0830	0830	0835	N10	E40	3837	08	9.3	5	S		2	C	0830	84	1.1	
0077		06	0921E	1125U	1133D	N10	E60	3839	08	10.9	132D	SF					20	.4	E
	HTPR	06	0921E		0929D	N10	E61	3839	08	11.0	8D	SF			C	0922	20	.4	
	KHAR	06	1122E	1125U	1133D	N10	E60	3839	08	11.0	11D	SF			P	1125			E
		06	1115		1119	No Flare Patrol													
0078		06	1125	1130	1145	S10	W44	3829	08	3.2	20	SF					82	1.2	E
	KHAR	06	1120E		1134D	S09	W44	3829	08	3.2	14D	SF			P	1120	80	1.2	E
	KHAR	06	1125E	1126U	1142D	S11	W44	3829	08	3.2	17D	SF			V	1126			
	CATA	06	1125	1130	1145	S09	W43	3829	08	3.2	20	S		2	C	1130	84	1.2	
0079		06	12033	1206	1215	S12	W44	3829	08	3.2	12	SN					40	.6	
	KHAR	06	1202E	1205U	1212D	S11	W44	3829	08	3.2	10D	SF			P	1205	50	.7	
	HTPR	06	1203		1207D	S12	W45	3829	08	3.1	4D	SN			C	1207	30	.4	
	KANZ	06	1206	1206	1215	S13	W44	3829	08	3.2	9	SN		1					
0080	RAMY	06	1207	1225	1231	S15	E09	3836A	08	7.2	24	SF		3	C		28		
0081		06	1220*	1237	1247	N10	E58	3839	08	10.9	27	SN					42	.3	E
	RAMY	06	1220	1237	1251	N11	E59	3839	08	10.9	31	SN		3	C		65		
	HTPR	06	1232	1237	1243	N10	E56	3839	08	10.7	11	SN			C	1237	20	.3	E
0082		06	13342	13369	1353	S09	W45	3829	08	3.2	19	SB					105	1.7	DEHKV
	HTPR	06	1334	1336	1351	S09	W47	3829	08	3.0	17	SB			C	1336	80	1.2	V
	RAMY	06	1334	1337	1354	S10	W45	3829	08	3.2	20	SB		3	C		142		K
	LVOV	06	1334	1337	1355	S08	W45	3829	08	3.2	21	1F			C	1337	150	2.2	D
	RAMY	06	1334	1345	1354	S10	W45	3829	08	3.2	20	SB		3	C		52		K
	HOLL	06	1336	1336	1353	S08	W44	3829	08	3.3	17	SB		3	C		135		K
	ATHN	06	1336	1339	1343D	S09	W44	3829	08	3.3	7D	SN		4	V	1339	127	1.6	
	HOLL	06	1336	1345	1353	S08	W44	3829	08	3.3	17	SB		3	C		51		EHK

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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
						Region											Apparent (10-6 Disk)	Corr (Sq Deg)		
0083		06	1341	1345*	1402	N12	E60	3839	08	11.1	21	SN					32			K
	RAMY	06	1341	1345	1402	N12	E60	3839	08	11.1	21	SF		3	C		32			K
	RAMY	06	1341	1355	1402	N12	E60	3839	08	11.1	21	SN		3	C		33			K
0084	HTPR	06	1355	1409	1430	S11	W47	3829	08	3.0	35	SF			C	1409	10	.2		
0085		06	14202	14223	1430	N20	E69	3842	08	11.9	10	SN					52			DF
	LVOV	06	1420	1422	1432	N20	E70	3842	08	11.9	12	SF			C	1422	100			D
	HTPR	06	1421	1424	1432	N20	E70	3842	08	11.9	11	SB			C	1424	40			
	HOLL	06	1422	1424	1429	N19	E68	3842	08	11.8	7	SN		3	C		29			F
	RAMY	06	1422	1425	1429	N21	E69	3842	08	11.9	7	SN		3	C		39			
0086	HTPR	06	1443	1445	1452	N10	E55	3837	08	10.7	9	SF			C	1445	10	.2		
0087	HOLL	06	1445E	1508	1531	N13	E62	3839	08	11.3	46D	SF C	3.7	3	C		47			
0088	HOLL	06	1505	1506	1514	N08	E42	3837	08	9.8	9	SN		3	C		21			
0089		06	16328	16421	1714	S09	W46	3829	08	3.2	42	SN					59			H
	HOLL	06	1632	1642	1717	S08	W46	3829	08	3.2	45	SN		3	C		66			H
	RAMY	06	1640	1643	1712	S10	W47	3829	08	3.2	32	SN		3	C		52			
0090		06	1643	16491	1707	N11	E58	3839	08	11.1	24	SB					36			F
	HOLL	06	1643	1649	1708	N10	E58	3839	08	11.0	25	SN		3	C		32			F
	RAMY	06	1643	1650	1706	N12	E59	3839	08	11.1	23	SB		3	C		41			
0091	HOLL	06	1830	1840	1851	S08	W48	3829	08	3.2	21	SN		3	C		15			
0092	HOLL	06	1849	1908	1912	N10	E53	3839	08	10.8	23	SF		3	C		26			
0093	HOLL	06	1916	1917	2006	N10	E55	3839	08	10.9	50	SN C	2.4	3	C		77			F
0094	HOLL	06	1925	1928	1928	N09	E02	3838	08	6.9	3	SF		3	C		32			F
0095	HOLL	06	1947	1958	2036	N11	E06	3838	08	7.3	49	SN C	2.5	3	C		54			F
0096		06	2009	2013*	2123D	N11	E56	3839	08	11.0	74D	SN					42			FK
	RAMY	06	2009	2013	2123D	N12	E56	3839	08	11.0	74D	SN		3	C		47			K
	RAMY	06	2009	2040	2123D	N12	E56	3839	08	11.0	74D	SB		3	C		42			K
	HOLL	06	2010E	2014U	2057D	N10	E57	3839	08	11.1	47D	SN		3	C		36			F
0097		06	20103	20103	2017	S10	W47	3829	08	3.3	7	SF					18			F
	RAMY	06	2010	2010	2016	S11	W46	3829	08	3.4	6	SF		3	C		17			
	HOLL	06	2013	2013	2018	S09	W48	3829	08	3.2	5	SF		3	C		18			F
0098	HOLL	06	2208	2210	2242	S14	E03	3836A	08	7.1	34	SF		3	C		34			F
0099		06	22302	22321	2246	S06	W51	3829	08	3.1	16	SN C	3.6				80	1.7		F
	BIGB	06	2230	2232	2250	S04	W52	3829	08	3.0	20	SN		3	C	2232	100	1.7		
	HOLL	06	2232	2233	2241	S08	W50	3829	08	3.2	9	SN C	3.6	3	C		59			F
0100		06	2243*	2311	2331	S16	E04	3836A	08	7.2	48	SN					77	.9		F
	HOLL	06	2243	2326U	2414D	S15	E04	3836A	08	7.2	91D	SF		3	C		64			F
	BIGB	06	2308	2311	2331	S16	E04	3836A	08	7.3	23	SN		3	C	2311	90	.9		
0101		06	23193	23311	2354	S08	W50	3829	08	3.2	35	1B M	2.2				169	3.3		EH
	HOLL	06	2319	2332	2351	S08	W50	3829	08	3.2	32	1B M	2.2	3	C		223			EH
	CULG	06	2321	2331	2350	S10	W48	3829	08	3.4	29	1B			C	2331	140	2.1		
	BIGB	06	2322	2331	2403	S04	W53	3829	08	3.0	41	1B		3	C	2331	280	4.5		
	LEAR	06	2344E	2344U	2352	S09	W50	3829	08	3.2	8D	SN		3	C		32			
0102	CULG	06	2302	2307	2315	N13	E19	3847B	08	8.4	13	SF			C	2307	70	.7		
0103	CULG	07	0010	0014	0021	N08	E00	3838	08	7.0	11	SB			C	0014	30	.3		
0104		07	01212	01231	0140	N12	E54	3839	08	11.1	19	SN C	1.7				40	.8		
	LEAR	07	0121	0123	0154	N10	E55	3839	08	11.2	33	SN C	1.7	3	C		31			
	CULG	07	0123	0124	0126	N13	E54	3839	08	11.1	3	SF			C	0124	50	.8		

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																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0105		07	0247	0249	0252	S14	W00	3836A	08	7.1	5	SN					67	.7	F
	CULG	07	0247	0249	0253	S15	W00	3836A	08	7.1	6	SF			C	0249	40	.4	
	YUNN	07	0250E	0250U	0252	S14	W01	3836A	08	7.0	2D	SN			P	0250	94	1.0	F
0106		07	0248*	0251*	0417	N14	E52	3839	08	11.0	89	SN	C 5.1				86	1.0	EFK
	LEAR	07	0248	0251	0425	N14	E53	3839	08	11.1	97	SN	C 5.1	3	C		41		K
	LEAR	07	0248	0347	0425	N14	E53	3839	08	11.1	97	1N		3	C		175		FK
	YUNN	07	0302	0306	0314D	N11	E52	3839	08	11.0	12D	SN			P		63	1.0	E
	YUNN	07	0352E	0352U	0400	N15	E52	3839	08	11.1	8D	SN			P		63	1.1	E
0107	LEAR	07	0252	0252	0305	N08	E46	3837	08	10.6	13	SF		3	C		22		
0108		07	02562	03042	0327	S13	W46	3829	08	3.6	31	SN	C 2.9				57	1.0	F
	LEAR	07	0256	0304	0327	S13	W45	3829	08	3.7	31	SN	C 2.9	3	C		51		F
	YUNN	07	0258	0306	0314D	S13	W46	3829	08	3.6	16D	SN			P		63	1.0	
0109	CULG	07	0327	0328	0330	N09	E42	3837	08	10.3	3	SF			C	0328	60	.7	
0110	YUNN	07	0352E	0352U	0400	S09	W48	3829	08	3.5	8D	SN			P	0352	47	.8	E
0111		07	0408*	0411*	0429	N08	W03	3838	08	6.9	21	SB	C 3.5				75	.8	DEFJ
	YUNN	07	0408	0411	0419	N07	W03	3838	08	6.9	11	SB			C		31	.3	D
	LEAR	07	0420	0422	0431	N08	W03	3838	08	6.9	11	SB	C 3.5	3	C		73		FE
	CULG	07	0420	0422	0438	N09	W03	3838	08	6.9	18	SN			C	0422	120	1.2	J
0112	ISTA	07	0617		0633	N09	W06	3838	08	6.8	16	SF							D
0113		07	0632	0634	0639	N10	E41	3837	08	10.3	7	1N					31		U
	ISTA	07	0632		0640	N11	E41	3837	08	10.3	8	1N							U
	LEAR	07	0632	0634	0638	N10	E41	3837	08	10.3	6	SN		3	C		31		
0114		07	06414	06444	0650	S14	W02	3836A	08	7.1	9	1N					76	.9	DF
	ISTA	07	0641		0650	S14	W01	3836A	08	7.2	9	2N							F
	BUCA	07	0643	0644	0649	S14	W04	3836A	08	7.0	6	SN			C	0644	86	1.0	D
	CULG	07	0644	0645	0651	S14	W02	3836A	08	7.1	7	SB			C	0645	70	.7	
	YUNN	07	0644	0648	0652	S15	W04	3836A	08	7.0	8	SN			P		94	1.0	
	LEAR	07	0645	0645	0650	S15	W02	3836A	08	7.1	5	SN		3	C		56		F
0115	HTPR	07	0653E		0705	S16	E14	3836	08	8.3	12D	SF			C	0655	20	.2	
0116	ISTA	07	0721		0724	N11	E39	3837	08	10.2	3	SN							E
0117		07	07342	0738*	0800	S15	E12	3836	08	8.2	26	SN					72	.8	EFU
	BUCA	07	0734	0738	0802	S15	E12	3836	08	8.2	28	SF			C	0738	161	1.8	E
	HTPR	07	0735	0752	0758	S15	E10	3836	08	8.1	23	SN			C	0752	40	.4	E
	ISTA	07	0736		0749	S13	E12	3836	08	8.2	13	1N							U
	HTPR	07	0736	0752	0807	S16	E14	3836	08	8.4	31	SN			C	0752	50	.5	E
	LEAR	07	0736	0753	0802	S15	E12	3836	08	8.2	26	SF		3	C		48		F
	YUNN	07	0754E	0755	0800	S18	E13	3836	08	8.3	6D	SN			P		63	.7	E
		07	08033	08054	0818	N09	E39	3837	08	10.3	15	SN	C 4.6				70	.9	EF
0118	BUCA	07	0803	0805	0810	N10	E39	3837	08	10.3	7	SN			C	0805	129	1.7	E
	LEAR	07	0804	0809	0827	N10	E40	3837	08	10.3	23	SB	C 4.6	3	C		81		FE
	HTPR	07	0805	0806	0822	N06	E37	3837	08	10.1	17	SN			C	0806	10	.1	
	HTPR	07	0805	0809	0813	N10	E40	3837	08	10.3	8	SN			C	0809	20	.3	E
	ATHN	07	0806	0808	0812D	N08	E40	3837	08	10.3	6D	SN		4	V	0808	111	1.5	
		07	0816	0819	0827	S10	W50	3829	08	3.6	11	SN			C	0819	120	1.9	E
0120	YUNN	07	0831	0839	0855	S10	W51	3829	08	3.5	24	1N			P		220	3.8	F
0121	HTPR	07	0852	0854	0927	N11	W10	3838	08	6.6	35	SF			C	0854	30	.3	
0122	HTPR	07	0852	0852	0858	S16	W05	3840	08	7.0	6	SB			C	0852	30	.3	V
0123	HTPR	07	0916	0935	1050	N14	E49	3839	08	11.1	94	SF			C	0935	30	.5	E
0124		07	0937		1024D	N10	W10	3838	08	6.6	47D	SF					20	.2	H
	HTPR	07	0937		1019D	N10	W10	3838	08	6.6	42D	SF			C	0939	20	.2	H
	KHAR	07	1005E		1024D	N11	W11	3838	08	6.6	19D	SF			V	1009			H

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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
0125	KHAR	07	1000E		1025D	N05	E90		08	14.1	25D	SF			V	1008			
0126		07	11559	12073	1306	N13	E47	3839	08	11.0	71	1N					277	5.4	EFI
	HTPR	07	1155	1210	1305	N15	E45	3839	08	10.9	70	1B			C	1210	350	4.7	EI
	KANZ	07	1204	1207	1213D	N15	E46	3839	08	11.0	9D	1B	1						E
	ATHN	07	1215E	1215U	1237	N08	E48	3839	08	11.1	22D	1N	1		V	1215	223	3.5	
	KHAR	07	1220E		1223D	N15	E50	3839	08	11.3	3D	2N			P	1220	500	7.9	E
	HOLL	07	1304E	1322U	1335	N14	E47	3839	08	11.1	31D	SN	3		C		36		F
0127	HOLL	07	1307	1320	1333	S09	W52	3829	08	3.6	26	SF		3	C		19		
0128	HOLL	07	1331	1333	1358	N10	E29	3837	08	9.7	27	SF		3	C		30		F
		07	1409		1415	No Flare Patrol													
0129	HOLL	07	1456	1458	1506	S10	W52	3829	08	3.7	10	SF		3	C		20		F
0130	HOLL	07	1539	1631	1634	S09	W55	3829	08	3.5	55	SF		3	C		35		F
0131	HOLL	07	1546	1547	1614	N09	E29	3837	08	9.8	28	SF		3	C		45		F
0132	BIGB	07	1622	1631	1656	N12	W06	3838	08	7.2	34	SN		3	C	1631	80	.8	
0133	HOLL	07	1721	1726	1742	S11	W53	3829	08	3.7	21	SF		3	C		28		F
0134		07	1750*	18042	1832	N09	E33	3837	08	10.2	42	SN					80	1.6	F
	BIGB	07	1750	1806	1850	N09	E32	3837	08	10.1	60	SN	3		C	1806	130	1.6	
	HOLL	07	1802	1804	1814	N09	E34	3837	08	10.3	12	SF	3		C		29		F
0135	BIGB	07	1758	1806	1826	N15	W14	3838	08	6.7	28	SN		3	C	1806	70	.7	
0136	HOLL	07	1759	1805	1819	N18	E64	3842	08	12.6	20	SF	C 2.4	3	C		21		F
0137	HOLL	07	1829	1830	1840	N11	W07	3838	08	7.2	11	SF		3	C		47		
0138	HOLL	07	1851	1852	1913	N14	E45	3839	08	11.2	22	SF	C 2.7	3	C		33		
0139	HOLL	07	1922	2002	2101	N08	E40	3839	08	10.8	99	SN		3	C		151		F
0140	HOLL	07	1939	2006	2027	S09	W62	3829	08	3.2	48	SF		3	C		29		
0141	HOLL	07	2006	2007	2015	N12	W16	3838	08	6.6	9	SF		3	C		37		
0142	HOLL	07	2105	2110	2114	S08	E50	3844	08	11.6	9	SF		3	C		19		
0143		07	2315	2318	2351	N15	E40	3839	08	11.0	36	SF					50	1.0	J
	CULG	07	2315	2318	2351	N16	E40	3839	08	11.0	36	SF			C	2318	80	1.0	J
	LEAR	07	2340E	2340U		N14	E41	3839	08	11.1		D SF	3		C		21		
0144	LEAR	08	0006	0007	0032	N09	E26	3837	08	9.9	26	SF		3	C		49		F
0145		08	0018	00207	0037	S09	W64	3829	08	3.2	19	SN	C 5.2				38	1.5	FK
	LEAR	08	0018	0020	0037	S09	W64	3829	08	3.2	19	SN	C 5.2	3	C		17		F
	CULG	08	0018	0027	0037	S09	W65	3829	08	3.1	19	SN			C	0027	60	1.5	K
0146		08	0054	00549	0100	S10	W67	3829	08	3.0	6	SN	C 3.0				38		EH
	CULG	08	0054	0054	0100	S10	W67	3829	08	3.0	6	SN			C	0054	30		
	LEAR	08	0054	0055	0101	S09	W66	3829	08	3.1	7	SB	C 3.0	3	C		20		EH
	YUNN	08	0058E	0103	0111D	S10	W67	3829	08	3.0	13D	SN			P		63		
0147		08	0204*	0205*	0221	S09	W65	3829	08	3.2	17	1N	M 7.2				109	1.5	EFH
	LEAR	08	0204	0205	0218	S09	W65	3829	08	3.2	14	1B	M 7.2	3	C		135		FE
	YUNN	08	0210E	0210U	0216D	S09	W66	3829	08	3.1	6D	1B			P	0210	173		
	CULG	08	0211E	0211U	0218	S10	W65	3829	08	3.2	7D	SN			P	0211	60	1.5	
	PURP	08	0211E	0212	0221	S11	W66	3829	08	3.1	10D	1B			C	0212	140		H
	CULG	08	0224	0225	0228	S09	W66	3829	08	3.1	4	SF			C	0225	40		
0148	CULG	08	0232	0233	0234D	N11	W20	3838	08	6.6	2D	SF			P	0233	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	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0149	LEAR	08	0244	0252	0306	S09	E72	3843	08	13.5	22	SF		3	C		13		
0150	LEAR	08	0245	0248	0258	N10	E30	3837	08	10.4	13	SB	C 5.1	3	C		92		EF
0151	LEAR	08	0339	0339	0344	N12	E38	3839	08	11.0	5	SF		3	C		25		
0152		08	04305	0434*	0450	S10	W68	3829	08	3.1	20	SN	C 3.9				31		HJ
	CULG	08	0430	0434	0449	S10	W67	3829	08	3.1	19	SF			C	0434	40		J
	LEAR	08	0435	0446	0450	S09	W69	3829	08	3.0	15	SN	C 3.9	3	C		22		H
0153		08	0442*	0455*	0555	N13	E36	3839	08	10.9	73	1N					177	2.2	DEFIJK
	TACH	08	0442	0457	0550	N06	E35	3839	08	10.8	68	3N			C	0457	1147	14.2	EIJ
	PEKG	08	0445	0455	0614	N14	E38	3839	08	11.1	89	SF			P	0455	34	.4	EK
	PEKG	08	0445	0523	0614	N14	E38	3839	08	11.1	89	SN			P	0523	50	.6	E
	YUNN	08	0447	0503U	0503D	N15	E40	3839	08	11.2	160	SN			P	0503	31	.4	D
	PURP	08	0509	0510	0510D	N15	E41	3839	08	11.3	1D	SN			V	0510	84	1.1	
	CATA	08	0510E	0510	0605	N14	E38	3839	08	11.1	55D	S		2	P	0510	56	.7	
	PEKG	08	0515	0523	0534	N11	E31	3839	08	10.5	19	SF			P	0523	21	.2	D
	CULG	08	0538	0542	0546	N16	E32	3839	08	10.7	8	SN			C	0542	80	.9	F
	PEKG	08	0541	0543	0545	N13	E33	3839	08	10.7	4	SF			C	0543	88	1.1	E
0154	YUNN	08	0459E	0500U	0503D	S09	W62	3829	08	3.5	4D	SB			P	0500	31	.7	D
0155	CULG	08	0510	0512	0514	S03	E64	3843	08	13.0	4	SF			C	0512	20	.4	
0156		08	05181	05191	0522	N10	W20	3838	08	6.7	4	SF					46	.5	
	CULG	08	0518	0519	0522	N11	W21	3838	08	6.6	4	SF			C	0519	50	.5	
	LEAR	08	0519	0520	0523	N10	W20	3838	08	6.7	4	SF		3	C		42		
0157		08	0705	0742U	0735	N12	E38	3839	08	11.1	30	1F					100	1.3	U
	ISTA	08	0705		0735	N11	E40	3839	08	11.3	30	1F							U
	KHAR	08	0739E	0742U	0759D	N14	E37	3839	08	11.1	20D	SF			P	0742	100	1.3	
0158	KHAR	08	0712E		0720D	N11	E22	3837	08	9.9	8D	SF			V	0712			
0159	KHAR	08	0920E		0936D	N12	E39	3839	08	11.3	16D	SF			P	0933	60	.8	E
0160		08	0928	0929	0936	N10	E27	3837	08	10.4	8	SN					98	1.1	
	KHAR	08	0923E		0939D	N10	E26	3837	08	10.3	16D	SF			P	0930	100	1.1	
	ATHN	08	0928	0929	0936	N10	E28	3837	08	10.5	8	SB		2	V	0929	95	1.1	
		08	1041		1054	No Flare Patrol													
0161	KANZ	08	1058E		1101D	N10	E20	3837	08	9.9	3D	SF		1					
0162	KANZ	08	1058E		1101D	S13	W62	3829	08	3.8	3D	SN		1					
		08	1102		1109	No Flare Patrol													
0163	CATA	08	1115E	1115	1140	S04	W75	3829	08	2.9	25D	S		2	P	1115	28		
		08	1216		1247	No Flare Patrol													
0164	HOLL	08	1347	1348	1404	N15	E77	3845	08	14.4	17	SN		3	C				
0165	HOLL	08	1349	1350	1411	N11	E20	3837	08	10.1	22	SN		3	C		47		
0166	HOLL	08	1428	1428	1432	N12	E35	3839	08	11.2	4	SF		3	C		19		
0167	HOLL	08	1433	1435	1451	S11	E67	3843	08	13.6	18	SF		3	C		14		
0168	HOLL	08	1546	1612	1650	N14	E37	3839	08	11.4	64	1B	M 1.5	3	C		238		E
0169		08	1603	1656	1752	N14	E70	3845	08	13.9	109	1B	M 1.7				138		E
	HOLL	08	1603	1651U	1805D	N14	E71	3845	08	14.0	122D	2B	M 1.7	3	C		206		E
	BIGB	08	1656E	1656	1752	N15	E70	3845	08	14.0	56D	SN		3	C	1656	70		
0170	HOLL	08	1645	1650U	1718	S10	W66	3829	08	3.7	33	SF		3	C		13		F

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0171	HOLL	08	1647	1650U	1848	N08	E15	3837	08	9.8	121	SF		3	C		66		F
			08 1652		1655	No Flare Patrol													
0172	HOLL	08	1804E	1804U	1823	N13	E35	3839	08	11.4	19D	SN		3	C		59		F
0173		08	18393	18542	1953	S12	W06	3841	08	8.3	74	1B	C 5.8				256	2.5	FU
	BIGB	08	1839	1856	1922	S12	W09	3841	08	8.1	43	1B		3	C	1856	240	2.5	
	HOLL	08	1842	1854	2024	S12	W05	3841	08	8.4	102	1N	C 5.8	3	C		237		U
	PALE	08	1854E	1857U	1930D	S12	W04	3841	08	8.5	36D	1B		2	C		290		UF
0174	HOLL	08	1841	1844	1917	S10	W67	3829	08	3.7	36	SN		3	C		75		F
0175	HOLL	08	2011	2012	2024	S10	W68	3829	08	3.7	13	SN		3	C		29		
0176		08	2209	2210	2216	N12	E30	3839	08	11.2	7	SN	C 2.3				113	1.0	
	CULG	08	2209	2210	2214	N13	E29	3839	08	11.1	5	SN			C	2210	90	1.0	
	HOLL	08	2209	2210	2218	N11	E30	3839	08	11.2	9	SN	C 2.3	3	C		136		
0177		08	2328	23291	2353	S15	W30	3836A	08	6.7	25	SN	C 3.2				123	1.4	F
	HOLL	08	2328	2329	2351	S14	W29	3836A	08	6.8	23	SN	C 3.2	3	C		139		F
	CULG	08	2328	2330	2352	S14	W27	3836A	08	6.9	24	SB			C	2330	120	1.5	F
	BIGB	08	2328	2330	2355	S16	W33	3836A	08	6.5	27	SN		3	C	2330	110	1.3	
0178		09	0041*	0044*	0112	N14	E29	3839	08	11.2	31	SF	C 2.9				68		F
	HOLL	09	0041	0044	0120D	N16	E29	3839	08	11.2	39D	SN	C 2.9	3	C		106		
	LEAR	09	0042	0044	0105	N16	E29	3839	08	11.2	23	SF		3	C		73		F
	LEAR	09	0111	0115	0119	N11	E28	3839	08	11.1	8	SF		3	C		26		F
0179		09	0151*	0154*	0222	N10	E11	3837	08	9.9	31	1B					203	2.0	EFK
	CULG	09	0151	0154	0203	N11	E12	3837	08	10.0	12	1B			C	0154	230	2.3	F
	LEAR	09	0152	0154	0232	N10	E12	3837	08	10.0	40	SN		3	C		192		K
	LEAR	09	0152	0205	0232	N10	E12	3837	08	10.0	40	1B		3	C		238		FEK
	PURP	09	0157	0207	0225	N09	E10	3837	08	9.8	28	SN			C	0207	84	.9	
	CULG	09	0204	0205	0220	N09	E10	3837	08	9.8	16	1B			C	0205	270	2.7	F
	MITK	09	0205E		0207D	N10	E10	3837	08	9.8	2D	SN			C	0207			E
0180		09	01589	0208*	0244	N15	E27	3839	08	11.1	46	SN	C 5.8				85	.9	EF
	LEAR	09	0158	0208	0255	N14	E28	3839	08	11.2	57	SB	C 5.8	3	C		93		FE
	PURP	09	0207	0220	0250	N15	E27	3839	08	11.1	43	SN			C	0220	70	.8	
	PEKG	09	0222E	0222	0228	N15	E27	3839	08	11.1	6D	SF			P	0222	92	1.0	E
0181		09	03012	0306	0326	S12	W70	3829	08	3.8	25	1N					110		F
	CULG	09	0301	0306	0319U	S12	W68	3829	08	4.0	18U	1N			C	0306	110		
	LEAR	09	0303	0306	0326	S11	W71	3829	08	3.8	23	SF		3	C				F
0182		09	0637*	06487	0728	N14	E23	3839	08	11.0	51	1B	M 2.0				331	3.4	EF
	LEAR	09	0637	0654	0808	N15	E23	3839	08	11.0	91	2B	M 2.0	3	C		518		FE
	KANZ	09	0642	0654	0730	N13	E21	3839	08	10.9	48	1B		1					
	BUCA	09	0645	0648	0742	N15	E24	3839	08	11.1	57	1N			C	0648	430	4.9	E
	MITK	09	0647	0649	0724D	N15	E25	3839	08	11.2	37D	1N			C	0649	210	2.4	E
	CULG	09	0647	0650	0712	N16	E24	3839	08	11.1	25	SB			C	0650	100	1.1	F
	ISTA	09	0650E		0709	N15	E21	3839	08	10.9	19D	1N							E
	ATHN	09	0650E	0651U	0707	N12	E24	3839	08	11.1	17D	SB		2	V	0651	127	1.5	
	PURP	09	0652	0655	0659D	N15	E25	3839	08	11.2	7D	2B			P	0655	503	5.8	
	KHAR	09	0706E		0758D	N14	E22	3839	08	10.9	52D	1N			P	0721	430	4.7	E
0183	LEAR	09	0651	0653	0657	S19	W26	3847	08	7.3	6	SF		3	C		29		
			09 1246		1247	No Flare Patrol													
0184		09	1255	12543	1310	N09	E15	3837	08	10.7	15	1N					180	2.4	E
	ATHN	09	1249E	1254	1302	N10	E15	3837	08	10.7	13D	SN		2	V	1254	159	1.7	
	LV0V	09	1255	1257	1318	N08	E15	3837	08	10.7	23	1F			C	1257	200	3.2	E
0185	HOLL	09	1514	1516	1536	S11	W15	3841	08	8.5	22	SF		3	C		55		F
0186	HOLL	09	1534	1535	1559	N16	E23	3839	08	11.4	25	SN	C 2.1	3	C		53		F

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						Region											Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)		
0187	HOLL	09	1544	1547	1604	N10	E05	3837	08	10.0	20	SF		3	C		39			
		09	1623		1626	No Flare Patrol														
0188	HOLL	09	1641	1644	1742D	S08	E51	3843	08	13.5	61D	SF		3	C		43			
0189	HOLL	09	1746	1746	1747D	N20	W15	3850	08	8.6	1D	1F		3	C		402		F	
0190	HOLL	09	1752	1823	1841	N13	E61	3845	08	14.3	49	SN		3	C		97		F	
		09	1935		2006	No Flare Patrol														
		09	2012		2018	No Flare Patrol														
		09	2028		2037	No Flare Patrol														
		09	2042		2051	No Flare Patrol														
0191		09	20586	21005	2121	S08	E24	3844	08	11.7	23	SN					34			
	PALE	09	2058	2100	2118	S08	E24	3844	08	11.7	20	SN		3	C		43			
	HOLL	09	2104	2105	2124	S08	E23	3844	08	11.6	20	SF		3	C		26			
0192	HOLL	09	2122	2123	2128	S10	W88	3829	08	3.3	6	SF		3	C					
0193		09	2127	2129	2150	S12	W19	3841	08	8.5	23	SN C 4.4					67		F	
	PALE	09	2127	2129	2149	S12	W19	3841	08	8.5	22	SN		3	C		72			
	HOLL	09	2127	2129	2151	S12	W19	3841	08	8.5	24	SN C 4.4	3	C		62		F		
0194		09	21273	21369	2224	N12	E02	3837	08	10.0	57	SB					116	.8	FJ	
	PALE	09	2127	2145	2248	N12	E03	3837	08	10.1	81	SB		3	C		153		F	
	CULG	09	2130	2136	2201	N11	E02	3837	08	10.0	31	SN			C	2136	80	.8	J	
0195		09	23101	2312	2320	N10	E00	3837	08	10.0	10	SB C 2.7					96	1.0		
	PALE	09	2310	2312	2323	N10	W00	3837	08	10.0	13	SB C 2.7	3	C		92				
	CULG	09	2311	2312	2318	N09	W00	3837	08	10.0	7	SB			C	2312	100	1.0		
0196		10	00073	00111	0020	N09	W01	3837	08	9.9	13	SB C 1.7					98	.8		
	CULG	10	0007	0011	0018	N09	W01	3837	08	9.9	11	SB			C	0011	80	.8		
	PALE	10	0010	0012	0022	N09	W01	3837	08	9.9	12	SB C 1.7	3	C		116				
0197	CULG	10	0010	0014	0023	N04	W10	3837	08	9.2	13	SF			C	0014	50	.5	F	
0198		10	0153*	0205*	0256	S07	E43	3843	08	13.3	63	1N C 5.0					158	2.3	EFJK	
	CULG	10	0153	0215	0249	S05	E43	3843	08	13.3	56	1B			C	0215	160	2.2	JFE	
	PALE	10	0159	0205	0254D	S08	E42	3843	08	13.2	55D	SN		3	C		48		K	
	PALE	10	0159	0220	0254D	S08	E42	3843	08	13.2	55D	1B		3	C		279		K	
	PURP	10	0209	0219U	0246	S07	E44	3843	08	13.4	37	1N			C	0219	161	2.4		
	LEAR	10	0212E	0230U	0312	S06	E45	3843	08	13.4	60D	SN C 5.0	3	C		145		F		
0199	PALE	10	0224	0225	0229	N14	E50	3845	08	13.9	5	SF		3	C		16			
0200	CULG	10	0257	0303	0309	S11	W64		08	5.3	12	SF			C	0303	40	.8		
0201	CULG	10	0307	0312	0318	N17	E52	3845	08	14.1	11	SF			C	0312	40	.6		
0202	CULG	10	0425	0425	0428	N08	W05	3837	08	9.8	3	SF			C	0425	70	.7	F	
0203		10	0438*	0518*	0617	N10	W04	3837	08	9.9	99	1B C 1.8					354	3.7	BEFJKU	
	LEAR	10	0438	0518	0619	N10	W05	3837	08	9.8	101	1B		2	C		282		K	
	LEAR	10	0438	0530U	0619	N10	W05	3837	08	9.8	101	1B C 1.8		2	C		346		FEK	
	PURP	10	0450	0533	0604D	N11	W03	3837	08	10.0	74D	2N			C	0533	517	5.4		
	PEKG	10	0502	0554E	0611	N11	W04	3837	08	9.9	69	1N			P	0554	218	2.3	F	
	CULG	10	0513	0530	0618	N10	W04	3837	08	9.9	65	1B			C	0530	440	4.4	JFE	
	MITK	10	0514	0529	0611	N11	W02	3837	08	10.1	57	1N			C	0529	320	3.3	E	
	TACH	10	0515	0524	0529D	N09	W05	3837	08	9.8	14D	1B			C	0524	380	3.9	E	
	YUNN	10	0518E	0535	0549D	N09	W03	3837	08	10.0	31D	1B			P		204	2.1	F	
	ABST	10	0525E	0535	0624	N10	W05	3837	08	9.8	59D	2B			P	0535	524	5.5	EJ	
	CATA	10	0530E	0535	0600D	N10	W04	3837	08	9.9	30D	1		2	P	0535	337	3.5		
	ISTA	10	0548E		0610	N09	W05	3837	08	9.9	22D	N							E	
	HTPR	10	0600E		0620	N06	W05	3837	08	9.9	20D	2B			C	0605	500	5.0	EU	
	BUCA	10	0600E		0625	N10	W04	3837	08	9.9	25D	SF			C	0602	183	1.9	B	

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Inp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	Remarks
0204	ABST	10	0536	0537	0544	N17	E51	3845	08	14.1	8	SF			C	0537	87	1.4	D
0205		10	0600E		0628	N01	W14		08	9.2	28D	SF					30	.3	E
	HTPR	10	0600E		0620	N01	W13		08	9.3	20D	SF			C	0610	30	.3	E
	HTPR	10	0600E		0635	N01	W16		08	9.0	35D	SF			C	0610	30	.3	
0206		10	07232	07262	0745	N09	W05	3837	08	9.9	22	SN	C 5.6				149	1.5	EFH
	HTPR	10	0723	0727	0743	N06	W06	3837	08	9.8	20	SN			C	0727	150	1.5	E
	ISTA	10	0724		0740	N09	W05	3837	08	9.9	16	SN							E
	LEAR	10	0724	0725U	0755	N10	W05	3837	08	9.9	31	SN	C 5.6	2	C		129		F
	ATHN	10	0725E	0726U	0731	N10	W05	3837	08	9.9	6D	SB		2	V	0726	127	1.3	
	PEKG	10	0725E	0726	0752	N10	W05	3837	08	9.9	27D	SF			P	0726	97	1.0	E
	KHAR	10	0725E	0726U	0753D	N10	W06	3837	08	9.8	28D	1N			P	0729	210	2.1	EH
	BUCA	10	0725	0728	0751	N10	W05	3837	08	9.9	26	SN			C	0728	183	1.9	
0207	ISTA	10	0738		0742	N05	W15	3837	08	9.2	4	SF							D
0208	HTPR	10	0803	0807	0810	N06	W06	3837	08	9.9	7	SF			C	0807	10	.1	
0209		10	0918	0937	1000	S10	E42	3853	08	13.5	42	SN					105	1.4	E
	HTPR	10	0918	0937	1000	S13	E41	3853	08	13.5	42	SB			C	0937	80	1.0	E
	KHAR	10	0926E	0945D	1002D	S08	E43	3853	08	13.6	36D	SF			P	0940	130	1.8	
0210		10	09265	09361	0956	N06	E02	3837	08	10.5	30	SF					20	.2	
	HTPR	10	0926	0937	0952	N05	W01	3837	08	10.3	26	SF			C	0937	20	.2	
	HTPR	10	0931	0936	0959	N06	E06	3837	08	10.8	28	SF			C	0936	20	.2	
0211	HTPR	10	0935	0938	0947	N12	E10	3839	08	11.1	12	SF			C	0938	20	.2	
0212		10	10273	10291	1045	N09	W06	3837	08	10.0	18	1B					211	2.2	E
	MONT	10	1027	1029	1040	N10	W05	3837	08	10.0	13	SB			C	1029	180		E
	HTPR	10	1027	1029	1050	N07	W07	3837	08	9.9	23	1B			C	1029	220	2.2	E
	KHAR	10	1027E	1039U	1055D	N09	W06	3837	08	10.0	28D	1N			P	1033	270	2.7	E
	CATA	10	1030	1030	1035D	N11	W06	3837	08	10.0	5D	1		2	P	1030	225	2.3	
	ATHN	10	1030E	1033U	1043D	N10	W07	3837	08	9.9	13D	SN		3	V	1033	159	1.7	
		10	1206		1209	No Flare Patrol													
		10	1211		1212	No Flare Patrol													
0213		10	1234	1235	1240	N09	E50	3845B	08	14.3	6	SF					24	.3	
	HTPR	10	1231E		1249D	N06	E50	3845B	08	14.3	18D	SF			C	1236	20	.3	
	RAMY	10	1234	1235	1240	N12	E49	3845B	08	14.2	6	SF		3	C		27		
0214		10	1324	1325	1339	N08	W09	3837	08	9.9	15	SN	C 5.5				147	1.6	EF
	HTPR	10	1324E		1334D	N05	W10	3837	08	9.8	10D	SN			C	1325	150	1.5	E
	LVOV	10	1324	1325	1339	N10	W09	3837	08	9.9	15	SF			C	1325	150	1.6	E
	HOLL	10	1325E	1325U	1424D	N09	W09	3837	08	9.9	59D	SN	C 5.5	3	C		140		F
0215		10	1333		1405	N02	W05		08	10.2	32	SF					90	.9	E
	HTPR	10	1333		1334D	N02	W05		08	10.2	1D	SF			C	1334	100	1.0	E
	HTPR	10	1346E		1405	N02	W05		08	10.2	19D	SF			C	1346	80	.8	E
0216		10	1334		1410	N06	W06	3837	08	10.1	36	SF					55	.6	E
	HTPR	10	1334		1334D	N06	W06	3837	08	10.1	36D	SF			C	1334	60	.6	E
	HTPR	10	1346E		1410	N06	W06	3837	08	10.1	24D	SF			C	1346	50	.5	E
0217		10	1447	1449	1452	N12	E46	3845	08	14.1	5	SN					72	.7	
	HTPR	10	1447	1449	1450	N10	E45	3845	08	14.0	3	SF			C	1449	50	.7	
	HOLL	10	1448E	1449U	1454	N15	E46	3845	08	14.1	6D	SN		3	C		93		
0218		10	15001	1501*	1621	N09	W11	3837	08	9.8	81	1B					262	2.5	EFKU
	RAMY	10	1500	1501	1621	N10	W12	3837	08	9.7	81	SB		3	C		104		K
	RAMY	10	1500	1541	1621	N10	W12	3837	08	9.7	81	1B		3	C		431		FEK
	HTPR	10	1501		1551D	N07	W09	3837	08	9.9	50D	1B			C	1534	250	2.5	EU
0219	RAMY	10	1513	1529	1540	N18	E50	3845	08	14.4	27	SF		3	C		37		
0220		10	18041	18171	1854	N10	W12	3837	08	9.8	50	1N					202	2.1	
	HOLL	10	1804	1818	1818D	N10	W12	3837	08	9.8	14D	1N		3	C		205		
	BIGB	10	1805	1817	1854	N10	W12	3837	08	9.8	49	1N		3	C	1817	200	2.1	

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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 Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	Remarks
0221	HOLL	10	2007	2011	2027	S08	E11	3844	08	11.7	20	SF		3	C		38		F
0222		10	2019*	2025*	2134	N09	W16	3837	08	9.6	75	SF					86	.8	FK
	HOLL	10	2019	2025	2137	N08	W16	3837	08	9.6	78	SF		2	C		25		K
	HOLL	10	2019	2108	2137	N08	W16	3837	08	9.6	78	SF		2	C		162		FK
	BIGB	10	2050	2105	2129	N12	W16	3837	08	9.7	39	SF		3	C	2105	70	.8	
0223	HOLL	10	2057E	2057U	2103	N14	E07	3839	08	11.4	6D	SF		2	C		20		
0224	HOLL	10	2105	2110	2129	S18	W50	3847	08	7.1	24	SF		2	C		34		
0225	HOLL	10	2128	2132	2150	S08	E10	3844	08	11.6	22	SF		3	C		35		
0226	HOLL	10	2220	2220	2229	S06	E31	3843	08	13.2	9	SF		3	C		27		
0227	HOLL	10	2253	2255	2313	N10	W15	3837	08	9.8	20	SF	C 3.0	3	C		58		F
0228		10	22551	22589	2348	N09	W05	3837	08	10.6	53	SN					82	.7	F
	HOLL	10	2255	2307	2346	N09	W04	3837	08	10.6	51	SN		3	C		107		F
	BIGB	10	2255	2307	2351	N09	W04	3837	08	10.6	56	SN		3	C	2307	90	.9	
	CULG	10	2256	2258	2303D	N09	W06	3837	08	10.5	7D	SF			P	2258	50	.5	
0229		10	23283	23321	2339	S08	E08	3844	08	11.6	11	SF					68	1.0	F
	CULG	10	2328	2332	2341	S07	E08	3844	08	11.6	13	SF			C	2332	100	1.0	
	HOLL	10	2331	2333	2337	S08	E07	3844	08	11.5	6	SF		3	C		36		F
0230		10	23502	23545	2431	S06	E32	3843	08	13.4	41	SN					92	1.2	F
	CULG	10	2350	2359	2430	S05	E34	3843	08	13.5	40	SN			C	2359	40	.5	F
	HOLL	10	2351	2357	2434	S07	E31	3843	08	13.3	43	SN		3	C		108		F
	LEAR	10	2352	2354	2429	S07	E32	3843	08	13.4	37	SF		3	C		68		F
	BIGB	10	2352	2357	2357D	S07	E31	3843	08	13.3	5D	SN		3	P	2357	150	1.8	
0231	HOLL	11	0022	0023	0103	N10	W15	3837	08	9.9	41	SF		3	C		63		F
0232	CULG	11	0157	0159	0207	N16	E39	3845	08	14.0	10	SF			C	0159	60	.7	
0233	LEAR	11	0451	0501	0516	N12	E01	3839	08	11.3	25	SF		3	C		44		
0234		11	0520*	05347	0559	N14	W00	3839	08	11.2	39	SF	C 2.0				113	1.3	EF
	LEAR	11	0520	0541	0603	N13	W00	3839	08	11.2	43	SF	C 2.0	3	C		95		F
	ABST	11	0532	0534	0555	N14	W01	3839	08	11.1	23	SF			C	0534	131	1.3	E
0235	ABST	11	0526	0527	0540	N07	W14	3837	08	10.2	14	SF			C	0527	87	.9	D
0236	CULG	11	0539	0541	0552	S20	E33	3855	08	13.7	13	SF			C	0541	30	.4	
0237		11	06125	06174	0638	N10	W15	3837	08	10.1	26	SN	C 2.0				82	.9	EF
	ABST	11	0612	0618	0632	N11	W15	3837	08	10.1	20	SN			C	0618	131	1.4	E
	CULG	11	0614	0619	0629	N10	W15	3837	08	10.1	15	SN			P	0619	40	.4	F
	BUCA	11	0616	0617	0705	N11	W16	3837	08	10.0	49	SN			C	0617	107	1.1	E
	LEAR	11	0617	0620	0634	N10	W14	3837	08	10.2	17	SN	C 2.0	3	C		71		F
	PURP	11	0620E	0621	0632	N10	W15	3837	08	10.1	12D	SN			P	0621	60	.6	E
0238		11	06405	0646	0656	N14	W04	3839	08	11.0	16	SN					34		F
	KANZ	11	0640	0646	0657	N14	W02	3839	08	11.1	17	SN		1					
	LEAR	11	0645	0646	0655	N14	W05	3839	08	10.9	10	SF		3	C		34		F
0239		11	07405	07444	0803	N15	E41	3845	08	14.4	23	1N	C 1.6				235	3.5	EFHU
	BUCA	11	0740	0744	0802	N15	E40	3845	08	14.3	22	1F			C	0744	215	2.9	
	MITK	11	0741	0746	0813	N14	E42	3845	08	14.5	32	1N			C	0746	180	2.6	E
	KANZ	11	0742	0746	0800	N16	E42	3845	08	14.5	18	SN		3					U
	WEND	11	0743	0746	0801	N16	E42	3845	08	14.5	18	1N			C	0746	180	2.6	
	LEAR	11	0743	0746	0816	N15	E41	3845	08	14.4	33	SF	C 1.6	3	C		176		F
	HTPR	11	0744	0748	0759	N15	E42	3845	08	14.5	15	1N			C	0748	300	4.0	E
	ISTA	11	0745		0755	N16	E41	3845	08	14.4	10	1N							E
	CATA	11	0745	0745	0805	N14	E41	3845	08	14.4	20	2		1	C	0745	394	5.4	
	MONT	11	0745	0747	0758	N15	E42	3845	08	14.5	13	SN			C	0747	200		
	KHAR	11	0748E		0803D	N16	E41	3845	08	14.4	15D	SF			V	0750			H

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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
0240		11	08094	08151	0825	N26	E20	3842B	08	12.9	16	SF					69	.8	EH
	HTPR	11	0809	0815	0824	N24	E20	3842B	08	12.9	15	SF			C	0815	50	.5	E
	KANZ	11	0812	0816	0824	N27	E18	3842B	08	12.7	12	SN		3					
	WEND	11	0813	0816	0828	N27	E22	3842B	08	13.0	15	SF			C	0816	56	.7	
	KHAR	11	0814E		0827D	N26	E18	3842B	08	12.7	13D	SF			P	0818	100	1.1	EH
0241		11	08244	08284	0846	S09	E03	3844	08	11.6	22	SF					73	.7	DE
	KANZ	11	0824	0828	0846	S08	E04	3844	08	11.6	22	SF		2					
	HTPR	11	0824	0832	0847	S12	E04	3844	08	11.6	23	SF			C	0832	100	1.0	E
	YUNN	11	0825	0830	0842	S08	E02	3844	08	11.5	17	SN			C		31	.3	D
	WEND	11	0828	0831	0851	S08	E03	3844	08	11.6	23	SF			C	0831	88	.9	
0242		11	08433	0849	0900	N16	E35	3845	08	14.0	17	SN					34		F
	KANZ	11	0843	0849	0855	N17	E36	3845	08	14.1	12	SF		3					
	LEAR	11	0846	0849	0904	N15	E34	3845	08	13.9	18	SN		3	C		34		F
0243		11	08444	08483	0904	N12	W07	3839	08	10.8	20	SN	C 3.5				109	.9	EF
	LEAR	11	0844	0848	0922D	N13	W06	3839	08	10.9	38D	1B	C 3.5	3	C		234		FE
	YUNN	11	0845	0848	0853	N13	W06	3839	08	10.9	8	SN			C		47	.5	
	ATHN	11	0845	0849	0908	N11	W03	3839	08	11.1	23	SB		1	V	0849	111	1.2	
	HTPR	11	0846	0848	0858	N10	W07	3839	08	10.8	12	SN			C	0848	100	1.0	E
	KHAR	11	0846E	0849U	0902D	N14	W06	3839	08	10.9	16D	SN			P	0853	140	1.4	E
	KANZ	11	0846	0849	0916	N14	W07	3839	08	10.8	30	SN		3					
	WEND	11	0846	0851	0904	N13	W08	3839	08	10.8	18	SN			C	0851	100	1.1	
	HTPR	11	0848	0849	0908	N08	W10	3839	08	10.6	20	SF			C	0849	30	.3	
0244	LEAR	11	0903	0903	0908	S20	W56	3847	08	7.1	5	SF		3	C		19		
0245		11	0937	09371	0946	S09	E27	3853	08	13.4	9	SF					20	.2	
	KANZ	11	0937	0937	0943	S06	E27	3853	08	13.4	6	SF		3					
	HTPR	11	0937	0938	0950	S12	E27	3853	08	13.4	13	SF			C	0938	20	.2	
0246		11	1017*	1030*	1055	S09	E26	3853	08	13.4	38	SN					60	.7	E
	HTPR	11	1017	1030	1112	S11	E27	3853	08	13.4	55	SF			C	1030	60	.7	E
	KAND	11	1039		1044	S10	E26	3853	08	13.4	5	SB			C				
	KANZ	11	1043	1046	1049	S06	E26	3853	08	13.4	6	SF		3					
0247		11	10364	10391	1048	S17	W42	3848	08	8.2	12	SN					79	1.2	EH
	KHAR	11	1035E	1040U	1053D	S16	W43	3848	08	8.2	18D	SB			P	1040	120	1.9	EH
	HTPR	11	1036	1039	1047	S20	W40	3848	08	8.4	11	SB			C	1039	50	.7	
	KANZ	11	1037	1040	1052	S16	W43	3848	08	8.2	15	SB		3					
	CATA	11	1040	1040	1045	S17	W41	3848	08	8.3	5	S		2	C	1040	68	1.0	
0248		11	10393	10432	1052	N09	W09	3839	08	10.8	13	SF					45	.4	E
	HTPR	11	1039	1043	1050	N10	W07	3839	08	10.9	11	SF			C	1043	60	.6	E
	HTPR	11	1042	1045	1055	N08	W11	3839	08	10.6	13	SF			C	1045	30	.3	E
0249		11	11345	11408	1213	N10	W04	3839	08	11.2	39	1B					192	2.4	E
	HTPR	11	1134	1140	1210	N07	W05	3839	08	11.1	36	SB			C	1140	70		E
	ATHN	11	1137	1142	1216	N11	W03	3839	08	11.2	39	SB		1	V	1142	149	1.6	
	KHAR	11	1138E	1141U	1224D	N11	W04	3839	08	11.2	46D	1N			P	1141	350	3.6	E
	KANZ	11	1139	1148	1214	N11	W04	3839	08	11.2	35	1N		3					
	CATA	11	1141E	1143	1150D	N12	W03	3839	08	11.3	9D	1		2	P	1143	197	2.0	
0250		11	1140	11412	1200	N09	W15	3837	08	10.4	20	SN					42	.4	
	HTPR	11	1140	1141	1200	N06	W14	3837	08	10.4	20	SN			C	1141	20	.2	
	KHAR	11	1141E		1221D	N11	W16	3837	08	10.3	40D	SF			P	1141	50	.5	
	CATA	11	1141E	1143	1150D	N11	W14	3837	08	10.4	9D	S		2	P	1143	56	.6	
0251		11	1255	1306	1319	N13	W10	3839	08	10.8	24	SF					34	.4	
	RAMY	11	1255	1306	1319	N13	W11	3839	08	10.7	24	SF		3	C		29		
	HTPR	11	1302E		1312D	N13	W08	3839	08	10.9	10D	SF			C	1306	40	.4	
0252		11	1302*	13116	1335	S20	W57	3847	08	7.2	33	SN					55	1.0	
	RAMY	11	1302	1317	1358	S18	W56	3847	08	7.3	56	SB		3	C		38		
	KANZ	11	1305	1311	1320	S21	W57	3847	08	7.2	15	SF		2					
	ATHN	11	1312	1317	1327	S19	W58	3847	08	7.1	15	SB		1	V	1317	98	1.0	
	HOLL	11	1318E	1318U	1336	S21	W58	3847	08	7.1	18D	SN		2	C		30		

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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
						Region	CMD	Lat									Apparent (10-6 Disk)	Corr (Sq Deg)		
0253		11	1329Z	1328Z	1353	N13	W09	3839	08	10.9	24	SN						37		FL
	HOLL	11	1323E	1328	1356	N13	W08	3839	08	10.9	33D	SN		3	C			53		F
	KANZ	11	1329		1405	N12	W09	3839	08	10.9	36	SF		2						L
	RAMY	11	1331	1331	1339	N13	W09	3839	08	10.9	8	SN		3	C			21		
0254		11	1439	1443	1452	N08	W14	3837	08	10.6	13	SF						42	.3	
	HTPR	11	1439E		1454	N05	W15	3837	08	10.5	15D	SF			C	1440		30	.3	
	HOLL	11	1439	1443	1451	N10	W13	3837	08	10.6	12	SF		3	C			53		
0255		11	1711*	1736	1848	N13	W12	3839	08	10.8	97	1F	C 2.4					277		EF
	RAMY	11	1711	1736	1848	N13	W13	3839	08	10.7	97	1F	C 2.4	3	C			419		FE
	HOLL	11	1729	1741U	1850D	N13	W11	3839	08	10.9	81D	SF		3	C			135		F
0256	HOLL	11	1925	1926	1954	N11	W63	3838	08	7.1	29	SF		3	C			31		
0257		11	2119Z	2121Z	2134	N10	W34	3837	08	9.3	15	SN						62	1.1	H
	BIGB	11	2119	2122	2132	N10	W34	3837	08	9.3	13	SN		3	C	2122		90	1.1	
	HOLL	11	2120	2121	2136	N10	W34	3837	08	9.3	16	SF		3	C			35		H
0258	HOLL	11	2141E	2141U	2157	S15	W48	3848	08	8.3	16D	SF		3	C			21		
0259		11	2152	2154U	2201	N10	W32	3837	08	9.5	9	SB						73	1.0	
	CULG	11	2152	2154U	2154D	N10	W34	3837	08	9.3	2D	SB			P	2154		90	1.0	
	HOLL	11	2154E	2154U	2201	N10	W31	3837	08	9.6	7D	SN		3	C			56		
0260	HOLL	11	2154	2157	2207	S17	W66	3840	08	6.9	13	SF		3	C			45		
0261		12	0140	0142	0148	N12	W20	3839	08	10.6	8	SN	C 1.9					67	.2	F
	CULG	12	0140	0142	0146	N11	W20	3839	08	10.6	6	SF			C	0142		20	.2	
	LEAR	12	0140	0142	0150	N12	W19	3839	08	10.6	10	SN	C 1.9	3	C			114		F
0262	LEAR	12	0256	0303	0320	S16	W51	3848	08	8.2	24	SF		3	C			19		F
0263		12	0257*	0303*	0324	N13	W14	3839	08	11.1	27	SF	C 1.9					63	.4	F
	LEAR	12	0257	0304	0328	N13	W13	3839	08	11.1	31	SN	C 1.9	3	C			119		
	CULG	12	0302	0303	0307	N12	W13	3839	08	11.1	5	SF			C	0303		40	.4	F
	CULG	12	0324	0329	0338	N13	W17	3839	08	10.8	14	SF			C	0329		30	.3	
0264		12	0349Z	0352Z	0411	S21	W65	3847	08	7.2	22	SN	C 6.9					123	1.9	DF
	CULG	12	0349	0353	0406	S21	W63	3847	08	7.3	17	SN			P	0353		80	1.9	
	LEAR	12	0351	0352	0415	S21	W66	3847	08	7.1	24	1N	C 6.9	3	C			114		F
	TACH	12	0351	0356	0411	S20	W66	3847	08	7.1	20	SN			C	0356		176		D
0265	LEAR	12	0425	0425	0430	N13	W17	3839	08	10.9	5	SF		3	C			34		F
0266	LEAR	12	0438	0442	0448	N09	W69	3838	08	7.0	10	SF	C 2.1	3	C			24		F
0267		12	0442Z	0446	0452	N08	W38	3837	08	9.3	10	SF						75	1.0	F
	LEAR	12	0442	0446	0452	N08	W38	3837	08	9.3	10	SF		3	C			70		F
	CULG	12	0443	0446U	0451	N08	W38	3837	08	9.3	8	SF			P	0446		80	1.0	F
0268		12	0447*	0503*	0552	N14	W13	3839	08	11.2	65	SN						171	2.6	EFIJK
	TACH	12	0447	0511	0600	N14	W12	3839	08	11.3	73	1N			C	0511		352	3.7	EIK
	LEAR	12	0502	0503	0524	N14	W10	3839	08	11.4	22	SF		3	C			46		F
	CULG	12	0535	0542	0551	N13	W15	3839	08	11.1	16	SN			C	0542		150	1.5	J
	LEAR	12	0536	0536	0611	N14	W14	3839	08	11.2	35	SF		3	C			137		F
0269	LEAR	12	0517	0519	0525	N10	W35	3837	08	9.6	8	SF		3	C			41		
0270	LEAR	12	0538	0551	0553	S20	W67	3847	08	7.1	15	SF	C 2.5	3	C			14		
0271		12	0602Z	0603Z	0612	N10	W39	3837	08	9.3	10	SN						32	.2	
	CULG	12	0602	0603	0613	N10	W39	3837	08	9.3	11	SN			C	0603		20	.2	
	LEAR	12	0604	0604	0612	N11	W39	3837	08	9.3	8	SF		3	C			44		
0272	KANZ	12	0652	0701	0716	S22	W68	3847	08	7.0	24	SF		2						
0273		12	0701Z	0706Z	0732	S13	E48	3856	08	15.9	31	SF						49	.8	F
	KANZ	12	0701	0708	0737	S13	E49	3856	08	16.0	36	SN		3						
	ISTA	12	0702		0734	S13	E48	3856	08	15.9	32	SF								
	CULG	12	0702	0707	0718D	S12	E47	3856	08	15.8	16D	SF			P	0707		40	.6	
	LEAR	12	0703	0712	0739	S14	E48	3856	08	15.9	36	SF		3	C			48		F
	HTPR	12	0704	0706	0733	S13	E48	3856	08	15.9	29	SF			C	0706		60	.9	
	WEND	12	0704	0708	0719	S14	E47	3856	08	15.8	15	SF			C	0708		44	.7	
	CATA	12	0705E	0710	0710D	S13	E48	3856	08	15.9	5D	S		2	P	0710		56	.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 Apparent (10-6 Disk)	Measurement Corr (Sq Deg)	Remarks
0274		12	08132	08181	0826	N09	W39	3837	08	9.4	13	SN	C 1.9				73	.7	EF
	KANZ	12	0813	0819	0826	N08	W39	3837	08	9.4	13	SN		3					
	LEAR	12	0814	0817U	0828	N08	W40	3837	08	9.3	14	SN	C 1.9	3	C		116		F
	WEND	12	0815	0818	0824	N10	W40	3837	08	9.3	9	SF			C	0818	44	.6	
	HTPR	12	0815	0818	0826	N10	W38	3837	08	9.5	11	SN			C	0818	60	.8	E
0275	LEAR	12	0901	0907	0914	S07	E11	3843	08	13.2	13	SF		3	C		25		F
0276		12	0928*	09458	1010	N15	W13	3839	08	11.4	42	SN					128	1.4	E
	KANZ	12	0928	0952	1016	N14	W14	3839	08	11.3	48	SN		3					
	HTPR	12	0931	0947	1007	N15	W13	3839	08	11.4	36	SN			C	0947	70	.7	E
	CATA	12	0935	0945	1015	N15	W14	3839	08	11.3	40	1		2	C	0945	197	2.1	
	WEND	12	0944	0952	0959	N15	W14	3839	08	11.3	15	SF			C	0952	100	1.1	E
	ATHN	12	0948	0953	1015	N16	W12	3839	08	11.5	27	SB		1	V	0953	143	1.5	
0277	KANZ	12	0937	0940	1028	N08	W40	3837	08	9.4	51	SN		3					
0278		12	1019*	1038*	1103	N15	W14	3839	08	11.4	44	SN					111	1.2	E
	HTPR	12	1019	1048	1058	N15	W14	3839	08	11.4	39	SF			C	1048	80	.8	E
	ATHN	12	1032	1038	1118	N16	W12	3839	08	11.5	46	SB		1	V	1038	127	1.4	
	KANZ	12	1035	1041	1058	N14	W15	3839	08	11.3	23	SN		3					
	WEND	12	1036	1042	1057	N16	W14	3839	08	11.4	21	SF			C	1042	125	1.4	E
0279		12	1046*	1047*	1120	N08	W28	3837	08	10.3	34	SN					54	.6	H
	HTPR	12	1046	1047	1118	N08	W25	3837	08	10.6	32	SF			C	1047	50	.5	
	KANZ	12	1046	1104	1125	N08	W26	3837	08	10.5	39	SN		3					
	WEND	12	1050E	1103	1118D	N08	W28	3837	08	10.3	28D	SN			C	1103	106	1.3	H
	CATA	12	1055	1100	1120	N09	W27	3837	08	10.4	25	S		2	C	1100	28	.3	
	CATA	12	1055	1100	1120	N06	W32	3837	08	10.0	25	S		2	C	1100	56	.7	
	HTPR	12	1101	1105	1119	N07	W30	3837	08	10.2	18	SF			C	1105	30	.3	
0280	HTPR	12	1111	1116	1147	N15	W14	3839	08	11.4	36	SF			C	1116	30	.3	E
0281	KANZ	12	1146	1152	1207	N13	W16	3839	08	11.3	21	SF		2					
0282		12	14252	14311	1458	S20	W70	3847	08	7.2	33	SN							
	KANZ	12	1425	1432	1458	S20	W71	3847	08	7.2	33	SN		3					
	RAMY	12	1427	1431	1457	S20	W70	3847	08	7.2	30	SN		3	C				
0283	KANZ	12	1510	1510	1525	S20	W71	3847	08	7.2	15	SN		2					
0284	WEND	12	1629	1647	1706D	N13	W75	3838	08	7.0	37D	1N			C	1647	200		
0285	HOLL	12	1659	1706	1720	S05	E08	3843	08	13.3	21	SF		3	C		40		
0286	HOLL	12	1708	1709	1732	N14	W21	3839	08	11.1	24	SN		3	C		38		F
0287	HOLL	12	1744	1744	1817	S10	W12	3844	08	11.8	33	SF		3	C		31		
0288	HOLL	12	1753	1757	1803	S12	E41	3856	08	15.8	10	SF		3	C		22		F
0289	HOLL	12	1950E	1958U	2010	N13	W24	3839	08	11.0	20D	SF	C 2.2	3	C		51		F
0290	HOLL	12	2023	2026U	2052	S07	E08	3843	08	13.4	29	SF		3	C		59		F
0291	HOLL	12	2027	2027	2030	S18	W72	3847	08	7.4	3	SF		3	C				
0292		12	2033	2036	2053	S23	E07	3855	08	13.4	20	SN					51	.8	F
	HOLL	12	2030E	2039U	2048	S22	E10	3855	08	13.6	18D	SF		3	C		22		F
	BIGB	12	2033	2036	2058	S24	E04	3855	08	13.2	25	SN		3	C	2036	80	.8	
0293	PALE	12	2246E	2246U	2301	N14	W21	3839	08	11.4	15D	SF		3	C		31		
0294	PALE	12	2251E	2255U	2301	S11	E36	3856	08	15.7	10D	SF		3	C		40		
0295	LEAR	12	2346	2346	2358	N13	W23	3839	08	11.2	12	SF		3	C		21		F
0296	LEAR	13	0020	0020	0028	S15	W80	3840	08	6.9	8	SF		3	C				

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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)	
0297		13	00505	0055	0101	N09	W38	3837	08	10.2	11	SN					88	1.3	F
	CULG	13	0050	0055	0100	N09	W37	3837	08	10.2	10	SN		C	0055		100	1.3	
	LEAR	13	0055	0055	0102	N09	W38	3837	08	10.2	7	SN		3	C		75		F
0298	LEAR	13	0112	0113	0118	N08	W38	3837	08	10.2	6	SF		3	C		25		F
0299	LEAR	13	0136	0142	0202	S12	E36	3856	08	15.8	26	SN	C 2.1	3	C		39		
0300	LEAR	13	0359	0401	0433	N11	W32	3839	08	10.7	34	SF		3	C		70		F
0301	LEAR	13	0404	0405	0432	S14	E33	3856	08	15.7	28	SF	C 2.0	3	C		45		
0302	LEAR	13	0408	0411	0450	S08	E05	3843	08	13.5	42	SF		3	C		49		
0303	LEAR	13	0448	0453	0501	S14	E32	3856	08	15.6	13	SF		3	C		30		
0304		13	05411	05491	0625	S07	E01	3843	08	13.3	44	SN	C 3.0				169	1.6	EF
	CULG	13	0541	0549	0620	S07	E03	3843	08	13.5	39	SB		C	0549		170	1.7	F
	LEAR	13	0542	0550	0631	S07	E01	3843	08	13.3	49	1B	C 3.0	3	C		283		FE
	CATA	13	0545E	0550	0620	S07	E01	3843	08	13.3	35D	S		2	P	0550	169	1.8	
	YUNN	13	0547E	0547U	0555D	S06	E02	3843	08	13.4	8D	SN		P	0547	47	.5	E	
	ABST	13	0548E	0548U	0551D	S09	E01	3843	08	13.3	3D	1N		P	0548	219	2.4	E	
	HTPR	13	0559E		0628	S07	W03	3843	08	13.0	29D	SN		C	0600	60	.6	E	
	ATHN	13	0600E	0600U	0628	S07	E01	3843	08	13.3	28D	1N		1	V	0600	239	2.5	
0305	LEAR	13	0558	0609	0620	N11	W49	3837	08	9.6	22	SF		3	C		28		
0306		13	0625*	0626*	0645	S13	E32	3856	08	15.7	20	SN					113	1.7	EFK
	KANZ	13	0625	0628	0641	S12	E33	3856	08	15.7	16	SN		3					
	LEAR	13	0626	0626	0638	S13	E32	3856	08	15.7	12	SF		3	C		49		F
	HTPR	13	0626	0633	0655	S13	E30	3856	08	15.5	29	SF		C	0633	160	1.8	E	
	ABST	13	0638	0641	0705D	S14	E33	3856	08	15.8	27D	SN		P	0641	131	1.6	EK	
0307		13	06381	06443	0658	S10	W19	3844	08	11.8	20	SN					83	1.3	EF
	KANZ	13	0638	0644	0659	S10	W18	3844	08	11.9	21	SN		3					
	LEAR	13	0639	0647	0658	S10	W19	3844	08	11.8	19	SF		3	C		35		F
	ABST	13	0641E	0642U	0650D	S11	W19	3844	08	11.8	9D	SN		P	0642	131	1.3	E	
0308	ABST	13	0641E	0642U	0650D	N09	W40	3837	08	10.3	9D	SF		P	0642	131	1.4	E	
0309		13	0715*	0735*	0800	S13	E31	3856	08	15.6	45	SN					138	1.6	E
	HTPR	13	0715	0735	0755	S13	E30	3856	08	15.6	40	SF		C	0735	150	1.7	E	
	KANZ	13	0729		0814	S12	E31	3856	08	15.6	45	SN		3					
	PEKG	13	0746	0748	0750	S13	E31	3856	08	15.7	4	SN		C	0748	126	1.6	E	
0310		13	0733*	0735*	0759	N09	W43	3837	08	10.1	26	SN	C 4.7				130	1.6	EFKL
	KAND	13	0733	0740	0756	N13	W43	3837	08	10.1	23	1B		C					
	CATA	13	0735	0735	0750	N09	W42	3837	08	10.2	15	S		2	C	0735	112	1.6	
	ATHN	13	0735	0739	0806	N09	W45	3837	08	9.9	31	1B		1	V	0739	159	2.3	
	KHAR	13	0737E	0746U	0800D	N09	W43	3837	08	10.1	23D	SN		V	0746				L
	HTPR	13	0738	0739	0755	N07	W43	3837	08	10.1	17	SF		C	0739	80	1.1	E	
	LEAR	13	0738	0742	0809	N08	W41	3837	08	10.2	31	1N		2	C		175		K
	WEND	13	0738	0747	0755	N08	W43	3837	08	10.1	17	SN		C	0747	100	1.4		
	LEAR	13	0738	0749	0809	N08	W41	3837	08	10.2	31	1B	C 4.7	2	C		207		FEK
	KANZ	13	0738	0750	0759	N08	W42	3837	08	10.2	21	SN		3					
	ISTA	13	0740		0751	N15	W42	3837	08	10.1	11	SF							
	PURP	13	0741E	0742	0757	N07	W43	3837	08	10.1	16D	SN		C	0742	91	1.3		
	PEKG	13	0747E	0748	0755	N09	W41	3837	08	10.2	8D	SN		P	0748	118	1.6	E	
	KANZ	13	0759	0759	0808	N11	W51	3837	08	9.5	9	SN		3					E
	0311		13	0741*	0823*	0847	S12	E31	3856	08	15.6	66	SN					85	1.1
PURP		13	0741	0842	0853	S13	E32	3856	08	15.7	72	1N		C	0742	168	2.2		
KANZ		13	0817	0826	0850	S12	E31	3856	08	15.7	33	SN		3					
LEAR		13	0820	0823	0836	S12	E32	3856	08	15.7	16	SN		2	C		68		F
WEND		13	0821	0825	0846	S12	E32	3856	08	15.7	25	SF		C	0825	81	1.0		
KAND		13	0822		0842	S14	E30	3856	08	15.6	20	SN		C					T
HTPR		13	0822	0830	0833	S13	E29	3856	08	15.5	11	SN		C	0830	100	1.1	E	
PEKG		13	0830	0831	0833	S12	E32	3856	08	15.8	3	SN		C	0831	63	.8	E	
YUNN		13	0840E	0840U	0920	S11	E33	3856	08	15.8	40D	SN		P	0840	31	.4	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	Obs See	Type	Time (UT)	Area Apparent (10-6 Disk)	Measurement Corr (Sq Deg)	Remarks
0312	LEAR	13	0748	0749	0755	N12	W25	3839	08	11.4	7	SF		2	C		33		
0313		13	08503	0852*	0932	N15	E14	3845	08	14.4	42	SF					32	.4	EFL
	WEND	13	0850	0859	0936	N17	E13	3845	08	14.3	46	SF			C	0859	19	.2	
	KANZ	13	0850	0905	0929	N16	E13	3845	08	14.3	39	SF		3					
	LEAR	13	0851	0852	0920D	N14	E14	3845	08	14.4	29D	SF		2	C		28		F
	PURP	13	0853	0905	0915D	N15	E15	3845	08	14.5	22D	SF			C	0905	49	.5	E
	KHAR	13	0903E		0930D	N16	E14	3845	08	14.4	27D	SF			V	0911			L
0314		13	09033	09094	0930	S13	E30	3856	08	15.6	27	SF					56	.8	EF
	LEAR	13	0903	0913	0920D	S13	E29	3856	08	15.6	17D	SF		2	C		37		F
	PURP	13	0905	0909	0915D	S13	E31	3856	08	15.7	10D	SN			C	0909	70	.9	E
	HTPR	13	0906	0912	0930	S13	E29	3856	08	15.6	24	SF			C	0912	60	.7	E
0315	KANZ	13	0911	0911	0920	N11	W51	3837	08	9.5	9	SF		3					
0316	KANZ	13	1151	1154	1209	S19	W79	3847	08	7.5	18	SN		3					
0317	HOLL	13	1308E	1325U	1412	S12	E28	3856	08	15.6	64D	SF		3	C		72		
0318	RAMY	13	1310	1316	1324	N09	W52	3837	08	9.6	14	SN		3	C		75		
0319	RAMY	13	1313	1315	1317	S19	W80	3847	08	7.4	4	SF		3	C				
0320		13	1331	13363	1353	N16	W23	3842	08	11.8	22	SF					191	1.4	EF
	HTPR	13	1331	1336	1338	N14	W22	3842	08	11.9	7	SN			C	1336	140	1.4	E
	HOLL	13	1331	1336U	1358	N18	W24	3842	08	11.7	27	SF		3	C		179		F
	RAMY	13	1331	1339	1402	N15	W24	3842	08	11.7	31	1F		3	C		253		
0321		13	13312	1340	1356	N14	W29	3839	08	11.4	25	1N					203	2.4	E
	HTPR	13	1331		1345D	N17	W28	3839	08	11.4	14D	SN			C	1336	120	1.4	E
	ATHN	13	1333	1340	1356	N12	W30	3839	08	11.3	23	1N		1	V	1340	286	3.4	
0322		13	1343	13444	1355	N12	W46	3837	08	10.1	12	SB C	3.4				104	1.4	
	HTPR	13	1343		1345D	N14	W47	3837	08	10.0	2D	SN			C	1344	40	.6	
	RAMY	13	1343	1344	1355	N12	W46	3837	08	10.1	12	SB C	3.4	3	C		91		
	ATHN	13	1343	1346	1358	N09	W45	3837	08	10.2	15	1B		1	V	1346	159	2.3	
	HOLL	13	1346E	1348	1352	N15	W47	3837	08	10.0	6D	SB		3	C		126		
		13	1436		1438	No Flare Patrol													
0323		13	15321	1535	1555	N10	W50	3837	08	9.9	23	SB C	4.1				153		E
	HOLL	13	1532	1535	1555	N10	W47	3837	08	10.1	23	SB C	4.1	3	C		147		E
	RAMY	13	1533	1535	1535D	N09	W53	3837	08	9.7	2D	SB		3	C		159		E
0324	HOLL	13	1602	1612	1643	N10	W48	3837	08	10.1	41	SF		3	C		35		F
0325		13	17352	1738*	1841	N11	W54	3837	08	9.7	66	1N C	1.1				123		EFK
	RAMY	13	1735	1738	1738D	N09	W54	3837	08	9.7	3D	1N		3	C		235		
	HOLL	13	1737	1740	1841	N12	W53	3837	08	9.7	64	1N		3	C		157		K
	HOLL	13	1737	1818	1841	N12	W53	3837	08	9.7	64	SB C	1.1	3	C		57		FEK
	PALE	13	1827E	1827U	1836D	N10	W56	3837	08	9.6	9D	SN		3	C		44		
0326	HOLL	13	1748	1751	1819	N15	W34	3839	08	11.2	31	SF		3	C		66		F
0327		13	2000*	20141	2031	N09	W51	3837	08	10.0	31	1N C	1.1				110	2.1	F
	HOLL	13	2000	2014	2033	N10	W53	3837	08	9.8	33	1N C	1.1	3	C		155		F
	BIGB	13	2005	2015	2040	N10	W53	3837	08	9.8	35	1N		3	C	2015	120	2.1	
	PALE	13	2012	2015	2021	N08	W48	3837	08	10.2	9	SF		3	C		55		
0328		13	21459	2146*	2215	N10	W52	3837	08	10.0	30	SN					75	1.6	J
	BIGB	13	2145	2146	2210D	N10	W53	3837	08	9.9	25D	1N		3	P	2146	120	2.1	
	PALE	13	2146	2146	2153D	N10	W53	3837	08	9.9	7D	SF		3	C		24		
	CULG	13	2154	2206	2215	N11	W51	3837	08	10.1	21	SN			C	2206	80	1.2	J
0329	PALE	13	2216	2216	2233	S07	W31	3844	08	11.6	17	SF		3	C		28		
0330	CULG	13	2237	2246	2251	S09	E25	3856	08	15.8	14	SF			C	2246	40	.4	K

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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	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0331		13	22574	23024	2322	N11	W59	3837	08	9.5	25	SN					80	2.1	E
	CULG	13	2257	2302	2318	N10	W58	3837	08	9.6	21	1B		C		2302	140	2.7	
	PEKG	13	2301	2306	2313	N13	W59	3837	08	9.5	12	SN		C		2306	76	1.5	E
	PALE	13	2312E	2326U	2334	N11	W60	3837	08	9.4	22D	SN	3	C			25		
0332	BIGB	13	2342	2343	2354	N15	W39	3839	08	11.0	12	SF		3	C	2343	60	.8	
0333		14	0011	00201	0036	N13	W38	3839	08	11.1	25	1F	C 2.4				108	2.1	F
	CULG	14	0011	0021	0037	N13	W38	3839	08	11.1	26	1F		C		0021	160	2.1	
	LEAR	14	0017E	0020	0035	N13	W37	3839	08	11.2	18D	SF	C 2.4	3	C		55		F
0334	LEAR	14	0017E	0019	0040	S06	W11	3843	08	13.2	23D	SF		3	C		69		F
0335	LEAR	14	0042	0042	0048	S11	E24	3856	08	15.8	6	SF		3	C		21		F
0336	LEAR	14	0047	0048	0056	N13	W40	3839	08	11.0	9	SN		3	C		33		F
0337	PALE	14	0132	0136	0145	N14	W36	3839	08	11.3	13	SF		3	C		47		
0338	LEAR	14	0143	0149	0200	S05	E79	3858	08	20.0	17	SF		3	C				
0339	LEAR	14	0148	0154	0216	N11	W59	3837	08	9.6	28	SF		3	C		21		
0340		14	02373	02443	0310	N11	W60	3837	08	9.6	33	SB	M 1.2				100	1.4	EF
	CULG	14	0237	0243U	0315D	N10	W59	3837	08	9.7	38D	1B		P		0243	120	2.3	FE
	LEAR	14	0237	0247	0315	N11	W60	3837	08	9.6	38	1B	M 1.2	3	C		159		FE
	PURP	14	0240	0244	0244D	N12	W63	3837	08	9.4	4D	SN		P		0244	35	.8	
	YUNN	14	0240	0246	0249D	N12	W60	3837	08	9.6	9D	SB		P			47	1.0	
	PALE	14	0245E	0246U	0306	N10	W61	3837	08	9.5	21D	SB		3	C		140		FE
0341	PALE	14	0319	0321	0322	S02	E74	3858	08	19.7	3	SF		3	C				
0342		14	03572	04024	0417	N08	W55	3837	08	10.0	20	1B	M 2.1				172	2.0	EF
	CULG	14	0357	0402	0413	N08	W54	3837	08	10.1	16	1B		C		0402	160	2.7	FE
	LEAR	14	0358	0405	0425	N09	W55	3837	08	10.0	27	1B	M 2.1	3	C		275		FE
	PALE	14	0359	0406	0414D	N07	W55	3837	08	10.0	15D	1B		3	C		172		
	YUNN	14	0405E	0405U	0413	N09	W56	3837	08	10.0	8D	SB		P		0405	79	1.4	F
0343	CULG	14	0500	0502	0510	S08	W34	3844	08	11.6	10	SF			C	0502	60	.7	F
0344		14	05061	05072	0525	N11	W63	3837	08	9.5	19	1B					214	3.9	EFKV
	CULG	14	0506	0509	0524	N11	W61	3837	08	9.6	18	1B		C		0509	180	3.6	VFE
	ABST	14	0507E	0507	0525	N12	W68	3837	08	9.1	18D	1B		P		0507	174		EK
	LEAR	14	0507	0508	0525	N11	W62	3837	08	9.5	18	1B		3	C		280		E
	MANI	14	0508E	0508U	0525D	N11	W61	3837	08	9.6	17D	1N		V			220	4.2	F
0345		14	05291	0531	0536	S08	W44	3844	08	10.9	7	SN					84	1.0	DV
	CULG	14	0529	0531	0536	S09	W42	3844	08	11.1	7	SN		C		0531	80	1.1	
	ABST	14	0530	0531	0535	S06	W45	3844	08	10.9	5	SN		C		0531	87	1.0	DV
0346	ABST	14	0552	0553	0600	S11	E20	3856	08	15.7	8	SF			C	0553	131	1.5	E
0347		14	05558	05596	0615	N11	W45	3839	08	10.9	20	SF	C 2.2				101	1.5	EFK
	ABST	14	0555	0559	0620	N12	W45	3839	08	10.8	25	1N		C		0559	261	3.6	EK
	CULG	14	0556	0559	0606	N11	W44	3839	08	10.9	10	SF		C		0559	40	.5	F
	PEKG	14	0600E	0601	0610	N12	W47	3839	08	10.7	10D	SF		P		0601	84	1.2	E
	LEAR	14	0601	0603	0624	N11	W46	3839	08	10.8	23	SN	C 2.2	3	C		67		F
	PURP	14	0603	0605	0614	N11	W46	3839	08	10.8	11	SF		C		0605	56	.8	
0348	ABST	14	0620	0623	0632	S04	E75	3858	08	19.9	12	1N			C	0623	87	3.6	D
0349		14	06252	06271	0631	N17	W07	3845	08	13.7	6	SN					59	.6	DV
	CULG	14	0625	0627U	0631	N18	W07	3845	08	13.7	6	SN		P		0627	60	.6	
	ABST	14	0626	0627	0630	N17	W06	3845	08	13.8	4	SN		C		0627	87	.9	DV
	HTPR	14	0627	0628	0631	N17	W07	3845	08	13.7	4	SF		C		0628	30	.3	
0350		14	07057	0707*	0724	N14	W44	3839	08	11.0	19	SN					82	1.2	E
	ABST	14	0705	0707	0725	N15	W44	3839	08	11.0	20	1N		C		0707	174	2.5	E
	HTPR	14	0705	0709	0723	N15	W42	3839	08	11.1	18	SF		C		0709	30	.4	
	KANZ	14	0708	0717	0729	N12	W46	3839	08	10.8	21	SN							
	PURP	14	0712	0714	0720	N14	W42	3839	08	11.1	8	SF		2	C	0714	42	.6	

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0351	KHAR	14	0727E		0820D	N10	W53	3837	08	10.3	53D	SF			V	0732			EL
0352		14	0735	0741	0753	S13	E18	3856	08	15.7	18	SN							DL
	KANZ	14	0735	0741	0753	S12	E19	3856	08	15.7	18	SN		3					
	KHAR	14	0745E		0759D	S14	E16	3856	08	15.5	14D	SF			V	0750			DL
0353	KHAR	14	0757E		0807D	N17	W40	3839	08	11.3	10D	SF			V	0758			DL
0354		14	08023	08073	0824	S05	E74	3858	08	19.9	22	SF					76		EF
	KANZ	14	0802	0808	0826	S04	E73	3858	08	19.8	24	SF		3					
	LEAR	14	0805	0807	0822	S05	E74	3858	08	19.9	17	SN		3	C				F
	PEKG	14	0805E	0810	0825	S06	E74	3858	08	19.9	20D	SF			P	0810	76		E
	KHAR	14	0807E		0823D	S06	E74	3858	08	19.9	16D	SF			V	0808			E
0355	KHAR	14	0824E		0837D	S14	E16	3856A	08	15.5	13D	SF			V	0828			DL
0356		14	0844	08473	0858	N09	W58	3837	08	10.0	14	SF					16		
	KANZ	14	0844	0847	0853	N09	W52	3837	08	10.5	9	SF		3					
	LEAR	14	0844	0850	0902	N09	W64	3837	08	9.6	18	SF		3	C		16		
0357	PEKG	14	0904	0908	0918	S06	E74	3858	08	19.9	14	SF			C	0908	88		E
0358	KHAR	14	0913E		0918D	S14	E16	3856A	08	15.6	5D	SF			V				DL
0359		14	0941	0944	0956	N07	W67	3837	08	9.4	15	SN					20	.5	E
	KHAR	14	0940E	0941U	0952D	N07	W69	3837	08	9.2	12D	SN			V	0950			E
	HTPR	14	0941	0944	0952	N08	W66	3837	08	9.4	11	SF			C	0944	20	.5	
	KANZ	14	0941	0944	0959	N07	W67	3837	08	9.4	18	SN		3					
0360	HTPR	14	1030	1037	1055	S14	E13	3856A	08	15.4	25	SF			C	1037	30	.3	
0361	KHAR	14	1120E		1127D	S14	E16	3856A	08	15.7	7D	SF			V				DL
0362		14	11504	11555	1206	N10	W52	3837	08	10.6	16	SF					40	.6	E
	KHAR	14	1150E		1203D	N10	W53	3837	08	10.5	13D	SF			V				E
	HTPR	14	1150	1155	1207	N10	W50	3837	08	10.7	17	SF			C	1155	40	.6	E
	KANZ	14	1154	1200	1206	N10	W52	3837	08	10.6	12	SF		2					
0363	KHAR	14	1150E		1203D	S15	E14	3856A	08	15.5	13D	SF			V				EL
0364		14	1237	12382	1251	N14	W44	3839	08	11.2	14	SN					30	.4	E
	HTPR	14	1237	1240	1251	N15	W43	3839	08	11.3	14	SF			C	1240	30	.4	E
	KANZ	14	1238E	1238	1247D	N14	W44	3839	08	11.2	9D	SN		2					
0365	HTPR	14	1318	1321	1342	S10	W41	3844	08	11.5	24	SF			C	1321	20	.3	E
0366		14	1347	1423U	1449	S13	E13	3856	08	15.5	62	SF					46	.3	F
	HTPR	14	1347		1401D	S13	E14	3856	08	15.6	14D	SF			C	1351	30	.3	
	HOLL	14	1421E	1423U	1449	S13	E12	3856	08	15.5	28D	SF		3	C		63		F
0367		14	15121	1513	1520	N14	W48	3839	08	11.0	8	SN	C 1.4				44		F
	RAMY	14	1512	1513	1522	N14	W47	3839	08	11.1	10	SN		3	C		64		
	HOLL	14	1513	1513	1518	N14	W50	3839	08	10.8	5	SF	C 1.4	3	C		24		F
0368	HOLL	14	1525	1541	1542	S12	E13	3856	08	15.6	17	SN		3	C		24		F
0369	HOLL	14	1551	1552	1603	S06	E67	3858	08	19.7	12	SF		3	C		12		F
0370		14	1625*	1627*	1646	S06	E67	3858	08	19.7	21	SF					15		F
	HOLL	14	1625	1627	1632	S06	E67	3858	08	19.7	7	SF		3	C		12		F
	HOLL	14	1636	1654	1700	S05	E67	3858	08	19.7	24	SF		3	C		18		
0371		14	17202	1722	1747	S04	E62	3858	08	19.3	27	SN					47		
	HOLL	14	1720	1722	1751	S06	E65	3858	08	19.6	31	SN		3	C		60		
	RAMY	14	1722	1722	1743	S03	E59	3858	08	19.1	21	SN		3	C		34		
0372	HOLL	14	1734	1740	1800	S11	E11	3856	08	15.5	26	SF		3	C		41		

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						Lat	CMD	Region									Apparent (10-6 Disk)	Corr (Sq Deg)		
0373	HOLL	14	1743	1744	1752	N16	W45	3839	08	11.3	9	SF		3	C			28		F
0374	HOLL	14	1803	1803	1823	S11	E11	3856	08	15.6	20	SF		3	C			27		
0375	RAMY	14	1824	1826	1835	S04	E67	3858	08	19.8	11	SF		3	C			22		
0376		14	18525	1900	1905	N10	W72	3837	08	9.4	13	SF						30		
	PALE	14	1852	1900U	1903D	N11	W72	3837	08	9.4	11D	SF		3	C		29			
	RAMY	14	1857	1900	1905	N10	W72	3837	08	9.4	8	SF		3	C		32			
0377		14	1904	19052	1941	S04	E66	3858	08	19.7	37	SN						30		FK
	RAMY	14	1904	1907	1911D	S03	E67	3858	08	19.8	7D	SN		3	C		24			
	PALE	14	1905E	1905	1941	S04	E65	3858	08	19.6	36D	SN		3	C		39		K	
	PALE	14	1905E	1937U	1941	S04	E65	3858	08	19.6	36D	SN		3	C		28		FK	
0378	HOLL	14	1910	1921	1928	N15	W08	3845C	08	14.2	18	SF	C 1.3	3	C			39		
0379	PALE	14	1929E	1931U	1959	S11	W14	3853	08	13.7	30D	SF		3	C			97		
0380		14	2008	2010	2024	N13	W55	3839	08	10.7	16	SF						68	1.3	F
	HOLL	14	2004E	2010U	2025	N13	W55	3839	08	10.7	21D	SF		3	C		65		F	
	BIGB	14	2008	2010	2023	N13	W55	3839	08	10.7	15	SF		3	C	2010	70	1.3		
0381		14	20425	2044*	2120	S05	E65	3858	08	19.7	38	SF						49		F
	BIGB	14	2042	2044	2116	S05	E65	3858	08	19.7	34	SF		3	C	2044	70			
	HOLL	14	2047	2104	2124	S05	E65	3858	08	19.7	37	SF		3	C		28		F	
0382	HOLL	14	2128	2130	2137	N15	W50	3839	08	11.1	9	SF		3	C			27		
0383	HOLL	14	2204	2207	2217	N13	W53	3839	08	10.9	13	SF		3	C			53		
0384	BIGB	14	2306	2314	2330	N10	W76	3837	08	9.2	24	1N		3	C	2314		90		
0385	PALE	14	2310	2310	2317	S11	W17	3853	08	13.7	7	SF	C 2.0	3	C			20		
0386		14	23334	23403	2402	N10	W72	3837	08	9.6	29	1N	C 3.2					134		F
	PALE	14	2333	2340	2403	N12	W74	3837	08	9.4	30	1N	C 3.2	3	C				F	
	BIGB	14	2335	2340	2403	N12	W74	3837	08	9.4	28	1N		3	C	2340	130			
	LEAR	14	2336E	2342	2401	N05	W70	3837	08	9.7	25D	1N		3	C		121		F	
	HOLL	14	2336	2343	2403	N12	W73	3837	08	9.5	27	1N		3	C				F	
	CULG	14	2337	2339U	2356D	N10	W70	3837	08	9.7	19D	1N			P	2339	150		F	
0387	PALE	14	2357	2359	2403	N15	W48	3839	08	11.4	6	SF		3	C			66		F
0388		15	0020*	00287	0053	N12	W73	3837	08	9.5	33	SF						98		
	PALE	15	0020	0028	0055	N11	W74	3837	08	9.4	35	SF		3	C					
	LEAR	15	0023	0032	0049	N11	W74	3837	08	9.4	26	SF		3	C					
	HOLL	15	0024	0032	0052D	N12	W74	3837	08	9.4	28D	SF		3	C					
	PURP	15	0028	0033	0103	N12	W74	3837	08	9.4	35	SF			C	0033	70			
	YUNN	15	0030	0035	0045	N13	W71	3837	08	9.7	15	1N			C		126			
0389	PALE	15	0035	0037	0039	S02	E62	3858	08	19.6	4	SF		3	C			63		
0390	LEAR	15	0106	0107	0116	S07	W46	3844	08	11.6	10	SF		3	C			39		F
0391		15	0216*	0220*	0311	N07	W07	3861	08	14.6	55	SN	C 2.5					102	1.4	EFHK
	LEAR	15	0216	0223	0324	N07	W07	3861	08	14.6	68	SF		3	C		50		K	
	LEAR	15	0216	0258	0324	N07	W07	3861	08	14.6	68	SN		3	C		165		FHK	
	PALE	15	0220	0220	0236	N08	W07	3861	08	14.6	16	SF		3	C		29		FH	
	PALE	15	0238	0238	0242	N07	W06	3861	08	14.7	4	SF		3	C		34			
	PALE	15	0247E	0300U	0300D	N07	W06	3861	08	14.7	13D	SN	C 2.5	3	C		110		F	
	CULG	15	0250	0300	0331	N08	W08	3861	08	14.5	41	1N			C	0300	220	2.2	F	
	YUNN	15	0257	0311	0320	N08	W09	3861	08	14.4	23	SN			C		47	.5	E	
	PURP	15	0258E	0258	0319	N07	W07	3861	08	14.6	21D	SF			C	0258	147	1.5		
	PEKG	15	0258	0300	0320D	N09	W07	3861	08	14.6	22D	SN			P	0300	118	1.2	E	
0392	LEAR	15	0302	0302	0309	S12	E08	3856	08	15.7	7	SF		3	C			43		

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0393	LEAR	15	0321	0325	0402	S08	W49	3844	08	11.5	41	SF		3	C		67		F
0394	CULG	15	0454	0457	0516	S15	E08	3856A	08	15.8	22	SF			C	0457	20	.2	
0395	LEAR	15	0520	0521	0533	N16	W12	3845	08	14.3	13	SF		3	C		38		F
0396		15	0631*	0640*	0703	N12	W78	3837	08	9.4	32	1N	C 2.3				116		EHU
	ABST	15	0631	0640	0700	N15	W80	3837	08	9.2	29	1N			C	0640	131		E
	CATA	15	0635	0650	0700	N11	W78	3837	08	9.4	25	1		2	C	0650	112		
	YUNN	15	0640	0645	0645D	N13	W74	3837	08	9.7	5D	SN			P		31		
	CULG	15	0641	0643U	0659D	N10	W78	3837	08	9.4	18D	1N			P	0643	80		
	LEAR	15	0641	0646	0704	N13	W77	3837	08	9.5	23	SF	C 2.3	3	C				
	PURP	15	0641	0649	0712	N12	W79	3837	08	9.3	31	1N			C	0649	168		H
	BUCA	15	0646E		0702	N10	W80	3837	08	9.3	16D	1N			C	0655	172		U
0397	WEND	15	0640	0654	0701	N12	W09	3864	08	14.6	21	1N			C	0654	106		
0398	KANZ	15	0826	0834	0840	S13	E03	3856	08	15.6	14	SF		2					
0399	KANZ	15	0843	0846	0849	S04	E56	3858	08	19.5	6	SF		2					
0400	KANZ	15	0907	0910	0919	N07	W11	3861	08	14.5	12	SF		3					
0401		15	1335*	1335*	1409	S12	E00	3856	08	15.6	34	SN	C 1.9				64	1.0	DL
	RAMY	15	1335	1335	1339	S12	E02	3856	08	15.7	4	SF		3	C		27		
	RAMY	15	1335	1411	1427	S12	E01	3856	08	15.6	52	SN	C 1.9	3	C		27		
	LVOV	15	1347	1353	1415	S13	W03	3856	08	15.3	28	SF			C	1353	150	1.5	D
	KANZ	15	1349	1358	1413	S12	E01	3856	08	15.6	24	SN		3					L
	WEND	15	1350	1400	1414	S12	E01	3856	08	15.6	24	SN			C	1400	50	.5	
0402	RAMY	15	1432	1443	1519	S12	E01	3856	08	15.7	47	SF		3	C		62		
0403		15	15403	1544*	1600	S12	E00	3856	08	15.6	20	SN	C 2.0				59		FK
	RAMY	15	1540	1544	1600	S12	E01	3856	08	15.7	20	SF	C 2.0	3	C		80		K
	KANZ	15	1540	1555	1601	S12	W00	3856	08	15.6	21	SN		3					
	RAMY	15	1540	1556	1600	S12	E01	3856	08	15.7	20	SF		3	C		67		K
	HOLL	15	1543	1554	1600	S12	W00	3856	08	15.6	17	SN		3	C		31		F
		15	1608		1622	No Flare Patrol													
0404	HOLL	15	1611	1613	1628	S05	E57	3858	08	19.9	17	SN		3	C		20		F
0405	HOLL	15	1716	1736	1803	N15	W18	3845C	08	14.3	47	SF	C 1.3	3	C		64		
0406	HOLL	15	1819	1820	1825	N16	W21	3845	08	14.2	6	SF		3	C		23		F
0407		15	2031*	2042*	2142	S12	W04	3856	08	15.5	71	SN	C 1.2				45		FK
	RAMY	15	2031	2042	2145	S12	W03	3856	08	15.6	74	SN	C 1.2	3	C		33		FK
	RAMY	15	2031	2132	2145	S12	W03	3856	08	15.6	74	SN		3	C		73		K
	HOLL	15	2119	2132	2137	S12	W05	3856	08	15.5	18	SN		3	C		30		F
0408	HOLL	15	2214	2214	2221	S11	W05	3856	08	15.5	7	SN		3	C		23		F
0409	BIGB	15	2217	2220	2300	N09	W85	3837	08	9.5	43	SF		3	C	2220	70		
0410	HOLL	15	2240	2241	2249	S04	W36	3843	08	13.2	9	SF		3	C		20		
0411		15	2243	2256	2315	S12	W06	3856	08	15.5	32	1B					180	3.3	BEFJ
	HOLL	15	2243	2256	2315	S12	W06	3856	08	15.5	32	SN		3	C		60		F
	CULG	15	2303E	2303U	2338U	S12	W05	3856	08	15.6	35U	1B			P	2303	300	3.3	FEJB
0412	HOLL	15	2249	2306	2333	N13	W61	3839	08	11.3	44	SF		3	C		15		
0413	HOLL	15	2327	2327	2424	S12	W07	3856	08	15.4	57	SN	C 2.0	3	C		52		F
0414		16	00191	0023	0034	S08	W61	3844	08	11.4	15	SF					62		F
	HOLL	16	0019	0023	0036	S07	W61	3844	08	11.4	17	SF		3	C		77		F
	LEAR	16	0020	0023	0031	S08	W61	3844	08	11.4	11	SF		3	C		48		

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						Lat	CMD	Region								Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0415	LEAR	16	0203	0204	0220	N13	W68	3839	08	10.9	17	SN	C 4.4	3	C		85		F
0416	CULG	16	0328	0331	0332D	S12	W09	3856	08	15.5	4D	SN			P	0331	60	.7	
0417		16	0407*	0456	0525	S12	W08	3856	08	15.6	78	1N	C 1.8				148	2.6	EFJK
	ABST	16	0407	0456	0530	S12	W09	3856	08	15.5	83	1N			C	0456	244	2.6	EJK
	LEAR	16	0448	0456	0520	S11	W08	3856	08	15.6	32	SN	C 1.8	3	C		52		F
0418	ABST	16	0650	0654	0706D	S13	W04	3856	08	16.0	16D	SF			P	0654	79	.8	D
0419	KANZ	16	0746	0749	0754	N15	W32	3845	08	13.9	8	SF		3					G
0420	KANZ	16	0844	0856	0915	S12	W11	3856	08	15.5	31	SN		3					
0421		16	0919	0927	0939	N08	W26	3861	08	14.4	20	SN							
	KANZ	16	0919	0927	0939	N07	W25	3861	08	14.5	20	SN		2					
	KHAR	16	0925E		0938D	N08	W27	3861	08	14.4	13D	SF			V	0925			
0422		16	1018	1034	1038	S12	W12	3856	08	15.5	20	SF					65	.7	D
	KANZ	16	1018	1034	1038	S12	W11	3856	08	15.6	20	SF		3					
	KHAR	16	1040E	1042U	1058D	S12	W12	3856	08	15.5	18D	SF			P	1042	65	.7	D
0423	KHAR	16	1113E		1116D	S13	W15	3856	08	15.3	3D	SF			P	1115	35	.4	D
0424		16	11351	11406	1202	N16	W37	3845	08	13.7	27	SN					73	1.0	
	CATA	16	1135	1140	1145D	N16	W37	3845	08	13.7	10D	S		1	P	1140	56	.7	
	KHAR	16	1136E	1138U	1203D	N16	W38	3845	08	13.6	27D	SF			P	1138	90	1.2	
	KANZ	16	1136	1146	1202	N16	W37	3845	08	13.7	26	SN		3					
0425	KHAR	16	1143E		1146D	S11	W08	3856	08	15.9	3D	SF			P	1145	40	.4	D
		16	1401		1519	No Flare Patrol													
0426		16	16111	16134	1631	N08	W29	3861	08	14.5	20	SN					59	1.1	
	HOLL	16	1611	1613	1628	N09	W30	3861	08	14.4	17	SN		3	C		48		
	RAMY	16	1612	1616	1624	N07	W29	3861	08	14.5	12	SN		3	C		40		
	BIGB	16	1612	1617	1640	N07	W29	3861	08	14.5	28	SN		3	C	1617	90	1.1	
0427		16	17531	17542	1803	N07	W30	3861	08	14.5	10	SN	C 2.2				41	.7	
	HOLL	16	1753	1754	1801	N08	W30	3861	08	14.5	8	SN	C 2.2	3	C		41		
	BIGB	16	1754	1754	1810	N08	W30	3861	08	14.5	16	SN		3	C	1754	60	.7	
	RAMY	16	1754	1756	1759	N06	W29	3861	08	14.6	5	SN		3	C		23		
0428		16	18381	1841	1946	N07	W27	3861	08	14.7	68	SN	C 2.1				104	2.1	F
	BIGB	16	1838	1841	1922	N07	W27	3861	08	14.7	44	1N		3	C	1841	180	2.1	
	RAMY	16	1838	1841	2056	N07	W27	3861	08	14.7	138	SN	C 2.1	3	C		68		
	HOLL	16	1839	1841	1901	N08	W28	3861	08	14.7	22	SF		3	C		64		F
0429		16	18433	1848	1858	S12	W17	3856	08	15.5	15	SN					64	1.1	
	BIGB	16	1843	1848	1900	S12	W17	3856	08	15.5	17	SN		3	C	1848	100	1.1	
	RAMY	16	1846	1848	1857	S12	W17	3856	08	15.5	11	SF		3	C		27		
0430	BIGB	16	1937	2010	2223	S05	W22	3856	08	15.2	166	SN		3	C	2010	140	1.6	
0431	VORO	16	2059E	2116	2147D	S13	W19	3856	08	15.4	48D	1F			C	2116	394	4.5	EJ
0432	CULG	16	2207	2210	2215	S19	W23	3856A	08	15.2	8	SN			C	2210	100	1.2	
0433	CULG	16	2343U	2345	2352	S12	W20	3856	08	15.5	9U	SN			P	2345	60	.6	
0434	CULG	17	0018	0023	0026	S10	W14	3856	08	16.0	8	SF			C	0023	30	.3	
0435		17	00371	00391	0046	N06	W34	3861	08	14.5	9	SN	C 2.3				49	.4	
	CULG	17	0037	0039	0045	N06	W35	3861	08	14.4	8	SN			C	0039	40	.4	
	LEAR	17	0038	0040	0047	N07	W34	3861	08	14.5	9	SN	C 2.3	3	C		58		
0436	CULG	17	0052	0054	0055D	S10	W15	3856	08	15.9	3D	SF			P	0054	30	.3	

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0437	17	01531	0155	0205	N07	W36	3861	08	14.4	12	SN						58	.8	E
	PURP	17	0153	0155	0157	N07	W36	3861	08	14.4	4	SN				0155	63	1.0	
	PEKG	17	0153	0155	0215	N08	W36	3861	08	14.4	22	SN				0155	46	.6	E
	LEAR	17	0154	0155	0203	N07	W35	3861	08	14.4	9	SN		3	C		64		
0438	ABST	17	0543	0545	0606	S09	W46	3855B	08	13.8	23	1F			C	0545	157	2.5	E
0439	17	0602	0607	0622	S10	W24	3856	08	15.4	20	SF						58	1.0	D
	LEAR	17	0602	0607	0623	S11	W24	3856	08	15.4	21	SF		3	C		28		
	ABST	17	0609E	0610U	0620	S10	W25	3856	08	15.4	11D	SF			P	0610	87	1.0	D
0440	ABST	17	0653	0657U	0704D	N14	E01	3859	08	17.4	11D	SF			P	0657	87	.9	DG
0441	17	0654	0657	0714	N14	W38	3864	08	14.4	20	1N						104	1.4	E
	ABST	17	0654	0657	0702D	N14	W37	3864	08	14.5	8D	1N			P	0657	166	2.2	E
	PEKG	17	0705E	0705E	0714	N15	W39	3864	08	14.3	9D	SF			P	0705	42	.6	E
0442	17	07445	07491	0802	N14	W39	3864	08	14.4	18	SF						32	.6	D
	KANZ	17	0744	0750	0758D	N12	W39	3864	08	14.4	14D	SF		3					
	PEKG	17	0744	0750	0800	N15	W39	3864	08	14.4	16	SN			C	0750	42	.6	D
	ISTA	17	0748		0752	N15	W37	3864	08	14.5	4	SF							D
	LEAR	17	0749	0749	0813	N16	W40	3864	08	14.3	24	SF		3	C		23		
0443	PEKG	17	0749	0750	0808	S11	W27	3856	08	15.3	19	SF			P	0750	34	.4	D
0444	17	08014	08024	0815	N17	W44	3845	08	14.0	14	SF						103	1.5	EG
	KAND	17	0801		0810	N17	W45	3845	08	13.9	9	1F			C				
	PURP	17	0802E	0802	0825	N19	W43	3845	08	14.0	23D	SF			P	0802	98	1.4	G
	PEKG	17	0803	0806	0813	N17	W44	3845	08	14.0	10	SF			C	0806	71	1.0	E
	ISTA	17	0805		0812	N15	W44	3845	08	14.0	7	SF							E
	CATA	17	0805E	0805	0835D	N16	W44	3845	08	14.0	30D	1		2	P	0805	140	2.0	
0445	CATA	17	1035	1035	1110	S12	E90	3867	08	24.2	35	2		2	C	1035	225		A
0446	RAMY	17	1203	1232	1245	N26	E46	3862	08	21.1	42	SF	C 2.2	3	C		33		
0447	HOLL	17	1337	1340	1349	N24	E46	3862	08	21.1	12	SF		3	C		26		
0448	17	14278	1438	1458	S12	E88	3867	08	24.2	31	SN						30		
	HTPR	17	1427	1438	1456	S11	E90	3867	08	24.4	29	SF			C	1438	30		
	RAMY	17	1435	1438	1500	S12	E86	3867	08	24.1	25	SN		3	C				
0449	17	1443*	15276	1548	S12	W32	3856	08	15.2	65	SN						79	1.3	F
	RAMY	17	1443	1533	1556	S12	W31	3856	08	15.3	73	SF		3	C		117		
	BIGB	17	1527E	1527	1626D	S14	W35	3856	08	15.0	59D	SF		3	C	1527	100	1.3	
	HOLL	17	1533	1533	1541	S11	W30	3856	08	15.4	8	SF		3	C		20		F
0450	HOLL	17	1457	1458	1507	S11	W28	3856	08	15.5	10	SF		3	C		23		
0451	17	1505	1519	1531	S12	E80	3867	08	23.6	26	1B								
	RAMY	17	1505	1519	1528D	S12	E81	3867	08	23.7	23D	1B		3	C				
	HOLL	17	1524E	1524U	1531	S12	E78	3867	08	23.5	7D	1N		3	C				
0452	HOLL	17	1607	1616	1623	N14	W42	3864	08	14.5	16	SF		3	C		26		F
0453	HOLL	17	1642	1654	1703	N24	E45	3862	08	21.2	21	SF		3	C		17		
0454	HOLL	17	1652	1652	1658	N08	W40	3861	08	14.7	6	SF		3	C		22		F
0455	17	17442	1746	1809	N12	W43	3864	08	14.5	25	SF	C 4.1					96		EF
	HOLL	17	1744	1746	1811	N13	W43	3864	08	14.5	27	SF	C 4.1	3	C		97		E
	RAMY	17	1746	1746	1807	N12	W43	3864	08	14.5	21	SF		3	C		94		FE
0456	17	20091	2011	2022	S04	W63	3843	08	13.1	13	SN						50	1.8	
	HOLL	17	2009	2010U	2019	S04	W63	3843	08	13.1	10	SF		3	C		20		
	BIGB	17	2010	2011	2024	S04	W63	3843	08	13.1	14	SN		3	C	2011	80	1.8	
0457	17	2026	2026*	2050	S13	E82	3867	08	24.0	24	SF								K
	HOLL	17	2026	2026	2050	S13	E82	3867	08	24.0	24	SF		3	C				K
	HOLL	17	2026	2048	2050	S13	E82	3867	08	24.0	24	SF		3	C				K

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0458	HOLL	17	2026	2035	2049	N25	E43	3862	08	21.2	23	SF		3	C		25		F
0459		17	2116	2116	2122	N26	E40	3862	08	21.0	6	SN	C 2.4				56	.7	
	HOLL	17	2115E	2116U	2120	N26	E40	3862	08	21.0	5D	SN	C 2.4	3	C	2116	53		
	CULG	17	2116	2116	2123	N26	E39	3862	08	20.9	7	SF			C		60	.7	
0460	HOLL	17	2124E	2140U	2143	S13	E84	3867	08	24.2	19D	SF		3	C				
0461	HOLL	17	2153	2200U	2205	N14	W45	3864	08	14.5	12	SF	C 2.2	3	C		36		F
0462	CULG	17	2254	2255	2304	N19	W27	3856B	08	15.9	10	SN			C	2255	60	.6	F
0463		18	00574	01054	0120	S13	W32	3856	08	15.6	23	SN	C 5.2				71	.8	EF
	CULG	18	0057	0105	0119	S14	W31	3856	08	15.7	22	SN			C	0105	40	.5	
	LEAR	18	0059	0106	0109D	S13	W32	3856	08	15.6	10D	SN		3	C		89		F
	HOLL	18	0059	0106	0122	S12	W32	3856	08	15.6	23	SB	C 5.2	3	C		66		FE
	PEKG	18	0101	0109	0120	S12	W32	3856	08	15.6	19	SN			C	0105	88	1.1	E
0464		18	01052	01091	0117	S12	E83	3867	08	24.3	12	SN	C 5.1				45		H
	CULG	18	0105	0109	0115	S10	E81	3867	08	24.1	10	SN			C	0109	40		
	HOLL	18	0105	0110	0123	S11	E85	3867	08	24.4	18	SN	C 5.1	3	C				
	LEAR	18	0106	0110	0117	S12	E81	3867	08	24.1	11	SN		3	C				
	PEKG	18	0107	0109	0114	S13	E85	3867	08	24.4	7	1F			C	0109	50		H
0465	PURP	18	0126E	0126	0148	N13	W10	3859	08	17.3	22D	SN			C	0126	28	.3	G
0466	PURP	18	0126E	0126	0239	S13	E79	3867	08	24.0	73D	SN			C	0126	56		
0467		18	0230	0231	0235	S14	W28	3856A	08	16.0	5	SN					48	.6	
	CULG	18	0230	0231	0234	S14	W28	3856A	08	16.0	4	SN			C	0231	40	.5	
	PURP	18	0231E	0231U	0236	S14	W29	3856A	08	15.9	5D	SN			V	0231	56	.7	
0468	LEAR	18	0242	0242	0250	S13	W36	3856	08	15.4	8	SF		3	C		22		
0469		18	03426	0349*	0408	N20	W31	3856B	08	15.8	26	SN					96	1.2	DF
	CULG	18	0342	0350	0409	N19	W31	3856B	08	15.8	27	SB			C	0350	60	.7	F
	LEAR	18	0348	0353	0406	N20	W30	3856B	08	15.9	18	SN		3	C		78		
	PURP	18	0349E	0349	0407	N20	W31	3856B	08	15.8	18D	SN			C	0349	126	1.5	
	ABST	18	0356E	0359	0411	N20	W31	3856B	08	15.8	15D	SN			P	0359	122	1.5	D
0470		18	04031	04074	0424	S12	W38	3856	08	15.3	21	SN					85	1.5	EJ
	ABST	18	0403	0408	0425	S11	W39	3856	08	15.2	22	1N			C	0408	157	2.2	EJ
	LEAR	18	0404	0411	0424	S12	W37	3856	08	15.4	20	SN		3	C		39		
	CULG	18	0406E	0407	0415D	S13	W37	3856	08	15.4	9D	SN			P	0407	60	.8	
0471	CULG	18	0444	0446	0449	S15	W29	3856A	08	16.0	5	SF			C	0446	40	.4	
0472	ABST	18	0451	0453	0500D	S15	E80	3867	08	24.2	9D	1F			P	0453	79		DJ
0473	ABST	18	0517	0524	0543	S15	E78	3867	08	24.1	26	SF			C	0524	61		DJ
0474	ABST	18	0648	0651	0704D	S14	E80	3867	08	24.3	16D	1F			P	0651	87		DJ
0475		18	0715*	0731*	0816	S14	E81	3867	08	24.4	61	1N	C 7.8				179		ADEFHK
	MITK	18	0715	0753	0816	S16	E89	3867	08	25.0	61	SN			C	0753	250		E
	LEAR	18	0718	0731	0824	S15	E77	3867	08	24.1	66	SF		3	C				K
	LEAR	18	0718	0805	0824	S15	E77	3867	08	24.1	66	1N	C 7.8	3	C				FK
	HTPR	18	0726	0754	0758	S12	E82	3867	08	24.5	32	SN			C	0754	70		E
	KANZ	18	0727	0755	0824	S12	E79	3867	08	24.3	57	1N		3					
	KHAR	18	0730E	0753U	0826	S14	E83	3867	08	24.6	56D	2N			P	0753	300		EHK
	CATA	18	0730E	0755	0755D	S13	E85	3867	08	24.7	25D	2		2	P	0755	225		
	ISTA	18	0746		0759	S13	E77	3867	08	24.1	13	1N							AD
	HTPR	18	0755	0806	0815	S14	E81	3867	08	24.4	20	SN			C	0806	50		
0476	KHAR	18	0738E		0757D	S12	W42	3856	08	15.1	19D	SF			V	0738			L
0477	KHAR	18	0857E		0907D	S13	W36	3856	08	15.6	10D	SF			P	0857			EL

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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)	
0478	KANZ	18	0934	0934	0941	S05	E20	3858	08 19.9	7	SF		3				
0479	KHAR	18	0954E		1029D	S11	W40	3856	08 15.4	35D	SF		V	0958			EL
0480	KHAR	18	1033E		1057D	S13	E79	3867	08 24.4	24D	1N		P	1039	100		T
0481	KHAR	18	1036E		1057D	S13	W38	3856	08 15.6	21D	SF		P	1039	45	.6	EL
0482	KHAR	18	1046E		1055D	N13	W56	3864	08 14.2	9D	SF		P	1049	40	.7	D
0483	KHAR	18	1103E	1116U	1126D	S13	W41	3856	08 15.4	23D	1N		P	1116	160	2.3	E
0484	KHAR	18	1106E	1106U	1113D	S14	W34	3856A	08 15.9	7D	SF		P	1106	80	1.1	E
0485		18	1110*	1134E	1146	S13	E78	3867	08 24.3	36	SF				78		AET
	CATA	18	1110	1135	1145	S14	E85	3867	08 24.9	35	1		1	C	1135	140	
	KHAR	18	1113E	1113U	1119D	S14	E73	3867	08 24.0	6D	SF		P				ET
	KHAR	18	1123E	1126U	1139D	S14	E77	3867	08 24.3	16D	1F		P				T
	HTPR	18	1123	1140	1145	S12	E80	3867	08 24.5	22	SF		C	1140	50		E
	WEND	18	1124	1134	1146	S12	E76	3867	08 24.2	22	SF		C	1134	44		A
	RAMY	18	1133	1134	1150	S11	E74	3867	08 24.0	17	SF		3	C			
0486	HTPR	18	1208	1209	1212	S12	E80	3867	08 24.5	4	SF		C	1209	30		
0487	RAMY	18	1346	1411	1424	S13	E73	3867	08 24.1	38	SF	C 3.0	3	C			F
0488		18	14325	14362	1440	S14	W44	3856	08 15.3	8	SF				32	.3	
	KANZ	18	1432	1436	1440	S14	W43	3856	08 15.3	8	SN		3				
	RAMY	18	1436	1438	1440	S14	W43	3856	08 15.3	4	SF		3	C	44		
	HTPR	18	1437	1438	1441	S13	W46	3856	08 15.1	4	SF		C	1438	20	.3	
0489		18	1441*	1445*	1515	S12	E76	3867	08 24.3	34	SN	C 5.9			29		F
	RAMY	18	1441	1503	1543	S12	E73	3867	08 24.1	62	1B	C 5.9	3	C			F
	HTPR	18	1442	1445	1449	S12	E78	3867	08 24.5	7	SF		C	1445	20		
	KANZ	18	1443	1500	1516	S13	E77	3867	08 24.4	33	SN		3				
	HTPR	18	1456		1501D	S12	E78	3867	08 24.5	5D	SN		C	1501	30		
	WEND	18	1457	1505	1513	S12	E74	3867	08 24.2	16	SN		C	1505	38		
0490	RAMY	18	1547	1559	1606	S12	E69	3867	08 23.8	19	SF		3	C	37		
0491	BIGB	18	1906	1912	1956	S27	E66		08 23.9	50	1N		3	C	1912	120	
0492	BIGB	18	1924	1926	1943	N30	W35		08 16.0	19	SN		3	C	1926	80	1.0
0493	BIGB	18	2008	2012	2143	S10	E11	3858	08 19.7	95	SF		3	C	2012	80	.8
0494		18	2148	21501	2212	N17	W65	3864	08 14.0	24	1N				110	2.4	F
	BIGB	18	2148	2150	2211	N17	W64	3864	08 14.0	23	1N		3	C	2150	100	2.4
	CULG	18	2148	2151	2212	N17	W66	3864	08 13.9	24	1F		C	2151	120		F
0495	CULG	18	2208	2210	2212	S13	W41	3856	08 15.8	4	SF		C	2210	100	1.4	
0496		18	2348	23483	2415	S13	E66	3867	08 24.0	27	1N				92		DE
	MITK	18	2326E	2348	2538D	S12	E65	3867	08 23.9	132D	1N		C	2348	130		D
	PEKG	18	2348	2351	2415	S14	E67	3867	08 24.0	27	SF		P	2351	55		E
0497	PEKG	19	0204	0239U	0245	S14	E66	3867	08 24.1	41	1N		C	0239	97		E
0498	PEKG	19	0230	0239	0245	N25	E26	3862	08 21.1	15	SF		P	0239	50	.6	E
0499	PEKG	19	0310	0317	0340	S14	E67	3867	08 24.2	30	1N		C	0317	88		E
0500	PEKG	19	0314	0317	0320	S11	W51	3856	08 15.3	6	SF		C	0317	71	1.2	E
0501		19	04111	04121	0416	S13	W50	3856	08 15.4	5	SN				44	.8	
	CULG	19	0411	0412	0416	S14	W50	3856	08 15.4	5	SN		C	0412	50	.8	
	LEAR	19	0412	0413	0416	S12	W51	3856	08 15.3	4	SN		3	C	38		

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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
0502		19	0509	0513	0543	S14	E62	3867	08	23.9	34	1N	C 2.0				98	3.8	BEFJ
	LEAR	19	0509	0513	0520	S13	E64	3867	08	24.0	11	SN	C 2.0	3	C		22		F
	ABST	19	0519E	0519U	0606	S15	E60	3867	08	23.8	47D	1F			P	0519	175	3.8	BEJ
0503		19	0519E	0519U	0608	N26	E24	3862	08	21.1	49D	SF					120	1.4	BE
	ABST	19	0519E	0519U	0602	N25	E25	3862	08	21.1	43D	SF			P	0519	140	1.7	BE
	HTPR	19	0557E		0613	N26	E23	3862	08	21.0	16D	SF			C	0601	100	1.1	
0504	ABST	19	0536	0538	0546	S10	W54	3856	08	15.2	10	SF			C	0538	87	1.6	D
0505		19	06106	0612*	0633	S10	W51	3856	08	15.4	23	SF					86	1.6	EFI
	ABST	19	0610	0612	0652	S15	W51	3856	08	15.4	42	1N			C	0612	175	2.9	E
	HTPR	19	0611	0613	0630	S08	W50	3856	08	15.5	19	SF			C	0613	20	.3	E
	CULG	19	0612	0613	0625	S09	W49	3856	08	15.6	13	SF			C	0613	70	1.1	FI
	LEAR	19	0612	0619	0625	S11	W50	3856	08	15.5	13	SN		3	C		23		F
	YUNN	19	0613E	0613U	0623	S06	W50	3856	08	15.5	10D	SN			P	0613	110	1.8	E
	PEKG	19	0613	0618	0626	S09	W51	3856	08	15.4	13	SF			P	0618	84	1.5	E
	ABST	19	0616	0623	0650	S10	W54	3856	08	15.2	34	1F			C	0623	122	2.2	F
0506		19	06381	06416	0657	S13	E64	3867	08	24.1	19	SN					64	.8	EFJ
	HTPR	19	0638	0641	0704	S14	E65	3867	08	24.2	26	SN			C	0641	30	.7	E
	PEKG	19	0638	0648U	0650D	S13	E62	3867	08	23.9	12D	SN			P	0648	76		E
	CULG	19	0639	0642	0650	S11	E64	3867	08	24.1	11	SN			C	0642	40	1.0	J
	ABST	19	0639E	0642	0710D	S14	E64	3867	08	24.1	31D	1F			P	0642	131		FJ
	LEAR	19	0639	0645	0657	S13	E65	3867	08	24.2	18	SN		3	C		43		F
	KANZ	19	0647E	0647	0654D	S12	E63	3867	08	24.0	7D	SN		3					
0507		19	0817	08171	0830	S12	W51	3856	08	15.5	13	SN	C 1.8				31		F
	KANZ	19	0817	0817	0831	S13	W51	3856	08	15.5	14	SF		3					
	LEAR	19	0817	0818	0830	S12	W51	3856	08	15.5	13	SN	C 1.8	3	C		31		F
0508	KANZ	19	0854	0902	0933	S12	W82	3843	08	13.2	39	SN		3					
0509		19	0856*	0859*	1016	S15	E56	3867	08	23.6	80	SN	C 2.0				46	.8	DEFK
	LEAR	19	0856	0859	0922D	S14	E57	3867	08	23.7	26D	SF		3	C		27		K
	LEAR	19	0856	0912	0922D	S14	E57	3867	08	23.7	26D	SF	C 2.0	3	C		78		FK
	KANZ	19	0905	0910	1008	S14	E56	3867	08	23.6	63	SN		3					
	HTPR	19	0910	0922	1025	S16	E57	3867	08	23.7	75	SN			C	0922	50	1.0	E
	YUNN	19	0927E	0927U	0932D	S17	E56	3867	08	23.6	5D	SN			P	0927	31	.6	D
0510	CATA	19	0910	0915	0930	S06	W43	3856	08	16.2	20	1		1	C	0915	169	2.4	
0511		19	1038	1041	1047	S14	E62	3867	08	24.1	9	SN					30	.6	T
	KHAR	19	1036E		1043D	S14	E64	3867	08	24.3	7D	SN			P				T
	HTPR	19	1038	1041	1047	S14	E60	3867	08	24.0	9	SF			C	1041	30	.6	
0512	HTPR	19	1119	1124	1135	S14	E60	3867	08	24.0	16	SF			C	1124	30	.7	
0513	KANZ	19	1133	1141	1150	S13	W53	3856	08	15.5	17	SN		3					
0514		19	1139*	1152*	1228	S14	E60	3867	08	24.0	49	SF					57	1.2	E
	HTPR	19	1139	1152	1237	S14	E60	3867	08	24.0	58	SF			C	1152	40	.8	
	LVOV	19	1208	1210	1230	S12	E58	3867	08	23.9	22	1N			C	1210	100	2.2	E
	HTPR	19	1208	1212	1218	S16	E62	3867	08	24.2	10	SF			C	1212	30	.6	
0515		19	12502	12561	1303	S16	E59	3867	08	24.0	13	SF					40	.8	E
	HTPR	19	1250	1256	1300	S15	E60	3867	08	24.1	10	SF			C	1256	50	1.0	E
	HTPR	19	1252	1257	1306	S17	E58	3867	08	23.9	14	SF			C	1257	30	.6	
0516	RAMY	19	1312E	1313	1329	S13	W54	3856	08	15.5	17D	SF		3	C		19		
0517		19	14082	14116	1424	S13	E60	3867	08	24.1	16	SN	C 2.1				42	.6	DF
	LVOV	19	1408	1411	1422	S13	E63	3867	08	24.3	14	SF			C	1411	50		D
	HTPR	19	1410		1416D	S14	E59	3867	08	24.0	6D	SF			C	1413	30	.6	
	RAMY	19	1410	1413	1426	S12	E61	3867	08	24.2	16	SN	C 2.1	3	C		59		
	KANZ	19	1412E	1412	1418D	S12	E62	3867	08	24.3	6D	SN		2					
	HOLL	19	1414E	1417	1425	S14	E57	3867	08	23.9	11D	SN		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	Time (UT)	Area Measurement		Remarks
																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0518		19	1535*	1550	1610	S12	W58	3856	08	15.3	35	SN					53		F
	HOLL	19	1535	1550	1620	S10	W59	3856	08	15.2	45	SN		3	C		61		F
	RAMY	19	1549	1550	1559	S13	W57	3856	08	15.3	10	SN		3	C		45		
0519		19	15428	1551	1620	S10	E55	3867	08	23.8	38	SN					20		F
	HOLL	19	1542	1551	1641	S10	E53	3867	08	23.6	59	SF		3	C		19		F
	RAMY	19	1550	1551	1559	S11	E57	3867	08	23.9	9	SN		3	C		20		
0520		19	1616	1619	1632	S06	W04	3858	08	19.4	16	SF					55	.8	
	HOLL	19	1616	1619	1621	S06	W04	3858	08	19.4	5	SF		3	C		30		
	BIGB	19	1620E	1620	1644	S06	W04	3858	08	19.4	240	SF		3	P	1620	80	.8	
0521		19	18493	1853	1901	S12	E56	3867	08	24.0	12	SF					53	1.8	EF
	RAMY	19	1849	1853	1903	S12	E57	3867	08	24.1	14	SF		3	C		34		EF
	BIGB	19	1851	1853	1901	S12	E55	3867	08	23.9	10	SF		3	C	1853	100	1.8	
	HOLL	19	1852	1853	1859	S11	E55	3867	08	23.9	7	SF		3	C		26		
0522	PALE	19	2202E	2202U	2234	N07	W72	3861	08	14.5	320	SF		3	C		13		
0523		19	2252	2253	2335	S13	E53	3867	08	23.9	43	SN	C 1.0				60	1.7	
	PALE	19	2252	2252U	2335	S13	E53	3867	08	23.9	43	SN	C 1.0	3	C		19		
	BIGB	19	2252	2253	2335	S13	E53	3867	08	23.9	43	SN		3	C	2253	100	1.7	
0524		20	00481	0050	0054	S13	E53	3867	08	24.0	6	SN	C 1.9				54	1.2	
	CULG	20	0048	0050	0052	S13	E53	3867	08	24.0	4	SN				0050	70	1.2	
	LEAR	20	0049	0050	0055	S13	E53	3867	08	24.0	6	SF	C 1.9	3	C		38		
0525	CULG	20	0126	0129	0132	S12	E54	3867	08	24.1	6	SF			C	0129	20	.3	
0526		20	0213*	0220*	0229	S13	E52	3867	08	24.0	16	SF					45	.8	H
	LEAR	20	0213	0220	0227	S14	E52	3867	08	24.0	14	SN		3	C		55		H
	CULG	20	0217	0220	0226	S12	E52	3867	08	24.0	9	SF			C	0220	50	.8	
	LEAR	20	0229	0230	0234	S14	E52	3867	08	24.0	5	SF		3	C		29		
0527		20	03081	03101	0316	S12	E52	3867	08	24.0	8	SN	C 1.9				39	.5	
	CULG	20	0308	0310	0315	S11	E52	3867	08	24.0	7	SF			C		30	.5	
	LEAR	20	0309	0311	0317	S13	E53	3867	08	24.1	8	SN	C 1.9	3	C	0310	48		
0528		20	0544*	0558	0609	S11	W64	3856	08	15.4	25	SF	C 1.5				40	.4	DJ
	ABST	20	0544	0558	0615	S09	W67	3856	08	15.2	31	1F			C	0558	87		DJ
	CULG	20	0554	0558	0607	S12	W63	3856	08	15.5	13	SF			C	0558	20	.5	
	LEAR	20	0556	0558	0612	S11	W64	3856	08	15.4	16	SN	C 1.5	3	C		33		
	CULG	20	0557	0558	0603	S13	W62	3856	08	15.6	6	SF			C	0558	20	.4	
0529	KHAR	20	0743E		0802D	S11	W68	3856	08	15.2	190	SF			V	0743			D
0530		20	0759	0802	0811	N13	W86	3864	08	13.8	12	SF							H
	KHAR	20	0759E		0811D	N13	W88	3864	08	13.7	120	SF			V	0802			H
	KANZ	20	0759	0802	0811	N13	W84	3864	08	14.0	12	SF		1					
0531		20	0821E	0847U	0917D	N26	E08	3862	08	21.0	560	SF					60	.6	E
	KHAR	20	0821E		0833D	N26	E08	3862	08	21.0	120	SF			V	0825			
	KHAR	20	0844E	0847U	0910D	N26	E08	3862	08	21.0	260	SF			P	0848	60	.6	E
	KHAR	20	0913E		0917D	N26	E08	3862	08	21.0	40	SF			V	0913			
0532	KHAR	20	0844E		0850D	S11	W68	3856	08	15.2	60	SF			V	0844			D
0533		20	0853	0856	0857	S14	E50	3867	08	24.1	4	SN					48	.9	EH
	KHAR	20	0844E		0858D	S14	E49	3867	08	24.1	140	SF			P	0848	65	1.2	EH
	HTPR	20	0853	0856	0857	S15	E50	3867	08	24.1	4	SN			C	0856	30	.6	
0534		20	0927	0930	0932	S14	E50	3867	08	24.2	5	SN					40	.8	D
	HTPR	20	0927	0930	0932	S15	E50	3867	08	24.2	5	SF			C	0930	30	.6	
	KHAR	20	0928E	0931U	0938D	S13	E50	3867	08	24.2	100	SN			P	0931	50	1.0	D
0535	KHAR	20	0953E	0958U	1003D	S09	W70	3856	08	15.1	100	SN			P	0958	55		D
0536		20	1015	1025	1032	S16	E47	3867	08	24.0	17	SF					58	1.0	E
	KHAR	20	1011E	1011U	1018D	S14	E50	3867	08	24.2	70	SF			P				E
	HTPR	20	1015	1025	1032	S16	E44	3867	08	23.8	17	SF			C	1025	50	.7	
	KHAR	20	1021E	1021U	1028D	S18	E47	3867	08	24.0	70	SF			P	1021	65	1.2	E

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																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0537	KHAR	20	1035E	1041U	1059D	S16	W86		08	13.9	24D	SF			P	1048			DL
0538	KHAR	20	1125E	1128U	1148D	S13	W65	3856	08	15.6	23D	SF			P	1128	70		D
0539	HTPR	20	1350	1403	1426	S16	E48	3867	08	24.2	36	SF			C	1403	20	.3	
0540	HOLL	20	1450	1451	1500	S14	E45	3867	08	24.0	10	SF	C 1.2	3	C		22		
0541		20	17471	17481	1837	S09	W59	3856	08	16.3	50	SF					37	.6	
	BIGB	20	1747	1749	1840	S09	W59	3856	08	16.3	53	SF		3	C	1749	60	.6	
	HOLL	20	1748	1748	1834	S09	W59	3856	08	16.3	46	SF		3	C		14		
0542		20	1825	1826	1842	S12	E42	3867	08	23.9	17	SF					22		
	HOLL	20	1825	1826	1834	S12	E42	3867	08	23.9	9	SF		3	C		19		
	PALE	20	1835E	1837U	1850	S12	E43	3867	08	24.0	15D	SF		3	C		25		
0543	HOLL	20	1855	1903	1910	N14	E68	3870	08	25.9	15	SF		3	C		12		
0544	HOLL	20	1917	1919	1923	N15	E65	3870	08	25.7	6	SF		3	C		13		
0545	BIGB	20	1919	1921	1931	N25	E07	3862	08	21.3	12	SF		3	C	1921	70	.7	
0546	BIGB	20	2014	2017	2055	N20	W82	3864	08	14.6	41	1N		3	C	2017	180		
0547	PALE	20	2018	2020U	2028D	S10	W78	3856	08	15.0	10D	SF		3	C		50		
0548	HOLL	20	2050E	2050U	2101D	S04	E66		08	25.8	11D	SF		3	C		20		
0549		20	2217*	2229*	2343	N15	E67	3870	08	26.0	86	SN					55		F
	BIGB	20	2217	2229	2257	N14	E67	3870	08	26.0	40	1F		3	C	2229	100		
	PALE	20	2236E	2247U	2405	N16	E66	3870	08	25.9	89D	SN		3	C		27		F
	BIGB	20	2236	2247	2407	N16	E66	3870	08	25.9	91	SN		3	C	2247	80		
	HOLL	20	2243	2257	2316D	N14	E69	3870	08	26.2	33D	SF		3	C		14		
0550		20	22401	22413	2249	S12	E40	3867	08	23.9	9	SN	C 1.9				114	1.4	H
	CULG	20	2240	2241	2245	S12	E40	3867	08	23.9	5	SB			C	2241	100	1.4	
	BIGB	20	2241	2242	2249	S11	E42	3867	08	24.1	8	SF		3	C	2242	100	1.4	
	PALE	20	2241	2242	2249D	S11	E40	3867	08	23.9	8D	SN		3	C		167		H
	HOLL	20	2241	2244	2253	S12	E39	3867	08	23.9	12	SF	C 1.9	3	C		90		
0551	PALE	20	2332	2357U	2357D	S13	E40	3867	08	24.0	25D	SN		3	C		23		
0552		21	0011*	00209	0114	S07	W20	3858	08	19.5	63	1N	C 2.2				214	2.2	EFGIJKU
	CULG	21	0011	0029	0118	S08	W19	3858	08	19.6	67	1B			C	0029	260	2.9	JUEFI
	BIGB	21	0012	0025	0129	S08	W20	3858	08	19.5	77	1N		3	C	0025	240	2.7	
	LEAR	21	0013	0025	0126	S07	W20	3858	08	19.5	73	1N	C 2.2	3	C		253		UF
	MITK	21	0014	0024	0029D	S07	W20	3858	08	19.5	15D	1F			C	0024	240	2.7	E
	PEKG	21	0015	0020	0100	S07	W20	3858	08	19.5	45	SN			C	0020	126	1.4	FGK
	PEKG	21	0015	0025	0100	S07	W19	3858	08	19.6	45	SN			C	0025	139	1.6	FG
	HOLL	21	0024	0025	0041D	S05	W22	3858	08	19.4	17D	1N		3	C		243		U
0553	LEAR	21	0030	0030	0035	S15	E40	3867	08	24.0	5	SF		3	C		19		F
0554		21	01142	01151	0124	S11	W66	3856	08	16.1	10	SF					25	.6	
	CULG	21	0114	0115	0125	S11	W61	3856	08	16.5	11	SF			C	0115	30	.6	
	LEAR	21	0116	0116	0122	S11	W70	3856	08	15.8	6	SF		3	C		20		
0555	PALE	21	0143E	0143U	0203	S08	W19	3858	08	19.6	20D	SF		3	C		36		
0556	LEAR	21	0352	0420	0504	S14	E39	3867	08	24.1	72	SF	C 1.2	3	C		122		F
0557		21	0845	08491	0924	S09	W67	3856	08	16.3	39	1F	C 1.3				76		E
	KHAR	21	0840E	0850U	0945D	S08	W69	3856	08	16.2	65D	1F			P	0849			E
	LEAR	21	0845	0849	0923	S10	W67	3856	08	16.3	38	SF	C 1.3	3	C		41		
	CATA	21	0845	0850	0925	S10	W66	3856	08	16.4	40	1		2	C	0850	112		
0558		21	0944E	0953U	1000D	S14	E38	3867	08	24.3	16D	SF					35	.5	DL
	KHAR	21	0944E		0947D	S13	E39	3867	08	24.3	3D	SF			P	0944	35	.5	D
	KHAR	21	0950E	0953U	1000D	S14	E36	3867	08	24.1	10D	SF			P	0953	35	.5	DL

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0559	KHAR	21	1104E	1104U	1107D	S15	E30	3867	08	23.7	3D	SF			P	1104	75	1.0	DL
0560	HTPR	21	1213	1215	1232	S13	E33	3867	08	24.0	19	SF			C	1215	70	.8	E
0561	HTPR	21	1335	1342	1350	N15	E59	3870	08	26.0	15	SF			C	1342	50	1.0	E
			21 1402		1433			No Flare Patrol											
			21 1440		1445			No Flare Patrol											
			21 1450		1458			No Flare Patrol											
0562	HOLL	21	1559	1613	1638	N14	E57	3870	08	26.0	39	SB C	2.5	3	C		70		F
0563	HOLL	21	1656	1704	1726	N14	E57	3870	08	26.0	30	SN		3	C		22		
0564	HOLL	21	1734	1738	1739D	N17	E56	3870	08	26.0	5D	SF		3	C		26		
			21 1740		1816			No Flare Patrol											
			21 1827		1833			No Flare Patrol											
			21 1853		1909			No Flare Patrol											
			21 2030		2101			No Flare Patrol											
0565	HOLL	21	2257E	2259U	2301	S14	W84	3856	08	15.6	4D	SF		3	C				
0566	LEAR	22	0435I	0437*	0455	N15	E51	3870	08	26.0	20	SN C	2.0				92	1.7	DEFT
	TACH	22	0436	0522	0553D	N15	E50	3870	08	26.0	77D	1N		3	C	0522	69		F
	PEKG	22	0437E	0437	0441	N15	E51	3870	08	26.0	4D	SN			C	0437	177	2.9	ET
																	29	.5	D
0567	LEAR	22	0641*	0644*	0807	N15	E48	3870	08	25.9	86	SF C	1.0				59		EKL
	LEAR	22	0641	0644	0806	N15	E50	3870	08	26.1	85	SN		3	C		71		K
	LEAR	22	0641	0730	0806	N15	E50	3870	08	26.1	85	SF		3	C		34		K
	KANZ	22	0705	0729	0757	N16	E44	3870	08	25.6	52	SF		2					
	KHAR	22	0806E		0816D	N15	E49	3870	08	26.0	10D	SF			P	0807			EL
	LEAR	22	0807	0808	0819	N15	E50	3870	08	26.1	12	SF C	1.0	3	C		71		
0568	LEAR	22	0833	0835	0853	N15	E47	3870	08	25.9	20	SN					140		EFL
	LEAR	22	0833	0835	0853	N15	E47	3870	08	25.9	20	SN		3	C		140		F
	KHAR	22	0833E	0836U	0927D	N15	E47	3870	08	25.9	54D	SN			P	0851			EL
0569	KHAR	22	1006E	1006U	1010D	S11	E20	3867	08	23.9	4D	SF			P	1006	35	.4	D
0570	KHAR	22	1013E		1023D	N15	E35	3871	08	25.1	10D	SF			P				E
0571	KANZ	22	1025E	1025	1033D	N16	E46	3870	08	25.9	8D	SN		1					
0572	KHAR	22	1027E	1027U	1030D	S12	E16	3867	08	23.6	3D	SF			P	1027	30	.3	D
0573	RAMY	22	1338	1340	1351	N16	E44	3870	08	25.9	13	SN		3	C		50		
0574	RAMY	22	1430	1436	1440	N16	E44	3870	08	25.9	10	SF		3	C		19		
0575	HTPR	22	1512E		1516D	N15	E47	3870	08	26.2	4D	SF			C	1512	50	.7	E
0576	BIGB	22	1739	1748	1859	N16	E43	3870	08	26.0	85	SN C	1.0				132	1.4	F
	HOLL	22	1739	1748	1909	N16	E43	3870	08	26.0	80	SN		3	C	1748	100	1.4	F
											90	SN C	1.0	3	C		165		F
0577	HOLL	22	2130E	2131	2141	N16	E40	3870	08	25.9	11D	SF		3	C		32		F
0578	HOLL	22	2259	2302	2319	N16	E38	3870	08	25.8	20	SN C	1.0	3	C		82		F
0579	CULG	23	0047	0052	0112	S10	W44	3858	08	19.7	25	SF					43	.9	F
	CULG	23	0047	0052	0112	S10	W44	3858	08	19.7	25	SF			C	0053	60	.9	F
	LEAR	23	0050E	0053U	0058D	S09	W45	3858	08	19.6	8D	SF		2	C		26		F
0580	CULG	23	02143	0217	0246	N16	E37	3870	08	25.9	32	SN C	2.1				120	1.6	F
	CULG	23	0214	0217	0231	N17	E36	3870	08	25.8	17	SN			C	0217	140	1.6	F
	LEAR	23	0217	0217	0302	N14	E38	3870	08	26.0	45	SN C	2.1	2	C		100		F

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														Apparent (10-6 Disk)	Corr (Sq Deg)	
0581		23	0339	0342*	0504	N15	E35	3870	08 25.8	85	SF			104	2.2	DFJK
	LEAR	23	0339	0342	0520	N15	E35	3870	08 25.8	101	SF	2 C		48		K
	LEAR	23	0339	0406	0520	N15	E35	3870	08 25.8	101	SN	2 C		88		FK
	ABST	23	0403E	0407	0432	N14	E35	3870	08 25.8	290	1F	P	0407	175	2.2	DJ
0582		23	0514*	0514*	0654	N15	E36	3870	08 25.9	100	SF			89	1.1	EFJT
	LEAR	23	0514	0514	0700	N15	E38	3870	08 26.1	106	SF	2 C		91		F
	ABST	23	0624	0629	0648	N15	E36	3870	08 26.0	24	SF	C	0629	87	1.1	EJ
	KANZ	23	0636E	0638	0640D	N16	E34	3870	08 25.8	40	SN	1				T
0583	PURP	23	0705	0708	0717	N17	E38	3870	08 26.2	12	SB	C	0708	28	.4	
0584		23	0849I	0859	0915	N16	E33	3870	08 25.9	26	SN			75		FT
	KANZ	23	0849	0859	0915	N16	E33	3870	08 25.9	26	SN	1				T
	LEAR	23	0850	0854U	0854D	N15	E33	3870	08 25.9	40	SN	2 C		75		F
	KHAR	23	0850E	0858U	0920D	N16	E33	3870	08 25.9	300	SN	P				
	KHAR	23	0930E	0941U	1015D	N15	E32	3870	08 25.8	450	SN	P	0954			
0585	KHAR	23	1001E	1008U	1015D	S15	W17	3873	08 22.1	140	SF	P	1008	65	.8	E
0586	KANZ	23	1027	1031	1050	N16	E31	3870	08 25.8	23	SN	2				T
0587	KANZ	23	1402	1421	1429	N15	E30	3870	08 25.8	27	SF	2				T
0588	HOLL	23	1617	1617	1619	N14	E29	3870	08 25.9	2	SF	3 C		26		
0589		23	1654	1656	1704	N16	E30	3870	08 26.0	10	SN			70	1.4	
	HOLL	23	1654	1656	1702	N16	E30	3870	08 26.0	8	SN	3 C		21		
	BIGB	23	1654	1656	1705	N16	E30	3870	08 26.0	11	SN	3 C	1656	120	1.4	
0590		23	2106I	2108	2138	N16	E26	3870	08 25.8	32	SF			55	.9	F
	BIGB	23	2106	2108	2136	N15	E26	3870	08 25.8	30	SF	3 C	2108	80	.9	
	HOLL	23	2107	2108	2139	N16	E27	3870	08 25.9	32	SF	3 C		30		F
0591	YUNN	24	0130	0139	0143D	N25	W40	3862	08 21.0	130	SF	P		47	.7	
0592	LEAR	24	0653	0653	0700	N14	E23	3870	08 26.0	7	SF	3 C		24		F
0593		24	0842*	0843*	0858	N16	E20	3870	08 25.9	16	SF			37	.4	EF
	LEAR	24	0842	0843	0849	N16	E20	3870	08 25.9	7	SF	2 C		32		F
	HTPR	24	0851	0853	0858	N15	E20	3870	08 25.9	7	SF	C	0853	40	.4	E
	LEAR	24	0852	0853	0906	N16	E21	3870	08 26.0	14	SN	2 C		38		F
0594		24	09242	0927*	1004	N16	E19	3870	08 25.8	40	SF			57	.5	EF
	HTPR	24	0924	0950	1007	N15	E19	3870	08 25.8	43	SF	C	0950	60	.6	E
	LEAR	24	0925	0930	0932D	N15	E19	3870	08 25.8	70	SF	2 C		75		F
	WEND	24	0926	0927	0930	N19	E19	3870	08 25.8	4	SF	C	0927	25	.3	
	CATA	24	0935E	0935	1035	N17	E19	3870	08 25.8	600	S	2 P	0935	68	.7	
0595		24	1434I	1453I	1530	S14	W34	3873	08 22.0	56	SF			42		F
	RAMY	24	1434	1453	1531	S15	W34	3873	08 22.0	57	SF	3 C		54		
	HOLL	24	1435	1454	1530	S13	W33	3873	08 22.1	55	SF	3 C		30		F
0596	RAMY	24	1438	1439	1449	N16	E17	3870	08 25.9	11	SN	3 C		47		
0597	RAMY	24	1532	1532	1539	N13	E17	3870	08 25.9	7	SN	3 C		31		
0598	HOLL	24	1612	1612	1619	N07	E57	3875	08 28.9	7	SF	3 C		16		
0599	HOLL	24	1749	1753	1759	S12	W11	3867	08 23.9	10	SF	3 C		23		
		24	1828		1905	No Flare Patrol										
		24	1944		1951	No Flare Patrol										
		24	2017		2049	No Flare Patrol										
0600	LEAR	25	0022	0026	0036	N07	E81	3876	08 31.1	14	SF	3 C				
0601	PEKG	25	0044	0048	0122	N07	E80	3876	08 31.0	38	SF	C	0048	21		D

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																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0602	PEKG	25	0055	0113	0120	N07	E55	3875	08	29.1	25	SN			C	0113	59	1.0	E
0603	LEAR	25	0117	0118	0126	N16	E12	3870	08	26.0	9	SF		3	C		25		
0604	LEAR	25	0214	0221	0234	N08	E54	3875	08	29.1	20	SF		3	C		40		F
0605	PEKG	25	0330	0334	0346	N07	E53	3875	08	29.1	16	SN			C	0334	46	.8	E
0606	LEAR	25	0558	0601	0609	N08	E53	3875	08	29.2	11	SF		3	C		25		
0607		25	0636	0642	0657	N16	E06	3870	08	25.7	21	1F					184	2.0	F
	ABST	25	0636	0642	0700	N17	E06	3870	08	25.7	24	1F			C	0642	349	3.7	F
	HTPR	25	0647E		0654	N15	E05	3870	08	25.7	7D	SF			C	0647	20	.2	
0608		25	0651	0703	0718	N22	W04	3877	08	25.0	27	SF					40	.4	EL
	HTPR	25	0647E		0704	N23	W03	3877	08	25.0	17D	SF			C	0652	40	.4	E
	KANZ	25	0651	0703	0731	N22	W04	3877	08	25.0	40	SF		1					L
0609	HTPR	25	0701	0704	0708	N07	E51	3875	08	29.1	7	SN			C	0704	30	.5	
0610	HTPR	25	0804	0840	1100	N23	W05	3877	08	24.9	176	SF			C	0840	100	1.0	E
0611	LEAR	25	0855	0859	0909	N17	E08	3870	08	26.0	14	SF		3	C		42		F
0612	HTPR	25	0900		1243D	N07	E50	3875	08	29.1	223D	SF			C	1045	40	.6	
0613		25	09142	09182	0929	N15	E07	3870	08	25.9	15	SN	C 1.0				63	.6	F
	KANZ	25	0914	0918	0918D	N16	E08	3870	08	26.0	40	SN		1					
	YUNN	25	0914	0918	0931	N15	E07	3870	08	25.9	17	SN			C		110	1.2	F
	LEAR	25	0915	0918	0937D	N16	E06	3870	08	25.8	22D	SF	C 1.0	3	C		81		F
	HTPR	25	0916	0920	0928	N15	E05	3870	08	25.8	12	SN			C	0920	30	.3	
	HTPR	25	0916	0920	0928	N15	E09	3870	08	26.1	12	SN			C	0920	30	.3	
0614	HTPR	25	1440	1446	1456	N15	E05	3870	08	26.0	16	SF			C	1446	50	.5	E
0615		25	15381	1543*	1558	N15	E04	3870	08	25.9	20	SF					31		
	RAMY	25	1538	1558	1602	N16	E04	3870	08	25.9	24	SF		3	C		31		
	KANZ	25	1539	1543	1555	N14	E05	3870	08	26.0	16	SF		1					
		25	1807		1839	No Flare Patrol													
		25	1852		1859	No Flare Patrol													
		25	1909		2002	No Flare Patrol													
		25	2007		2013	No Flare Patrol													
		25	2024		2106	No Flare Patrol													
0616	HOLL	25	2237	2245	2250	N15	E02	3870	08	26.1	13	SF	C 1.1	3	C		57		F
0617	VORO	25	2307		2317D	N13	W02	3870	08	25.8	10D	1N			P	2316	242	2.5	EJ
0618	HOLL	25	2319	2323	2333D	S13	W25	3867	08	24.1	14D	SF		3	C		57		F
0619	LEAR	26	0022	0023	0027	S12	W29	3867	08	23.8	5	SF		3	C		29		
0620	LEAR	26	0135	0140	0157	N16	W01	3870	08	26.0	22	SF		3	C		35		F
0621		26	0229	02292	0234	N16	W04	3870	08	25.8	5	SN					40	.2	H
	PURP	26	0229E	0229	0234	N16	W04	3870	08	25.8	5D	SN			C	0229	21	.2	
	LEAR	26	0229	0231	0234	N16	W03	3870	08	25.9	5	SF		3	C		60		H
0622	LEAR	26	0235	0235	0239	S13	W29	3867	08	23.9	4	SF		3	C		53		
0623	LEAR	26	0302	0305	0318	N16	W04	3870	08	25.8	16	SF	C 1.4	3	C		33		F
0624		26	07119	07351	0754	S12	W32	3867	08	23.9	43	SF					64	.7	E
	HTPR	26	0711	0736	0747	S13	W32	3867	08	23.9	36	SF			C	0736	60	.7	E
	KANZ	26	0715	0735	0757	S12	W32	3867	08	23.9	42	SF		2					
	LEAR	26	0720	0736	0759	S11	W32	3867	08	23.9	39	SF		3	C		67		

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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
0625	PEKG	26	0759E	0759	0809	S13	W55	3873	08	22.2	10D	SF			P	0759	34	.6	E
0626	PEKG	26	0759E	0800	0800D	S06	W92		08	19.4	1D	SF			C	0800	42		A
0627	KANZ	26	1137	1141	1145	N12	W09	3870	08	25.8	8	SF		1					
0628	KANZ	26	1224	1229	1240	N14	W20	3871	08	25.0	16	SF		2					
0629	HTPR	26	1302	1304	1315	N14	W10	3870	08	25.8	13	SF			C	1304	20	.2	
0630		26	14222	14272	1441	N15	W10	3870	08	25.8	19	1B	C 2.8				178		F
	KANZ	26	1422	1429	1441	N15	W10	3870	08	25.8	19	1B		2					
	HOLL	26	1424	1427	1439D	N15	W10	3870	08	25.8	15D	SB	C 2.8	3	C		178		F
0631	HOLL	26	1451	1451U	1537	S12	W34	3867	08	24.0	46	SF		3	C		24		F
		26	1452		1500	No Flare Patrol													
0632	HOLL	26	1505	1506	1522	N21	W20	3877	08	25.1	17	SF		3	C		33		F
0633	BIGB	26	1648	1655	1722	N22	W21	3877	08	25.1	34	SN		3	C	1655	70	.8	
0634	BIGB	26	1653	1655	1724	S05	E40	3875A	08	29.7	31	SN		3	C	1655	80	1.1	
0635		26	19483	19531	2013	N17	W14	3870	08	25.8	25	SN					80	.8	F
	BIGB	26	1948	1954	2011	N17	W14	3870	08	25.8	23	SN		3	C	1954	80	.8	
	HOLL	26	1951	1953	2015	N17	W14	3870	08	25.8	24	SN		3	C		81		F
0636		26	2146*	2200*	2408	N16	W15	3870	08	25.8	142	1B					249	2.8	EFKU
	BIGB	26	2146	2308	2359D	N16	W15	3870	08	25.8	133D	1B		3	P	2308	300	3.2	
	HOLL	26	2147	2200	2403D	N16	W15	3870	08	25.8	136D	SN		3	C		71		K
	HOLL	26	2147	2302	2403D	N16	W15	3870	08	25.8	136D	1B		3	C		351		FEK
	CULG	26	2257	2303	2332	N14	W14	3870	08	25.9	35	SB			C	2303	180	1.8	EF
	MITK	26	2311E	2324	2503	N15	W15	3870	08	25.8	112D	1N			C	2324	300	3.2	E
	PEKG	26	2315	2325	2350	N16	W14	3870	08	25.9	35	1N			P	2325	294	3.2	FU
0637		26	2324	23263	2335	S11	W42	3867	08	23.8	11	SN					34	.6	E
	HOLL	26	2324	2326	2415D	S11	W42	3867	08	23.8	51D	SN		3	C		25		
	PEKG	26	2325E	2329	2335	S11	W42	3867	08	23.8	10D	SF			P	2329	42	.6	E
0638	HOLL	26	2336	2339	2349	N12	E82	3880	09	2.2	13	SF		3	C				
0639		27	0004*	0006*	0147	N15	W14	3870	08	25.9	103	SN	C 4.7				138	1.4	EFK
	LEAR	27	0000E	0006	0230	N15	W14	3870	08	25.9	150D	SB		3	C		142		K
	LEAR	27	0000E	0140	0230	N15	W14	3870	08	25.9	150D	SB	C 4.7	3	C		181		FEK
	HOLL	27	0004	0010	0048D	N15	W11	3870	08	26.2	44D	SB		3	C		135		F
	PEKG	27	0005	0015	0030	N16	W14	3870	08	25.9	25	SN			C	0015	147	1.6	F
	PURP	27	0017	0033	0040	N14	W14	3870	08	25.9	23	SF			C	0033	56	.6	E
	YUNN	27	0035E	0037U	0044	N14	W13	3870	08	26.0	9D	SN			P	0037	157	1.7	E
	MITK	27	0108	0142	0230	N14	W15	3870	08	25.9	82	SN			C	0142			E
	PEKG	27	0138	0143	0210	N15	W15	3870	08	25.9	32	SN			C	0143	92	1.0	F
	PURP	27	0139	0141	0203	N15	W13	3870	08	26.1	24	SB			C	0141	168	1.8	
	CULG	27	0139	0143	0159	N15	W15	3870	08	25.9	20	SF			C	0143	110	1.1	F
	YUNN	27	0145E	0145U	0212	N14	W14	3870	08	26.0	27D	SB			P	0145	189	2.0	
0640	LEAR	27	0005	0008	0018	S11	W42	3867	08	23.8	13	SF		3	C		25		
0641		27	0039	0041	0048	S11	W42	3867	08	23.9	9	SN					36	.7	D
	YUNN	27	0035E	0037U	0048	S11	W42	3867	08	23.9	13D	SN			P	0037	47	.7	D
	HOLL	27	0039	0041	0049D	S11	W43	3867	08	23.8	10D	SN		3	C		25		
0642		27	01141	0119*	0143	N16	W28	3871	08	24.9	29	SN	C 2.0				115	1.1	EFG
	LEAR	27	0114	0124	0154	N15	W27	3871	08	25.0	40	SN	C 2.0	3	C		184		F
	CULG	27	0115	0119	0136	N15	W28	3871	08	24.9	21	SN			C	0119	100	1.1	F
	PEKG	27	0120E	0130	0140	N16	W28	3871	08	24.9	20D	SN			P	0130	50	.6	E
	PURP	27	0122E	0122U	0141	N16	W28	3871	08	24.9	19D	SN			C	0122	126	1.5	G
0643	LEAR	27	0234	0234	0245	N12	E80	3880	09	2.1	11	SF		3	C				

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																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0644		27	0253*	0302*	0415	N15	W15	3870	08	26.0	82	1N	M 2.0				255	3.1	EFJKZ
	MITK	27	0253	0329	0416	N15	W15	3870	08	26.0	83	1N			C	0329	210	2.3	E
	LEAR	27	0257	0302	0428	N15	W15	3870	08	26.0	91	SN		3	C		61		K
	LEAR	27	0257	0326	0428	N15	W15	3870	08	26.0	91	1B	M 2.0	3	C		251		ZFK
	PEKG	27	0322	0335	0408	N15	W16	3870	08	25.9	46	SN			C	0335	160	1.7	F
	YUNN	27	0323	0327	0328D	N15	W15	3870	08	26.0	5D	1B			P		252	2.7	
	CULG	27	0323	0329	0403	N15	W16	3870	08	25.9	40	1N			C	0329	240	2.4	F
	PURP	27	0327E	0330	0400	N15	W14	3870	08	26.1	33D	1B			C	0330	237	2.5	
	TACH	27	0331E	0332	0414	N17	W15	3870	08	26.0	43D	2N			C	0332	620	7.6	EK
	ABST	27	0401E	0402U	0424	N14	W17	3870	08	25.9	23D	1F			P	0402	262	2.9	EJ
0645	LEAR	27	0319	0320	0341	N21	W26	3877	08	25.1	22	SF		3	C		39		F
0646		27	0322	0324	0328	S11	W40	3867	08	24.1	6	SN					64	.9	E
	CULG	27	0322	0324	0327	S11	W39	3867	08	24.2	5	SF			C	0324	80	1.1	
	YUNN	27	0323E	0323U	0328	S11	W41	3867	08	24.0	5D	SN			P	0323	47	.7	E
0647	LEAR	27	0354	0355	0404	N12	E79	3880	09	2.1	10	SF		3	C				
0648		27	04421	04434	0453	S12	W44	3867	08	23.9	11	SF					61	1.5	D
	ABST	27	0442	0447	0453	S12	W45	3867	08	23.8	11	SF			C	0447	96	1.5	D
	LEAR	27	0443	0443	0453	S12	W44	3867	08	23.9	10	SF		3	C		26		
0649	LEAR	27	0516	0516	0527	N11	E78	3880	09	2.1	11	SN		3	C				
0650		27	05276	05393	0558	S12	W46	3867	08	23.8	31	SN					63	1.4	D
	ABST	27	0527	0539	0556	S12	W46	3867	08	23.8	29	SF			C	0539	87	1.4	D
	LEAR	27	0533	0542	0601	S12	W45	3867	08	23.8	28	SN		3	C		39		
0651		27	0539*	05501	0623	N15	W16	3870	08	26.0	44	1B	M 1.5				272	3.0	EFJTZ
	TACH	27	0539	0551	0615	N18	W16	3870	08	26.0	36	2B			C	0551	620	6.7	E
	LEAR	27	0540	0551	0622D	N15	W16	3870	08	26.0	42D	1B	M 1.5	3	C		251		ZF
	ABST	27	0542	0550	0640	N14	W17	3870	08	25.9	58	1N			C	0550	306	3.4	EJ
	PEKG	27	0543	0551	0610	N15	W17	3870	08	25.9	27	SN			C	0551	168	1.8	FT
	CULG	27	0544	0550	0618	N15	W17	3870	08	25.9	34	1B			C	0550	220	2.4	F
	ATHN	27	0600E	0600U	0632	N15	W16	3870	08	26.0	32D	1B		3	V	0600	255	2.8	
	PURP	27	0603	0603U	0622	N15	W16	3870	08	26.0	19	SN			P	0603	84	.9	
0652	LEAR	27	0546	0551	0600	N22	W29	3877	08	25.0	14	SF		3	C		30		F
0653	LEAR	27	0602	0606	0622D	N22	W29	3877	08	25.0	20D	SF		3	C		39		
0654	LEAR	27	0642	0643	0652	S11	W45	3867	08	23.9	10	SF		3	C		21		
0655	LEAR	27	0647	0651	0659	N12	E78	3880	09	2.1	12	SF		3	C				
0656		27	0721E	0741U	0816D	N15	W17	3870	08	26.0	55D	SF					55	.6	DE
	KHAR	27	0721E		0734D	N14	W17	3870	08	26.0	13D	SF			P				E
	KHAR	27	0738E	0741U	0751D	N17	W15	3870	08	26.2	13D	SF			P	0741	55	.6	D
	KHAR	27	0755E	0758U	0816D	N13	W20	3870	08	25.8	21D	SF			P	0805			E
0657		27	0731	0736	0759	S12	W48	3867	08	23.7	28	SF					39	.6	D
	KHAR	27	0731E	0733U	0745D	S12	W48	3867	08	23.7	14D	SF			P	0734	45	.7	D
	LEAR	27	0731	0736	0759	S12	W45	3867	08	23.9	28	SN		3	C		38		
	KHAR	27	0750E	0751U	0754D	S12	W52	3867	08	23.4	4D	SF			P	0751	35	.5	D
0658	LEAR	27	0802	0808	0818	N24	W32	3877	08	24.9	16	SF		3	C		30		
0659	LEAR	27	0811	0812	0828	N11	E75	3880	09	2.0	17	SF		3	C				
0660		27	0817	0817	0824	S12	W47	3867	08	23.8	7	SF					20		D
	LEAR	27	0817	0817	0824	S12	W46	3867	08	23.9	7	SF		3	C		20		
	KHAR	27	0825E		0827D	S11	W48	3867	08	23.7	2D	SF			V	0825			D
0661	KHAR	27	0838E	0846U	0858D	N15	W18	3870	08	26.0	20D	SF			P	0845			E
0662	KHAR	27	0852E	0853U	0855D	N14	E86	3880	09	2.9	3D	SF			P				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	See	Obs Type	Time (UT)	Area Apparent (10 ⁻⁶ Disk)	Measurement Corr (Sq Deg)	Remarks
0663	KHAR	27	0900E	0900U	0905D	N07	E48	3876	08	31.0	5D	SF			P				D
0664		27	0903*	0913*	0940	N14	W18	3870	08	26.0	37	SB	M 1.2				190	2.2	EF
	LEAR	27	0903	0913	0925D	N15	W19	3870	08	25.9	22D	SB	M 1.2	3	C		176		FE
	KHAR	27	0905E	0919U	0956D	N14	W19	3870	08	25.9	51D	1B			P	0918	200	2.3	E
	ATHN	27	0908	0913	0934D	N15	W17	3870	08	26.1	26D	SB		3	V	0913	159	1.7	
	MONT	27	0911	0920	0934	N15	W18	3870	08	26.0	23	SN			C	0920	150		
	YUNN	27	0913E	0914U	0945	N15	W19	3870	08	25.9	32D	SB			P	0914	173	1.9	E
	CATA	27	0915	0925	0930D	N13	W19	3870	08	25.9	15D	1		2	P	0925	281	3.1	
0665	KHAR	27	0935E		1011D	N14	E85	3880	09	2.8	36D	SF			V	0937			L
0666		27	0957	1000	1042D	S11	W49	3867	08	23.7	45D	SF					31	.5	D
	KHAR	27	0953E		1020D	S11	W49	3867	08	23.7	27D	SF			V	0953			
	YUNN	27	0957	1000	1003D	S10	W46	3867	08	23.9	6D	SN			P		31	.5	D
	KHAR	27	1026E		1042D	S11	W52	3867	08	23.5	16D	SF			V	1026			
0667		27	1029	1037	1119D	N14	W20	3870	08	25.9	50D	SN					136	1.5	E
	KHAR	27	1006E	1009U	1029D	N13	W20	3870	08	25.9	23D	SF			P				E
	KHAR	27	1010E	1038U	1108D	N14	W22	3870	08	25.8	58D	SB			P	1039	160	1.8	E
	ATHN	27	1029	1037	1102D	N15	W17	3870	08	26.1	33D	SB		3	V	1037	111	1.2	
	KHAR	27	1113E	1116U	1119D	N14	W21	3870	08	25.9	6D	SF			P				E
0668	KHAR	27	1014E		1110D	N14	E85	3880	09	2.8	56D	SF			V	1034			
		27	1247		1249	No Flare Patrol													
0669		27	1318	1319	1350	N15	W20	3870	08	26.0	32	SN	C 2.3				65	.7	E
	RAMY	27	1318	1319	1350	N16	W20	3870	08	26.0	32	SN	C 2.3	3	C		60		
	HTPR	27	1354E		1432D	N14	W20	3870	08	26.1	38D	SF			C	1432	70	.7	E
0670	HOLL	27	1344	1347	1407	S10	W50	3867	08	23.8	23	SF		3	C		22		F
0671	RAMY	27	1424	1424	1442	S10	W47	3867	08	24.1	18	SF	C 1.9	3	C		26		
0672		27	1430I	1432*	1448	N16	W20	3870	08	26.1	18	SN	C 2.3				29		FK
	RAMY	27	1430	1438	1439	N15	W19	3870	08	26.2	9	SN		3	C		28		
	HOLL	27	1431	1432	1453	N16	W21	3870	08	26.0	22	SN		3	C		33		K
	HOLL	27	1431	1448	1453	N16	W21	3870	08	26.0	22	SN	C 2.3	3	C		27		FK
0673		27	1513	1517*	1552	N15	W23	3870	08	25.9	39	SN	C 3.0				66		F
	RAMY	27	1513	1517	1552	N14	W23	3870	08	25.9	39	SN		3	C		96		
	HOLL	27	1513	1532	1553	N16	W22	3870	08	26.0	40	SN	C 3.0	3	C		35		F
	KANZ	27	1540E		1543D	N14	W23	3870	08	25.9	3D	SN		1					
0674	HOLL	27	1601	1614	1629	N11	E74	3880	09	2.2	28	SF	C 2.2	3	C				
0675	BIGB	27	1630	1644	1709	N15	W10	3870	08	26.9	39	SN		2	C	1644	120	1.4	
0676		27	1631I	16394	1656	N16	W22	3870	08	26.0	25	SN	C 2.8				141		F
	RAMY	27	1631	1643	1658	N15	W20	3870	08	26.2	27	SN	C 2.8	3	C		169		F
	HOLL	27	1634	1639	1654	N16	W23	3870	08	25.9	20	SN		3	C		113		F
0677	HOLL	27	1752	1755	1807	N16	W23	3870	08	26.0	15	SN		3	C		23		F
0678		27	1811I	1818	1830	N16	W24	3870	08	25.9	19	SB					68	1.0	
	BIGB	27	1811	1818	1835	N16	W24	3870	08	25.9	24	SN		2	C	1818	90	1.0	
	HOLL	27	1814	1818	1825	N16	W24	3870	08	25.9	11	SB		3	C		46		
0679	HOLL	27	2009	2011	2023	N15	W22	3870	08	26.2	14	SF	C 1.8	3	C		83		
0680	HOLL	27	2122	2130	2156	N16	W25	3870	08	26.0	34	SN	C 1.9	3	C		117		F
0681	HOLL	27	2127	2131	2146	N25	W40	3877	08	24.8	19	SF		3	C		27		F
0682	LEAR	28	0004	0005	0021	N09	E14	3875	08	29.0	17	SF		3	C		27		F
0683	PEKG	28	0015	0023	0109	N15	W41	3871	08	24.9	54	SF			P	0023	46	.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	Time (UT)	Area Apparent (10 ⁻⁶ Disk)	Measurement Corr (Sq Deg)	Remarks
0684	PEKG	28	0109	0115	0125	N16	W28	3870	08	25.9	16	SF			P	0115	46	.5	E
0685	LEAR	28	0121	0122	0135	N12	E67	3880	09	2.1	14	SF		3	C		20		
0686	LEAR	28	0141	0153	0214	N14	E65	3880	09	2.0	33	SF		3	C		23		
0687	CULG	28	0215	0215	0222	S15	W56	3867	08	23.8	7	SF			C	0215	50	.9	F
0688		28	0228	0230	0242	N15	W30	3870	08	25.8	14	SN					26	.3	E
	CULG	28	0228	0230	0242	N15	W31	3870	08	25.7	14	SF			C	0230	20	.2	
	YUNN	28	0230E	0233U	0233D	N15	W30	3870	08	25.8	3D	SN			P	0233	31	.4	E
0689	CULG	28	0257	0301	0313	N13	E65	3880	09	2.0	16	SB			C	0301	50	1.1	
0690		28	03155	0324*	0356	S10	W55	3867	08	24.0	41	SN	C 3.0				115	2.0	EF
	LEAR	28	0315	0324	0405	S10	W55	3867	08	24.0	50	SN	C 3.0	3	C		120		F
	CULG	28	0319	0343	0405	S11	W54	3867	08	24.1	46	1N			C	0343	140	2.6	F
	PEKG	28	0320	0324	0337	S09	W56	3867	08	23.9	17	SF			P	0324	84	1.4	E
0691	ABST	28	0454	0459	0520	N15	W32	3870	08	25.8	26	SF			C	0459	87	1.0	D
0692	CULG	28	0511E	0511U	0519	N14	E66	3880	09	2.2	8D	SN			P	0511	40	.9	
0693	ABST	28	0602	0603U	0608	S10	E64	3879	09	2.1	6	SF			P	0603	87		D
0694	PEKG	28	0624E	0635	0755	N09	W04	3881	08	28.0	91D	SF			P	0635	160	1.6	U
0695		28	06402	06432	0658	S09	W61	3867	08	23.7	18	SN	C 2.0				77	1.5	DEF
	BUCA	28	0640	0644	0656	S09	W63	3867	08	23.5	16	SN			C	0644	86	1.9	
	CULG	28	0642	0643	0649	S10	W60	3867	08	23.8	7	SF			C	0643	20	.4	
	LEAR	28	0642	0643	0705	S10	W61	3867	08	23.7	23	SN	C 2.0	3	C		68		F
	ABST	28	0642	0644	0654	S08	W64	3867	08	23.5	12	1N			C	0644	105		D
	PEKG	28	0645E	0645	0708	S09	W60	3867	08	23.8	23D	1N			P	0645	105	2.3	E
0696	KAND	28	0738		0807	N11	W36	3870	08	25.6	29	SF			C				T
0697		28	07461	07481	0804	N24	W43	3877	08	25.0	18	SF					82	1.8	F
	PEKG	28	0746	0748	0807	N24	W43	3877	08	25.0	21	SF			P	0748	126	1.8	F
	LEAR	28	0747	0749	0800	N23	W43	3877	08	25.0	13	SF		3	C		37		F
0698	CATA	28	0930	0930	0950	N10	W48	3871	08	24.8	20	S		2	C	0930	56	.9	
0699	RAMY	28	1149	1149	1257	N12	E62	3880	09	2.2	68	SN	C 2.2	3	C		74		
0700	ATHN	28	1231	1237	1256	S16	E58	3879	09	1.9	25	1B		2	V	1237	159	3.4	
		28	1459		1611	No Flare Patrol													
0701		28	1742	1743*	1803D	N10	W10	3881	08	28.0	21D	SF	C 3.9				40		K
	HOLL	28	1742	1743	1803D	N10	W10	3881	08	28.0	21D	SF		3	C		21		K
	HOLL	28	1742	1801	1803D	N10	W10	3881	08	28.0	21D	SF	C 3.9	3	C		59		K
0702		28	19541	1958	2020	N08	E27	3876	08	30.8	26	1B	C 1.9				172	2.1	F
	PALE	28	1954	1958	2022	N08	E27	3876	08	30.8	28	SB	C 1.9	3	C		164		F
	BIGB	28	1955	1958	2019	N09	E27	3876	08	30.8	24	1B		3	C	1958	180	2.1	
0703		28	2045	2047	2100	N10	W11	3881	08	28.0	15	SN					56	.6	
	BIGB	28	2045	2047	2059	N10	W11	3881	08	28.0	14	SN		3	C	2047	60	.6	
	PALE	28	2045	2047	2102	N10	W11	3881	08	28.0	17	SN		3	C		51		
0704	CULG	28	2150	2150	2151	N16	W34	3870	08	26.3	1	SF			C	2150	20	.2	
0705		28	22571	22591	2305	N15	W36	3870	08	26.2	8	SB	C 2.3				129	.8	
	PALE	28	2257	2300	2305D	N15	W36	3870	08	26.2	8D	SN	C 2.3	3	C		188		
	CULG	28	2258	2259	2305	N15	W35	3870	08	26.3	7	SB			C	2259	70	.8	
0706		28	23483	23513	2412	N15	W53	3871	08	25.0	24	SN					122	2.0	EF
	LEAR	28	2348	2351	2420	N16	W53	3871	08	25.0	32	SN		3	C		117		F
	PALE	28	2348	2352	2419	N15	W53	3871	08	25.0	31	SN		3	C		143		
	CULG	28	2348	2354	2408	N14	W53	3871	08	25.0	20	SB			C	2354	100	1.7	
	PEKG	28	2351	2353	2400	N16	W54	3871	08	24.9	9	1N			C	2353	126	2.2	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
0707		28	23486	23531	2405	N16	W39	3870	08	26.0	17	SN					75	1.0	
	BIGB	28	2348	2353	2414	N15	W42	3870	08	25.8	26	SN		3	C	2353	120	1.7	
	CULG	28	2354	2354	2356	N16	W36	3870	08	26.3	2	SF			C	2354	30	.4	
0708	LEAR	29	0138	0139	0159	S10	W65	3867	08	24.2	21	SF		3	C		26		F
0709	LEAR	29	0144	0146	0201	N06	E25	3876	08	30.9	17	SF		3	C		29		
0710	LEAR	29	0217	0219	0228	N15	W42	3870	08	25.9	11	SF		3	C		55		
0711	CULG	29	0228	0229	0232D	S19	E83	3883	09	4.4	4D	SN			P	0229	20		
0712	CULG	29	0300	0300	0305	N15	W38	3870	08	26.2	5	SF			C	0300	40	.5	
0713		29	0314*	0316*	0406	N15	W39	3870	08	26.2	52	SN	C 5.1				61	.8	DEJK
	LEAR	29	0314	0316	0333	N16	W37	3870	08	26.3	19	SN	C 5.1	3	C		63		
	PEKG	29	0320	0329	0408	N14	W44	3870	08	25.8	48	SF			P	0329	63	.9	E
	PEKG	29	0345	0346	0418	N16	W38	3870	08	26.3	33	SN			P	0346	42	.6	DK
	PEKG	29	0345	0415	0418	N16	W38	3870	08	26.3	33	SF			P	0415	46	.6	E
	CULG	29	0346	0348U	0351	N15	W37	3870	08	26.3	5	SN			C	0348	70	.9	
	CULG	29	0414	0415	0418	N15	W38	3870	08	26.3	4	SN			C	0415	60	.8	
	ABST	29	0414	0416	0420	N16	W39	3870	08	26.2	6	SN			C	0416	87	1.2	DJ
0714	TACH	29	0432E	0438U	0551	N15	E43	3880	09	1.4	79D	1B			C	0438	301	4.2	ET
0715		29	05501	05511	0556	N15	W42	3870	08	26.1	6	SN	C 2.7				65	1.0	DFJV
	CULG	29	0550	0551	0554	N14	W42	3870	08	26.1	4	SN			C	0551	40	.5	
	ABST	29	0551	0552	0555	N16	W43	3870	08	26.0	4	SN			C	0552	105	1.5	DJV
	LEAR	29	0551	0552	0559	N15	W41	3870	08	26.1	8	SF	C 2.7	3	C		50		F
0716	KAND	29	0712E		0722	N11	W49	3870	08	25.6	10D	SN			C				
0717	KAND	29	0733		0751D	N11	W49	3870	08	25.6	18D	SN			C				
0718	LEAR	29	0810	0810	0816	N05	E22	3876	08	31.0	6	SF		3	C		23		
0719	LEAR	29	0827	0828	0833	S13	E42	3879	09	1.5	6	SF		3	C		20		
0720	KHAR	29	0952E		1028D	N05	E21	3876	08	31.0	36D	SF			V	1001			
0721	KHAR	29	0954E	1000U	1014D	N15	W57	3871	08	25.1	20D	SB			P	1000	40	.7	EH
0722	KHAR	29	1027E		1055D	N08	W78	3871	08	23.6	28D	SN			V	1033			
0723		29	1455	15171	1532	S08	W76	3867	08	23.9	37	SF	C 1.4						
	RAMY	29	1455	1517	1535	S09	W75	3867	08	24.0	40	SF	C 1.4	3	C				
	HOLL	29	1455	1518	1528	S07	W76	3867	08	23.9	33	SF		3	C				
0724	RAMY	29	1550	1552	1602	N12	E46	3880	09	2.1	12	SF		3	C		42		
0725	HOLL	29	1748	1758	1805	S16	W80	3867	08	23.7	17	SF		3	C				
		29	2127		2128	No Flare Patrol													
0726	LEAR	30	0016	0017	0020	S10	W83	3867	08	23.8	4	SF		3	C				F
0727		30	0103	0105	0116	N00	E58	3882	09	3.4	13	SN					64	.9	F
	LEAR	30	0103	0105	0119	S00	E59	3882	09	3.4	16	SN		3	C		78		
	CULG	30	0107E	0107U	0114	N01	E58	3882	09	3.4	7D	SF			P	0107	50	.9	F
0728		30	0210	0220	0236	N12	E39	3880	09	2.0	26	1N					174	2.1	F
	CULG	30	0210	0220	0233	N12	E39	3880	09	2.0	23	1N			C	0220	160	2.1	F
	PALE	30	0219E	0219U	0224D	N13	E38	3880	09	2.0	5D	1N		3	C		247		
	LEAR	30	0223E	0223U	0238	N12	E40	3880	09	2.1	15D	SF		2	C		115		F
0729	CULG	30	0240	0249	0302	N09	W54	3884	08	26.0	22	1F			C	0249	120	2.1	FI
0730		30	0406	0407	0411	N21	W67	3877	08	25.0	5	SN					36		
	LEAR	30	0406	0407	0411	N21	W66	3877	08	25.1	5	SF		3	C		32		
	CULG	30	0406	0407	0411	N21	W68	3877	08	24.9	5	SN			C	0407	40		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	Mo	CMP Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0731		30	0646*	0656*	0725	N11	E43	3880	09	2.5	39	SF					60	.9	DEF
	HTPR	30	0646	0705	0722	N12	E40	3880	09	2.3	36	SF			C	0705	30	.4	E
	YUNN	30	0648	0656	0701D	N10	E44	3880	09	2.6	13D	SN			P		31	.4	D
	ABST	30	0648	0700U	0702D	N11	E45	3880	09	2.7	14D	SF			P	0700	87	1.2	D
	CATA	30	0650	0715	0735	N10	E43	3880	09	2.5	45	S		2	C	0715	112	1.6	
	LEAR	30	0654	0702	0717	N13	E43	3880	09	2.5	23	SF		3	C		42		F
	KANZ	30	0658	0705	0709D	N12	E43	3880	09	2.5	11D	SF		1					
0732	LEAR	30	0713	0718	0724	S02	E56	3882	09	3.5	11	SF		3	C		17		F
0733	KHAR	30	0802E		0830D	N07	W34	3881	08	27.8	28D	SF			V	0803			DL
0734	LEAR	30	0830	0830	0837	S02	E56	3882	09	3.5	7	SF		3	C		19		F
0735	BIGB	30	2123	2128	2205	S24	E08		08	31.5	42	SF		3	C	2128	70	.7	
0736	BIGB	30	2217	2226	2259	S31	E40		09	3.1	42	SN		3	C	2226	100	1.3	
0737	LEAR	30	2358	2359	2407	N23	W77	3877	08	25.1	9	SF		3	C				
0738		31	0119E	0133	0215	N18	E89	3886	09	6.8	56D	SF							AG
	YUNN	31	0119E	0133	0215	N16	E88	3886	09	6.7	56D				P				AG
	PALE	31	0128E	0132U	0144D	N19	E90	3886	09	6.9	16D	SF		3	C				
0739		31	01442	0148*	0242	N12	E31	3880	09	2.4	58	1B	C 9.0				325	3.0	EFKU
	PALE	31	0144	0148	0240	N12	E28	3880	09	2.2	56	1B	C 9.0	3	C		376		UF
	LEAR	31	0146	0149	0242	N11	E32	3880	09	2.5	56	1B		3	C		350		K
	LEAR	31	0146	0202	0242	N11	E32	3880	09	2.5	56	1B		3	C		475		FEK
	CULG	31	0150E	0207	0242	N13	E30	3880	09	2.3	52D	1B			P	0207	220	2.6	FEUK
	YUNN	31	0201E	0202	0215D	N11	E30	3880	09	2.3	14D	1N			P		252	3.0	F
	PURP	31	0207E	0208U	0214D	N11	E33	3880	09	2.6	7D	1B			P	0208	279	3.4	
0740	LEAR	31	0205	0209	0218	N09	W41	3881	08	28.0	13	SF		3	C		32		
0741		31	03041	03142	0332	N18	W72	3870	08	25.6	28	1N					104		F
	CULG	31	0304	0314	0328	N18	W72	3870	08	25.6	24	1N			C	0314	80		F
	LEAR	31	0305	0316	0336	N19	W71	3870	08	25.7	31	SF		3	C		127		
0742		31	0448*	05101	0530	N21	W81	3877	08	25.0	42	SF					64		DH
	LEAR	31	0448	0510	0530	N22	W77	3877	08	25.3	42	SF		3	C				H
	ABST	31	0507	0511	0515D	N21	W86	3877	08	24.6	8D	1F			P	0511	87		D
	CULG	31	0517E	0518U	0520D	N21	W81	3877	08	25.0	3D	SF			P	0518	40		
0743		31	0514*	05229	0550	N08	E71	3885	09	5.5	36	1N					124		DEFHJL
	ABST	31	0514	0522	0559	N07	E72	3885	09	5.6	45	1F			C	0522	87		DJ
	CULG	31	0515	0531	0540	N10	E67	3885	09	5.2	25	SF			P	0531	40		
	LEAR	31	0517	0526	0557	N08	E73	3885	09	5.7	40	SF		3	C				F
	TACH	31	0517	0526	0600D	N08	E71	3885	09	5.5	43D	2N			C	0526	388		EL
	PURP	31	0524	0531	0545	N08	E72	3885	09	5.6	21	SN			P	0531	42		H
	YUNN	31	0527E	0529	0548	N06	E72	3885	09	5.6	21D	1N			P		63		
0744		31	0550*	06042	0648	N13	E89	3886	09	6.9	58	1F					87		ADG
	YUNN	31	0550	0604	0725	N12	E88	3886	09	6.9	95				C				AG
	ABST	31	0604	0606	0611	N14	E90	3886	09	7.0	7	1F			C	0606	87		AD
0745	LEAR	31	0727	0727	0736	N20	W80	3877	08	25.2	9	SF	C 4.6	3	C				F
0746	LEAR	31	0823	0824	0830	N08	W46	3881	08	27.9	7	SF		3	C		22		
0747	KANZ	31	0847	0855	0903	N18	W89	3877	08	24.6	16	SF		1					
0748	HTPR	31	1104	1105	1112	S13	W30	3875A	08	29.2	8	SF			C	1105	20	.2	G
0749	KANZ	31	1126	1129	1137D	N18	W89	3877	08	24.7	11D	SN		3					
0750	HTPR	31	1331	1334	1336	S13	W31	3875A	08	29.2	5	SF			C	1334	20	.2	G
0751	HTPR	31	1405	1408	1415	S05	E49	3882	09	4.2	10	SN			C	1408	120	1.9	E

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AUGUST 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)	
0752		31	19402	19461	2010	S19	E45	3883	09	4.2	30	SN					118	1.4	
	BIGB	31	1940	1947	2011	S19	E45	3883	09	4.2	31	SN		3	C	1947	100	1.4	
	HOLL	31	1942	1946	2010	S19	E45	3883	09	4.2	28	SN		3	C		136		
0753		31	23051	23061	2318	S16	E11	3879	09	1.8	13	SN					82	1.4	F
	BIGB	31	2305	2307	2323	S16	E11	3879	09	1.8	18	SN		3	C	2307	130	1.4	
	HOLL	31	2306	2306	2313	S16	E11	3879	09	1.8	7	SF		3	C		33		F

"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.

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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)		
0001		01	00311	00341	0038	N08	W53	3881	08	28.1	7	SF					28	.5		
	CULG	01	0031	0035	0038	N09	W53	3881	08	28.1	7	SF			C	0035	30	.5		
	HOLL	01	0032	0034	0038	N06	W53	3881	08	28.1	6	SF		3	C		26			
0002		01	00361	00371	0041	S17	E40	3883	09	4.1	5	SF					55	.9	DJ	
	VORO	01	0036		0038D	S18	E40	3883	09	4.1	2D	SF			P	0036	90	1.3	DJ	
	CULG	01	0037	0037	0041	S17	E40	3883	09	4.1	4	SN			C	0037	40	.5		
	HOLL	01	0037	0038	0048D	S16	E41	3883	09	4.1	11D	SF		3	C		35			
0003	CULG	01	0121	0123	0127	S12	W38	3875A	08	29.3	6	SF			C	0123	50	.7		
0004		01	0248*	0254*	0338	N12	E14	3880	09	2.2	50	1N					302	3.2	EFJKSU	
	VORO	01	0248		0300D	N12	E14	3880	09	2.2	12D	SN			P	0256	152	1.6	EJK	
	CULG	01	0248	0254	0343	N12	E15	3880	09	2.2	55	SB			C	0254	180	1.8	SF	
	TACH	01	0316	0318	0332	N11	E14	3880	09	2.2	16	2N			C	0318	575	6.2	EU	
0005	CULG	01	0326	0330	0352	N06	W56	3881	08	28.0	26	SB			C	0330	20	.3		
0006	CULG	01	0507	0512	0543	N17	E72	3886	09	6.7	36	1F			C	0512	140			
0007		01	0730*	0744*	0833	N13	E76	3886	09	7.0	63	2N	M 3.3				750		AEIKRTUZ	
	MITK	01	0730	0746	0805	N15	E74	3886	09	6.9	35	3N			C	0746	720		E	
	LEAR	01	0731	0746	0928D	N11	E78	3886	09	7.2	117D	4B	M 3.3	3	C				ZUK	
	LEAR	01	0731	0859	0928D	N11	E78	3886	09	7.2	117D	2N		3	C				K	
	BUCA	01	0740	0744	0800	N16	E74	3886	09	6.9	20	3N			C	0744	537			
	YUNN	01	0740E	0751U	0817D	N13	E72	3886	09	6.7	37D	3B			P	0751	865		R	
	CATA	01	0740	0755	0815D	N15	E80	3886	09	7.4	35D	3		1	P	0755	1405		A	
	HTPR	01	0804E		1000D	N15	E74	3886	09	6.9	116D	1N			C	0850	300		EI	
	KAND	01	0817E	0908	0934	N08	E80	3886	09	7.3	77D	1N			C				ART	
	CATA	01	0825E	0840	0935D	N13	E75	3886	09	7.0	70D	3		2	P	0840	674			
0008	KHAR	01	0817E		0928D	N07	E68	3885B	09	6.4	71D	3N			V	0852			EFHI	
0009		01	08241	0827	0834	S05	E39	3882	09	4.3	10	SN					68	1.3	E	
	HTPR	01	0824	0827	0836	S05	E39	3882	09	4.3	12	SN			C	0826	100	1.3	E	
	LEAR	01	0825	0827	0831	S05	E39	3882	09	4.3	6	SF		3	C		35			
0010	HTPR	01	0917	0927	0947	N10	E49	3885	09	5.1	30	SF			C	0927	20	.3		
0011	HTPR	01	0943	0948	0958	S20	E37	3883	09	4.2	15	SF			C	0948	50	.6		
0012	HTPR	01	0953	1000	1025	S20	E30	3883	09	3.7	32	SN			C	1000	100	1.1	E	
0013	KHAR	01	1047E		1112D	S20	E37	3883	09	4.3	25D	SF			V	1047			H	
0014	KHAR	01	1105E	1106U	1114D	N14	E09	3891	09	2.1	9D	SN			V	1109			H	
0015		01	1136	1136	1146	S05	E35	3882	09	4.1	10	SF					53	.8	E	
	RAMY	01	1136	1136	1146	S03	E36	3882	09	4.2	10	SN			3	C		36		
	KHAR	01	1137E		1142D	S06	E36	3882	09	4.2	5D	SF			V	1140			E	
	HTPR	01	1138E		1146D	S05	E34	3882	09	4.0	8D	SF			C	1139	70	.8	E	
0016	KHAR	01	1148E		1200D	S20	E37	3883	09	4.3	12D	SF			V	1148				
0017	HOLL	01	1527	1527	1536	N10	W62	3881	08	28.1	9	SF			3	C		13		
0018	RAMY	01	1550	1551	1551D	N19	E67	3886	09	6.8	1D	SB			3	C		17		
0019	HOLL	01	1830	1830	1839	N13	E69	3886	09	7.0	9	SF			3	C		14		F
0020		01	21271	21291	2144	S04	E33	3882	09	4.4	17	SN	C 2.0				89	1.0	F	
	CULG	01	2127	2130	2131	S03	E33	3882	09	4.3	4	SN			C	2130	80	.9	F	
	HOLL	01	2128	2129	2142	S05	E33	3882	09	4.4	14	SN	C 2.0	3	C		98			
	BIGB	01	2128	2130	2200	S05	E33	3882	09	4.4	32	SN	C 2.0	3	C	2130	90	1.1		
0021	CULG	01	2316	2320	2726	S04	E31	3882	09	4.3	250	SB			C	2320	100	1.2		
0022	BIGB	02	0002	0003	0005	S07	E30	3883A	09	4.2	3	SF			3	C		60	.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	Time (UT)	Area Measurement Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	Remarks
0023	PURP	02	0052	0108U	0133	N08	W66	3881	08	28.2	41	SN			C	0108	19		D
0024		02	01303	01331	0139	S05	E30	3883A	09	4.3	9	SN					45	.6	EF
	PURP	02	0130	0133	0138	S06	E30	3883A	09	4.3	8	SB			C	0133	52	.6	E
	CULG	02	0131	0133	0138	S03	E30	3883A	09	4.3	7	SN			C	0133	50	.6	F
	LEAR	02	0133	0134	0141	S05	E31	3883A	09	4.4	8	SN		3	C		32		F
0025	LEAR	02	0148	0150	0156	S18	E21	3883	09	3.7	8	SF		3	C		21		
0026		02	02191	0222	0234	S19	E26	3883	09	4.1	15	SN	C 1.9				82	.8	EF
	LEAR	02	0219	0222	0236	S19	E26	3883	09	4.1	17	SF	C 1.9	3	C		101		
	CULG	02	0219	0222	0238	S18	E25	3883	09	4.0	19	SB			C	0222	120	1.4	F
	PURP	02	0220	0222	0228	S21	E26	3883	09	4.1	8	SN			C	0222	26	.3	E
0027		02	03001	03018	0328	N17	E70	3886B	09	7.4	28	SF	C 2.0				92		FW
	CULG	02	0300	0305	0324	N20	E67	3886B	09	7.2	24	1F			C	0305	120		F
	LEAR	02	0301	0301	0333	N15	E72	3886B	09	7.6	32	SF	C 2.0	3	C		72		F
	PURP	02	0301	0309	0314D	N17	E70	3886B	09	7.4	13D	SF			P	0309	84		W
0028	CULG	02	0305	0306	0310	N10	E46	3885	09	5.6	5	SN			C	0306	40	.6	
0029	CULG	02	0350	0355	0401	S04	E27	3883A	09	4.2	11	SF			C	0355	50	.6	
0030		02	03561	0400	0410	N14	E66	3886	09	7.1	14	SN					70	1.6	
	LEAR	02	0356	0400	0415	N13	E67	3886	09	7.2	19	SF		3	C		70		
	CULG	02	0357	0400	0406	N15	E65	3886	09	7.1	9	SN			C	0400	70	1.6	
0031	LEAR	02	0357	0359	0418	N09	W67	3881	08	28.2	21	SF		3	C		17		
0032		02	0616	06161	0626	N12	E62	3886	09	6.9	10	SF					56	1.4	D
	ABST	02	0616	0616	0625	N12	E60	3886	09	6.8	9	SF			C	0616	87	1.9	D
	LEAR	02	0616	0617	0624	N11	E64	3886	09	7.1	8	SF		3	C		32		
	CULG	02	0616	0617	0628	N13	E63	3886	09	7.0	12	SN			C	0617	50	1.0	
0033	LEAR	02	0701	0701	0722	N14	E60	3886	09	6.8	21	SF		3	C		16		
		02	0714		0720	No Flare Patrol													
0034	KHAR	02	0837E		0843D	N15	E64	3886	09	7.2	6D	SF			P	0837	90		
0035	KHAR	02	0900E	0920U	0947D	N15	E60	3886	09	6.9	47D	SF			P	0923	70	1.4	E
0036		02	0921	0924	0927D	N07	W74	3881	08	27.9	6D	SF					30		D
	KHAR	02	0920E		0927D	N06	W77	3881	08	27.7	7D	SF			P	0923	40		D
	LEAR	02	0921	0924	0926D	N08	W70	3881	08	28.2	5D	SF		3	C		19		
0037	HTPR	02	1155	1205	1232	S22	E19	3883	09	3.9	37	SF			C	1205	30	.3	E
0038		02	1259*	1305*	1315	N14	E58	3886	09	6.9	16	2N	C 4.8				375	2.3	EF
	HTPR	02	1259	1305	1315	N14	E58	3886	09	6.9	16	1N			C	1305	120	2.3	E
	RAMY	02	1318	1355	1736D	N14	E58	3886	09	6.9	258D	2N	C 4.8	3	C		630		F
0039		02	1303*		1322	N08	E58	3885B	09	6.9	19	1B							
	KAND	02	1303		1322	N08	E56	3885B	09	6.7	19	1B			C				
	KAND	02	1324		1329D	N08	E60	3885B	09	7.0	5D	1N			C				
0040	HTPR	02	1329	1346	1352	N13	W06	3880	09	2.1	23	SF			C	1346	140	1.4	E
0041	KANZ	02	1419	1426	1435	S21	E19	3883	09	4.0	16	SF		2					
0042	KANZ	02	1519	1528	1534	S21	E19	3883	09	4.1	15	SF		2					L
0043	RAMY	02	1604	1607	1611	S22	E17	3883	09	4.0	7	SF		3	C		27		
0044		02	18268	18402	1937	N14	E64	3886	09	7.6	71	1N	C 9.4				160		F
	HOLL	02	1826	1840	1940	N16	E58	3886	09	7.2	74	1N	C 9.4	3	C		190		F
	BIGB	02	1834	1842	1934	N13	E69	3886	09	8.0	60	1N		2	C	1842	130		

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0045	HOLL	02	1839	1852	1914	S22	E17	3883	09	4.1	35	SF		3	C		36		
0046	PALE	02	2017E	2033U	2039D	S21	E16	3883	09	4.1	22D	SF	C 2.7	3	C		162		
0047	CULG	02	2117	2118	2119	S22	E16	3883	09	4.1	2	SN			C	2118	60	.7	
0048	PALE	02	2149	2159	2221	N16	E55	3886	09	7.1	32	SN	C 2.6	3	C		70		F
0049	PEKG	02	2243E	2243	2245	N14	E56	3886	09	7.2	2D	SF			C	2243	21	.4	D
0050	PEKG	02	2301E	2301	2308	N14	E55	3886	09	7.1	7D	SF			C	2301	17	.3	D
0051	PEKG	02	2301	2301	2302D	S19	E16	3883	09	4.2	1D	SF			P	2301	29	.4	D
0052	LEAR	02	2338	2338	2348	N11	E50	3886	09	6.7	10	SF		2	C		20		
0053	PEKG	03	0026	0041	0045D	N10	E37	3885	09	5.8	19D	1N			C	0041	336	4.3	FU
0054	CULG	03	0042	0046	0054	S21	E13	3883	09	4.0	12	SN			C	0046	90	1.1	F
0055		03	0116*	0122*	0208	N14	E50	3886	09	6.8	52	1N	C 3.0				180	2.5	EFJK
	LEAR	03	0116	0125	0234	N15	E53	3886	09	7.1	78	1N	C 3.0	3	C		207		K
	LEAR	03	0116	0200	0234	N15	E53	3886	09	7.1	78	1N	C 3.0	3	C		201		FK
	PEKG	03	0120	0122	0127	N14	E54	3886	09	7.1	7	1N			C	0122	130	2.2	E
	VORO	03	0123	0124	0134	N16	E53	3886	09	7.1	11	1N			C	0124	134	2.1	EJ
	PURP	03	0155	0158	0203D	N11	E47	3886	09	6.6	8D	1N			P	0158	181	2.7	
	CULG	03	0155	0159	0222	N13	E46	3886	09	6.5	27	1N			C	0159	220	3.0	F
	VORO	03	0156	0200	0216	N14	E47	3886	09	6.6	20	1F			C	0200	188	2.8	EJ
0056	CULG	03	0144	0148	0207	S21	E12	3883	09	4.0	23	SF			C	0148	110	1.3	F
0057	ABST	03	0417	0419	0423D	S21	E11	3883	09	4.0	6D	SF			P	0419	87	1.0	E
0058	YUNN	03	0512	0514	0516D	N11	E50	3886	09	7.0	4D	SN			P		47	.7	E
0059	HTPR	03	0558E		0727D	N14	E32	3885	09	5.7	89D	3N			C	0558	1800	2.1	BEIU
0060	LEAR	03	0602	0604	0616	S20	E13	3883	09	4.2	14	SF		3	C		42		
0061		03	06063	06092	0622	N14	E50	3886	09	7.0	16	SN	C 3.9				78	1.5	EFU
	PEKG	03	0606	0609	0617	N15	E51	3886	09	7.1	11	SN			P	0609	92	1.5	E
	LEAR	03	0609	0611	0626	N14	E49	3886	09	6.9	17	SN	C 3.9	3	C		63		UF
0062	HTPR	03	0809E		0910	N14	E31	3885	09	5.7	61D	2N			C	0809	1000	1.2	BEIU
0063	KANZ	03	0827	0836	0843	N05	W41	3887	08	31.3	16	SF		3					
0064	HTPR	03	0851	0855	0902	N06	W54	3887	08	30.4	11	SF			C	0855	80	1.4	E
0065	KANZ	03	0952	0956	1010	N05	W41	3887	08	31.3	18	SF		2					
0066	HTPR	03	1023	1024	1041	N11	E30	3885	09	5.7	18	SF			C	1024	20	.2	E
0067	KAND	03	1205		1219	N08	E48	3885B	09	7.1	14	SF			C				E
0068		03	1331*	14043	1505	N06	W44	3887	08	31.3	94	SF	C 1.4				102		F
	RAMY	03	1331	1406	1540	N06	W44	3887	08	31.3	129	SN	C 1.4	3	C		146		
	KANZ	03	1354	1407	1430	N05	W44	3887	08	31.3	36	SF		2					
	HOLL	03	1359	1404	1437D	N08	W44	3887	08	31.3	38D	SF		3	C		59		F
0069		03	1400*	15051	1527	N15	E46	3886	09	7.1	87	SN	C 2.9				72		F
	RAMY	03	1400	1506	1535	N14	E47	3886	09	7.1	95	SN		3	C		112		F
	KANZ	03	1438	1506	1526	N15	E45	3886	09	7.0	48	SN		2					
	HOLL	03	1505	1505	1519	N15	E46	3886	09	7.1	14	SN	C 2.9	3	C		31		F
0070		03	15461	15482	1556	N05	W46	3887	08	31.2	10	SF					40		
	KANZ	03	1546	1548	1554	N05	W46	3887	08	31.2	8	SF		2					
	RAMY	03	1547	1550	1557	N05	W47	3887	08	31.1	10	SF		3	C		40		

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Xray	Obs See	Type	Time (UT)	Area Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	Remarks
0071	KANZ	03	1554	1602	1614D	N18	E38	3885C	09	6.5	20D	SN	2					
0072	RAMY	03	1608	1609	1622	S18	E03	3883	09	3.9	14	SF	3	C		88		
0073	HOLL	03	1820	1821	1837	S14	W56	3875C	08	30.6	17	SF	3	C		21		
0074		03	18343	18391	1859	S20	E02	3883	09	3.9	25	SB				131	1.0	F
	BIGB	03	1834	1840	1907	S20	E02	3883	09	3.9	33	SN	2	C	1840	100	1.0	
	RAMY	03	1836	1840	1904	S21	E04	3883	09	4.1	28	SB	3	C		190		
	HOLL	03	1837	1839	1851	S21	E02	3883	09	3.9	14	SN	3	C		119		F
	PALE	03	1837	1839	1853	S20	E02	3883	09	3.9	16	SB	3	C		114		
0075	HOLL	03	1848	1851	1900	S13	W58	3875C	08	30.5	12	SF	3	C		17		
0076		03	19192	19236	1942	N06	W48	3887	08	31.2	23	SN	C 2.3			41		
	PALE	03	1919	1923	1940	N05	W48	3887	08	31.2	21	SN		3	C	45		
	HOLL	03	1921	1929	1944	N06	W48	3887	08	31.2	23	SN	C 2.3	3	C	37		
0077	CULG	03	2331	2333	2336	S20	W02	3883	09	3.8	5	SF		C	2333	60	.6	
0078		03	2342	23443	2358	N09	E21	3885	09	5.6	16	SN				61	.7	DFJK
	HOLL	03	2342	2344	2355	N09	E22	3885	09	5.6	13	SN	3	C		60		
	LEAR	03	2342	2344	2405	N09	E22	3885	09	5.6	23	SN	3	C		60		F
	VORO	03	2342	2347	2353	N08	E20	3885	09	5.5	11	SF		C	2347	63	.7	DJK
0079		03	2344	2350*	2736	N10	E36	3886	09	6.7	232	1B				559		KUZ
	LEAR	03	2344	2350	2736	N10	E36	3886	09	6.7	232	SN	3	C		57		K
	LEAR	03	2344	2448	2736	N10	E36	3886	09	6.7	232	2B	3	C		1061		ZUK
0080		03	23584	23593	2412	N06	W51	3887	08	31.2	14	SF				23	.3	
	LEAR	03	2358	2359	2412	N06	W51	3887	08	31.2	14	SF	3	C		31		
	CULG	03	2359	2402	2405	N05	W51	3887	08	31.2	6	SN		C	2402	20	.3	
	HOLL	04	0002	0002	0018	N06	W50	3887	08	31.2	16	SF	3	C		19		
0081		04	0025*	0029*	0120	N12	E38	3886	09	6.9	55	2B				765	10.7	EFJKUW
	VORO	04	0025		0300D	N12	E38	3886	09	6.9	155D	3N		C	0049	2150	24.3	EJK
	CULG	04	0025	0029	0045	N11	E34	3886	09	6.6	20	1B		C	0029	280	3.3	FE
	HOLL	04	0026	0029	0029D	N13	E38	3886	09	6.9	3D	1B	3	C		232		UE
	YUNN	04	0033E	0047	0155	N11	E39	3886	09	6.9	82D	1B		P		362	4.8	FWW
	CULG	04	0043	0052	0154D	N12	E40	3886	09	7.0	71D	2B		P	0052	800	10.4	FE
0082	CULG	04	0126	0340U	0659	N22	E29	3885C	09	6.3	333	3N		P	0340	1480	17.8	FIU
0083	PEKG	04	0229	0234	0243	N06	W63	3887	08	30.5	14	SN		P	0234	21	.5	D
0084		04	0424	0430*	0742D	N12	E33	3886	09	6.7	198D	2N				1969	23.9	EHJKLTU
	TACH	04	0322E		0640D	N10	E30	3886	09	6.4	198D	4F		C	0359	4332	54.2	EHITU
	PEKG	04	0400E	0435	0555D	N13	E33	3886	09	6.6	115D	3N		C	0435	1473	18.0	IJKLUW
	PEKG	04	0400E	0456	0555D	N13	E33	3886	09	6.6	115D	3N		P	0456	1178	14.4	U
	MITK	04	0421E		0742D	N10	E32	3886	09	6.6	201D	4N		C	0422	3000	36.2	U
	ABST	04	0424	0430	0456D	N10	E42	3886	09	7.3	32D	2N		P	0430	698	8.1	EJ
	ABST	04	0424	0430	0456D	N15	E30	3886	09	6.4	32D	2N		P	0430	1135	12.3	EJ
0085		04	0443*	04542	0502	N05	W51	3887	08	31.4	19	SN				51	.6	FK
	CULG	04	0443	0455	0502	N04	W52	3887	08	31.3	19	SN		C	0455	50	.8	KF
	YUNN	04	0444	0454	0500D	N06	W51	3887	08	31.4	16D	SN		P		31	.5	
	LEAR	04	0454	0456	0503	N05	W51	3887	08	31.4	9	SF	2	C		73		F
0086		04	0618E	0635*	1000D	N13	E33	3886	09	6.7	222D	3N				1241	13.6	BIU
	WEND	04	0618E		1000D	N13	E32	3886	09	6.7	222D	3N		C	0618	1100	13.8	BIU
	CATA	04	0630E	0635	0745D	N13	E30	3886	09	6.5	75D	3	2	P	0635	1124	13.4	
	MONT	04	0720E	0720	0900D	N14	E37	3886	09	7.1	100D	3N		C	0720	1500		B
0087	CATA	04	0630E	0635	0745D	N07	E37	3886A	09	7.0	75D	2	2	P	0635	843	10.8	TU
0088		04	07203	07261	0739	S13	W64	3875C	08	30.6	19	SF				30		
	KANZ	04	0720	0726	0738	S13	W64	3875C	08	30.6	18	SF	2					
	LEAR	04	0723	0727	0740	S13	W64	3875C	08	30.6	17	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	Obs See	Type	Time (UT)	Area Measurement		Remarks
																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0089		04	08531	08543	0907	N06	W55	3887	08	31.2	14	SN					25	.4	
	KHAR	04	0853E		0911	N07	W55	3887	08	31.2	18D	SF		V	0855				
	WEND	04	0853	0857	0903	N07	W55	3887	08	31.2	10	SN		C	0857		25	.4	
	KANZ	04	0854	0854	0906	N05	W55	3887	08	31.2	12	SN				3			
0090	KHAR	04	0918E		0938	N24	E39	3886B	09	7.4	20D	SF		V	0922				
0091		04	09374	09401	0949	N12	W32	3891	09	2.0	12	SN					55	.7	
	WEND	04	0937	0940	0946	N14	W32	3891	09	2.0	9	SF		C	0940		30	.4	
	KHAR	04	0939E		0948	N12	W33	3891	09	1.9	9D	SN		P	0939		80	1.0	
	KANZ	04	0941	0941	0953	N11	W31	3891	09	2.1	12	SN				3			
0092		04	1017	1025	1035	N07	W56	3887	08	31.2	18	SF					28	.5	
	WEND	04	1017	1025	1034	N07	W56	3887	08	31.2	17	SF		C	1025		28	.5	
	KHAR	04	1020E		1036	N07	W55	3887	08	31.3	16D	SF		V	1023				
0093		04	10176	1026	1042	N11	E30	3886	09	6.7	25	SN					60	.7	E
	WEND	04	1017	1026	1042	N11	E31	3886	09	6.8	25	SN		C	1026		60	.7	
	KHAR	04	1022E	1025U	1042D	N11	E30	3886	09	6.7	20D	SF		P	1025		60	.7	E
	KANZ	04	1023	1026	1041	N11	E30	3886	09	6.7	18	SN				3			
0094		04	1056	1107	1123	N06	W56	3887	08	31.3	27	SF					32	.6	E
	WEND	04	1056	1107	1128	N07	W56	3887	08	31.3	32	SF		C	1107		34	.6	
	HTPR	04	1110E		1118	N05	W57	3887	08	31.2	8D	SF		C	1113		30	.5	E
0095		04	1132	1135	1145	N11	E30	3886	09	6.7	13	SN					38	.4	E
	HTPR	04	1132	1135	1143	N11	E30	3886	09	6.7	11	SF		C	1135		20	.2	E
	WEND	04	1132	1135	1147	N11	E30	3886	09	6.7	15	SN		C	1135		56	.7	
0096	HTPR	04	1246	1248	1303	N05	W58	3887	08	31.2	17	SF		C	1248		20	.4	
0097		04	1248*	13224	1344	N06	W57	3887	08	31.3	56	SN					105	2.0	E
	WEND	04	1248	1324	1342	N07	W57	3887	08	31.3	54	SN		C	1324		44	.8	
	LVOV	04	1315	1322	1337	N06	W57	3887	08	31.3	22	1F		C	1322		250	4.9	E
	HTPR	04	1320	1324	1341	N05	W58	3887	08	31.2	21	SF		C	1324		20	.4	
	KANZ	04	1326E	1326	1355	N05	W57	3887	08	31.3	29D	SN				3			
0098		04	13392	13412	1401	N08	E14	3885	09	5.6	22	SF					27	.3	
	HTPR	04	1339	1343	1348	N07	E13	3885	09	5.5	9	SF		C	1343		30	.3	
	KANZ	04	1341	1341	1407	N09	E14	3885	09	5.6	26	SF				3			
	RAMY	04	1341	1342	1409	N08	E14	3885	09	5.6	28	SF		C			24		
0099		04	13512	13551	1402	S19	W14	3883	09	3.5	11	SN					25	.2	
	KANZ	04	1351	1355	1403	S19	W14	3883	09	3.5	12	SF				3			
	HTPR	04	1352	1355	1359	S20	W15	3883	09	3.4	7	SN		C	1355		30	.3	
	WEND	04	1352	1355	1403	S19	W14	3883	09	3.5	11	SF		C	1355		18	.2	
	RAMY	04	1353	1356	1403	S19	W15	3883	09	3.4	10	SN				3			
0100		04	14521	14551	1504	N10	E14	3885	09	5.7	12	SF					50	.5	E
	HTPR	04	1452	1456	1503	N10	E13	3885	09	5.6	11	SF		C	1456		60	.6	E
	WEND	04	1453	1455	1504	N09	E14	3885	09	5.7	11	SF		C	1455		40	.4	
0101		04	14564	14593	1507	S20	W15	3883	09	3.5	11	SN					32	.3	
	HTPR	04	1456	1500	1508	S20	W14	3883	09	3.5	12	SN		C	1500		40	.4	
	WEND	04	1457	1502	1506	S19	W15	3883	09	3.5	9	SN		C	1502		22	.2	
	KANZ	04	1459	1459	1507	S20	W15	3883	09	3.5	8	SN				3			
	HOLL	04	1500	1501	1506	S19	W16	3883	09	3.4	6	SF				3			
0102	HOLL	04	1530	1534	1554	N07	W58	3887	08	31.3	24	SF		3	C		45		
0103		04	15584	16033	1614	N11	E27	3886	09	6.7	16	SF					35	.4	
	WEND	04	1558	1603	1617	N11	E28	3886	09	6.8	19	SF		C	1603		34	.4	
	HOLL	04	1602	1603	1612	N12	E26	3886	09	6.6	10	SF		3	C		36		
	RAMY	04	1602	1606	1612	N11	E26	3886	09	6.6	10	SF		3	C		34		
0104	HTPR	04	1608E		1624D	N09	E13	3885	09	5.6	16D	SF		C	1608		60	.6	E
0105		04	16374	1643	1700	N11	E26	3886	09	6.6	23	1N C 4.4					250	1.7	EFU
	HOLL	04	1637	1643	1705	N10	E26	3886	09	6.6	28	1N C 4.4	3	C			314		UF
	RAMY	04	1638	1643	1702	N11	E26	3886	09	6.6	24	1B	3	C			286		F
	HTPR	04	1641		1654	N11	E26	3886	09	6.6	13	SN		C	1643		150	1.7	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)	
0106	PALE	04	1724	1752	1802	S21	W11	3883	09	3.9	38	SF		3	C		82		
0107	HOLL	04	1733	1733	1826	N07	W59	3887	08	31.3	53	SF		3	C		27		
0108	HOLL	04	1817	1817	1827	S20	W12	3883	09	3.8	10	SN		3	C		43		
0109		04	1835	18367	1907	N06	W61	3887	08	31.2	32	SF					14		K
	HOLL	04	1835	1836	1907	N06	W61	3887	08	31.2	32	SF		3	C		15		K
	HOLL	04	1835	1843	1907	N06	W61	3887	08	31.2	32	SF		3	C		14		K
0110	HOLL	04	1837	1842	1852	N12	E24	3886	09	6.6	15	SF		3	C		26		
0111		04	2026	2027	2038	N07	E70	3890	09	10.1	12	SF							
	HOLL	04	2026	2027	2032	N07	E73	3890	09	10.3	6	SF		3	C				
	PALE	04	2026	2027	2043	N07	E67	3890	09	9.9	17	SF		3	C				
0112	PALE	04	2156E	2157U	2209	S20	W13	3883	09	3.9	130	SF		3	C		27		
0113	HOLL	04	2235	2240	2245	S20	W14	3883	09	3.9	10	SF		3	C		23		F
0114		04	22571	2259*	2314	S21	W14	3883	09	3.9	17	SF					51	.7	F
	CULG	04	2257	2259	2302	S21	W13	3883	09	3.9	5	SF			C	2259	60	.7	
	HOLL	04	2258	2310	2325	S21	W14	3883	09	3.9	27	SF		3	C		42		F
0115	HOLL	05	0001	0002	0010	S20	W15	3883	09	3.8	9	SF		3	C		44		F
0116	YUNN	05	0231	0233	0237	N05	W61	3887	08	31.5	6	SN			C		31	.7	
0117		05	0307*	0313*	0344	N05	W65	3887	08	31.3	37	SN	C 3.7				60	.8	EFK
	PEKG	05	0307	0313	0350	N07	W66	3887	08	31.2	43	SN			C	0313	76		EK
	PEKG	05	0307	0328U	0350	N07	W65	3887	08	31.3	43	SN			C	0328	76		E
	PALE	05	0310	0326	0357D	N04	W66	3887	08	31.2	47D	SN	C 3.7	3	C		64		F
	CULG	05	0321	0324	0331	N04	W64	3887	08	31.3	10	SF			C	0324	40	.8	F
	YUNN	05	0336E	0340U	0343D	N06	W66	3887	08	31.2	7D	SN			P	0340	47		E
0118	LEAR	05	0509	0511	0519	S21	W18	3883	09	3.8	10	SF		3	C		22		
0119	LEAR	05	0512	0514	0522	N05	W66	3887	08	31.3	10	SF		3	C		18		
0120	LEAR	05	0530	0534	0540	N13	E22	3886	09	6.9	10	SF		3	C		62		
0121	KANZ	05	0726E		0802	N12	E22	3886	09	7.0	36D	SN		2					B
0122		05	07351	07353	0747	S23	W19	3883	09	3.8	12	SN					77	.9	E
	KHAR	05	0732E	0735U	0745D	S23	W22	3883	09	3.6	13D	SF			P	0735	120	1.5	E
	KANZ	05	0735	0735	0747	S23	W16	3883	09	4.1	12	SN		2					
	WEND	05	0735	0738	0742	S22	W19	3883	09	3.8	7	SF			C	0738	69	.8	
	PEKG	05	0736	0737U	0751	S23	W19	3883	09	3.8	15	SN			C	0737	42	.5	E
0123		05	07432	07434	0752	S14	W82	3875C	08	30.2	9	SN					31		A
	KANZ	05	0743	0743	0754	S15	W85	3875C	08	30.0	11	SN		3					
	LEAR	05	0744	0746	0749	S15	W82	3875C	08	30.2	5	SF		3	C				
	YUNN	05	0745	0747	0754	S12	W80	3875C	08	30.4	9	SN			C		31		A
0124		05	08182	0822	0830	N06	W67	3887	08	31.3	12	SF					54		E
	KHAR	05	0818E	0818U	0828D	N06	W70	3887	08	31.1	10D	SF			P	0818	70		E
	KANZ	05	0818	0822	0826	N04	W67	3887	08	31.3	8	SF		2					
	WEND	05	0820	0822	0834	N07	W65	3887	08	31.5	14	SN			C	0822	38		
0125		05	0932*	09454	0957	S14	W85	3875C	08	30.1	25	SN					58		A
	KANZ	05	0932	0949	0957	S16	W85	3875C	08	30.0	25	SN		3					
	KHAR	05	0943E		1015D	S12	W85	3875C	08	30.1	32D	SN			V	0952			
	YUNN	05	0943	0946	0946D	S12	W80	3875C	08	30.5	3D	SN			P		31		A
	CATA	05	0945	0945	0955D	S18	W90	3875C	08	29.6	10D	1		2	P	0945	84		
0126		05	10082	10169	1049	S09	E79	3895	09	11.3	41	SN					38		EL
	KANZ	05	1008	1016	1048	S07	E78	3895	09	11.3	40	SN		2					
	WEND	05	1010	1025	1050	S10	E78	3895	09	11.3	40	SN			C	1025	38		
	KHAR	05	1020E		1115D	S11	E80	3895	09	11.4	55D	1F			V	1025			EL

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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
0127	KHAR	05	1037E		1102D	S12	W85	3875C	08	30.1	25D	SF			V	1037			
0128		05	1056	1100	1106	N06	W68	3887	08	31.4	10	SN					25		H
	KHAR	05	1042E	1102U	1128D	N06	W69	3887	08	31.3	46D	SN			V	1102			H
	WEND	05	1056	1100	1106	N07	W68	3887	08	31.4	10	SN			C	1100	25		
0129		05	13392	13443	1404	N11	E11	3886	09	6.4	25	SN	C 1.7				194	2.3	E
	KANZ	05	1339	1347	1410	N10	E11	3886	09	6.4	31	SN		3					
	RAMY	05	1340	1345	1410	N11	E12	3886	09	6.5	30	SN	C 1.7	3	C		150		
	WEND	05	1340	1347	1358	N11	E11	3886	09	6.4	18	SN			C	1347	81	.9	
	LVOV	05	1341	1344	1359	N12	E11	3886	09	6.4	18	1F			C	1344	350	3.7	E
0130	LVOV	05	1349	1352	1410	S18	W24	3883	09	3.7	21	1F			C	1352	200	2.5	D
0131		05	17446	18041	1844	N16	W51	3891	09	1.9	60	SN	C 1.8				95		F
	RAMY	05	1744	1804	1851	N15	W50	3891	09	1.9	67	SN	C 1.8	3	C		112		
	HOLL	05	1750	1805	1836	N16	W52	3891	09	1.8	46	SN		3	C		78		F
0132	RAMY	05	1801	1809U	1856	S20	W27	3883	09	3.7	55	SF		3	C		40		
0133	HOLL	05	1901	1906	1913	S14	W55	3879	09	1.6	12	SF		3	C		30		F
0134	HOLL	05	1906	1909	1919	S19	W28	3883	09	3.6	13	SF		3	C		30		F
0135	RAMY	05	1931	1932	1948	N16	E16	3886	09	7.0	17	SN	C 1.4	3	C		50		
0136	HOLL	05	1959E	2001U	2017D	N16	W53	3891	09	1.8	18D	SN	C 2.2	3	C		71		F
0137	HOLL	05	2112	2112	2118	S14	W56	3879	09	1.6	6	SF		3	C		18		F
0138	PEKG	05	2351	2355	2400	N07	W76	3887	08	31.3	9	SF			P	2355	34		D
0139		06	00262	00282	0034	S20	W27	3883	09	3.9	8	SF					58	.7	F
	CULG	06	0026	0028	0032	S21	W26	3883	09	4.0	6	SF			C	0028	60	.7	
	HOLL	06	0028	0030	0035	S20	W28	3883	09	3.9	7	SF		3	C		56		F
0140	YUNN	06	0106E	0110	0112D	N06	W78	3887	08	31.2	6D	SN			P		31		
0141		06	0150	0153	0222	N11	E13	3886	09	7.0	32	1B					365	3.8	EFL
	CULG	06	0149E	0152U	0157D	N12	E11	3886	09	6.9	8D	1B			P	0152	240	2.4	FE
	PEKG	06	0150	0153	0209	N10	E13	3886	09	7.0	19	1B			C	0153	463	4.9	FL
	YUNN	06	0153E	0154U	0235	N11	E14	3886	09	7.1	42D	1B			P	0154	393	4.2	F
0142	PEKG	06	0151	0153	0155	N13	E01	3886	09	6.1	4	SN			C	0153	76	.8	E
0143		06	0431	0432	0459	N15	E12	3886	09	7.1	28	SN	C 2.1				120	1.3	E
	LEAR	06	0431	0432	0513	N15	E12	3886	09	7.1	42	SN	C 2.1	3	C		113		
	YUNN	06	0435E	0436U	0445	N15	E12	3886	09	7.1	10D	SN			P	0436	126	1.3	E
0144		06	0522	05223	0531	N06	W78	3887	08	31.4	9	SN					47		
	LEAR	06	0522	0522	0531	N06	W76	3887	08	31.5	9	SF		3	C				
	YUNN	06	0522E	0525	0531	N07	W79	3887	08	31.3	9D	SN			P		47		
0145	LEAR	06	0554	0555	0614	N09	E12	3886	09	7.1	20	SF		3	C		69		F
0146	ABST	06	0848	0848	0857D	N09	E11	3886A	09	7.2	9D	SF			P	0848	87	.9	E
0147	KAND	06	1044		1059	N10	E05	3886	09	6.8	15	SF			C				D
0148	KAND	06	1105		1122	N15	E08	3886	09	7.1	17	SF			C				
0149	HOLL	06	1523	1524	1527	S12	E62	3895	09	11.3	4	SF		3	C		25		F
0150	HOLL	06	1643	1650	1701	S20	W38	3883	09	3.8	18	SF		3	C		39		F
0151		06	1814	18215	1844	N14	E02	3886	09	6.9	30	SN	C 1.5				62		F
	PALE	06	1814	1821	1841	N14	E02	3886	09	6.9	27	SN		3	C		47		F
	HOLL	06	1814	1826	1846	N14	E03	3886	09	7.0	32	SF	C 1.5	3	C		78		F

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF/Region			CMP Mo	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Time (UT)	Area Measurement			Remarks
						Lat	CMD										Apparent (10-6 Disk)	Corr (Sq Deg)		
0152		06	2020	20221	2030	S14	E58	3895	09	11.2	10	1N	C 1.7					162		
	HOLL	06	2020	2022	2028	S13	E63	3895	09	11.6	8	SN	C 1.7	3	C			115		
	RAMY	06	2020	2023	2032	S15	E53	3895	09	10.8	12	1N		3	C			209		
0153	PALE	06	2249	2249	2254	S19	W42	3883	09	3.7	5	SF		3	C			27		
0154		06	2337	23381	2346	N16	E01	3886	09	7.0	9	SF						50	.6	F
	PALE	06	2337	2338	2348	N15	E01	3886	09	7.0	11	SF		3	C			41		F
	CULG	06	2337	2339	2345	N16	E01	3886	09	7.0	8	SF			C	2339		60	.6	F
0155	PALE	07	0014	0015	0020	S09	E57	3895	09	11.3	6	SF		3	C			36		
0156	CULG	07	0047	0051	0100	S22	W42	3883	09	3.8	13	SF			C	0051		40	.6	
0157		07	03436	03457	0403	S21	W48	3883	09	3.5	20	SN	C 1.6					60	1.4	DFH
	YUNN	07	0343	0345	0347D	S22	W51	3883	09	3.2	4D	SN			P		47		D	
	CULG	07	0343	0349	0402	S21	W46	3883	09	3.6	19	SN			C	0349	90	1.4	F	
	LEAR	07	0345	0345	0411	S21	W48	3883	09	3.5	26	SN	C 1.6	3	C		18		FH	
	PURP	07	0349	0352	0357	S21	W47	3883	09	3.5	8	SN			C	0352	84	1.5		
0158	TACH	07	0348	0350	0404	N22	E52	3894	09	11.1	16	SB			C	0350	80	1.5	D	
0159		07	0503	0503	0506	S21	W50	3883	09	3.4	3	SN						46	.8	D
	CULG	07	0503	0503	0506	S22	W50	3883	09	3.4	3	SF			C	0503	30	.5		
	YUNN	07	0505E	0505U	0506D	S20	W51	3883	09	3.3	1D	SN			P	0505	63	1.2	D	
0160	TACH	07	0508	0552	0600D	S11	W58	3879	09	2.8	52D	2F			C	0552	495	10.2	U	
0161		07	0540	0548	0621	S10	E57	3895	09	11.5	41	1N					174	3.6	EF	
	YUNN	07	0540	0548	0621	S09	E53	3895	09	11.2	41	1B			C		126	2.3	E	
	PURP	07	0548E	0549U	0621	S10	E60	3895	09	11.8	33D	1B			C	0549	213	4.6		
	ABST	07	0612E	0622U	0635D	S10	E57	3895	09	11.5	23D	1F			P	0622	183	4.0	F	
0162	KANZ	07	0701	0705	0705D	N17	W06	3886	09	6.8	4D	SF		2						
0163	KANZ	07	0721		0730D	N25	W59	3888	09	2.7	9D	SN		2						
0164	CATA	07	0735	0735	0740	S07	E62	3895	09	12.0	5	1		2	C	0735	112	2.6		
0165	HTPR	07	0842		0945D	N09	W25	3885	09	5.5	63D	SN			C	0850	60	.7	E	
		07	1001		1024	No Flare Patrol														
		07	1031		1054	No Flare Patrol														
		07	1121		1128	No Flare Patrol														
0166	RAMY	07	1130	1301	1331	N09	W27	3885	09	5.4	121	SF		3	C			49		
0167	HTPR	07	1334	1349	1445	N25	W61	3888	09	2.8	71	SF			C	1349	80	1.6	E	
0168		07	1454	1501*	1732	N24	W62	3888	09	2.8	158	SN					28		K	
	RAMY	07	1454	1501	1732	N24	W62	3888	09	2.8	158	SF		3	C		22		K	
	RAMY	07	1454	1514	1732	N24	W62	3888	09	2.8	158	SN		3	C		33		K	
0169	HTPR	07	1456	1501	1504	N09	W28	3885	09	5.5	8	SF			C	1501	40	.4	E	
0170		07	16521	16531	1711	N08	W30	3885	09	5.4	19	SN					58		F	
	HOLL	07	1652	1654	1714	N08	W30	3885	09	5.4	22	SF		3	C		69		F	
	RAMY	07	1653	1653	1708	N07	W30	3885	09	5.4	15	SN		3	C		48			
0171		07	17091	17101	1718	S21	W57	3883	09	3.3	9	SB					56	1.3	E	
	BIGB	07	1709	1710	1721	S20	W57	3883	09	3.3	12	SB		3	C	1710	70	1.3		
	HOLL	07	1710	1710	1717	S20	W57	3883	09	3.3	7	SB		3	C		58		E	
	RAMY	07	1710	1711	1716	S22	W58	3883	09	3.2	6	SB		3	C		40			
0172		07	18092	18129	1900	S09	E48	3895	09	11.3	51	1N	C 6.1				183	3.7	EFHK	
	PALE	07	1809	1819	1903	S08	E48	3895	09	11.3	54	1B		4	C		196		FE	
	BIGB	07	1809	1820	1903	S09	E48	3895	09	11.3	54	1N		3	C	1820	240	3.7		
	RAMY	07	1810	1812	1857	S09	E48	3895	09	11.3	47	SN		3	C		140		K	
	RAMY	07	1810	1821	1857	S09	E48	3895	09	11.3	47	1N	C 6.1	3	C		218		FK	
	HOLL	07	1811	1824U	1901	S10	E48	3895	09	11.4	50	SN		3	C		122		FH	

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF			CMP Mo	Day	Dur (Min)	Imp		Obs See	Type	Time (UT)	Area Measurement		Remarks
						Lat	CMD	Region				Xray	Opt				Apparent (10-6 Disk)	Corr (Sq Deg)	
0173		07	18183	1825*	1923	N08	W31	3885	09	5.4	65	1B	C 4.9				221	2.6	EFK
	BIGB	07	1818	1853	1927	N08	W31	3885	09	5.4	69	1B		3	C	1853	220	2.6	
	PALE	07	1820	1825	1924	N08	W31	3885	09	5.4	64	SB		4	C		121		
	PALE	07	1820	1852	1924	N08	W31	3885	09	5.4	64	1B	C 4.9	4	C		209		
	HOLL	07	1821	1825	1914D	N08	W32	3885	09	5.4	53D	SN		3	C		126		
	RAMY	07	1821	1828	1921	N07	W31	3885	09	5.4	60	SN		3	C		138		
	RAMY	07	1821	1852	1921	N07	W31	3885	09	5.4	60	1B		3	C		300		
	HOLL	07	1821	1854	1914D	N08	W32	3885	09	5.4	53D	1N		3	C		433		
0174	RAMY	07	1828	1828	1835	N07	W18	3886A	09	6.4	7	SF		3	C		29		
0175		07	2006	20154	2050	N26	W61	3888	09	3.1	44	1N					67	2.1	
	RAMY	07	2006	2015	2049	N26	W61	3888	09	3.1	43	SN		3	C		34		
	BIGB	07	2006	2019	2051	N26	W61	3888	09	3.1	45	1N		3	C	2019	100	2.1	
0176	HOLL	07	2137	2138	2142	N20	W31	3897	09	5.5	5	SF		3	C		25		
0177	HOLL	07	2138	2138	2149	N10	W32	3885	09	5.5	11	SF		3	C		25		F
0178	HOLL	07	2228	2232	2241	N20	W32	3897	09	5.5	13	SF		3	C		27		
0179	HOLL	07	2243	2247	2251	N08	W33	3885	09	5.5	8	SF		3	C		20		
0180	BIGB	07	2303	2305	2319	S30	W38		09	5.0	16	SN		3	C	2305	100	1.3	
		07	2331		2349	No Flare Patrol													
0181		08	0030	00313	0042	N20	W34	3897	09	5.4	12	SN	C 2.0				55	.6	EH H E
	LEAR	08	0030	0031	0043	N19	W33	3897	09	5.5	13	SN	C 2.0	3	C		60		
	PEKG	08	0030	0034	0040	N20	W34	3897	09	5.4	10	SN			P	0034	50	.6	
0182	LEAR	08	0034	0036	0043	N13	W14	3886	09	7.0	9	SF		3	C		35		
0183	LEAR	08	0046	0048	0100	N26	W66	3888	09	2.9	14	SF		3	C		32		
0184	LEAR	08	0059	0100	0103	N19	W32	3897	09	5.6	4	SF		3	C		26		
0185		08	0110*	0112*	0135	N08	W36	3885	09	5.3	25	SN					70	1.1	E
	LEAR	08	0110	0112	0140	N07	W35	3885	09	5.4	30	SF		3	C		51		
	PEKG	08	0120	0125	0130	N09	W37	3885	09	5.3	10	SN			P	0125	88	1.1	
0186	LEAR	08	0146	0150	0158	S19	W57	3883	09	3.7	12	SF		3	C		20		
0187		08	04131	0415	0423	N08	W38	3885	09	5.3	10	SF					58	1.2	D D
	ABST	08	0413	0415	0425D	N09	W40	3885	09	5.2	12D	SF			P	0415	87	1.2	
	LEAR	08	0414	0415	0423	N07	W37	3885	09	5.4	9	SF		3	C		30		
0188	LEAR	08	0417	0419	0424	N15	W13	3886	09	7.2	7	SF		3	C		33		
0189		08	04181	04202	0429	N20	W35	3897	09	5.5	11	SN					67	1.1	D D D D
	ABST	08	0418	0421	0424	N21	W37	3897	09	5.3	6	SF			C	0421	87	1.1	
	LEAR	08	0419	0420	0434	N19	W33	3897	09	5.7	15	SF		3	C		25		
	TACH	08	0420E	0422	0433D	N19	W35	3897	09	5.5	13D	SB			C	0422	88	1.1	
0190		08	0424	0425*	0515D	N19	E35	3894	09	10.8	51D	SB					106	1.4	DK DK DK
	TACH	08	0424	0425	0515D	N19	E35	3894	09	10.8	51D	SB			C	0504	106	1.4	
	TACH	08	0424	0504	0515D	N19	E35	3894	09	10.8	51D	SB			C	0504	106	1.4	
0191		08	04503	04551	0512	N20	W36	3897	09	5.4	22	SN					70	1.1	D D
	ABST	08	0450	0455	0517	N21	W37	3897	09	5.4	27	SN			C	0455	87	1.1	
	LEAR	08	0453	0456	0508	N19	W35	3897	09	5.5	15	SF		3	C		53		
0192		08	05554	06001	0608	N21	W36	3897	09	5.5	13	SN	C 1.5				67	1.1	DV DV
	LEAR	08	0555	0601	0612	N21	W35	3897	09	5.6	17	SN	C 1.5	3	C		47		
	ABST	08	0559	0600	0603	N21	W37	3897	09	5.4	4	SN			C	0600	87	1.1	
0193		08	06403	0644*	0730	N15	W17	3886	09	7.0	50	SN	C 4.8				166	1.8	DEFJK F DJK E E E FK F
	LEAR	08	0640	0644	0733	N15	W15	3886	09	7.1	53	SN	C 4.8	3	C		189		
	ABST	08	0640	0657	0715D	N14	W18	3886	09	6.9	35D	1B		P	0657	192	2.1		
	BUCA	08	0640	0657	0740	N15	W17	3886	09	7.0	60	SN			C	0657	170	1.9	
	HTPR	08	0641	0647	0743	N15	W18	3886	09	6.9	62	SB			C	0647	180	1.8	
	YUNN	08	0642	0705	0730	N15	W18	3886	09	6.9	48	1B			C		189	2.1	
	ISTA	08	0643		0730	N14	W17	3886	09	7.0	47	SF							
	PEKG	08	0643	0650	0718	N15	W17	3886	09	7.0	35	SN			C	0650	113	1.2	
	PEKG	08	0643	0659	0718	N15	W17	3886	09	7.0	35	SN			C	0659	126	1.4	

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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	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0194		08	0640	0650	0655	N20	W38	3897	09	5.4	15	SF					50	.6	E
	HTPR	08	0640	0650	0655	N19	W38	3897	09	5.4	15	SF			C	0650	50	.6	
	PEKG	08	0650E	0650	0650D	N20	W37	3897	09	5.4	15D	SF			P	0650	50	.6	E
0195	LEAR	08	0915	0921	0936	N26	W70	3888	09	2.9	21	SF		3	C		15		F
0196	HTPR	08	0948	0956	1001	N07	W41	3885	09	5.3	13	SF			C	0956	40	.5	
0197	HTPR	08	1123	1125	1127	S10	E39	3895	09	11.4	4	SF			C	1125	20	.3	
0198	HTPR	08	1303	1308	1328	S10	E39	3895	09	11.5	25	SF			C	1308	20	.3	
0199	HTPR	08	1341	1348	1356	S12	E38	3895	09	11.4	15	SN			C	1348	60	.8	E
0200	HOLL	08	1516E	1516U	1521D	S12	E38	3895	09	11.5	5D	SF		1	C		80		
0201		08	1922	1923	1930	S11	E37	3895	09	11.6	8	SN	C 2.0				58		
	PALE	08	1922	1923	1929	S11	E37	3895	09	11.6	7	SN	C 2.0	3	C		34		
	HOLL	08	1924E	1924U	1931	S11	E37	3895	09	11.6	7D	SF		2	C		81		
0202	HOLL	08	1955	1958	2001	S11	E35	3895	09	11.5	6	SF		3	C		21		
0203		08	2345*	2347*	2524	S09	E31	3895	09	11.3	99	1N					315	3.0	EFJK
	CULG	08	2345	2347	2349	S10	E32	3895	09	11.4	4	SF			C	2347	70	.8	
	LEAR	08	2356	2423	2651	S10	E31	3895	09	11.3	175	2N		3	C		672		F
	CULG	09	0011	0025	0126	S07	E31	3895	09	11.3	75	1N			C	0025	320	3.8	JF
	PEKG	09	0014	0021	0128	S10	E31	3895	09	11.3	74	1N			C	0021	252	3.2	FK
	PEKG	09	0014	0035	0128	S08	E31	3895	09	11.3	74	1N			C	0035	286	3.6	F
	MITK	09	0014	0053	0225D	S07	E31	3895	09	11.3	131D	1N			C	0053	290	3.6	E
0204	CULG	09	0104	0108	0112	S11	E38	3895	09	11.9	8	SF			C	0108	90	1.1	
0205		09	0115	01201	0132	N12	W47	3885	09	5.5	17	SN					27	.3	D
	LEAR	09	0115	0120	0136	N11	W47	3885	09	5.5	21	SN		3	C		33		
	PEKG	09	0115	0121	0129	N12	W47	3885	09	5.5	14	SN			P	0121	21	.3	D
0206	LEAR	09	0201	0201	0206	N10	W49	3885	09	5.4	5	SN		3	C		28		
0207		09	0409	0413	0422	N11	W51	3885	09	5.3	13	1B	C 2.2				106	.7	DEF
	LEAR	09	0409	0413	0426	N10	W51	3885	09	5.3	17	1B	C 2.2	3	C		167		FE
	PEKG	09	0413E	0413	0418	N12	W51	3885	09	5.3	5D	SN			P	0413	46	.7	D
0208		09	05546	0555*	0609	N10	W52	3885	09	5.3	15	SN	C 3.0				40	1.0	DFH
	LEAR	09	0554	0555	0557	N07	W52	3885	09	5.3	3	SF		3	C		19		
	LEAR	09	0600	0608	0614	N10	W51	3885	09	5.4	14	SN	C 3.0	3	C		26		FH
	HTPR	09	0600	0609	0613	N10	W52	3885	09	5.3	13	SN			C	0609	30	.5	
	ABST	09	0607E	0610	0613	N11	W51	3885	09	5.4	6D	SN			P	0610	87	1.4	D
0209	HTPR	09	0644	0646	0651	S10	E35	3895	09	11.9	7	SN			C	0646	40	.5	
0210	YUNN	09	0654E	0655U	0702	N11	W52	3885	09	5.4	8D	SN			P	0655	31	.5	
0211		09	07059	0710*	0730	N11	W51	3885	09	5.4	25	SN					71	1.1	EF
	CATA	09	0705	0710	0725	N12	W52	3885	09	5.4	20	S		2	C	0710	112	1.8	
	WEND	09	0709		0715	N11	W49	3885	09	5.6	6	SN			C	0713	56	.9	
	BUCA	09	0710	0715	0740	N12	W50	3885	09	5.5	30	SN			C	0715	107	1.7	
	YUNN	09	0711	0715	0719D	N11	W52	3885	09	5.4	8D	SN			P		31	.5	E
	HTPR	09	0711	0716	0728	N10	W52	3885	09	5.4	17	SN			C	0716	60	.9	E
	PEKG	09	0712	0718	0735	N11	W51	3885	09	5.5	23	SN			P	0718	59	.9	E
	LEAR	09	0713	0715	0745	N11	W50	3885	09	5.5	32	SB		3	C		85		FE
	ISTA	09	0714		0727	N11	W51	3885	09	5.5	13	SB				0718			E
	PURP	09	0714	0720	0728	N11	W51	3885	09	5.5	14	SB			C	0720	52	.8	E
	CULG	09	0716E	0716U	0716D	N10	W51	3885	09	5.5	14D	SN			P	0716	80	1.2	
0212		09	0851	0853	0856	S14	E28	3895	09	11.5	5	SF					38	.4	E
	KHAR	09	0850E	0853U	0900D	S13	E28	3895	09	11.5	10D	SF			P	0853	55	.7	E
	HTPR	09	0851	0853	0856	S14	E28	3895	09	11.5	5	SF			C	0853	20	.2	

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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 Apparent (10-6 Disk)	Measurement Corr (Sq Deg)	Remarks
0213		09	0908*	0910*	1007	S18	E32	3902	09	11.8	59	1N					223	3.7	EFHK
	LEAR	09	0908	0910	0934D	S18	E31	3902	09	11.7	26D	SF		3	C		60		K
	LEAR	09	0908	0932	0934D	S18	E31	3902	09	11.7	26D	SN		3	C		146		FK
	CATA	09	0910	0940	0955D	S19	E33	3902	09	11.9	45D	1		2	P	0940	169	2.3	
	KHAR	09	0910E	0947U	1002D	S17	E32	3902	09	11.8	52D	1B			P	0947	300	4.0	EHK
	MONT	09	0929	0938	1010	S18	E33	3902	09	11.9	41	1N			C	0938	250		
	PEKG	09	0939E	0944	1005	S17	E31	3902	09	11.7	26D	1N			P	0944	294	3.9	FK
	PEKG	09	0939E	0946	1005	S17	E32	3902	09	11.8	26D	1N			P	0946	344	4.6	F
0214		09	0908*	0912*	1018	S15	E32	3895	09	11.8	70	1B					228	3.6	EK
	HTPR	09	0908	0912	1115	S15	E32	3895	09	11.8	127	1B			C	0935	180	2.1	EK
	MONT	09	0910	0912	0920	S13	E34	3895	09	11.9	10	SN			C	0912	110		
	CATA	09	0920	0940	0955D	S16	E31	3895	09	11.7	35D	2		2	P	0940	394	5.2	
0215		09	09432	09451	0948	N20	W50	3897	09	5.6	5	SF					32	.5	D
	HTPR	09	0943	0945	0950	N18	W50	3897	09	5.6	7	SF			C	0945	40	.6	
	PEKG	09	0945	0946	0947	N21	W51	3897	09	5.5	2	SF			C	0946	25	.4	D
0216		09	0954	09553	1006	N11	W55	3885	09	5.3	12	SB					105	1.3	EH
	MONT	09	0954	0958	1005	N11	W55	3885	09	5.3	11	SN			C	0958	200		
	HTPR	09	0954	0958	1007	N10	W53	3885	09	5.4	13	SB			C	0958	110	1.8	E
	KHAR	09	0954E	0958U	1007D	N11	W57	3885	09	5.1	13D	SB			V	1000	55	1.0	EH
	CATA	09	0955E	0955	0955D	N11	W55	3885	09	5.3	13D	S		2	P	0955	56	1.0	
0217	KHAR	09	1042E	1046U	1117D	S17	E32	3902	09	11.9	35D	1F			V	1046			E
0218		09	1130	1142	1144	S12	E90	3901	09	16.2	14	SF					20		L
	KHAR	09	1054E		1115D	S13	E90	3901	09	16.2	21D	SF			V	1055			L
	HTPR	09	1130	1142	1144	S12	E90	3901	09	16.2	14	SF			C	1142	20		
0219	KHAR	09	1209E	1216U	1232D	N10	W57	3885	09	5.2	23D	SF			P	1216	30	.6	D
		09	1307		1308	No Flare Patrol													
0220	RAMY	09	1404	1404	1417	S14	E87	3901	09	16.2	13	SF		3	C				
		09	1522		1534	No Flare Patrol													
0221	RAMY	09	1622	1623	1627	N10	W58	3885	09	5.3	5	SN		3	C		28		
0222		09	2121	21212	2136	S11	E75	3901	09	15.5	15	SF					60		
	PALE	09	2121	2121	2139	S11	E75	3901	09	15.5	18	SF		3	C				
	BIGB	09	2121	2123	2132	S11	E75	3901	09	15.5	11	SF		3	C	2123	60		
0223	PALE	09	2134	2134	2139	S23	W83	3883	09	3.5	5	SF		3	C				
0224	PALE	09	2141	2144	2152	S12	E77	3901	09	15.7	11	SF		3	C				
0225	PALE	09	2203	2214	2227D	S12	E79	3901	09	15.9	24D	SF		3	C				
0226	LEAR	10	0223	0223	0229	S13	E84	3901	09	16.4	6	SN	C 5.0	3	C				
0227	LEAR	10	0438	0440	0442	S12	E16	3895	09	11.4	4	SF		3	C		29		
0228		10	0443	0444	0451	S16	E84	3901	09	16.6	8	1F					52		D
	ABST	10	0443E	0444U	0445D	S18	E89	3901	09	17.0	2D	1F			P	0444	87		D
	LEAR	10	0443	0444	0451	S13	E78	3901	09	16.1	8	SF		3	C		16		
0229		10	05241	05262	0534	S13	E73	3901	09	15.7	10	SN					20		H
	LEAR	10	0524	0526	0535	S15	E75	3901	09	15.9	11	SN		3	C				H
	CULG	10	0525	0528	0534	S11	E71	3901	09	15.6	9	SF			C	0528	20		
0230	KAND	10	0808E		0827	S09	E21	3895	09	11.9	19D	SN			C				
0231	KAND	10	0808E		0817	S07	E14	3895	09	11.4	9D	SN			C				
0232	KAND	10	0808E		0827	S07	E05	3895	09	10.7	19D	SN			C				

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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	Lat	Cmd								Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)				
0233		10	08237	08273	0843	N11	W67	3885	09	5.3	20	1N	C	6.9			177	3.0	EF			
	WEND	10	0823	0827	0846	N09	W68	3885	09	5.2	23	1N			C	0827	156					
	LEAR	10	0823	0828	0850	N12	W64	3885	09	5.5	27	1N	C	6.9	3	C	305		F			
	HTPR	10	0823	0829	0842	N10	W64	3885	09	5.5	19	1N			C	0829	120	2.5	E			
	KAND	10	0824	0830	0834	N10	W67	3885	09	5.3	10	1B			C							
	YUNN	10	0826	0827	0845	N11	W64	3885	09	5.5	19	1B			C		157	3.6	E			
	MONT	10	0827	0829	0841	N11	W75	3885	09	4.7	14	1B			C	0829	300					
	PEKG	10	0827E	0830	0845	N13	W67	3885	09	5.3	18D	1N			P	0830	92		E			
CATA	10	0830	0830	0840	N12	W66	3885	09	5.4	10	1			2	C	0830	112					
0234		10	0912*	09322	0944	S06	E15	3895	09	11.5	32	SN					56	.6	E			
	HTPR	10	0912	0932	0945	S06	E16	3895	09	11.6	33	SN			C	0932	80	.8	E			
	YUNN	10	0928	0934	0950D	S06	E14	3895	09	11.4	22D	SN			P		31	.3	E			
	KAND	10	0929		0943	S06	E15	3895	09	11.5	14	SN			C							
0235		10	0955		1035	S22	E25	3902	09	12.3	40	SF					80	.9	E			
	HTPR	10	0955		0958D	S22	E25	3902	09	12.3	3D	SF			C	0958	80	.9	E			
	HTPR	10	1010E		1035	S22	E25	3902	09	12.3	25D	SF			C	1010	80	.9	E			
0236		10	11241	11259	1142	S10	E08	3895	09	11.1	18	1N					126	1.3	EU			
	HTPR	10	1124		1145D	S10	E08	3895	09	11.1	21D	SN			C	1128	100	1.0	EU			
	CATA	10	1125	1125	1200D	S10	E07	3895	09	11.0	35D	1			2	P	1125	197	2.1			
	WEND	10	1125	1131	1141	S09	E09	3895	09	11.1	16	SF			C	1131	81	.9				
	KAND	10	1125	1134	1143	S09	E06	3895	09	10.9	18	1N			C				U			
0237		10	1148	1158	1206	N10	W68	3885	09	5.4	18	SN										
	KAND	10	1148		1201	N09	W70	3885	09	5.2	13	SN			C							
	KANZ	10	1158E	1158	1210	N10	W66	3885	09	5.5	12D	SF			1							
0238	HTPR	10	1218		1242D	S22	E24	3902	09	12.3	24D	SN			C	1240	100	1.1	E			
0239	HTPR	10	1301E		1445	S22	E24	3902	09	12.4	104D	SF			C	1317	80	.9	E			
0240	KANZ	10	1502	1506	1518	N10	W04	3890A	09	10.3	16	SF			2							
0241		10	1616	1616*	1712	S12	E73	3901	09	16.2	56	SF					25		K			
	RAMY	10	1616	1616	1712	S12	E73	3901	09	16.2	56	SF			3	C	25		K			
	RAMY	10	1616	1644	1712	S12	E73	3901	09	16.2	56	SF			3	C			K			
0242		10	1640*	17223	1742	S12	E68	3901	09	15.8	62	SN	C	3.1			24		F			
	HOLL	10	1640	1722	1747D	S13	E66	3901	09	15.7	67D	SN	C	3.1	3	C	34		F			
	RAMY	10	1713	1725	1742	S12	E69	3901	09	15.9	29	SN			3	C	13					
0243	HOLL	10	1757	1758	1806	S14	E64	3901	09	15.6	9	SF			3	C	35					
		10	2038		2109	No Flare Patrol																
0244		10	21422	2144	2150	S12	E63	3901	09	15.6	8	SF					72	.4				
	VORO	10	2142	2144	2149	S13	E63	3901	09	15.6	7	SF			C	2144	125					
	CULG	10	2144	2144	2150	S10	E63	3901	09	15.6	6	SF			C	2144	20	.4				
0245		10	2320	2323	2324	S21	E16	3902	09	12.2	4	SF					65	.8				
	MANI	10	2316E	2316U	2335D	S21	E16	3902	09	12.2	19D	SF			1	V	50	.6				
	CULG	10	2320	2323	2324	S21	E16	3902	09	12.2	4	SF			C	2323	80	.9				
0246		11	00222	00241	0033	S13	E62	3901	09	15.7	11	SN	C	3.0			114	1.3	DE			
	VORO	11	0022	0024	0031	S13	E63	3901	09	15.8	9	1N			C	0024	242					
	CULG	11	0023	0024	0034	S11	E61	3901	09	15.6	11	SB			C	0024	60	1.3				
	LEAR	11	0024	0025	0035	S14	E62	3901	09	15.7	11	SB	C	3.0	3	C	68		E			
	PEKG	11	0025E	0025U	0030D	S15	E63	3901	09	15.8	5D	SF			P	0025	84		D			
0247		11	03331	0335	0340	S22	E12	3902	09	12.1	7	SN					48	.6	EJ			
	CULG	11	0333	0335	0339	S22	E12	3902	09	12.1	6	SN			C	0335	50	.6	J			
	YUNN	11	0334	0335	0341	S23	E11	3902	09	12.0	7	SN			C		47	.6	E			
0248	ABST	11	0457	0500	0515	S22	E10	3902	09	12.0	18	1N			C	0500	174	2.1	EK			
0249		11	05184	0521*	0554	N12	W80	3885	09	5.2	36	1N					153		CDEFJKY			
	ABST	11	0518	0525	0600	N14	W78	3885	09	5.3	42	1N			C	0525	174		F			
	TACH	11	0519	0521	0531D	N10	W80	3885	09	5.2	12D	1B			C	0521	265		CD			
	CULG	11	0522	0526	0540	N09	W75	3885	09	5.6	18	1B			C	0526	90		J			
	PEKG	11	0524E	0525	0545	N12	W79	3885	09	5.3	21D	SF			C	0525	63		EK			
	LEAR	11	0524E	0531U	0551D	N13	W79	3885	09	5.3	27D	1F			2	C	175					
	YUNN	11	0525E	0533	0609	N11	W89	3885	09	4.5	44D				P				Y			

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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
0250		11	0607	0609	0616	S22	E10	3902	09	12.0	9	SN					58	.7	DF
	CULG	11	0607	0609	0617	S21	E11	3902	09	12.1	10	SN			C	0609	100	1.2	F
	YUNN	11	0609E	0610U	0615	S22	E09	3902	09	11.9	6D	SN			P	0610	16	.2	D
0251		11	06306	06384	0658	S12	E66	3901	09	16.2	28	SN	C 3.6				38		E
	YUNN	11	0630	0638	0701	S12	E65	3901	09	16.2	31	SN			C		47		E
	LEAR	11	0636	0642	0655	S12	E66	3901	09	16.2	19	SF	C 3.6	3	C		28		
0252	HTPR	11	0647E		0710	S14	E03	3895	09	11.5	23D	SF			C	0647	40	.4	
0253		11	0739*	0740*	0836	S22	E10	3902	09	12.1	57	SN	C 2.8				123	1.1	EKLT
	KAND	11	0707E		0818D	S21	E12	3902	09	12.2	71D	SB			C				T
	LEAR	11	0739	0740	0745	S22	E11	3902	09	12.2	6	SF		3	C		24		
	HTPR	11	0748	0752	0755	S21	E10	3902	09	12.1	7	SF			C	0752	50	.5	E
	KANZ	11	0804	0829	0847	S22	E12	3902	09	12.2	43	SN		2					L
	HTPR	11	0805		0902D	S21	E10	3902	09	12.1	57D	SB			C	0831	150	1.5	E
	LEAR	11	0810	0817	0847	S22	E11	3902	09	12.2	37	SF	C 2.8	3	C		39		K
	LEAR	11	0810	0829	0847	S22	E11	3902	09	12.2	37	SF	C 2.8	3	C		159		K
	KHAR	11	0820E		0836D	S23	E09	3902	09	12.0	16D	SF			P	0826			L
	ISTA	11	0820		0843	S23	E11	3902	09	12.2	23	SF							
	WEND	11	0822	0830	0845	S21	E09	3902	09	12.0	23	SN			C	0830	75	.8	
	PEKG	11	0825E	0831	0905	S23	E10	3902	09	12.1	40D	SF			P	0831	109	1.3	E
	PURP	11	0826	0827	0848	S22	E11	3902	09	12.2	22	SF			C	0827	58	.7	
	MONT	11	0827	0834	0843	S23	E10	3902	09	12.1	16	1N			C	0834	400		
	CATA	11	0830E	0830	0830D	S23	E10	3902	09	12.1	16D	1		2	P	0830	169	2.0	
0254	HTPR	11	1022	1022	1035	S22	E10	3902	09	12.2	13	SF			C	1023	60	.6	E
0255		11	1105*	1124*	1147	S22	E09	3902	09	12.1	42	SN					120	1.2	EHL
	KHAR	11	1040E		1104D	S23	E09	3902	09	12.1	24D	SF			P	1042			EHL
	HTPR	11	1105	1152	1158	S22	E09	3902	09	12.1	53	SN			C	1152	120	1.2	E
	KANZ	11	1116	1124	1136	S22	E10	3902	09	12.2	20	SN		2					L
0256		11	1144*	1213*	1254	S22	E09	3902	09	12.2	70	SN					60	.6	EK
	RAMY	11	1144	1213	1257	S22	E08	3902	09	12.1	73	SN		3	C		72		K
	RAMY	11	1144	1243	1257	S22	E08	3902	09	12.1	73	SF		3	C		47		K
	KANZ	11	1208	1228	1255	S22	E09	3902	09	12.2	47	SN		1					
	HTPR	11	1212	1222	1247	S22	E10	3902	09	12.3	35	SN			C	1222	60	.6	E
0257		11	12122	1216*	1230	S12	E61	3901	09	16.1	18	SN					21	.4	
	KANZ	11	1212	1216	1232	S12	E62	3901	09	16.2	20	SN		1					
	WEND	11	1212	1217	1218	S12	E59	3901	09	15.9	6	SF			C	1217	13	.3	
	RAMY	11	1213	1216	1240	S12	E60	3901	09	16.0	27	SN		3	C		30		
	HTPR	11	1214	1229	1230	S14	E62	3901	09	16.2	16	SN			C	1220	20	.4	
0258	RAMY	11	1324	1326	1337	S22	E07	3902	09	12.1	13	SF	C 1.9	3	C		28		
0259	RAMY	11	1346	1347	1357	S22	E09	3902	09	12.3	11	SN		3	C		41		
0260	RAMY	11	1402	1409	1413	S21	E07	3902	09	12.1	11	SF		3	C		25		
0261		11	14402	14432	1458	S21	E07	3902	09	12.1	18	SN	C 1.9				53	.6	E
	HOLL	11	1440	1443	1508	S21	E06	3902	09	12.1	28	SN		3	C		47		
	RAMY	11	1442	1443	1456	S21	E06	3902	09	12.1	14	SN	C 1.9	3	C		53		
	HTPR	11	1442	1445	1451	S22	E08	3902	09	12.2	9	SB			C	1445	60	.6	E
0262	HTPR	11	1501	1503	1512	S22	E09	3902	09	12.3	11	SN			C	1503	40	.4	
0263		11	15301	15301	1542	S22	E08	3902	09	12.3	12	SB					32	.3	
	HOLL	11	1530	1530	1543	S22	E06	3902	09	12.1	13	SB		3	C		35		
	HTPR	11	1531	1531	1542	S22	E09	3902	09	12.3	11	SB			C	1531	30	.3	
		11	1615		1645	No Flare Patrol													
		11	1709		1731	No Flare Patrol													
		11	1846		2007	No Flare Patrol													
0264	HOLL	11	2028	2028	2040	S14	E58	3901	09	16.2	12	SF		3	C		30		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)	
0265		12	0008*	0014*	0044	N16	W15		09	10.9	36	SF					57	.7	DFGS
	CULG	12	0008	0014	0045	N17	W16		09	10.8	37	SF		C		0014	120	1.3	F
	LEAR	12	0011	0018U	0031	N15	W15		09	10.9	20	SF	3	C			28		FS
	PALE	12	0015E	0015U	0048D	N16	W16		09	10.8	33D	SF	3	C			58		
	PURP	12	0032	0037	0057	N17	W15		09	10.9	25	SF		P		0037	26	.3	G
	PEKG	12	0035E	0039	0041	N18	W13		09	11.0	6D	SF		P		0039	55	.6	D
0266		12	03157	03192	0333	S11	W03	3895	09	11.9	18	SF					43	.4	F
	LEAR	12	0315	0319	0337	S12	W03	3895	09	11.9	22	SF	3	C			48		F
	CULG	12	0318	0321	0326	S11	W03	3895	09	11.9	8	SF		C		0321	40	.4	
	PALE	12	0322	0322U	0337	S11	W02	3895	09	12.0	15	SF	3	C			42		F
0267	CULG	12	0440	0459	0537D	S12	W19	3890B	09	10.8	57D	1B		P		0459	250	2.7	EFJ
0268		12	06556	0657*	0728	S12	W06	3895	09	11.8	33	SN					144	1.8	BF
	PEKG	12	0655	0701	0710D	S12	W06	3895	09	11.8	15D	SN		P		0701	168	1.8	F
	LEAR	12	0656	0657	0722	S11	W05	3895	09	11.9	26	SF	3	C			79		F
	CATA	12	0700	0700	0725	S13	W06	3895	09	11.8	25	1	2	C		0700	253	2.8	
	PURP	12	0701	0715	0724	S13	W06	3895	09	11.8	23	SN		C		0715	77	.9	
	KANZ	12	0710E		0742	S14	W06	3895	09	11.8	32D	SF	1						B
0269	KANZ	12	0821	0821	0837	S08	W10	3895	09	11.6	16	SF	3						
0270		12	09062	0910	0918	S23	W04	3902	09	12.1	12	SN					97	1.2	DL
	KANZ	12	0906	0910	0918	S23	W03	3902	09	12.1	12	SN	3						
	KHAR	12	0907E	0910U	0919D	S24	W04	3902	09	12.1	12D	SN		P		0910	100	1.2	DL
	LEAR	12	0908	0910	0918	S23	W04	3902	09	12.1	10	SF	3	C			94		
0271	KHAR	12	1007E		1040D	S12	E77	3905	09	18.2	33D	SF		V					DH
0272		12	1009	1009	1017	S08	W18	3890B	09	11.1	8	SF					120	1.3	E
	KANZ	12	1009	1009	1017	S07	W16	3890B	09	11.2	8	SF	3						
	KHAR	12	1013E		1021D	S08	W19	3890B	09	11.0	8D	SF		P		1017	120	1.3	E
0273		12	1100	1116	1203	S17	W08	3902	09	11.8	63	1N							HL
	KANZ	12	1100	1116	1203	S16	W08	3902	09	11.8	63	SN	3						LH
	KHAR	12	1120E		1140D	S18	W09	3902	09	11.8	20D	1F		V		1127			L
0274		12	1128	1246	1312	S17	E86	3905	09	19.0	104	SN							
	KHAR	12	1124E		1140D	S19	E85	3905	09	19.0	16D	SF		V		1127			
	KANZ	12	1128	1246	1312	S15	E86	3905	09	19.0	104	SN	3						
0275	KANZ	12	1215	1223	1338	S16	W08	3902	09	11.9	83	1N	3						FH
0276	WEND	12	1241	1243	1256	S12	W10	3895	09	11.8	15	SF		C		1243	25	.3	E
0277	KANZ	12	1346	1346	1357	N16	W23		09	10.8	11	SF	3						G
0278		12	15392	1605*	1707D	S15	W10	3895	09	11.9	88D	1N					321	3.2	FZ
	WEND	12	1539	1623	1642D	S16	W09	3895	09	12.0	63D	1N		C		1623	294	3.2	FZ
	KANZ	12	1541	1605	1626D	S14	W11	3895	09	11.8	45D	1N	3						
	HOLL	12	1606E	1611	1707D	S14	W11	3895	09	11.8	61D	1N	3	C			348		F
		12	1708		1711	No Flare Patrol													
0279		12	1712E	1712U	1736	S14	W12	3895	09	11.8	24D	SN					89		
	PALE	12	1712E	1712U	1727	S13	W10	3895	09	12.0	15D	SF	2	C			85		
	PALE	12	1712E	1712U	1745	S15	W15	3895	09	11.6	33D	SN	2	C			93		
		12	1951		2001	No Flare Patrol													
		12	2019		2030	No Flare Patrol													
0280	VORO	12	2157E	2200	2207	S16	E70	3905	09	18.2	10D	SN		P		2200	81		EJ
0281	VORO	12	2157	2202	2207	S07	W23	3890B	09	11.2	10	SF		C		2202	134	1.5	E
0282		12	2359	2401	2419	S16	E71	3905	09	18.4	20	SF					197		EJK
	VORO	12	2237E		2432	S16	E70	3905	09	18.2	115D	1N		P		2348	197		EJK
	PALE	12	2355E	2401U	2417	S15	E73	3905	09	18.5	22D	SF	3	C					
	HOLL	12	2359	2401	2409	S18	E71	3905	09	18.4	10	SF	3	C					

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						Lat	CMD	Region								Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0283	LEAR	13	0231	0236	0245	S16	E69	3905	09	18.3	14	SF	C	1.3	3	C		64		
0284	LEAR	13	0342	0343	0350	S17	E70	3905	09	18.5	8	SF	C	2.1	3	C				
0285		13	0439*	04591	0540	S12	W18	3895	09	11.8	61	1N	C	4.6				336	3.9	EFU
	LEAR	13	0439	0459	0554	S11	W18	3895	09	11.8	75	1N	C	4.6	3	C		332		F
	MITK	13	0439	0500	0557	S13	W16	3895	09	12.0	78	1N				C	0500	320	3.7	E
	PEKG	13	0455	0459U	0510	S11	W20	3895	09	11.7	15	1N				C	0459	357	4.1	FU
0286		13	0440*	04561	0518	S16	E68	3905	09	18.3	38	SN						38	.8	D
	PEKG	13	0440	0459U	0547	S18	E69	3905	09	18.4	67	SF				C	0459	46		D
	LEAR	13	0455	0456	0502	S17	E69	3905	09	18.4	7	SN			3	C				
	CULG	13	0455	0457	0506	S13	E65	3905	09	18.1	11	SB				C	0457	30	.8	
0287	WEND	13	0634	0636	0643	S14	E36	3901	09	16.0	9	SF				C	0636	25	.3	
0288	KAND	13	0747		0800	S15	W20	3895	09	11.8	13	SF				C				
0289	KAND	13	0814		0835	S15	W20	3895	09	11.8	21	SF				C				
0290	KANZ	13	0900	0904	0916	S16	E67	3905	09	18.4	16	SF				3				
0291	KANZ	13	0908	0908	0916	S15	E35	3901	09	16.0	8	SF				3				
		13	1121		1144	No Flare Patrol														
0292	KANZ	13	1145E	1145	1201	S08	W30	3890B	09	11.2	16D	SN				2				
0293	KANZ	13	1145E	1149	1206D	S12	W50	3899	09	9.7	21D	SN				2				
		13	1255		1404	No Flare Patrol														
		13	1625		1631	No Flare Patrol														
0294	HOLL	13	1632	1632	1648	S14	E33	3901	09	16.2	16	SF			3	C		66		
0295	PALE	13	1833	1834	1844	S11	W25	3895	09	11.9	11	SF			3	C		28		F
0296	PALE	13	1942	1954	2005	N02	E60	3906	09	18.3	23	SN			3	C		68		F
0297	PALE	13	1942	1947	2000	S15	E60	3905	09	18.4	18	SF			3	C		14		
0298	PALE	13	2105	2106	2115D	N17	E90	3908	09	20.7	10D	SF			3	C				
0299		13	2326S	23342	2446	S14	W29	3895	09	11.8	80	SN						107		EF
	LEAR	13	2326	2336	2441	S15	W29	3895	09	11.8	75	SN			3	C		138		F
	MITK	13	2329E	2335	2346D	S15	W30	3895	09	11.7	17D	SN				C	2335			E
	PALE	13	2331	2334	2451	S13	W28	3895	09	11.9	80	SF			3	C		76		F
0300	PALE	14	0022	0022	0027	N18	E85	3908	09	20.5	5	SF	C	1.3	3	C				
0301		14	01086	01107	0122	N16	E85	3908	09	20.5	14	SN	C	7.1				143		J
	PALE	14	0108	0110	0124	N18	E88	3908	09	20.7	16	SF	C	7.1	3	C				
	LEAR	14	0109	0112	0120	N15	E88	3908	09	20.7	11	SN	C	7.1	3	C				
	VORO	14	0114	0117	0121	N16	E80	3908	09	20.1	7	1N				C	0117	143		J
0302		14	01584	02014	0219	N00	E55	3906	09	18.2	21	SN						71	1.5	DE
	PALE	14	0158	0201	0210	N02	E54	3906	09	18.1	12	SN			3	C		67		
	LEAR	14	0159	0201	0209	S01	E56	3906	09	18.3	10	SN			3	C		44		
	PURP	14	0202E	0202	0247	S00	E55	3906	09	18.2	45D	SB				P	0202	84	1.5	E
	VORO	14	0202	0205	0211	N00	E54	3906	09	18.1	9	SN				C	0205	90	1.5	D
0303	PALE	14	0224	0227	0235	S24	W26	3902	09	12.1	11	SF			3	C		23		
0304	LEAR	14	0253	0255	0300	N00	E57	3906	09	18.4	7	SF			3	C		29		
0305	ISTA	14	0620E		0632	S18	E60	3905	09	18.8	12D	SF								E
0306		14	07352	07374	0746	S08	W38	3895	09	11.5	11	SN						19	.2	D
	WEND	14	0735	0737	0744	S07	W38	3895	09	11.5	9	SF				C	0737	18	.2	
	HTPR	14	0736	0741	0748	S08	W37	3895	09	11.5	12	SF				C	0741	20	.3	
	KANZ	14	0737	0737	0744	S08	W38	3895	09	11.5	7	SN			3					
	ISTA	14	0739E		0749	S09	W40	3895	09	11.3	10D	SN								D

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						Region	CMD	Lat									Apparent (10-6 Disk)	Corr (Sq Deg)		
0307		14	07521	07532	0757	N00	E52	3906	09	18.2	5	SF						36	.6	DEH
	ISTA	14	0752		0757	N00	E53	3906	09	18.3	5	SN								D
	PURP	14	0753E	0753	0753D	S00	E53	3906	09	18.3	5D	SF		P	0753	52	.9		E	
	HTPR	14	0753	0755	0757	N01	E51	3906	09	18.1	4	SF		C	0755	20	.3			
	KHAR	14	0812E		0830D	N00	E52	3906	09	18.2	18D	SF		V	0812				H	
0308	KHAR	14	0812E		0817D	S14	W37	3895	09	11.5	5D	SF		V	0812				L	
0309	KANZ	14	0823	0841	0853	N10	W57	3890	09	10.1	30	1F			3					
0310		14	12178	12215	1257	S17	E51	3905	09	18.4	40	SN					104	1.2	EL	
	KANZ	14	1217	1221	1301	S17	E51	3905	09	18.4	44	SN			3				L	
	HTPR	14	1220	1226	1255	S17	E51	3905	09	18.4	35	SB		C	1226	80	1.2		E	
	RAMY	14	1225	1225	1256	S16	E51	3905	09	18.4	31	SN		C		127				
0311	KANZ	14	1343	1343	1351	N16	E83	3908	09	20.9	8	SN			3					
0312	HTPR	14	1407	1411	1419	N15	E83	3910	09	20.9	12	SF		C	1411	20				
0313	HTPR	14	1438	1442	1450	S14	E47	3905	09	18.2	12	SN		C	1442	20	.3			
0314	HTPR	14	1520	1523	1526	S14	E47	3905	09	18.2	6	SN		C	1523	20	.3			
0315	HOLL	14	1834	1834	1838	S08	W50	3895	09	11.0	4	SF		3	C		17		F	
0316		14	2011	2024	2045	N16	E74	3908	09	20.4	34	SN	C 2.9				40			
	HOLL	14	2011	2024	2045	N15	E72	3908	09	20.3	34	SN	C 2.9	3	C		40			
	PALE	14	2015E	2029U	2041D	N18	E75	3908	09	20.5	26D	SF		3	C					
0317	HOLL	14	2229	2230	2254	N01	E44	3906	09	18.2	25	SF		3	C		41			
0318	HOLL	15	0009	0012	0026D	S11	W72	3899	09	9.6	17D	SF		3	C					
0319		15	0023*	0026*	0240	N16	E71	3908	09	20.4	137	SN	C 4.9				62		EF	
	HOLL	15	0023	0026	0026D	N17	E77	3908	09	20.9	3D	SF		3	C		9			
	PURP	15	0026E	0026U	0242	N15	E69	3908	09	20.2	136D	SB			C	0026	58			
	LEAR	15	0155	0221	0251D	N16	E70	3908	09	20.4	56D	1B	C 4.9	3	C		138		FE	
	PURP	15	0200E	0200	0200D	N15	E70	3908	09	20.4	56D	SN		P	0200	35				
	CULG	15	0216	0220	0243	N19	E69	3908	09	20.3	27	1N		C	0220	80		F		
	PEKG	15	0216E	0223	0235	N15	E70	3908	09	20.4	19D	SN		P	0223	55		E		
0320		15	0602	06037	0624	N15	E70	3908	09	20.5	22	1B					156		EF	
	LEAR	15	0602	0603	0632	N15	E70	3908	09	20.5	30	1B		2	C		195		FE	
	PEKG	15	0603E	0610	0615	N15	E69	3908	09	20.5	12D	SN		P	0610	118		E		
0321		15	07362	07381	0754	S17	E42	3905	09	18.5	18	SN					20	.3		
	HTPR	15	0736	0739	0751	S18	E40	3905	09	18.4	15	SN		C	0739	20	.3			
	KANZ	15	0738	0738	0758	S16	E43	3905	09	18.6	20	SF		3						
0322		15	0730*	0750*	0817	N16	E66	3908	09	20.3	47	SN	C 2.7				24	.6	EL	
	PEKG	15	0730	0754	0806D	N15	E67	3908	09	20.4	36D	SN		C	0754	25		E		
	KANZ	15	0746	0750	0816	N17	E67	3908	09	20.4	30	SN			3			L		
	LEAR	15	0749E	0801U	0826	N15	E67	3908	09	20.4	37D	SF	C 2.7	2	C		23			
	WEND	15	0750	0756	0805	N17	E68	3908	09	20.5	15	SN		C	0756	16				
	HTPR	15	0750	0801	0820	N15	E64	3908	09	20.2	30	SN		C	0801	30	.6			
0323		15	07424	0754*	0857	S14	E10	3901	09	16.1	75	SF					131	1.3	EFI	
	HTPR	15	0742	0803	0930	S13	E08	3901	09	15.9	108	SN		C	0803	150	1.5	EI		
	PEKG	15	0745	0754	0801D	S14	E08	3901	09	15.9	16D	SF		P	0754	126	1.4	E		
	KANZ	15	0746	0808	0851	S14	E11	3901	09	16.1	65	1N			3					
	LEAR	15	0749E	0806U	0829	S14	E13	3901	09	16.3	40D	SF		2	C		147		F	
	WEND	15	0800E		0836D	S16	E10	3901	09	16.1	36D	SF		C	0811	100	1.1			
0324	WEND	15	0853	0854	0859	N15	E74	3910	09	21.0	6	SN		C	0854	28				
0325		15	13326	13392	1356	N16	E65	3908	09	20.5	24	1N					146	1.6	D	
	LVOV	15	1332	1339	1352	N15	E67	3908	09	20.6	20	2F		C	1339	300			D	
	RAMY	15	1334	1339	1408	N16	E64	3908	09	20.4	34	SN		C		59				
	KANZ	15	1335	1339	1351	N16	E66	3908	09	20.6	16	SN			3					
	HTPR	15	1338	1341	1351	N15	E62	3908	09	20.3	13	SN		C	1341	80	1.6			

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0326	RAMY	15	1645	1645	1705	N16	E81	3910	09	21.8	20	SF		3	C				
0327		15	1658	1706	1730	S15	E36	3905	09	18.4	32	SF	C 2.3				44		F
	RAMY	15	1658	1706	1730	S16	E36	3905	09	18.4	32	SF	C 2.3	3	C		60		
	HOLL	15	1712E	1713U	1719D	S14	E37	3905	09	18.5	7D	SF		3	C		28		F
0328		15	1728	1729*	1756	S14	E04	3901	09	16.0	28	SF					40		F
	RAMY	15	1728	1729	1736	S13	E03	3901	09	15.9	8	SF		3	C		27		F
	RAMY	15	1728	1750	1815	S14	E05	3901	09	16.1	47	SF		3	C		54		
0329		15	18171	18242	1902	N17	E60	3908	09	20.3	45	2B					731		EFU
	RAMY	15	1817	1826	1903	N17	E61	3908	09	20.4	46	3B		3	C		1348		FE
	HOLL	15	1818	1824	1903	N18	E60	3908	09	20.3	45	1B		3	C		298		UE
	PALE	15	1824E	1824U	1900	N17	E60	3908	09	20.3	36D	2B		3	C		546		UE
		15	2035		2048	No Flare Patrol													
0330	CULG	15	2249	2254	2307	S14	E04	3901	09	16.2	18	SF			C	2254	100	1.1	FJ
		16	0132		0136	No Flare Patrol													
0331	CULG	16	0316	0318	0321	S13	E24	3905	09	17.9	5	SN			C	0318	20	.2	
		16	0332		0335	No Flare Patrol													
0332	CULG	16	0509	0510	0513	S12	E22	3905	09	17.9	4	SN			C	0510	20	.2	
0333	ISTA	16	0655		0708D	N01	E23	3906	09	18.0	13D	SB							D
0334		16	06591	06593	0703	S14	E22	3905	09	17.9	4	SN					32	.3	
	KANZ	16	0659	0659	0703	S13	E22	3905	09	17.9	4	SN		3					
	LEAR	16	0659	0700	0702	S14	E22	3905	09	17.9	3	SF		3	C		35		
	HTPR	16	0700	0702	0705	S14	E22	3905	09	17.9	5	SN			C	0702	30	.3	
0335	KANZ	16	0659	0659	0703	S13	W03	3901	09	16.1	4	SF		3					
0336	KAND	16	0727		0736	S16	E26	3905	09	18.3	9	SF			C				
0337	KAND	16	0741		0805	S16	E26	3905	09	18.3	24	SF			C				T
0338	KAND	16	0809		0823	S16	E26	3905	09	18.3	14	SF			C				
0339		16	0834*	0858	0910	S16	E28	3905	09	18.5	36	SF					120	1.3	E
	KAND	16	0834		0922D	S16	E26	3905	09	18.3	48D	SF			C				
	HTPR	16	0848	0858	0910	S16	E29	3905	09	18.6	22	SF			C	0858	120	1.3	E
0340	HTPR	16	1103	1104	1107	S15	E49	3907	09	20.2	4	SF			C	1104	40	.6	
0341	KAND	16	1131		1137	S16	E26	3905	09	18.4	6	SN			C				
0342	RAMY	16	1322	1324	1340	S15	E25	3905	09	18.4	18	SN		3	C		47		
0343	HTPR	16	1324	1326	1330	S15	E48	3907	09	20.2	6	SF			C	1326	20	.3	
0344		16	1328E	1330*	1357D	N26	E41	3908	09	19.7	29D	SB					88		KZ
	HOLL	16	1328E	1330	1357D	N26	E41	3908	09	19.7	29D	SN		3	C		100		K
	HOLL	16	1328E	1356	1357D	N26	E41	3908	09	19.7	29D	SB		3	C		75		ZK
0345	HTPR	16	1555E		1620D	N16	W08	3909	09	16.0	25D	SF			C	1610	20	.2	
0346		16	17502	17502	1758	N18	E50	3908	09	20.5	8	SN					30		
	RAMY	16	1750	1750	1802	N20	E51	3908	09	20.6	12	SN		3	C		30		
	RAMY	16	1752	1752	1754	N17	E48	3908	09	20.4	2	SF		3	C		29		
		16	2014		2035	No Flare Patrol													
0347	ABST	17	0453E	0454U	0458D	N16	W25	3909	09	15.3	5D	SN			P	0454	87	.9	D

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0348	HTPR	17	0621E		0840	N16	W26	3909	09	15.3	139D	SN			C	0737	120	1.3	E
0349	WEND	17	0646	0652	0711	N16	W27	3909	09	15.2	25	SF			C	0652	44	.5	
0350	YUNN	17	0713	0717	0732	N16	W26	3909	09	15.3	19	SN			C		32	.4	D
0351	KANZ	17	0745	0745	0757	S14	E13	3905	09	18.3	12	SF		2					
0352		17	0807	08181	0830	N18	W24	3909	09	15.5	23	SF					63	.7	
	WEND	17	0807	0818	0830	N17	W25	3909	09	15.4	23	SF			C	0818	63	.7	
	KANZ	17	0807	0819	0831	N18	W24	3909	09	15.5	24	SF		3					
0353	KANZ	17	0819	0823	0835	S10	W78	3895	09	11.5	16	SF		3					
0354		17	08351	08352	0842	S14	E13	3905	09	18.3	7	SN					30	.3	E
	KANZ	17	0835	0835	0843	S14	E12	3905	09	18.3	8	SN		3					
	HTPR	17	0836	0837	0841	S15	E14	3905	09	18.4	5	SN			C	0837	30	.3	E
0355	HTPR	17	1137	1138	1210	N20	E48	3908	09	21.1	33	SN			C	1138	70	1.0	E
0356	KHAR	17	1138E	1141U	1151D	N11	E48	3910	09	21.1	13D	1N			P	1141	200	2.8	E
0357	HTPR	17	1306	1328	1333	S14	E07	3905	09	18.1	27	SF			C	1328	30	.3	E
0358	HTPR	17	1327	1356	1430	N20	E41	3908	09	20.7	63	SB			C	1356	40	.5	E
0359	LVOV	17	1328	1354	1433	S13	E42	3907	09	20.7	65	SF			C	1354	100	1.5	D
0360	HTPR	17	1353	1356	1408	S14	E07	3905	09	18.1	15	SN			C	1356	60	.6	E
0361	HTPR	17	1429		1437D	S14	E07	3905	09	18.1	8D	SN			C	1437	30	.3	
0362	HOLL	17	1522	1532	1540	N22	E54	3908	09	21.8	18	SF		3	C		25		
0363		17	15221	15221	1536	S12	E08	3905	09	18.2	14	SN					75	1.0	F
	HOLL	17	1522	1522	1531	S12	E08	3905	09	18.2	9	SN		3	C		50		F
	BIGB	17	1523	1523	1540	S12	E08	3905	09	18.2	17	SN		3	C	1523	100	1.0	
		17	1645		1728	No Flare Patrol													
		17	1856		1901	No Flare Patrol													
		17	2048		2100	No Flare Patrol													
		17	2112		2142	No Flare Patrol													
		17	2200		2247	No Flare Patrol													
0364	LEAR	18	0303	0304	0319	N19	E36	3908	09	20.9	16	SN		3	C		79		F
0365	PEKG	18	0335	0340	0355	S18	W37	3901	09	15.3	20	SF			P	0340	42	.6	D
0366	LEAR	18	0450	0453	0500	N17	E35	3908	09	20.9	10	SF		3	C		20		
0367	ABST	18	0539	0544	0559D	N17	W38	3909	09	15.3	20D	SN			P	0544	131	1.7	EK
0368	ABST	18	0549	0551	0559D	S08	E26	3907	09	20.2	10D	SF			P	0551	87	1.0	DJ
0369		18	05551	05574	0612	N16	E28	3908	09	20.4	17	SN					86	1.0	DEV
	PEKG	18	0555	0601	0612	N15	E28	3908	09	20.4	17	SF			P	0601	42	.5	D
	ABST	18	0556	0557	0559D	N16	E28	3908	09	20.4	3D	SN			P	0557	131	1.5	EV
0370	LEAR	18	0657	0657	0708	N18	E34	3908	09	20.9	11	SF		3	C		21		
0371	LEAR	18	0755	0757	0802	S17	W02	3905	09	18.2	7	SF		3	C		38		
0372	KANZ	18	1035	1035	1047	N16	E25	3908	09	20.3	12	SF		3					
0373	HTPR	18	1104	1118	1145	N16	W40	3909	09	15.4	41	SF			C	1118	60	.8	
0374		18	11341	11381	1152	S09	W09	3905	09	17.8	18	SF					65	.6	EG
	KANZ	18	1134	1138	1149	S09	W09	3905	09	17.8	15	SF		3					G
	HTPR	18	1135	1139	1156	S09	W09	3905	09	17.8	21	SN			C	1139	30	.3	E
	KHAR	18	1137E		1152D	S09	W10	3905	09	17.7	15D	SF			P	1142	100	1.0	E

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0375		18	1217*	1404*	1448	N18	E30	3908	09	20.8	151	SN	C	1.0			147		
	RAMY	18	1217	1404	1503	N19	E29	3908	09	20.7	166	SN	C	1.0	3	C	147		
	KANZ	18	1402	1418	1433	N18	E30	3908	09	20.9	31	SN			3				
0376	KANZ	18	1505	1505	1509	S09	W20	3901	09	17.1	4	SN			3				
0377	RAMY	18	1623	1625	1632	N18	E27	3908	09	20.7	9	SN	C	.9	3	C		33	
0378	PALE	18	1832	1832	1839	N01	W10	3906	09	18.0	7	SF	C	.8	3	C		27	F
0379	PALE	18	1907	1908	1913	N17	E34	3910	09	21.4	6	SF			3	C		23	
0380		18	23504	23533	2406	S09	E17	3907	09	20.3	16	SN					63	.7	D
	BIGB	18	2350	2353	2420E	S09	E17	3907	09	20.3	30	SN			3	P	2353	80	.9
	PEKG	18	2354	2356	2406	S09	E17	3907	09	20.3	12	SF				C	2356	46	.5
0381	LEAR	19	0217	0217	0224	S16	W12	3905	09	18.2	7	SF			3	C		20	
0382	PEKG	19	0308	0309	0317	N01	W12	3906	09	18.2	9	SF				C	0309	71	.8
0383	ABST	19	0545	0547	0605	S02	W14	3906	09	18.2	20	SF				C	0547	87	.9
0384	ABST	19	0548	0551	0600	S12	E06	3907	09	19.7	12	SF				C	0551	87	.9
0385		19	0605	06052	0610	N16	E38	3914	09	22.1	5	SF					68	1.0	DE
	LEAR	19	0605	0605	0609	N16	E39	3914	09	22.2	4	SF			3	C	24		
	PEKG	19	0605	0606	0610	N15	E39	3914	09	22.2	5	SF				P	0606	50	.6
	ABST	19	0605	0607	0610	N16	E37	3914	09	22.0	5	SN				C	0607	131	1.4
0386		19	08054	08092	0821	N15	E36	3914	09	22.1	16	SF					34	.4	
	KANZ	19	0805	0809	0820	N16	E37	3914	09	22.1	15	SF			2				
	WEND	19	0805	0811	0816	N17	E36	3914	09	22.1	11	SF				C	0811	31	.4
	KHAR	19	0807E		0837D	N14	E37	3914	09	22.1	30D	SF				V	0815		
	LEAR	19	0809	0811	0826	N14	E34	3914	09	21.9	17	SF			3	C		37	
	KHAR	19	0821E		0827D	N14	E37	3914	09	22.1	6D	SF				V	0823		
0387	KANZ	19	0919	0919	0927	N16	E37	3914	09	22.2	8	SN			2				
0388		19	1351*	1436*	1804	S14	E06	3907	09	20.0	253	2B	C	9.2			789	7.5	EFLUZ
	RAMY	19	1351	1436	1445D	S12	E02	3907	09	19.7	54D	2N			3	C	575		ZF
	KANZ	19	1415	1503	1503D	S13	E06	3907	09	20.0	48D	2N			2				L
	HOLL	19	1419	1512	1804	S15	E07	3907	09	20.1	225	2B	C	9.2	3	C	1091		UE
	WEND	19	1503E	1516	1630D	S14	E07	3907	09	20.1	87D	2B				C	1516	700	7.5
0389	HOLL	19	1435	1438	1509	S17	W19	3905	09	18.2	34	SF			3	C		31	F
0390	HOLL	19	1808	1814	1815	S09	E06	3907	09	20.2	7	SF			3	C		25	
0391	PALE	19	1930	1932	1933	S17	E05	3907	09	20.2	3	SF			2	C		101	
0392	HOLL	19	1954	1954	2000	S09	E05	3907	09	20.2	6	SF			3	C		42	F
0393	PALE	19	2032	2033	2036	N18	E26	3914	09	21.8	4	SF			2	C		37	
0394	PALE	19	2133	2134	2140	N16	E26	3914	09	21.9	7	SF			3	C		34	
0395		19	2257*	2259*	2341	N16	E29	3914	09	22.1	44	SF					168	2.0	EFL
	HOLL	19	2257	2259	2313	N15	E29	3914	09	22.1	16	SN			3	C	47		
	PEKG	19	2305	2310	2350	N16	E29	3914	09	22.2	45	SF				P	2310	168	2.0
	PEKG	19	2305	2325	2350	N17	E29	3914	09	22.2	45	SF				P	2325	168	2.0
	HOLL	19	2315	2319	2338D	N15	E29	3914	09	22.2	23D	1N			3	C	427		F
	LEAR	19	2342E	2342U	2352	N16	E29	3914	09	22.2	10D	SF			3	C	29		F
0396	LEAR	20	0136	0143	0201	N18	E11	3908	09	20.9	25	SF			3	C		22	FH
0397		20	02391	02401	0247	S08	W04	3907	09	19.8	8	SB	C	1.0			112	1.0	EF
	CULG	20	0239	0240U	0240D	S05	W04	3907	09	19.8	10	SN				P	0240	80	.8
	PALE	20	0239	0240	0246	S09	W05	3907	09	19.7	7	SB	C	1.0	3	C	121		FE
	LEAR	20	0239	0240	0249	S09	W02	3907	09	20.0	10	SN				C	140		
	PEKG	20	0240	0241	0246	S09	W03	3907	09	19.9	6	SB				C	0241	109	1.2

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0398	PEKG	20	0305E	0305	0315	S09	E01	3907	09	20.2	10D	SF		P		0305	29	.3	D
0399		20	05334	05344	0540	S15	W03	3907	09	20.0	7	SF					69	.7	DEV
	ABST	20	0533	0534	0538	S14	W03	3907	09	20.0	5	SN		C		0534	87	.9	DV
	PEKG	20	0535E	0535	0539	S15	W02	3907	09	20.1	4D	SF		P		0535	34	.4	E
	ABST	20	0537	0538	0542	S16	W04	3907	09	19.9	5	SF		C		0538	87	.9	D
0400	KAND	20	0855E		0906	S12	W01	3907	09	20.3	11D	SN		C					
0401	KANZ	20	0919	0927	0943	N17	E20	3914	09	21.9	24	SF		2					
0402		20	13063	1310	1314	N16	E11	3910	09	21.4	8	SN					42		
	KANZ	20	1306	1310	1314	N16	E11	3910	09	21.4	8	SF		2					
	RAMY	20	1309	1310	1313	N16	E11	3910	09	21.4	4	SN		3	C		42		
0403		20	14031	14051	1416	S12	W06	3907	09	20.1	13	SN					23		F
	KANZ	20	1403	1406	1417	S13	W04	3907	09	20.3	14	SF		2					
	RAMY	20	1404	1405	1414	S12	W07	3907	09	20.0	10	SN		3	C		23		F
0404		20	16561	17012	1714	S12	W13	3907	09	19.7	18	SF					55	.7	
	RAMY	20	1656	1701	1712	S12	W13	3907	09	19.7	16	SF		3	C		40		
	BIGB	20	1657	1703	1717	S12	W13	3907	09	19.7	20	SF		3	C	1703	70	.7	
0405		20	17443	17462	1758	N21	W03	3908	09	20.5	14	SF					55	.8	F
	BIGB	20	1744	1746	1801	N21	W03	3908	09	20.5	17	SF		3	C	1746	80	.8	
	PALE	20	1747	1748	1755	N21	W03	3908	09	20.5	8	SF		3	C		30		F
		20	2338		2344	No Flare Patrol													
0406	PEKG	21	0306	0314	0324	N17	W07	3908	09	20.6	18	SF		P		0314	34	.4	E
0407	PEKG	21	0314E	0314	0330	S09	W13	3907	09	20.1	16D	SF		P		0314	59	.6	E
0408	PEKG	21	0504	0507	0512	S18	W18	3907	09	19.8	8	SF		P		0507	50	.6	D
0409		21	0600*	06047	0614	S16	W16	3907	09	20.0	14	SN					87	.9	DV
	ABST	21	0600	0604	0610	S18	W17	3907	09	19.9	10	SF		C		0604	87	.9	D
	ABST	21	0610	0611	0617	S14	W14	3907	09	20.2	7	SN		C		0611	87	.9	DV
0410	CATA	21	0625E	0630	0630D	S08	W14	3907	09	20.2	5D	S		2	P	0630	28	.3	
0411	PEKG	21	0725	0726	0729	N18	E12	3914	09	22.2	4	SF		P		0726	97	1.0	E
0412		21	08455	08504	0859	N16	E21	3915	09	22.9	14	SF					38	.4	E
	PURP	21	0845	0851	0857	N15	E22	3915	09	23.0	12	SF		C		0851	9	.1	E
	KANZ	21	0847	0850	0901	N17	E20	3915	09	22.9	14	SF		3					
	PEKG	21	0850	0854	0855D	N16	E20	3915	09	22.9	5D	SF		P		0854	67	.8	E
0413		21	0853	08541	0900	N17	W06	3908	09	20.9	7	SF					25	.3	D
	PEKG	21	0853	0854	0855	N17	W06	3908	09	20.9	2	SF		C		0854	25	.3	D
	KANZ	21	0853	0855	0906	N17	W06	3908	09	20.9	13	SF		3					
0414	KHAR	21	0859E		0908D	N16	E29	3915	09	23.6	9D	SF		V					D
0415	KHAR	21	0859E		0911D	N20	E04	3914	09	21.7	12D	SF		V		0859			E
0416	KANZ	21	0913		0913D	S17	W19	3907	09	19.9	12D	SF		3					E
0417		21	09183	09289	0958	N01	W43	3906	09	18.2	40	SN					131	2.2	EFG
	LEAR	21	0918	0928	0930D	N01	W41	3906	09	18.3	12D	SN		3	C		94		F
	YUNN	21	0920	0937	0955	S00	W43	3906	09	18.2	35	SB		C			80	1.1	
	KAND	21	0921		1002	N00	W43	3906	09	18.2	41	1B		C					G
	KHAR	21	0925E	0926U	1013D	N03	W45	3906	09	18.0	48D	1F		V		0930	220	3.2	E
	KANZ	21	0929E	0929	0945D	S00	W42	3906	09	18.2	16D	SB		2					G
0418	KAND	21	0924E		0932	N14	W16	3908	09	20.2	8D	SN		C					D
0419	KAND	21	1012		1033	S17	W19	3907	09	20.0	21	SN		C					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	Obs See	Type	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0420	KHAR	21	1107E	1109U	1113D	N18	W11	3908	09	20.6	6D	SN			V	1109			H
		21	1334		1342			No Flare Patrol											
0421	RAMY	21	1540	1544	1608	N19	W03	3908	09	21.4	28	SF		3	C		32		
0422		21	1921	1924	1948	N14	W01	3910	09	21.7	27	SN	C 1.0				73	1.0	
	PALE	21	1921E	1921U	1946	N14	W01	3910	09	21.7	25D	SN	C 1.0	3	C		46		
	BIGB	21	1921	1924	1950	N14	W01	3910	09	21.7	29	SN		3	C	1924	100	1.0	
0423	PALE	21	2212	2238	2259	N18	W18	3908	09	20.5	47	SF		3	C		25		
0424		22	00011	00018	0013	S10	W26	3907	09	20.0	12	SF					65	.8	E
	CULG	22	0001	0001	0013	S08	W24	3907	09	20.2	12	SF			C	0001	30	.3	
	BIGB	22	0002	0008	0010D	S13	W27	3907	09	20.0	8D	SN		3	P	0008	110	1.3	
	PALE	22	0002	0009	0020	S13	W27	3907	09	20.0	18	SF		3	C		60		
	PEKG	22	0005E	0005	0007	S08	W25	3907	09	20.1	2D	SF			C	0005	59	.7	E
0425	PALE	22	0013	0021	0031	N18	W19	3908	09	20.6	18	SF		3	C		21		
0426		22	0517	0518	0543	N14	W17	3910	09	20.9	26	SN	C 1.1				70	.7	F
	CULG	22	0517E	0517U	0522D	N14	W18	3910	09	20.8	5D	SN			P	0517	60	.7	
	LEAR	22	0517	0518	0543	N15	W16	3910	09	21.0	26	SF	C 1.1	3	C		79		F
0427	ABST	22	0553E	0555	0626	N16	W18	3908	09	20.9	33D	1N			P	0555	217	2.4	E
0428		22	06121	0555*	0622	S14	W26	3907	09	20.3	10	SF					76	.9	DE
	ABST	22	0553E	0555	0610	S15	W28	3907	09	20.1	17D	SF			P	0555	87	1.1	D
	ABST	22	0612	0614	0640	S13	W25	3907	09	20.4	28	SN			C	0614	131	1.5	E
	CULG	22	0613	0614	0618	S13	W25	3907	09	20.4	5	SF			C	0614	60	.7	
	PURP	22	0617E	0617	0621	S14	W24	3907	09	20.4	4D	SF			P	0617	26	.3	
0429	KHAR	22	0917E		0940D	S10	E01	3913	09	22.5	23D	SF			V	0918			
0430		22	09222	09241	0935	N14	W15	3910	09	21.2	13	SB	C 2.3				83		DHL
	KHAR	22	0920E		0938D	N14	W15	3910	09	21.2	18D	SN			V	0922			DL
	LEAR	22	0922	0925	0935	N14	W14	3910	09	21.3	13	SB	C 2.3	3	C		83		H
	KAND	22	0924E		0932	N14	W16	3910	09	21.2	8D	SN			C				D
	KANZ	22	0924	0924	0937	N13	W14	3910	09	21.3	13	SB		3					
0431	KHAR	22	0926E		1042D	S13	W32	3907	09	20.0	76D	1F			V	0931			
0432	KHAR	22	0953E		0956D	N14	W16	3910	09	21.2	3D	SF			V	0953			DL
0433		22	1120	1124	1132	N14	W16	3910	09	21.3	12	SN							DL
	KHAR	22	1119E	1120U	1130D	N14	W16	3910	09	21.3	11D	SN			V	1120			DL
	KANZ	22	1120	1124	1132	N13	W15	3910	09	21.3	12	SN		2					D
0434	KANZ	22	1206	1232	1301D	S02	W56		09	18.3	55D	SN		2					H
		22	1302		1319			No Flare Patrol											
		22	1333		1345			No Flare Patrol											
		22	1400		1415			No Flare Patrol											
0435	KANZ	22	1416E	1420	1453D	S02	W57		09	18.3	37D	SN		3					L
0436	KANZ	22	1416E	1416	1423	S09	W02	3913	09	22.4	7D	SF		3					
0437		22	1420*	1427	1447	N14	W14	3910	09	21.5	27	SN							E
	KANZ	22	1420	1427	1447	N15	W13	3910	09	21.6	27	SF		3					
	KANZ	22	1451		1453D	N13	W15	3910	09	21.5	2D	SN		3					E
		22	1454		1522			No Flare Patrol											
0438	HOLL	22	1546	1620	1633	S13	W34	3907	09	20.1	47	SF		3	C		30		F
0439		22	1610	1612	1630	S09	W04	3913	09	22.4	20	SN					53	.8	F
	HOLL	22	1610	1612	1624	S09	W04	3913	09	22.4	14	SN		3	C		26		F
	BIGB	22	1610	1612	1636	S09	W04	3913	09	22.4	26	SN		3	C	1612	80	.8	

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0440	PALE	22	1809	1817	1820	S15	W34	3907	09	20.2	11	SF		3	C		23		
0441		22	1821	1822	1830	N13	W19	3910	09	21.3	9	SB C 2.9					73		EH
	HOLL	22	1821	1824	1830	N13	W19	3910	09	21.3	9	SB C 2.9	3	C		47			EH
	PALE	22	1822	1822	1830	N13	W19	3910	09	21.3	8	SB	3	C		99			
0442	PALE	22	1917	1921	1935	N13	W16	3910	09	21.6	18	SN		3	C		40		F
0443		22	1952	1954	2001	N13	W20	3910	09	21.3	9	SB C 1.9					56		H
	HOLL	22	1952	1954	1959	N13	W20	3910	09	21.3	7	SB	4	C		49			H
	PALE	22	1952	1955	2003	N13	W20	3910	09	21.3	11	SB C 1.9	3	C		63			H
0444		22	2023	2024	2030	S12	W37	3907	09	20.1	7	SB					38		H
	HOLL	22	2023	2025	2031	S13	W36	3907	09	20.1	8	SB		4	C		42		H
	PALE	22	2024	2024	2029	S11	W38	3907	09	20.0	5	SN		3	C		33		
0445		22	2109	2110	2119	N12	W21	3910	09	21.3	10	SB C 1.2					69	.8	H
	BIGB	22	2109	2110	2121	N13	W21	3910	09	21.3	12	SB	3	C		2110	70	.8	
	PALE	22	2110	2111	2117	N11	W20	3910	09	21.4	7	SB	3	C			75		
	HOLL	22	2110	2111	2119	N13	W21	3910	09	21.3	9	SB C 1.2	4	C			62		H
0446		22	2307	2310	2323	N13	W22	3910	09	21.3	16	SB C 2.0					90	1.0	DH
	CULG	22	2307	2313	2318	N12	W23	3910	09	21.2	11	SB		C		2313	90	1.0	
	VORO	22	2308	2310	2320	N13	W23	3910	09	21.2	12	SN		C		2310	108	1.2	DH
	BIGB	22	2310	2315	2322	N13	W22	3910	09	21.3	12	SN C 2.0	3	C		2315	80	.9	
	HOLL	22	2311	2314	2331	N13	W22	3910	09	21.3	20	SB C 2.0	4	C			82		
0447		22	2349*	2355*	2419	N12	W22	3910	09	21.3	30	SN					53	.7	DEHK
	CULG	22	2349	2355	2401	N12	W24	3910	09	21.2	12	SB		C		2355	60	.6	
	LEAR	22	2352	2356	2401	N13	W22	3910	09	21.3	9	SB	3	C			61		EH
	HOLL	22	2352	2357	2403	N13	W22	3910	09	21.3	11	SB	4	C			50		H
	BIGB	22	2352	2358	2408	N13	W22	3910	09	21.3	16	SB	3	C			70	.8	
	PEKG	22	2353	2355	2431	N12	W22	3910	09	21.3	38	SN		C		2355	50	.6	DK
	VORO	22	2353	2356	2403	N13	W23	3910	09	21.2	10	SN		C		2356	90	1.0	DH
	PEKG	22	2353	2423	2431	N13	W23	3910	09	21.2	38	SN		C		2423	42	.5	D
	PALE	22	2358	2358		N11	W22	3910	09	21.3		SB	3	C			27		
	CULG	23	0021	0023	0032	N13	W23	3910	09	21.3	11	SN		C		0023	40	.4	
	VORO	23	0022	0024	0033	N13	W23	3910	09	21.3	11	SF		C		0024	72	.8	D
	HOLL	23	0022	0024	0034	N11	W22	3910	09	21.4	12	SN	3	C			38		
	LEAR	23	0023	0023	0030	N13	W22	3910	09	21.3	7	SF	3	C			32		
0448	CULG	23	0102	0103	0108	N12	W23	3910	09	21.3	6	SN		C		0103	50	.5	
0449	ISTA	23	0630E		0657	N11	W25	3910	09	21.4	27D	SF							D
0450		23	0711*	0738	0740	N12	W26	3910	09	21.3	29	SN					42	.5	BDE
	ISTA	23	0711		0740	N11	W25	3910	09	21.4	29	SN							BD
	PEKG	23	0731	0738	0738D	N13	W26	3910	09	21.3	7D	SF		P		0738	42	.5	E
0451	KAND	23	1140		1252	S05	W90		09	16.7	72			P					Y
0452	HOLL	23	1405	1407	1411	S13	E79	3919	09	29.5	6	SF C 2.8	3	C					
0453	HOLL	23	1415	1422	1427	N11	E67	3917	09	28.6	12	SF		3	C		10		
		23	1854		1910	No Flare Patrol													
0454		23	1933	1941	1951	N17	W42	3908	09	20.6	18	SN C 1.2					65	1.2	
	BIGB	23	1933	1941	1954	N17	W42	3908	09	20.6	21	SN	3	C		1941	90	1.2	
	PALE	23	1941E	1942U	1948	N17	W42	3908	09	20.6	7D	SF C 1.2	3	C			40		
0455	CULG	23	2141	2143	2145	N12	W34	3910	09	21.3	4	SN		C		2143	40	.5	
0456		23	2304	2309	2320	N13	W35	3910	09	21.3	16	SB C 1.9					60	.9	DH
	CULG	23	2304	2309	2317	N12	W36	3910	09	21.2	13	SB		C		2309	50	.6	
	VORO	23	2306	2309	2319	N13	W37	3910	09	21.2	13	SN		C		2309	81	1.0	D
	LEAR	23	2308	2310	2316	N13	W34	3910	09	21.4	8	SB	3	C			49		H
	HOLL	23	2308E	2310	2320	N13	W35	3910	09	21.3	12D	SB C 1.9	4	C			42		H
	BIGB	23	2311E	2313	2328	N13	W35	3910	09	21.3	17D	SB	3	C		2313	80	1.0	

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																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0457		24	00175	00239	0036	N12	W36	3910	09	21.3	19	SF					56	.8	DEK
	PALE	24	0017	0032	0036	N12	W35	3910	09	21.4	19	SN		3	C		34		
	CULG	24	0018	0031	0037	N12	W37	3910	09	21.2	19	SN			C	0031	40	.5	
	VORO	24	0020	0029	0037	N13	W37	3910	09	21.2	17	SF			C	0029	108	1.4	DK
	PEKG	24	0022	0023	0036	N13	W36	3910	09	21.3	14	SF			C	0023	42	.5	DK
	PEKG	24	0022	0029	0036	N13	W36	3910	09	21.3	14	SF			C	0029	59	.7	E
0458	LEAR	24	0027	0030	0038	N14	W28	3910	09	21.9	11	SN		3	C		41		
0459	CULG	24	0240	0241	0249	N16	W46	3908	09	20.6	9	SF			C	0241	30	.4	
0460		24	03491	03521	0400	S16	W53	3907	09	20.1	11	SF					32	.6	D
	CULG	24	0349	0353	0402	S17	W53	3907	09	20.1	13	SF			C	0353	40	.8	
	PEKG	24	0350	0352	0357	S14	W53	3907	09	20.1	7	SF			P	0352	25	.5	D
0461	PEKG	24	0350	0352	0400	N19	W45	3908	09	20.7	10	SN			P	0352	71	1.0	E
0462	PEKG	24	0457E	0457	0513	N18	W39	3908	09	21.2	16D	SN			P	0457	55	.7	D
0463		24	0558	0559	0608	S14	W54	3907	09	20.2	10	SF					17		EV
	LEAR	24	0558	0559	0607	S15	W53	3907	09	20.2	9	SF		3	C		17		
	ABST	24	0558	0559	0610	S13	W54	3907	09	20.2	12	SF			C	0559			EV
0464	ABST	24	0602	0604	0608	S09	W27	3913	09	22.2	6	SN			C	0604	174	1.9	E
0465	ABST	24	0634	0635	0645	S02	E90	3923	10	1.0	11	1N			C	0635	174		AV
0466		24	07002	07023	0710	N14	E80	3922	09	30.3	10	SF					98		D
	BUCA	24	0700	0702	0710	N15	E78	3922	09	30.2	10	SF			C	0702	64		D
	ABST	24	0702	0704	0710	N14	E80	3922	09	30.3	8	1N			C	0704	131		D
	LEAR	24	0702	0705	0709	N14	E82	3922	09	30.5	7	SF		3	C				
0467	ABST	24	0703	0704	0710	N13	E56	3917	09	28.5	7	SN			C	0704	87	1.8	DV
0468	LEAR	24	0713	0715	0718	S14	E60	3919	09	28.8	5	SF		3	C		15		
0469		24	0819	08217	0835	N18	W48	3908	09	20.7	16	SN					68	1.3	EF
	WEND	24	0819	0822	0831	N17	W47	3908	09	20.8	12	SN			C	0822	30	.5	
	LEAR	24	0819	0828	0836	N18	W46	3908	09	20.8	17	SF		3	C		52		F
	PURP	24	0821E	0821	0839	N19	W50	3908	09	20.5	18D	1N			P	0821	121	2.1	E
0470	LEAR	24	0844	0847	0849	N14	E79	3922	09	30.3	5	SF		3	C				
0471		24	0858*	09091	0914	N15	E79	3922	09	30.3	16	SN					28		
	LEAR	24	0858	0909	0913	N14	E81	3922	09	30.5	15	SF		3	C		29		
	WEND	24	0908	0910	0916	N16	E77	3922	09	30.2	8	SN			C	0910	28		
0472	KHAR	24	0926E	1012U	1052D	N15	E79	3922	09	30.4	86D	1F			P				
0473		24	1000	1005	1009	N14	W32	3914	09	22.0	9	SF					77	.9	E
	WEND	24	1000	1005	1009	N15	W29	3914	09	22.2	9	SF			C	1005	34	.4	
	KHAR	24	1006E		1022D	N13	W34	3914	09	21.8	16D	SF			P	1012	120	1.4	E
		24	1037		1041	No Flare Patrol													
		24	1253		1315	No Flare Patrol													
0474	RAMY	24	1317	1326	1340	S10	W29	3913	09	22.4	23	SF		3	C		24		
		24	1319		1326	No Flare Patrol													
		24	1330		1335	No Flare Patrol													
0475	RAMY	24	1340	1343	1606	N15	E75	3922	09	30.2	146	SF		3	C				
		24	1402		1406	No Flare Patrol													
0476	RAMY	24	1416	1416	1420	S09	E62	3919	09	29.2	4	SF		3	C		21		
0477	RAMY	24	1548	1555	1610	S12	E54	3919	09	28.7	22	SF C 1.4	3	C			44		

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		24	1714		1801			No Flare Patrol											
0478		24	1812	1813	1830	S10	E58	3919	09	29.1	18	SF	C 1.8				51		F
	PALE	24	1812	1813	1838	S09	E58	3919	09	29.1	26	SF	C 1.8	3	C		69		F
	HOLL	24	1818E	1818U	1823	S11	E59	3919	09	29.2	5D	SF		3	C		33		F
		24	1833		1927			No Flare Patrol											
		24	1935		1941			No Flare Patrol											
		24	1946		1953			No Flare Patrol											
0479	HOLL	24	1954E	1958	2028	S14	E53	3919	09	28.8	34D	SN	C 2.0	3	C		62		F
		24	2005		2049			No Flare Patrol											
0480	PALE	24	2022	2029	2052	N18	W56	3908	09	20.6	30	SF	C 2.0	3	C		133		
0481	PURP	25	0020	0028	0122D	N23	E68	3917	09	30.2	62D	SN			C	0028	39		
0482	PALE	25	0040	0042	0045	N15	E68	3922	09	30.2	5	SF		3	C		65		
0483	PALE	25	0146	0148	0151	N18	W57	3908	09	20.7	5	SF		3	C		30		
0484	LEAR	25	0146	0148	0200	S03	E90	3923	10	1.8	14	SF		3	C				
0485		25	02168	02241	0234	N14	E68	3922	09	30.2	18	SN					23		
	PALE	25	0216	0225	0236	N15	E67	3922	09	30.2	20	SN		3	C		26		
	LEAR	25	0224	0224	0233	N14	E69	3922	09	30.3	9	SF		3	C		20		
0486	LEAR	25	0348	0349	0357	N14	E69	3922	09	30.4	9	SF		3	C		14		
0487	ABST	25	0455	0501	0520	N13	E65	3922	09	30.1	25	1N			C	0501	87		DK
0488		25	0640	0647	0744	N14	E65	3922	09	30.2	64	1N					174		DJ
	ABST	25	0640	0647	0702D	N13	E65	3922	09	30.2	22D	1N			P	0647	174		DJ
	KANZ	25	0710E		0744	N16	E65	3922	09	30.2	34D	SF		3					
0489		25	08221	08231	0827	N12	E46	3917	09	28.8	5	SN					25	.4	
	WEND	25	0822	0824	0827	N13	E46	3917	09	28.8	5	SN			C	0824	25	.4	
	KANZ	25	0823	0823	0827	N12	E46	3917	09	28.8	4	SN		3					
0490	KHAR	25	0907E		0920D	N14	E66	3922	09	30.4	13D	1N			P	0907	160		E
0491	RAMY	25	1442	1444	1448	S09	E49	3919	09	29.3	6	SB		3	C		22		
		25	1640		1657			No Flare Patrol											
		25	1721		1728			No Flare Patrol											
		25	1807		1918			No Flare Patrol											
		25	2006		2014			No Flare Patrol											
0492	PALE	26	0115	0116	0120	N14	E35	3917	09	28.7	5	SF		3	C		21		
0493	PEKG	26	0347E	0353	0400	N15	E42	3917	09	29.3	13D	SF			P	0353	46	.6	E
0494		26	05151	05161	0527	S12	E34	3919	09	28.8	12	SF					52	.7	F
	CULG	26	0515	0516	0529	S12	E34	3919	09	28.8	14	SF			C	0516	60	.7	F
	LEAR	26	0516	0517	0525	S13	E33	3919	09	28.7	9	SF		3	C		43		F
0495		26	07141	07251	0749	N14	E46	3922	09	29.8	35	SN					56	.8	D
	KANZ	26	0714	0726	0749	N13	E46	3922	09	29.8	35	SN		3					D
	CATA	26	0715	0725	0800D	N14	E46	3922	09	29.8	45D	S		2	P	0725	56	.8	
0496		26	08222	08281	0842	N14	E52	3922	09	30.3	20	SF	C 2.1				29		DF
	KANZ	26	0822	0829	0840	N16	E52	3922	09	30.3	18	SF		3					
	KHAR	26	0824E		0850D	N13	E51	3922	09	30.2	26D	SF			V	0826			D
	LEAR	26	0824	0828	0843	N14	E52	3922	09	30.3	19	SF	C 2.1	3	C		29		F
0497	ABST	26	0946	0948	0955	N15	E40	3917	09	29.4	9	1N			C	0948	261	3.5	EK

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0498	KHAR	26	1110E		1120D	S13	E30	3919	09	28.7	10D	SF			V	1110			H
0499	KHAR	26	1125E		1130D	N12	E36	3917	09	29.2	5D	1N			V	1127			EL
0500	RAMY	26	1220	1314	1314D	N15	E36	3917	09	29.2	54D	1N		3	C		299		
0501	RAMY	26	1234	1329	1353	N13	E48	3922	09	30.1	79	SF		3	C		27		
		26	1251		1312	No Flare Patrol													
0502	HOLL	26	1605	1605	1613	N13	W71	3910	09	21.3	8	SF		3	C		20		
0503	RAMY	26	1634	1634	1652	S04	E63	3923	10	1.4	18	SF		3	C		27		
0504	HOLL	26	1659	1717	1733	N14	E30	3917	09	29.0	34	SB C	2.6	3	C		106		
0505		26	1834	1836	1849	S12	E26	3919	09	28.7	15	SB C	2.4				69		EF
	HOLL	26	1834	1836	1853	S12	E26	3919	09	28.7	19	SB C	2.4	3	C		71		F
	PALE	26	1835	1837	1845	S11	E27	3919	09	28.8	10	SB		3	C		67		FE
0506	PALE	26	1842	1849	1919	N16	E34	3917	09	29.3	37	SN		3	C		31		
0507	HOLL	26	1903E	1903U	1912	S14	W84	3907	09	20.4	9D	SF		3	C				
0508	PALE	26	1913	1914	1918	N15	E47	3922	09	30.3	5	SN		3	C		18		
0509	PALE	26	1946	1951	2005D	N16	E29	3917	09	29.0	19D	SN		3	C		60		
0510		26	2020	2022	2030	S12	E25	3919	09	28.7	10	SB					97		EFH
	HOLL	26	2020	2022	2024D	S12	E25	3919	09	28.7	4D	SB		3	C		96		E
	PALE	26	2022	2023	2030	S11	E25	3919	09	28.7	8	SN		3	C		98		FH
0511	HOLL	26	2025	2037	2054	N20	W80	3908	09	20.7	29	1N C	5.0	4	C				F
0512	HOLL	26	2044	2053	2135D	N15	E43	3922	09	30.1	51D	SN		4	C		53		
0513	HOLL	26	2100	2113	2135D	N18	E36	3917	09	29.6	35D	SN		4	C		74		
0514		26	2116	2126*	2158D	N14	E38	3922	09	29.7	47D	SN					81	1.0	
	PALE	26	2111	2147	2158D	N15	E38	3922	09	29.7	47D	SN		3	C		82		
	CULG	26	2117	2126	2149D	N14	E38	3922	09	29.7	32D	SN		P		2126	80	1.0	
0515		26	2316*	2323*	2406	N15	E30	3917	09	29.2	50	SB M	1.0				219	2.7	EFHKZ
	PALE	26	2315E	2326U	2421D	N17	E31	3917	09	29.3	66D	1B M	1.0	3	C		266		FE
	CULG	26	2316	2325	2408	N17	E29	3917	09	29.2	52	1B			C	2325	180		FE
	VORO	26	2316	2326	2407D	N17	E30	3917	09	29.2	51D	1B			C	2326	421	5.0	EH
	LEAR	26	2317	2323	2412	N14	E30	3917	09	29.2	55	SB		3	C		139		FEK
	LEAR	26	2317	2336	2412	N14	E30	3917	09	29.2	55	SN		3	C		166		K
	HOLL	26	2317	2337	2412	N15	E30	3917	09	29.2	55	1B		3	C		264		
	MANI	26	2319E	2324	2350D	N15	E30	3917	09	29.2	31D	SN		1	V		150	1.8	F
	MITK	26	2326	2329	2402	N16	E30	3917	09	29.2	36	SN			C	2329			E
	PEKG	26	2339E	2339	2350	N15	E30	3917	09	29.2	11D	SN			P	2339	168	2.0	FZ
0516		27	0020	0026	0045	S10	W22	3925	09	25.4	25	SF					54	.8	F
	CULG	27	0020	0026	0045	S10	W22	3925	09	25.4	25	SF			C	0026	80	.8	F
	PALE	27	0030E	0031U	0045	S10	W21	3925	09	25.4	15D	SF		3	C		29		
0517		27	0022	0025	0030	S12	E26	3919	09	29.0	17	SN					84	1.1	DFJ
	VORO	27	0022	0025	0030	S12	E25	3919	09	28.9	8	SF			C	0025	125	1.5	DJ
	CULG	27	0023	0024	0033	S11	E26	3919	09	29.0	10	SF			C	0024	60	.7	F
	LEAR	27	0023	0026	0057	S13	E28	3919	09	29.1	34	SN		3	C		101		F
	PALE	27	0026E	0028U	0036	S11	E27	3919	09	29.0	10D	SN		3	C		48		
0518		27	0119	0123*	0154	S08	E27	3919	09	29.1	35	SN					48	.8	EF
	CULG	27	0119	0133	0157	S07	E27	3919	09	29.1	38	SN			C	0133	80	.9	F
	LEAR	27	0123	0123	0157	S09	E28	3919	09	29.1	34	SN		3	C		20		
	PEKG	27	0124	0133	0144	S09	E27	3919	09	29.1	20	SF			C	0133	59	.7	E
	PALE	27	0125	0128	0159	S07	E27	3919	09	29.1	34	SN		3	C		32		F

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																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0519		27	01363	0141	0148	N14	E20	3917	09	28.6	12	SF					52	.4	F
	LEAR	27	0136	0141	0151	N13	E20	3917	09	28.6	15	SF		3	C		63		F
	CULG	27	0139	0141	0146	N14	E19	3917	09	28.5	7	SF			C	0141	40	.4	
0520		27	01391	01414	0201	N10	E70	3926	10	2.3	22	SF					63		F
	CULG	27	0139	0145	0156	N11	E69	3926	10	2.2	17	1N			C	0145	100		
	PALE	27	0140	0141	0211	N11	E70	3926	10	2.3	31	SF		3	C		22		
	LEAR	27	0140	0145	0156	N09	E70	3926	10	2.3	16	SF		3	C		68		F
0521	LEAR	27	0336	0339	0346	N13	E40	3922	09	30.2	10	SN		3	C		50		F
0522		27	04061	0409*	0450	N13	E35	3922	09	29.8	44	SN					128	2.0	EFK
	PEKG	27	0406	0409	0453	N11	E35	3922	09	29.8	47	SF			C	0409	147	1.8	FK
	PEKG	27	0406	0434	0453	N12	E34	3922	09	29.7	47	SF			C	0434	67	.8	F
	LEAR	27	0407	0410	0445	N13	E36	3922	09	29.9	38	SN		3	C		36		F
	ABST	27	0415E	0424U	0426D	N15	E35	3922	09	29.8	110	1N			P	0424	261	3.3	E
0523		27	04051	0408*	0430	N14	E31	3917	09	29.5	25	SN					112	1.4	EFIW
	CULG	27	0405	0408	0434	N13	E33	3917	09	29.6	29	1N			C	0408	170	2.0	FIW
	MITK	27	0406	0408	0418D	N12	E31	3917	09	29.5	12D	1N			C	0408	190	2.3	E
	LEAR	27	0406	0408	0435	N14	E30	3917	09	29.4	29	SF		3	C		83		F
	PEKG	27	0406E	0409	0417	N15	E32	3917	09	29.6	110	SN			P	0409	84	1.0	E
	PEKG	27	0434E	0434	0435	N15	E31	3917	09	29.5	10	SF			P	0434	34	.4	E
0524	CULG	27	0509	0512U	0519	S11	E24	3919	09	29.0	10	SF			P	0512	80	.9	
0525	PEKG	27	0705	0728	0745	N15	E27	3917	09	29.3	40	SF			C	0728	105	1.2	E
0526	KHAR	27	1000E		1013D	N11	E29	3922	09	29.6	13D	SF			V	1005			D
0527	KHAR	27	1010E		1016D	N12	E17	3917	09	28.7	6D	SN			V	1010			D
					1047														
		27	1037																
0528	KHAR	27	1052E	1105	1118D	N10	E28	3922	09	29.5	26D	1N			P	1105			EH
					1124														
		27	1119																
0529	RAMY	27	1227	1230	1242	S03	E52	3923	10	1.4	15	SN		3	C		50		
0530	KANZ	27	1516	1516	1518	N12	E41	3922	09	30.7	2	SF		3					
0531	RAMY	27	1532	1532	1559	N15	E35	3922	09	30.3	27	SN		3	C		26		F
0532		27	1604	16183	1630	N17	E37	3922	09	30.5	26	SB					84	.8	
	RAMY	27	1604	1618	1630	N17	E37	3922	09	30.5	26	SB		3	C		109		
	BIGB	27	1620E	1621	1629	N17	E37	3922	09	30.5	9D	SB		3	P	1621	60	.8	
0533	BIGB	27	1903	1905	1926	N18	E30	3922	09	30.1	23	SB		3	C	1905	80	1.0	
0534		27	1910	19171	1951	S08	E17	3919	09	29.1	41	SB C 1.5					118	1.0	F
	PALE	27	1910	1917	1924D	S08	E17	3919	09	29.1	14D	SB C 1.5		3	C		147		F
	BIGB	27	1910	1918	1951	S08	E17	3919	09	29.1	41	SN C 2.4		2	C	1918	90	1.0	
0535	BIGB	27	1952	1953	2024	S11	E15	3919	09	28.9	32	SN		3	C	1953	80	.9	
0536	PALE	27	2153	2153	2155	N17	E34	3922	09	30.5	2	SF		3	C		34		F
0537	BIGB	27	2216	2218	2224	N16	E35	3922	09	30.6	8	SN		3	C	2218	80	1.0	
0538	LEAR	27	2341	2343	2346	S18	E39	3924	09	30.9	5	SF		3	C		37		
0539	LEAR	28	0035	0038	0041	S18	E38	3924	09	30.9	6	SF		3	C		26		
0540		28	00394	00431	0054	N16	E29	3922	09	30.2	15	1N					126	2.4	E
	VORO	28	0039	0043	0054	N16	E29	3922	09	30.2	15	1F			C	0043	206	2.4	E
	LEAR	28	0043	0044	0054	N15	E29	3922	09	30.2	11	SN		3	C		45		

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0541	CULG	28	0116	0119	0125	N17	E33	3922	09	30.6	9	SF			C	0119	140	1.6	
0542	CULG	28	0126	0130	0134	S11	E05	3928	09	28.4	8	SF			C	0130	40	.4	
0543		28	0308	03093	0318	N16	E30	3922	09	30.4	10	SN					49	.6	F
	CULG	28	0308	0309	0315	N18	E30	3922	09	30.4	7	SN			C	0309	50	.6	F
	LEAR	28	0308	0312	0322	N15	E31	3922	09	30.5	14	SN		3	C		48		F
0544		28	0339*	0345*	0428	N18	E16	3917	09	29.4	49	SN	C 2.6				112	1.4	EFJK
	CULG	28	0339	0346	0404	N20	E15	3917	09	29.3	25	SN			C	0346	80	.9	KFJ
	LEAR	28	0340	0347	0436	N18	E16	3917	09	29.4	56	SN	C 2.6	3	C		95		FK
	LEAR	28	0340	0423	0436	N18	E16	3917	09	29.4	56	SN		3	C		63		K
	PEKG	28	0341E	0345	0420	N19	E17	3917	09	29.4	39D	SN			C	0345	88	1.0	E
	ABST	28	0400	0404	0420	N17	E15	3917	09	29.3	20	SN			C	0404	174	1.9	EK
	ABST	28	0421	0428	0455	N17	E15	3917	09	29.3	34	SN			C	0428	174	1.9	E
0545		28	0400*	0404*	0434	N16	E29	3922	09	30.4	34	SN					106	1.4	DEFKV
	CULG	28	0400	0404	0406	N17	E32	3922	09	30.6	6	SF			C	0404	70	.8	
	ABST	28	0403	0404	0407	N15	E33	3922	09	30.7	4	SN			C	0404	131	1.5	E
	LEAR	28	0408	0414	0453	N15	E27	3922	09	30.2	45	SF		3	C		50		K
	LEAR	28	0408	0446	0453	N15	E27	3922	09	30.2	45	SN		3	C		83		FK
	ABST	28	0410	0415	0425	N15	E26	3922	09	30.1	15	SN			C	0415	87	1.0	D
	CULG	28	0435	0443	0447D	N17	E30	3922	09	30.5	12D	SN			P	0443	150	1.8	F
	ABST	28	0441	0442	0457	N16	E30	3922	09	30.5	16	1N			C	0448	174	2.1	EV
0546	LEAR	28	0449	0451	0455	S18	W13	3916	09	27.2	6	SF		3	C		41		
0547	LEAR	28	0502	0504	0517	N14	E29	3922	09	30.4	15	SF		3	C		35		F
0548		28	05241	05279	0548	S04	E42	3923	10	1.4	24	1N					117	1.6	EJ
	ABST	28	0524	0527	0555	S05	E42	3923	10	1.4	31	1N			C	0527	174	2.4	EJ
	CULG	28	0525	0536	0541	S04	E41	3923	10	1.3	16	SF			C	0536	60	.8	
0549	ABST	28	0631	0636	0645	S18	W14	3916	09	27.2	14	1N			C	0636	174	2.1	EJ
0550	KANZ	28	0718E	0728	0732D	N18	E13	3917	09	29.3	14D	SN		3					
0551	KANZ	28	0724	0728	0732D	S02	E39	3923	10	1.2	8D	SN		3					
0552	KANZ	28	0837	0837	0846	N14	E15	3922	09	29.5	9	SF		3					
0553	KANZ	28	0904	0920	0943	N14	E27	3922	09	30.4	39	SN		3					E
0554	KANZ	28	0959	0959	1025	N14	E09	3917	09	29.1	26	SN		3					L
		28	1034		1049	No Flare Patrol													
0555		28	1120	1131	1220	N13	E10	3917	09	29.2	60	1N					337	3.5	
	KANZ	28	1119E		1119D	N12	E11	3917	09	29.3	60D	SN		2					
	CATA	28	1120	1131	1220	N14	E08	3917	09	29.1	60	1		2	C	1131	337	3.5	
		28	1121		1127	No Flare Patrol													
		28	1221		1239	No Flare Patrol													
		28	1246		1342	No Flare Patrol													
0556	RAMY	28	1406	1408	1442	S11	E06	3919	09	29.0	36	SN		3	C		72		F
		28	1410		1417	No Flare Patrol													
0557	BIGB	28	1808	1808	1831	N14	W01	3917	09	28.7	23	SF		3	C	1808	60	.6	
0558	BIGB	28	1808	1819	1903	S03	E35	3923	10	1.4	55	SN		3	C	1819	90	1.1	
0559	BIGB	28	1809	1821	1916	S12	E04	3919	09	29.0	67	SN		3	C	1821	80	.8	
0560		28	20593	21021	2108	N16	E22	3922	09	30.5	9	SN					143	1.9	
	BIGB	28	2059	2102	2111	N15	E22	3922	09	30.5	12	SB		3	C	2102	130	1.4	
	CULG	28	2100	2103	2106	N16	E23	3922	09	30.6	6	1F			C	2103	220	2.4	
	PALE	28	2102	2102	2107	N16	E22	3922	09	30.5	5	SF		3	C		78		

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																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0561		28	23285	23312	2345	N02	E27	3923	10	1.0	17	SN					77	1.1	DEFJ
	PEKG	28	2328	2331	2339D	N02	E27	3923	10	1.0	11D	SN		C		2331	84	1.0	D
	CULG	28	2331	2331	2340	N04	E28	3923	10	1.1	9	SN		C		2331	80	.9	F
	PALE	28	2332	2332	2338D	N02	E27	3923	10	1.0	6D	SN	3	C			49		
	LEAR	28	2332E	2332	2346	N00	E28	3923	10	1.1	14D	SB	2	C			48		E
	VORO	28	2333	2333	2349	N02	E26	3923	09	30.9	16	SN		C		2333	125	1.4	EJ
0562		29	00144	00196	0038	S10	W01	3919	09	28.9	24	SF	C 1.4				153	1.4	DEFJ
	LEAR	29	0014	0019	0034	S12	W01	3919	09	28.9	20	1F	C 1.4	3	C		200		F
	CULG	29	0017	0021U	0033	S10	W00	3919	09	29.0	16	SF		P		0021	130	1.3	F
	VORO	29	0018	0025	0046	S10	W03	3919	09	28.8	28	SN		C		0025	143	1.5	DJ
	PEKG	29	0030E	0030U	0030D	S10	W01	3919	09	28.9	28D	SF		P		0030	139	1.5	E
0563		29	01026	01092	0126	S02	E30	3923	10	1.3	24	1N	C 1.9				231	2.8	EFJ
	PALE	29	0102	0109	0123	S02	E31	3923	10	1.3	21	SN		3	C		178		
	MANI	29	0104	0110	0130D	S03	E30	3923	10	1.3	26D	1N		1	V		200	2.4	F
	LEAR	29	0105	0111	0135	S04	E30	3923	10	1.3	30	1N	C 1.9	3	C		259		F
	CULG	29	0106	0110	0124	S02	E29	3923	10	1.2	18	1N		C		0110	260	3.0	F
	VORO	29	0108	0111	0122	S02	E30	3923	10	1.3	14	1N		C		0111	260	3.0	EJ
0564		29	02082	02101	0221	S10	W02	3919	09	28.9	13	1N					146	1.6	DFJ
	CULG	29	0208	0210	0221	S10	W02	3919	09	28.9	13	SN		C		0210	60	.6	F
	VORO	29	0210	0211	0221	S10	W03	3919	09	28.9	11	1F		C		0211	233	2.6	DJ
0565	PALE	29	0248	0250	0252D	N15	E17	3922	09	30.4	4D	SF		3	C		41		
0566	ABST	29	0407	0414	0436	S13	W01	3919	09	29.1	29	SF			C	0414	114	1.2	FJ
0567	ABST	29	0537	0539	0600	N16	E24	3922	10	1.0	23	SF			C	0539	79	.9	D
0568	ABST	29	0611	0612	0615	S03	E26	3923	10	1.2	4	SN			C	0612	96	1.1	DJ
0569	LEAR	29	0655	0655	0704	N14	E14	3922	09	30.3	9	SF		3	C		41		
0570		29	0722	0728*	0752	N14	E13	3922	09	30.3	30	SF					46		K
	LEAR	29	0722	0728	0752	N14	E13	3922	09	30.3	30	SF		3	C		30		K
	LEAR	29	0722	0741	0752	N14	E13	3922	09	30.3	30	SF		3	C		63		K
0571		29	0754*	0809*	0836	N16	E16	3922	09	30.5	42	SN	C 2.4				71	.6	EFK
	LEAR	29	0754	0809	0842	N16	E16	3922	09	30.5	48	SN		3	C		74		K
	LEAR	29	0754	0823	0842	N16	E16	3922	09	30.5	48	SN	C 2.4	3	C		89		FK
	ISTA	29	0802		0830	N16	E17	3922	09	30.6	28	SF							E
	WEND	29	0806	0812	0831	N16	E16	3922	09	30.5	25	SN			C	0812	50	.6	
		29	1110		1134	No Flare Patrol													
0572		29	1211*	12323	1252	N15	E10	3922	09	30.3	41	SN	C 2.3				174	2.4	
	KANZ	29	1211	1232	1250	N15	E09	3922	09	30.2	39	SN		3					
	RAMY	29	1219	1233	1253	N14	E10	3922	09	30.3	34	SF	C 2.3	3	C		122		
	CATA	29	1230	1235	1245D	N16	E10	3922	09	30.3	15D	1		2	P	1235	225	2.4	
0573	RAMY	29	1247	1247	1257	S10	W07	3919	09	29.0	10	SN		3	C		23		
0574	KANZ	29	1307	1307	1311	N16	E14	3922	09	30.6	4	SF		3					
0575		29	1307	13072	1318	S20	W32	3916	09	27.1	11	SF	C 1.5				51		
	KANZ	29	1307	1307	1315	S19	W32	3916	09	27.1	8	SF		3					
	RAMY	29	1307	1309	1322	S21	W31	3916	09	27.2	15	SF	C 1.5	3	C		51		
0576	KANZ	29	1330	1334	1357	N14	E16	3922	09	30.8	27	SF		3					
0577		29	13303	13341	1344	N11	E37	3926	10	2.3	14	SN	C 2.0				45	.5	H
	KANZ	29	1330	1334	1345	N11	E37	3926	10	2.3	15	SN		3					
	WEND	29	1332	1335	1343	N11	E37	3926	10	2.3	11	SN			C	1335	38	.5	H
	RAMY	29	1333	1335	1343	N12	E37	3926	10	2.3	10	SF	C 2.0	3	C		52		
0578	KANZ	29	1345	1345	1414	S11	W06	3919	09	29.1	29	SN		2					

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0579	KANZ	29	1424	1424	1432	N15	E08	3922	09	30.2	8	SF		3					
0580		29	15181	15224	1558	N16	E11	3922	09	30.5	40	SB C	8.4				132	.9	EFH
	KANZ	29	1518	1522	1522D	N16	E10	3922	09	30.4	40	SB		3					
	RAMY	29	1518	1525	1558	N16	E11	3922	09	30.5	40	SB C	8.4	3	C		186		FE
	WEND	29	1519	1526	1532D	N16	E12	3922	09	30.5	13D	SB			C	1526	78	.9	H
0581	RAMY	29	1545	1545	1546D	S10	W19	3928	09	28.2	1D	SF		3	C		6289		
0582		29	1645*	1845*	1919	S10	W10	3919	09	28.9	154	SN C	4.3				128	3.7	EFK
	RAMY	29	1645	1913	2022D	S11	W10	3919	09	28.9	217D	SB		3	C		106		FEK
	RAMY	29	1645	1925	2022D	S11	W10	3919	09	28.9	217D	SN		3	C		64		K
	PALE	29	1713E	1836U	1858	S11	W08	3919	09	29.1	105D	SN		3	C		126		
	HOLL	29	1800E	1801U	1808D	S10	W10	3919	09	29.0	8D	SN C	4.3	2	C		52		
	BIGB	29	1832E	1845	1940	S11	W08	3919	09	29.2	68D	1B		3	P	1845	360	3.7	
	PALE	29	1909	1914	1938D	S10	W12	3919	09	28.9	29D	SB C	4.2	3	C		84		FE
	PALE	29	2015	2024U	2029D	S10	W12	3919	09	28.9	14D	SN		3	C		105		
0583	HOLL	29	1802	1803	1807	S20	E17	3921	10	1.0	5	SF		2	C		25		
0584		29	19182	1938	2000	N14	E04	3922	09	30.1	42	1B C	7.3				234	2.3	F
	PALE	29	1918	1945U	2006D	N14	E04	3922	09	30.1	48D	1B C	7.3	3	C		247		F
	BIGB	29	1920	1938	2000	N14	E04	3922	09	30.1	40	1B		3	C	1938	220	2.3	
0585	BIGB	29	1932	1934	2009	S05	E18	3923	10	1.2	37	SN		3	C	1934	100	1.1	
0586		29	20123	20191	2042	N16	E07	3922	09	30.4	30	SB C	2.4				162	1.7	F
	BIGB	29	2012	2020	2050	N16	E07	3922	09	30.4	38	SB		3	C	2020	160	1.7	
	PALE	29	2015	2019	2034	N16	E07	3922	09	30.4	19	SB C	2.4	3	C		165		F
0587	VORO	29	2148E	2151	2201	S10	W20	3928	09	28.4	13D	SN			C	2151	134	1.5	BDJ
0588		29	2235	2246	2323	S11	W22	3928	09	28.3	48	1B C	2.4				198	2.3	F
	PALE	29	2235	2242U	2308D	S10	W22	3928	09	28.3	33D	SB C	2.4	3	C		187		F
	BIGB	29	2245E	2246	2323	S12	W22	3928	09	28.3	38D	1B		3	C	2246	210	2.3	
0589	VORO	30	0059	0101	0105	S10	W14	3919	09	29.0	6	SF			C	0101	170	1.8	DJ
0590		30	0116	0120	0140	S10	W15	3919	09	28.9	24	SN C	1.5				151	1.6	F
	LEAR	30	0116	0120	0140	S10	W15	3919	09	28.9	24	SN C	1.5	3	C		152		F
	CULG	30	0121E	0123U	0126U	S10	W15	3919	09	28.9	5U	SF			P	0123	150	1.6	F
0591		30	01324	01363	0207	N16	E06	3922	09	30.5	35	1B M	3.8				393	3.6	EFJZ
	LEAR	30	0132	0139	0218	N16	E06	3922	09	30.5	46	1B M	3.8	3	C		465		ZF
	CULG	30	0134	0136	0201	N16	E05	3922	09	30.4	27	1B			P	0136	320	3.0	
	VORO	30	0136	0139	0201	N16	E06	3922	09	30.5	25	1B			C	0139	394	4.1	EJ
0592	CULG	30	0201	0201U	0204D	S10	W15	3919	09	28.9	3D	SF			P	0201	100	1.1	
0593		30	04117	04191	0428	N16	E01	3922	09	30.2	17	1N					144	1.4	FV
	CULG	30	0411	0420	0429	N15	E00	3922	09	30.2	18	1F			C	0420	200	2.0	
	ABST	30	0418	0419	0428	N16	E02	3922	09	30.3	10	SN			C	0419	87	.9	FV
0594		30	04222	04257	0437	N19	E56	3936C	10	4.4	15	1N					96	3.0	F
	LEAR	30	0422	0425	0434	N18	E58	3936C	10	4.6	12	SF		3	C		17		F
	ABST	30	0424	0432	0440	N20	E55	3936C	10	4.4	16	1N			C	0432	174	3.0	F
0595	ABST	30	0432	0438	0445	N16	E02	3922	09	30.3	13	SN			C	0438	174	1.8	F
0596	LEAR	30	0534	0535	0549	S17	E08	3921	09	30.8	15	SF		3	C		55		F
0597		30	0615	06163	0630	N15	E00	3922	09	30.3	15	1N C	4.2				155	1.7	E
	LEAR	30	0615	0616	0632	N15	E01	3922	09	30.3	17	SN C	4.2	3	C		108		
	ABST	30	0615	0618	0630	N16	W01	3922	09	30.2	15	1N			C	0618	261	2.7	E
	CULG	30	0615	0619	0630	N15	W00	3922	09	30.3	15	1B			C	0619	220	2.2	
	YUNN	30	0620E	0620U	0628	N14	E02	3922	09	30.4	8D	SN			P	0620	32	.3	
0598		30	0616	06197	0724	N13	W14	3917	09	29.2	68	SN					68	.7	D
	ABST	30	0616	0619	0753	N14	W14	3917	09	29.2	97	SN			C	0619	87	.9	D
	YUNN	30	0620E	0626	0655	N12	W13	3917	09	29.3	35D	SN			P		48	.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 Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0599	LEAR	30	0630	0632	0640	S11	W17	3919	09 29.0	10	SF	3 C		26		
0600	LEAR	30	0701	0705	0714	S11	W17	3919	09 29.0	13	SF	3 C		22		
0601		30	0713	0713*	0737	N17	E01	3922	09 30.4	24	SF			22		K
	LEAR	30	0713	0713	0737	N17	E01	3922	09 30.4	24	SF	3 C		23		K
	LEAR	30	0713	0728	0737	N17	E01	3922	09 30.4	24	SF	3 C		22		K
0602	LEAR	30	0720	0724	0732	S10	W17	3919	09 29.0	12	SF	3 C		38		
0603		30	08362	08402	0903	N15	W01	3922	09 30.3	27	1B C 4.4			214	2.1	H
	KANZ	30	0836	0840	0903	N15	W01	3922	09 30.3	27	SB	3				
	LEAR	30	0837	0842	0903D	N15	W00	3922	09 30.3	26D	1B C 4.4	3 C		239		
	WEND	30	0838	0842	0903	N16	E00	3922	09 30.3	25	SB	C	0842	94	1.0	H
	CATA	30	0842E	0842	0902D	N15	W02	3922	09 30.2	20D	1	P	0842	309	3.2	
0604		30	09012	09071	0913	S11	W19	3919	09 28.9	12	SF			44	.4	H
	LEAR	30	0901	0903U	0903D	S11	W19	3919	09 28.9	2D	SF	3 C		51		
	KANZ	30	0903	0907	0912	S11	W19	3919	09 28.9	9	SF	3				
	WEND	30	0903	0908	0914	S10	W19	3919	09 28.9	11	SN	C	0908	38	.4	H
0605	CATA	30	1035	1035	1050	N15	W03	3922	09 30.2	15	1	2 C	1035	225	2.3	
0606	RAMY	30	1214	1223	1316	N15	W03	3922	09 30.3	62	SN	3 C		178		
0607	RAMY	30	1317	1343	1343D	N17	W03	3922	09 30.3	26D	1N C 5.6	3 C		214		
		30	1350		1519	No Flare Patrol										
0608	BIGB	30	1630	1634	1653	N15	W07	3922	09 30.1	23	SN	3 C	1634	100	1.0	
0609		30	1801	18039	1823	N14	W07	3922	09 30.2	22	SN			98	.9	FK
	PALE	30	1801	1803	1823	N14	W07	3922	09 30.2	22	SN	3 C		93		FK
	BIGB	30	1801	1803	1823	N14	W07	3922	09 30.2	22	SN	3 C	1823	90	.9	
	PALE	30	1801	1812	1823	N14	W07	3922	09 30.2	22	SN	3 C		112		K
0610	PALE	30	1816	1817	1821	S04	E07	3923	10 1.3	5	SF	3 C		24		
0611	PALE	30	1938	1941	1942	N13	W23	3917	09 29.1	4	SF	3 C		25		
0612		30	20031	20091	2036	N15	W08	3922	09 30.2	33	SB C 5.4			134	1.5	EF
	BIGB	30	2003	2010	2037	N15	W08	3922	09 30.2	34	SB	3 C	2010	140	1.5	
	PALE	30	2004	2009	2035	N15	W08	3922	09 30.2	31	SB C 5.4	3 C		129		FE
0613	BIGB	30	2114	2145	2254	N14	E50	3936C	10 4.7	100	1N	3 C	2145	180	2.9	
0614	PALE	30	2136	2144	2148	N14	W23	3917	09 29.2	12	SF	3 C		68		
0615	CULG	30	2309	2310	2331	N14	W10	3922	09 30.2	22	1F	C	2310	200	2.0	
0616		30	2336	23394	2401	N16	W06	3922	09 30.5	25	SN C 3.2			114	1.2	FK
	BIGB	30	2336	2339	2410	N16	W06	3922	09 30.5	34	SB	3 C	2339	150	1.6	
	LEAR	30	2336E	2340	2359	N16	W06	3922	09 30.5	23D	SN C 3.2	2 C		103		
	CULG	30	2336	2343	2354	N17	W07	3922	09 30.4	18	SN	C	2343	90	.9	FK

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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
0001		01	0019*	0034	0102	S03	E02	3923	10	1.2	43	SN	C 3.3				103	1.0	BDF
	CULG	01	0019	0034	0107	S03	E02	3923	10	1.2	48	SN			P	0034	140	1.4	F
	YUNN	01	0029	0040U	0045D	S03	E02	3923	10	1.2	16D	SN	C 3.3		P	0040	79	.8	F
	VORO	01	0051E		0056	S03	E03	3923	10	1.2	5D	SF			C	0056	90	.9	BD
0002		01	03511	03561	0411	S10	W30	3919	09	29.0	20	SN	C 1.6				50	.6	EJ
	VORO	01	0351	0356	0400D	S10	W30	3919	09	29.0	9D	SF			C	0356	45	.6	EJ
	LEAR	01	0352	0357	0411	S11	W30	3919	09	29.0	19	SN	C 1.6	3	C		54		
0003	LEAR	01	0626	0628	0638	S11	W27	3919	09	29.3	12	SN		3	C		46		F
0004		01	0747	07503	0809	N16	W11	3922	09	30.5	22	SN	C 2.2				95	1.2	F
	CATA	01	0720E	0750	0800D	N16	W12	3922	09	30.4	40D	S		2	P	0750	112	1.2	F
	LEAR	01	0747	0753	0809	N16	W10	3922	09	30.6	22	SN	C 2.2	3	C		78		F
0005	LEAR	01	0819	0822	0834	N16	W11	3922	09	30.5	15	SF	C 1.8	3	C		31		F
0006	LEAR	01	0849	0853	0903	S11	W33	3919	09	29.0	14	SN		3	C		20		F
0007	CATA	01	1215	1220	1225	S14	W37	3919	09	28.8	10	S		2	C	1220	56	.8	
0008	HOLL	01	1511E	1520U	1541	N13	W19	3922	09	30.2	30D	SF		3	C		47		
0009	HOLL	01	1612	1621	1656	N14	W31	3917	09	29.4	44	SF		3	C		48		
0010	HOLL	01	1732	1756	1824	N14	W32	3917	09	29.4	52	SN	C 1.5	3	C		64		F
		01	1911		1921	No Flare Patrol													
		01	1932		1936	No Flare Patrol													
0011	HOLL	01	1955	1956	2032	S10	W39	3919	09	29.0	37	SN	C 2.0	3	C		57		
0012	HOLL	01	2012	2012	2027	S18	W15	3921	09	30.7	15	SF	C 1.7	3	C		22		
0013	HOLL	01	2100	2104	2108	S10	W40	3919	09	29.0	8	SN		3	C		45		
0014	HOLL	01	2124	2130	2213	N14	W23	3922	09	30.1	49	SN	C 1.4	3	C		95		F
0015	HOLL	01	2155	2211	2233	S09	W44	3928	09	28.7	38	SN		3	C		35		F
0016	HOLL	02	0002	0002	0018D	S10	W41	3919	09	29.0	16D	SN	C 2.0	1	C		33		
0017	LEAR	02	0039	0048	0105	S11	W41	3919	09	29.0	26	SN	C 1.9	3	C		58		F
0018	LEAR	02	0202	0206	0208	N16	E05	3931	10	2.5	6	SF		3	C		20		
0019	YUNN	02	0316E	0317	0327	S10	W43	3919	09	29.0	11D	SN			P		16	.2	
0020		02	03201	0325	0340	S22	W14	3934	10	1.1	20	SF	C 2.1				66	.9	EFI
	YUNN	02	0320	0325	0327D	S23	W15	3934	10	1.0	7D	SN			P		79	1.0	E
	CULG	02	0320	0325	0341	S23	W13	3934	10	1.1	21	SF			C	0325	70	.8	FI
	LEAR	02	0321	0325	0339	S21	W14	3934	10	1.1	18	SF	C 2.1	3	C		49		F
0021	LEAR	02	0516	0519	0531	N13	W27	3922	09	30.2	15	SF		3	C		20		
0022		02	0808	0808*	0829	N15	E01	3931	10	2.4	21	SF					28		K
	LEAR	02	0808	0808	0829	N15	E01	3931	10	2.4	21	SF		3	C		22		K
	LEAR	02	0808	0821	0829	N15	E01	3931	10	2.4	21	SF		3	C		33		K
0023	LEAR	02	0857	0859	0905	N15	E00	3931	10	2.4	8	SF		3	C		31		
		02	1352		1405	No Flare Patrol													
0024	HOLL	02	1406E	1407U	1417	S09	W53	3928	09	28.7	11D	1N		2	C		140		
		02	1431		1444	No Flare Patrol													
0025		02	1533	15351	1608	N12	W25	3930	09	30.8	35	SB	C 2.5				116		F
	HOLL	02	1533	1535	1625	N13	W23	3930	09	30.9	52	SN	C 2.5	3	C		158		F
	RAMY	02	1533	1536	1551	N12	W27	3930	09	30.6	18	SB		3	C		75		

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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	Time (UT)	Area Measurement		Remarks	
						Lat	CMD	Region									Apparent (10-6 Disk)	Corr (Sq Deg)		
0026		02	1548*	1613	1647	S09	W52	3919	09	28.8	59	SB	C	4.1				126	EFK	
	RAMY	02	1548	1613	1634D	S10	W52	3919	09	28.8	46D	SN			3	C		71	K	
	RAMY	02	1548	1633	1634D	S10	W52	3919	09	28.8	46D	1B			3	C		191	FEK	
	HOLL	02	1630	1633	1647	S08	W52	3919	09	28.9	17	SB	C	4.1	3	C		115	FE	
0027		02	1559	16001	1613	S18	W18	3934	10	1.3	14	SN						24		
	HOLL	02	1559	1600	1620	S18	W18	3934	10	1.3	21	SN			3	C		28		
	RAMY	02	1559	1601	1606	S18	W18	3934	10	1.3	7	SN			3	C		20		
0028	HOLL	02	1621	1622	1633	N15	W26	3922	09	30.7	12	SF			3	C		28		
0029	HOLL	02	1635	1637	1708	N14	W27	3922	09	30.6	33	SF			3	C		39	F	
0030	HOLL	02	1635	1638	1648	N12	W23	3930	09	30.9	13	SF			3	C		25		
0031	HOLL	02	1708	1709	1715	N11	W21	3930	10	1.1	7	SF			3	C		23		
0032		02	17163	17191	1828	N14	W28	3922	09	30.6	72	SN						36	F	
	PALE	02	1716	1719	1932	N15	W26	3922	09	30.7	136	SN			3	C		45	F	
	HOLL	02	1719	1720	1725	N14	W31	3922	09	30.4	6	SN			3	C		28		
0033		02	18152	1819	1836	S01	W22	3923	10	1.1	21	1B	C	2.6				200	EF	
	PALE	02	1815	1819	1830	S01	W22	3923	10	1.1	15	1B			3	C		216	FE	
	HOLL	02	1817	1819	1843	S01	W22	3923	10	1.1	26	SB	C	2.6	3	C		184	FE	
0034		02	19241	1926	1932	S10	W51	3919	09	29.1	8	SB						44		
	PALE	02	1924	1926	1933	S10	W50	3919	09	29.1	9	SN			3	C		48		
	HOLL	02	1925	1926	1932	S10	W52	3919	09	29.0	7	SB			3	C		39		
0035	HOLL	02	2216	2219	2302	N16	W29	3922	09	30.7	46	SB			4	C		68	E	
0036	HOLL	02	2217	2227	2252	N12	W25	3930	10	1.0	35	SN			4	C		46		
0037		02	2239	2239*	2326	S10	W55	3919	09	28.9	47	SN						17	K	
	HOLL	02	2239	2239	2326	S10	W55	3919	09	28.9	47	SN			4	C		16	K	
	HOLL	02	2239	2314	2326	S10	W55	3919	09	28.9	47	SN			4	C		18	K	
0038	LEAR	02	2333	2333	2343	N11	W40	3922	09	30.0	10	SF	C	2.4	2	C		20	F	
0039	LEAR	03	0034	0056U	0110	N17	W35	3922	09	30.4	36	SF			2	C		22	F	
0040	LEAR	03	0212	0215	0235	N12	W40	3922	09	30.1	23	SF	C	2.1	2	C		89	F	
0041		03	02141	0216	0228	N14	W30	3930	09	30.8	14	SF						43	FJ	
	CULG	03	0214	0216	0232	N13	W31	3930	09	30.7	18	SF				C	0216	60	J	
	LEAR	03	0215	0221U	0224	N14	W29	3930	09	30.9	9	SF			2	C		26	F	
0042	VORO	03	0250	0252	0254	S08	W60	3928	09	28.7	4	SN				C	0252	81	1.7	DJ
0043		03	04023	04042	0416	S08	W59	3928	09	28.8	14	SN						53	.8	DF
	CULG	03	0402	0404	0411	S09	W58	3928	09	28.9	9	SN				C	0404	30	.6	
	LEAR	03	0402	0404	0419	S09	W59	3928	09	28.8	17	SN			3	C		94		F
	YUNN	03	0404E	0404U	0420	S08	W59	3928	09	28.8	16D	SN				P	0404	47	1.0	D
	PEKG	03	0405	0406	0414	S07	W59	3928	09	28.8	9	SF				C	0406	42	.9	D
0044	CULG	03	0440	0440	0444	N14	W33	3922	09	30.7	4	SF				C	0440	40	.4	F
0045	ABST	03	0538E	0616	0655	N13	W31	3930	09	30.9	77D	SF				P	0616	140	1.7	EJK
0046	ABST	03	0538	0540	0607	S11	W58	3919	09	29.0	29	SF				C	0540	87	1.8	DJ
0047	ABST	03	0618	0620	0633	S09	W62	3928	09	28.7	15	SN				C	0620	87		DJ
0048	ABST	03	0736	0739	0745	S13	W54	3919	09	29.3	9	SN				C	0739	87	1.6	DJ
		03	0936		0943	No Flare Patrol														
		03	1006		1014	No Flare Patrol														
		03	1026		1124	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)	
			03 1136		1144			No Flare Patrol											
0049	CATA	03	1155	1155	1220	S20	W90	3916	09	26.7	25	1		2	C	1155	56		
0050	RAMY	03	1210	1302	1318	S10	W61	3919	09	29.0	68	SN		3	C		102		
			03 1236		1307			No Flare Patrol											
0051		03	1345	1345*	1401	N14	W39	3922	09	30.6	16	SF					23		K
	RAMY	03	1345	1345	1401	N14	W39	3922	09	30.6	16	SF		3	C		23		K
	RAMY	03	1345	1357	1401	N14	W39	3922	09	30.6	16	SF		3	C		23		K
0052	RAMY	03	1649	1724	1754	N14	W45	3922	09	30.3	65	SF		3	C		35		
0053		03	16531	16552	1722	N16	W18	3931	10	2.3	29	1B C 3.0					198		
	HOLL	03	1653	1657	1659D	N16	W18	3931	10	2.3	6D	SB C 3.0		3	C		186		
	RAMY	03	1654	1655	1722	N15	W18	3931	10	2.3	28	1N		3	C		209		
0054		03	18411	18491	1912	S12	W67	3919	09	28.8	31	SB					44		
	HOLL	03	1841	1850	1913	S12	W66	3919	09	28.9	32	SB		3	C		49		
	PALE	03	1842	1849	1911	S11	W68	3919	09	28.8	29	SB		2	C		40		
0055	HOLL	03	1853	1929	1941	S17	W37	3921	10	1.0	48	SF		3	C		25		
0056		03	2012	20141	2034	S18	W40	3921	09	30.8	22	SN C 2.4					48		
	HOLL	03	2012	2014	2034	S18	W40	3921	09	30.8	22	SN C 2.4		3	C		54		
	PALE	03	2012	2015	2032D	S19	W39	3921	09	30.9	20D	SF		2	C		42		
0057	PALE	03	2134	2135	2147D	N12	W51	3922	09	30.0	13D	SF		2	C		32		F
0058		04	01391	01411	0146	S10	W72	3919	09	28.7	7	SN					38		DJ
	CULG	04	0139	0142	0147	S12	W73	3919	09	28.7	8	SN			C	0142	30		J
	VORO	04	0140	0141	0146	S08	W70	3919	09	28.9	6	SF			C	0141	45		DJ
0059		04	02331	0240	0246	N16	W50	3922	09	30.3	13	SN					39	.4	F
	CULG	04	0233	0240	0245	N16	W51	3922	09	30.2	12	SN			C	0240	30	.4	
	LEAR	04	0234	0239U	0246	N17	W49	3922	09	30.4	12	SN		2	C		48		F
0060	ABST	04	0557	0600	0615D	N13	W51	3922	09	30.4	18D	SF			P	0600	87	1.4	D
0061	ABST	04	0646	0648	0655D	S10	W80	3919	09	28.4	9D	1F			P	0648	87		D
0062		04	07501	07503	0756	N16	W51	3922	09	30.4	6	SB C 1.9					80	1.0	EH
	CATA	04	0750	0750	0755	N16	W53	3922	09	30.3	5	S		2	C	0750	68	1.1	
	LEAR	04	0751	0752	0758	N16	W51	3922	09	30.4	7	SB C 1.9		3	C		107		EH
	ATHN	04	0753E	0753	0756	N16	W48	3922	09	30.7	3D	SB		3	V	0753	64	1.0	
0063	LEAR	04	0815	0816	0820	S11	W74	3919	09	28.9	5	SF C 1.7		3	C				
		04	1116		1417			No Flare Patrol											
		04	1422		1528			No Flare Patrol											
		04	1556		1601			No Flare Patrol											
		04	1636		1714			No Flare Patrol											
0064		04	1738	1757	1838	N14	W59	3922	09	30.3	60	SN C 6.0					118		F
	PALE	04	1737E	1740U	1825D	N13	W60	3922	09	30.2	48D	SN		1	C		100		F
	HOLL	04	1738	1757	1838	N16	W58	3922	09	30.3	60	SN C 6.0		3	C		135		F
0065	HOLL	04	1931	1932	1942	N16	W53	3922	09	30.8	11	SN		3	C		46		F
0066	HOLL	04	1948	1951	1959	S09	W72	3919	09	29.5	11	SN		3	C		25		
0067	PALE	04	2259	2259	2309	N14	W58	3922	09	30.6	10	SN		3	C		25		
0068	PALE	04	2331	2333	2353	N10	W53	3930	10	1.0	22	SN C 2.8		3	C		70		
0069	PALE	04	2356	2401	2421	N10	W56	3930	09	30.8	25	SF		3	C		29		

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0070		05	00421	0058	0102	N10	W55	3930	09 30.9	20	SN			21	
	PALE	05	0042	0058	0102	N10	W55	3930	09 30.9	20	SN	3 C		16	
	LEAR	05	0043	0058	0102	N11	W55	3930	09 30.9	19	SN	3 C		26	
0071	PALE	05	0125	0130	0135	N10	W56	3930	09 30.8	10	SF	3 C		20	
0072	LEAR	05	0143	0157	0223	N12	W49	3930	10 1.4	40	SN C 3.4	3 C		54	F
0073	PALE	05	0144	0158	0233	N10	W56	3930	09 30.9	49	SN	3 C		47	F
0074	LEAR	05	0346	0349	0406	N12	W61	3922	09 30.6	20	SF C 2.8	3 C		34	
0075	LEAR	05	0416	0422	0442	N13	W64	3922	09 30.3	26	SF	3 C		43	
0076	LEAR	05	0525	0526	0528	N19	W74	3917	09 29.7	3	SF	3 C			
0077	BUCA	05	0715		0740	N12	W62	3930	09 30.6	25	SF	C	0719	43	.9 D
0078		05	0805*	0808*	0825	N12	W60	3930	09 30.8	20	SF			38	
	LEAR	05	0805	0808	0812	N12	W59	3930	09 30.9	7	SF	3 C		35	
	LEAR	05	0817	0818	0838	N12	W60	3930	09 30.8	21	SF	3 C		41	
		05	0938		1102			No Flare Patrol							
		05	1126		1327			No Flare Patrol							
		05	1426		1505			No Flare Patrol							
		05	1521		1534			No Flare Patrol							
		05	1542		1600			No Flare Patrol							
0079	HOLL	05	1601	1601	1621	N13	W65	3930	09 30.8	20	SF	3 C		32	
		05	1612		1619			No Flare Patrol							
		05	1655		1702			No Flare Patrol							
0080		05	1947	1948	1954	N12	W66	3930	09 30.8	7	SN			24	
	PALE	05	1947	1948	1953	N11	W67	3930	09 30.8	6	SF	3 C		23	
	HOLL	05	1947	1948	1955	N13	W66	3930	09 30.8	8	SN	3 C		25	
		05	2105		2117			No Flare Patrol							
		05	2148		2203			No Flare Patrol							
0081	LEAR	06	0201	0202	0212	N20	W69	3922	09 30.8	11	SN	3 C		29	
0082		06	0202*	0204*	0226	N12	W68	3930	10 1.0	24	SF			28	
	PALE	06	0202	0204	0215	N11	W68	3930	10 1.0	13	SF	3 C		23	
	LEAR	06	0226	0229	0238	N12	W68	3930	10 1.0	12	SF	3 C		32	
0083	LEAR	06	0217	0217	0224	N13	W77	3922	09 30.3	7	SF	3 C			
0084	LEAR	06	0534		0605	N18	W90	3917	09 29.5	31	SB C 3.8	3 C			
0085		06	05422	05462	0556	S18	W70	3921	09 30.9	14	SN			29	E
	LEAR	06	0542	0548	0559	S18	W70	3921	09 30.9	17	SN	3 C			
	PEKG	06	0544	0546	0554	S17	W71	3921	09 30.8	10	SF	C	0546	29	E
0086	ABST	06	0636E	0638	0641	N10	W76	3930	09 30.6	5D	1N	P	0638	87	D
0087		06	07031	07072	0717	N13	W79	3922	09 30.3	14	1N			122	DEH
	ABST	06	0703	0707	0714	N12	W80	3922	09 30.3	11	1N	C	0707	175	D
	BUCA	06	0703	0708	0714	N16	W77	3922	09 30.4	11	1N	C	0708	107	E
	LEAR	06	0704	0709	0722	N12	W78	3922	09 30.4	18	1N	3 C		139	H
	PURP	06	0708E	0709	0719	N13	W80	3922	09 30.3	11D	1B	C	0709	67	
0088	LEAR	06	0827	0830	0842	N15	W82	3922	09 30.1	15	SF	3 C			
		06	1021		1059			No Flare Patrol							
		06	1116		1124			No Flare Patrol							
		06	1144		1321			No Flare Patrol							
		06	1420		1435			No Flare Patrol							

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
			06 1503		1516			No Flare Patrol											
0089	HOLL	06	2050	2054	2119	N21	E50	3938	10	10.7	29	SN		3	C		41		F
0090	HOLL	06	2116	2117	2134	S07	E22	3932	10	8.5	18	SF	C 1.7	3	C		21		
0091		06	2303*	2323	2346	N12	W77	3930	10	1.1	43	SN	C 3.2						F
	HOLL	06	2303	2305U	2312D	N14	W79	3930	10	1.0	9D	SN		3	C				F
	LEAR	06	2322	2323	2338	N11	W76	3930	10	1.2	16	SF		3	C				
	HOLL	06	2322	2323	2353	N12	W77	3930	10	1.2	31	SN	C 3.2	3	C				F
0092		07	0202	02021	0206	N14	W87	3922	09	30.5	4	SN	C 2.2				17		D
	LEAR	07	0202	0202	0206	N14	W85	3922	09	30.7	4	SN	C 2.2	3	C				
	PEKG	07	0202	0203	0207	N15	W89	3922	09	30.3	5	SF			P	0203	17		D
0093		07	02244	02246	0235	N08	W56	3936	10	2.9	11	SN	C 1.2				35	.7	D
	LEAR	07	0224	0224	0235	N07	W55	3936	10	3.0	11	SF	C 1.2	3	C		32		
	PEKG	07	0228	0230	0235	N08	W57	3936	10	2.8	7	SN			P	0230	38	.7	D
0094		07	03552	03572	0406	N22	E46	3938	10	10.7	11	SN					40	.4	E
	PEKG	07	0355	0357	0407	N22	E46	3938	10	10.7	12	SF			P	0357	25	.4	E
	LEAR	07	0357	0359	0405	N22	E47	3938	10	10.8	8	SN		3	C		54		
0095	ABST	07	0519E	0520	0521D	N09	W56	3936	10	3.0	2D	1F			P	0520	140	2.6	EG
0096	ABST	07	0552	0553	0559	N12	W87	3930	09	30.7	7	1N			C	0553	79		DV
0097	ABST	07	0635	0637	0642	N12	W87	3930	09	30.7	7	1N			C	0637	79		D
0098	ISTA	07	0822		0837	N14	W90	3922	09	30.5	15	SN							BD
0099	KHAR	07	0957E		1007D	N11	W90	3930	09	30.6	10D	SF			P				E
0100		07	1010	10151	1045D	S17	W90	3921	09	30.6	35D	1N					68		H
	KHAR	07	1003E	1016	1045D	S16	W90	3921	09	30.6	42D	1N			P	1016			H
	CATA	07	1010	1015	1030D	S18	W90	3921	09	30.6	20D	1		2	P	1015	68		
0101		07	1040E	1043*	1110D	N12	W90	3930	09	30.7	30D	SN							H
	KHAR	07	1040E	1043	1050D	N12	W90	3930	09	30.7	10D	SF			P				
	KHAR	07	1053E	1057	1110D	N13	W90	3930	09	30.7	17D	SN			P	1057			H
		07	1401		1411			No Flare Patrol											
		07	1459		1509			No Flare Patrol											
0102	HOLL	07	1534	1534	1544	S10	E14	3932	10	8.7	10	SF		3	C		30		F
		07	1559		1606			No Flare Patrol											
0103	HOLL	07	1614	1627	1629	N22	E41	3938	10	10.8	15	SF		3	C		27		
0104		07	18261	1829	1846	N22	E42	3938	10	11.0	20	SN					26		F
	HOLL	07	1826	1829	1850	N22	E42	3938	10	11.0	24	SN		3	C		25		F
	PALE	07	1827	1829	1842	N23	E41	3938	10	10.9	15	SF		3	C		28		F
0105		07	1855*	1908	1916	N22	E40	3938	10	10.9	21	SF					22		F
	HOLL	07	1855	1859U	1902D	N21	E39	3938	10	10.8	7D	SF		3	C		21		F
	PALE	07	1906	1908	1916	N24	E40	3938	10	10.9	10	SF		3	C		24		F
0106	HOLL	07	1841	1842	1851	N08	W64	3936	10	3.0	10	SF		3	C		15		
0107	LEAR	08	0020	0024	0040	N08	W67	3936	10	3.0	20	SF		3	C		14		
0108		08	03053	0309*	0347	N08	W69	3936	10	2.9	42	SF	C 1.2				43		E
	PEKG	08	0305	0309	0326	N09	W69	3936	10	2.9	21	SF			C	0326	29		E
	LEAR	08	0305	0313	0335	N08	W68	3936	10	3.0	30	SF	C 1.2	3	C		19		
	PURP	08	0308	0322	0419	N08	W70	3936	10	2.9	71	1N			C	0322	81		
0109		08	06132	06161	0632	S17	E10	3932	10	9.0	19	SN					105	1.3	EFGH
	CULG	08	0613	0617	0629	S17	E10	3932	10	9.0	16	SB			C	0617	90	1.0	
	YUNN	08	0614	0616	0620D	S15	E09	3932	10	8.9	6D	SN			P		47	.5	
	LEAR	08	0615	0617	0629	S17	E10	3932	10	9.0	14	SN		3	C		83		FH
	ABST	08	0615	0617	0638	S18	E11	3932	10	9.1	23	1N			C	0617	201	2.3	EG

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			08 1402		1407			No Flare Patrol											
			08 1412		1423			No Flare Patrol											
0110	PALE	08	1933	1936	1938	N23	E28	3938	10	11.0	5	SF		3	C		29		
0111	LEAR	09	0056	0057	0103	N22	E25	3938	10	11.0	7	SF		3	C		25		
0112	ABST	09	0538	0544	0620	N21	E24	3938	10	11.1	42	SF			C	0544	87	1.0	DJ
			09 1409		1420			No Flare Patrol											
0113	HOLL	09	1425	1427	1449	N21	E16	3938	10	10.8	24	SF		3	C		35		F
0114	HOLL	09	1655	1657	1713	N23	E16	3938	10	10.9	18	SF		3	C		33		
0115		09	2358	2401	2416	S13	W22	3939	10	8.3	18	SN	C .9				76	.7	EF
	HOLL	09	2358	2402	2415	S13	W22	3939	10	8.3	17	SN	C .9	3	C		101		
	LEAR	09	2359	2401	2416	S13	W22	3939	10	8.3	17	SN		3	C		68		F
	PEKG	10	0000	0001	0015	S13	W22	3939	10	8.3	15	SF			P	0001	59	.7	E
0116		10	0300	0307*	0330	N22	E06	3938	10	10.6	30	SF					46	.7	EF
	PEKG	10	0300	0307	0336	N22	E06	3938	10	10.6	36	SF			P	0307	67	.7	E
	PALE	10	0305	0309	0328	N22	E05	3938	10	10.5	23	SF		3	C		27		F
	LEAR	10	0309	0318	0326	N22	E06	3938	10	10.6	17	SF		3	C		45		F
0117	LEAR	10	0355	0404	0408	N08	E23	3944	10	11.9	13	SF	C 1.0	3	C		25		F
0118	PEKG	10	0415	0430	0500	N22	E05	3938	10	10.6	45	SF			P	0430	88	.9	E
0119	ABST	10	0548	0551	0556	S17	E85	3943	10	16.7	8	1F			C	0551	96		D
0120		10	0755	0757	0817	N22	E06	3938	10	10.8	22	SF					140	1.5	EJ
	ABST	10	0755	0757	0803	N22	E08	3938	10	10.9	8	SF			P	0757	140	1.5	EJ
	KANZ	10	0805	0805	0817	N22	E04	3938	10	10.6	12	SF		1					
0121		10	1720	1732	1748	N08	E15	3944	10	11.8	28	SN					34		
	HOLL	10	1720	1733	1751	N08	E15	3944	10	11.8	31	SN		3	C		42		
	PALE	10	1726	1732	1745	N08	E15	3944	10	11.8	19	SF		3	C		25		
0122		10	1737	1740	1757	N22	W02	3938	10	10.6	20	SF	C 1.1				50		F
	HOLL	10	1737	1740	1801	N22	W02	3938	10	10.6	24	SF	C 1.1	3	C		69		
	PALE	10	1740	1741	1753	N21	W03	3938	10	10.5	13	SF		3	C		31		F
0123	CULG	11	0328	0330	0331	N22	W08	3938	10	10.5	3	SF			P	0330	80	.8	FJ
0124	ABST	11	0512	0514	0520	N08	E08	3944	10	11.8	8	SF			C	0514	140	1.5	E
0125		11	0532*	0605	0634	N22	W06	3938	10	10.8	62	SF					102	1.5	FJ
	ABST	11	0532	0610	0707	N21	W08	3938	10	10.6	95	1F			P	0610	262	2.8	FJ
	PURP	11	0552	0605	0622	N22	W04	3938	10	10.9	30	SN			C	0605	23	.2	
	LEAR	11	0605	0607	0612	N23	W06	3938	10	10.8	7	SF		3	C		22		
0126	KANZ	11	1035	1051	1055	S09	E58	3943	10	15.8	20	SF		3					L
0127		11	1045*	1051	1111	N21	W09	3938	10	10.7	26	SN					95	1.1	E
	KAND	11	1045		1115	N21	W09	3938	10	10.7	30	SN			P				E
	KANZ	11	1046	1051	1115	N21	W10	3938	10	10.7	29	SN		3					
	ATHN	11	1055	1059	1103	N21	W09	3938	10	10.8	8	SN		4	V	1059	95	1.1	
0128	KANZ	11	1404	1407	1415	N21	W10	3938	10	10.8	11	SN		3					
0129		11	1445	1454	1516	N08	E02	3944	10	11.8	31	SN					36		F
	KANZ	11	1445	1454	1513	N09	E03	3944	10	11.8	28	SN		3					
	HOLL	11	1450	1459	1518	N08	E02	3944	10	11.8	28	SF		3	C		36		F
			11 1538		1542			No Flare Patrol											
			11 1633		1642			No Flare Patrol											
0130	HOLL	11	1644	1645	1649	N21	W13	3938	10	10.7	5	SF		3	C		21		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
0131		11	1724	1726	1822	N23	W12	3938	10	10.8	58	SN	C	1.0			66		F
	HOLL	11	1724	1726	1815	N22	W12	3938	10	10.8	51	SN			3	C	57		
	PALE	11	1724	1726	1829	N24	W12	3938	10	10.8	65	SN	C	1.0	3	C	76		F
0132		11	1848	1849	1852	N20	W16	3938	10	10.5	4	SN	C	1.2			62		
	HOLL	11	1848	1849	1851	N20	W16	3938	10	10.5	3	SN			3	C	56		
	PALE	11	1848	1849	1852	N20	W16	3938	10	10.5	4	SN	C	1.2	3	C	68		
0133	HOLL	11	1950	1953	2006	N22	W14	3938	10	10.7	16	SF			3	C	33		
0134	HOLL	11	2041	2041	2054	N21	W14	3938	10	10.8	13	SF			3	C	32		
0135	HOLL	11	2141	2149	2201	N22	W15	3938	10	10.7	20	SN			3	C	31		
0136		11	2236	2239	2251	N22	W16	3938	10	10.7	15	SN					138	1.9	F
	CULG	11	2236	2239	2251	N21	W17	3938	10	10.6	15	SB				C	2239	170	1.9
	PALE	11	2246E	2246U	2256D	N22	W15	3938	10	10.8	10D	SF			3	C	107		F
0137	CULG	12	0002	0002	0006	S12	E51	3943	10	15.8	4	SF				C	0002	40	.5
0138		12	0459	0514	0544	N11	E33	3951	10	14.7	45	1F					221	2.6	EJ
	MITK	12	0459	0514	0547	N12	E33	3951	10	14.7	48	1F				C	0514	180	2.1
	ABST	12	0503E	0514	0540	N10	E33	3951	10	14.7	37D	1F				P	0514	262	3.2
0139		12	07374	0744	0756	N14	W26	3940	10	10.3	19	1N					105	2.1	F
	ABST	12	0737	0744	0746D	N14	W26	3940	10	10.3	9D	1N				P	0744	183	2.1
	LEAR	12	0741	0744	0756	N14	W26	3940	10	10.3	15	SF			3	C	27		F
0140	HTPR	12	1026	1028	1036	N07	E30	3948	10	14.7	10	SN				C	1028	30	.3
		12	1052		1059			No Flare Patrol											
		12	1101		1107			No Flare Patrol											
		12	1126		1149			No Flare Patrol											
		12	1442		1443			No Flare Patrol											
		12	1455		1458			No Flare Patrol											
0141	HOLL	12	1503E	1505U	1529D	N22	W25	3938	10	10.7	26D	SF			3	C	34		F
0142	HOLL	12	1507E	1510U	1527	N07	E26	3948	10	14.6	20D	SF			3	C	43		
		12	1530		1709			No Flare Patrol											
0143		12	1828	1828*	1841	N07	E24	3948	10	14.6	13	SF					26		K
	PALE	12	1828	1828	1841	N07	E24	3948	10	14.6	13	SF			3	C	26		K
	PALE	12	1828	1839	1841	N07	E24	3948	10	14.6	13	SF			3	C	26		K
0144		12	1854*	19141	1938	N22	W28	3938	10	10.6	44	SN	C	.7			128		
	HOLL	12	1854	1915	1940	N23	W28	3938	10	10.6	46	SN	C	.7	3	C	143		
	PALE	12	1909	1914	1935	N21	W29	3938	10	10.6	26	SF			3	C	113		
0145	HOLL	12	1905	1906	1917	N07	E25	3948	10	14.7	12	SF			3	C	23		
0146	HOLL	12	1940	1948	2007	N23	W29	3938	10	10.6	27	SF			3	C	65		
		12	2038		2103			No Flare Patrol											
		12	2141		2210			No Flare Patrol											
		12	2215		2221			No Flare Patrol											
		12	2231		2236			No Flare Patrol											
		12	2245		2248			No Flare Patrol											
0147	LEAR	13	0022	0027	0035	N22	W31	3938	10	10.6	13	SF			3	C	39		
0148	LEAR	13	0044	0048	0054	N21	W32	3938	10	10.6	10	SF			3	C	36		
0149	ABST	13	0513E	0521	0606	N07	E18	3948	10	14.6	53D	SF				P	0521	175	1.9
0150		13	06541	06561	0705	S07	E75	3950	10	18.9	11	1N					87		DK
	ABST	13	0654	0657	0710	S08	E78	3950	10	19.1	16	1N				C	0657	87	DK
	LEAR	13	0655	0656	0700	S06	E72	3950	10	18.7	5	SF			2	C			

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF Region			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)		
0151		13	07211	0723	0752	N23	W35	3938	10	10.6	31	SF	C	.6			66	1.2	D	
	ABST	13	0721	0723	0805D	N21	W36	3938	10	10.5	44D	SF			P	0723	87	1.2	D	
	LEAR	13	0722	0723	0752	N25	W34	3938	10	10.7	30	SF	C	.6	3	C	46			
0152	CATA	13	1140	1140	1145D	S02	E70	3950	10	18.7	5D	1			1	P	1140	169		
0153	HOLL	13	1409E	1411U	1418	N14	E16	3941	10	14.8	9D	SF			3	C	38		U	
0154	HOLL	13	1449	1451	1457	N02	W04	3949	10	13.3	8	SN			3	C	28			
0155	HOLL	13	1558	1559	1614	N08	E11	3948	10	14.5	16	SF			3	C	34		F	
0156	HOLL	13	1623	1624	1629	S10	E67	3950	10	18.7	6	SF			3	C	25			
0157	HOLL	13	1727	1727	1736	N22	W41	3938	10	10.6	9	SF			3	C	27		F	
0158		14	00092	00114	0018	S09	E65	3950	10	18.9	9	SF	C	.6			73	3.0	J	
	CULG	14	0009	0011	0019	S09	E65	3950	10	18.9	10	1F			C	0011	120	3.0	J	
	PALE	14	0011	0015	0017	S09	E65	3950	10	18.9	6	SF			3	C	58			
	LEAR	14	0011	0015	0018	S10	E64	3950	10	18.8	7	SF	C	.6	3	C	40			
0159	PALE	14	0019	0019	0032	S10	W22	3946	10	12.4	13	SF			3	C	23			
0160	CULG	14	0022	0024	0030	N18	E27	3945	10	16.1	8	SF				C	0024	50	.6	F
0161	LEAR	14	0045	0046	0050	N23	W45	3938	10	10.6	5	SF			3	C	21			
0162		14	01511	01532	0200	S09	E63	3950	10	18.8	9	1B	C	3.3			112	2.8	J	
	CULG	14	0151	0153	0201	S09	E63	3950	10	18.8	10	1B			C	0153	120	2.8	J	
	LEAR	14	0151	0154	0200	S10	E63	3950	10	18.8	9	SB			3	C	99			
	PALE	14	0151	0155	0201	S08	E64	3950	10	18.9	10	SB	C	3.3	3	C	102			
	YUNN	14	0152	0154	0159	S10	E61	3950	10	18.7	7	1B				C	126	2.9		
0163		14	0237*	0237*	0249	N24	W46	3938	10	10.5	12	SF					26			
	LEAR	14	0237	0237	0245	N23	W46	3938	10	10.6	8	SF			3	C	18			
	PALE	14	0240	0242	0244	N26	W46	3938	10	10.5	4	SF			3	C	36			
	PALE	14	0252	0253	0257	N22	W46	3938	10	10.6	5	SF			3	C	25			
0164	CULG	14	0538	0539U	0539D	S08	E61	3950	10	18.8	1D	SN			P	0539	30	.6		
0165	LEAR	14	0914	0916	0924	N24	W51	3938	10	10.4	10	SF	C	.6	3	C	26			
0166	WEND	14	1050	1052	1056	S09	E58	3950	10	18.8	6	SF				C	1052	31	.6	
0167	CATA	14	1240	1240	1245D	S10	W28	3946	10	12.4	5D	1			2	P	1240	253	3.1	
0168	HOLL	14	1342E	1342U	1356D	S09	E57	3950	10	18.8	14D	SF			3	C	47		F	
0169	PALE	14	1716	1718	1726	S09	W30	3946	10	12.5	10	SF			3	C	37			
0170		14	17331	17362	1839	N16	E20	3945	10	16.2	66	SN	C	.7			94		FU	
	HOLL	14	1733	1736	1836	N16	E20	3945	10	16.2	63	SN	C	.7	3	C	105			
	PALE	14	1734	1738	1842	N17	E19	3945	10	16.2	68	SN			3	C	82		UF	
0171		14	1824	1824*	1947	N13	W01	3951	10	14.7	83	SN					30		HK	
	PALE	14	1824	1824	1947	N13	W01	3951	10	14.7	83	SF			3	C	21		K	
	PALE	14	1824	1836	1947	N13	W01	3951	10	14.7	83	SN			3	C	40		HK	
0172		14	1856	1857	1914	N03	W21	3949	10	13.2	18	SN					39			
	PALE	14	1856	1857	1902	N03	W21	3949	10	13.2	6	SN			3	C	33			
	HOLL	14	1856	1857	1925	N03	W21	3949	10	13.2	29	SN			4	C	45		◊	
0173		14	2007	20157	2032	S08	E53	3950	10	18.8	25	SN	C	.8			55		F	
	PALE	14	2007	2015	2033	S08	E52	3950	10	18.7	26	SN			3	C	57		F	
	HOLL	14	2007	2022	2032	S07	E54	3950	10	18.9	25	SN	C	.8	3	C	53		F	
0174	HOLL	14	2109	2112	2131	N03	W22	3949	10	13.2	22	SN			3	C	47			

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0175		14	22403	22423	2256	N02	W24	3949	10	13.1	16	SN					41	.6	J
	CULG	14	2240	2242	2254	N02	W24	3949	10	13.1	14	SF			C	2242	60	.6	J
	HOLL	14	2243	2245	2257	N03	W23	3949	10	13.2	14	SN		3	C		22		
0176	PALE	15	0048	0058	0101	S11	W34	3946	10	12.5	13	SF		3	C		19		
0177		15	0135*	01475	0207	S08	E48	3950	10	18.7	32	SF					40	.6	DF
	PALE	15	0135	0147U	0211	S08	E48	3950	10	18.7	36	SF		3	C		51		F
	CULG	15	0143	0152	0206	S07	E48	3950	10	18.7	23	SF			C	0152	40	.6	
	LEAR	15	0145	0147	0204	S09	E49	3950	10	18.7	19	SF		3	C		25		
	PEKG	15	0145E	0150	0206	S09	E48	3950	10	18.7	21D	SN			C	0150	42	.7	D
0178		15	02032	0205	0210	S15	E14	3943	10	16.1	7	SN	C	.6			44	.5	E
	CULG	15	0203	0205	0209	S15	E15	3943	10	16.2	6	SN			C	0205	40	.4	
	LEAR	15	0205	0205	0209	S15	E14	3943	10	16.1	4	SN	C	.6	3	C	44		
	PEKG	15	0205E	0205	0209	S15	E14	3943	10	16.1	4D	SN			P	0205	55	.6	E
	PALE	15	0205	0205	0211	S15	E14	3943	10	16.1	6	SN		3	C		38		
0179	YUNN	15	0426E	0430	0458	S10	W37	3946	10	12.4	32D	SN			P		31	.4	
0180		15	05412	05475	0608	S09	E47	3950	10	18.8	27	SN	C	1.5			130	2.3	EFJ
	TACH	15	0541	0547	0608	S09	E49	3950	10	18.9	27	1B			C	0547	177	2.8	E
	CULG	15	0543	0549	0604	S09	E46	3950	10	18.7	21	SN			C	0549	90	1.3	F
	LEAR	15	0543	0552	0609	S09	E46	3950	10	18.7	26	SN	C	1.5	3	C	68		F
	PEKG	15	0545E	0550	0607	S09	E46	3950	10	18.7	22D	SN			C	0550	126	2.0	E
	ABST	15	0546E	0549	0615	S08	E47	3950	10	18.8	29D	1N			P	0549	192	3.0	EJ
0181	KAND	15	0720	0723	0731	S04	E46	3950	10	18.7	11	SB			C				D
0182	CATA	15	0845	0850	0905D	S05	E47	3950	10	18.9	20D	S		2	P	0850	112	1.7	
0183	KAND	15	0932		0938	S04	E46	3950	10	18.8	6	SN			C				D
0184	HTPR	15	1023	1039	1108	S05	E47	3950	10	18.9	45	SF			C	1039	30	.4	E
0185	KAND	15	1036	1040	1049	N03	W30	3949	10	13.2	13	1B			C				
0186		15	11458	11505	1204	N04	W31	3949	10	13.2	19	SB					167	1.9	EH
	CATA	15	1145	1150	1205	N03	W30	3949	10	13.2	20	1		2	C	1150	253	3.0	
	HTPR	15	1148	1151	1205	N03	W32	3949	10	13.1	17	SB			C	1151	120	1.3	E
	KHAR	15	1150E	1155	1206D	N05	W32	3949	10	13.1	16D	SB			P	1155			H
	ATHN	15	1153	1155	1201	N05	W29	3949	10	13.3	8	SB		4	V	1155	127	1.5	
0187	HTPR	15	1302	1307	1330	S06	E46	3950	10	19.0	28	SF			C	1307	40	.6	
0188		15	1406	1407	1413	S07	W44	3946	10	12.3	7	SN					22	.3	
	HOLL	15	1401E	1402U	1420D	S08	W43	3946	10	12.4	19D	SN		3	C		25		
	HTPR	15	1406	1407	1413	S06	W45	3946	10	12.2	7	SN			C	1407	20	.3	
0189	HTPR	15	1542	1553	1600	S06	E47	3950	10	19.2	18	SF			C	1553	30	.4	E
0190	HOLL	15	1823	1827	1835	S05	E41	3950	10	18.8	12	SN		3	C		24		F
0191		15	2037	20385	2100	S06	E41	3950	10	18.9	23	SB	C	3.5			98		F
	HOLL	15	2037	2038	2038D	S08	E42	3950	10	19.0	1D	SB	C	3.5	3	C	79		
	PALE	15	2040E	2043	2100	S05	E40	3950	10	18.8	20D	SB		3	C		118		F
0192	HOLL	15	2107	2111	2140	S06	E39	3950	10	18.8	33	SN		3	C		71		FH
0193		16	0350	0353	0402	S06	E36	3950	10	18.8	12	SN					40	.5	F
	LEAR	16	0349E	0350U	0403	S09	E37	3950	10	18.9	14D	SF		2	C		39		F
	CULG	16	0350	0353	0400	S04	E36	3950	10	18.8	10	SN			C	0353	40	.5	F
0194	ABST	16	0458	0503	0530	S10	E36	3950	10	18.9	32	SF			C	0503	87	1.1	D
0195		16	0527	0537	0554	S05	E36	3950	10	18.9	27	SB					50	.6	EF
	CULG	16	0527	0537	0551	S04	E35	3950	10	18.8	24	SN			C	0537	50	.6	F
	PURP	16	0537E	0537	0556	S06	E37	3950	10	19.0	19D	SB			C	0537	51	.7	E

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																Apparent (10-6 Disk)	Corr (Sq Deg)	
0196		16	0824*	08352	0853	S10	E34	3950	10	18.9	29	SB	C 2.0			126	1.5	EFH
	KANZ	16	0824	0836	0843D	S09	E32	3950	10	18.7	19D	SB		3				H
	ISTA	16	0833		0848	S10	E33	3950	10	18.8	15	SF						
	LEAR	16	0833	0835	0852	S11	E39	3950	10	19.3	19	SB	C 2.0	2	C	79		FE
	ATHN	16	0833	0836	0854	S09	E36	3950	10	19.0	21	SB		2	V	0836	95	1.3
	MONT	16	0833	0836	0855	S09	E33	3950	10	18.8	22	SB			C	0836	180	
	HTPR	16	0834	0837	0856	S10	E31	3950	10	18.7	22	SB			C	0837	150	1.7
0197		16	09423	09478	1004	N02	W42	3949	10	13.3	22	SN	C 4.8			118	1.5	
	ATHN	16	0942	0947	1011	N03	W40	3949	10	13.4	29	SB		3	V	0947	111	1.5
	MONT	16	0944	0948	1002	N01	W42	3949	10	13.3	18	SN	C 4.8		C	0948	150	
	HTPR	16	0944	0953	0959	N03	W43	3949	10	13.2	15	SN			C	0953	100	1.3
	CATA	16	0945	0955	10100	N03	W42	3949	10	13.3	25D	S		1	P	0955	112	1.6
0198	HTPR	16	1125	1135	1148	S08	E29	3950	10	18.6	23	SF			C	1135	60	.7
0199		16	14041	14091	1422	S06	E30	3950	10	18.8	18	SN				40	.4	E
	HTPR	16	1404	1410	1423	S08	E27	3950	10	18.6	19	SN			C	1410	40	.4
	KANZ	16	1405	1409	1421	S05	E32	3950	10	19.0	16	SN		3				E
		16	1443		1507	No Flare Patrol												
		16	1541		1713	No Flare Patrol												
0200		17	0208	02081	0213	S05	E26	3950	10	19.0	5	SF	C .5			37	.4	F
	CULG	17	0208	0208	0214	S04	E26	3950	10	19.0	6	SF			C	0208	40	.4
	PALE	17	0208	0209	0212	S04	E26	3950	10	19.0	4	SN		3	C	34		
	LEAR	17	0208	0209	0214	S06	E26	3950	10	19.0	6	SF	C .5	3	C	36		
		17	02551	02552	0259	S04	E23	3950	10	18.8	4	SN				30	.3	
0201	PURP	17	0255E	0255	0255D	S05	E24	3950	10	18.9	4D	SB			P	0255	27	.3
	CULG	17	0255	0255	0259	S04	E23	3950	10	18.8	4	SN			C	0255	30	.3
	LEAR	17	0255	0256	0300	S04	E22	3950	10	18.8	5	SF		3	C	39		
	PALE	17	0256	0257	0258	S04	E22	3950	10	18.8	2	SF		3	C	23		
		17	0442	0444	0447	N08	E44	3958	10	20.5	5	SF			C	0444	20	.2
0203		17	0738	0740	0753	S14	W22	3943	10	15.6	15	SF				71	1.3	E
	LEAR	17	0738	0740	0753	S13	W22	3943	10	15.6	15	SF		3	C	28		
	ABST	17	0738E	0740	0801D	S15	W22	3943	10	15.6	23D	SF			P	0740	114	1.3
0204	CATA	17	1025	1030	1040	N16	E27	3953	10	19.5	15	S		1	C	1030	56	.6
0205	PALE	17	1813	1818	1820	N02	W60	3949	10	13.3	7	SF		3	C	14		
0206	PALE	17	1841	1842	1847	N06	W46	3948	10	14.3	6	SF		3	C	17		
0207	PURP	18	0452E	0452	0518	S10	E12	3950	10	19.1	26D	SF			C	0452	27	.3
0208		18	06261	06261	0635	S05	E11	3950	10	19.1	9	SN				56	.6	EF
	PURP	18	0626	0626	0635	S07	E10	3950	10	19.0	9	SB			P	0626	67	.7
	CULG	18	0626	0627	0635	S02	E11	3950	10	19.1	9	SF			C	0627	40	.4
	LEAR	18	0627	0627	0636	S07	E11	3950	10	19.1	9	SF		3	C	60		F
0209		18	07562	0758	0811	S08	E09	3950	10	19.0	15	SN				67	.7	
	PURP	18	0756	0758	0817	S10	E09	3950	10	19.0	21	SB			C	0758	67	.7
	KANZ	18	0758	0758	0805	S06	E09	3950	10	19.0	7	SF		3				
0210		18	09219	09382	1006	S04	E10	3950	10	19.1	45	SN				56	.6	
	KANZ	18	0921	0938	1005	S05	E10	3950	10	19.1	44	SN		3				
	WEND	18	0930	0940	1007	S04	E10	3950	10	19.1	37	SF			C	0940	56	.6
0211	KANZ	18	1248	1308	1329	S10	E80	3955	10	24.5	41	SN		3				
0212		18	1832	1848	1918	S07	E04	3950	10	19.1	46	SN	C 1.1			112		F
	HOLL	18	1832	1848	1926	S07	E04	3950	10	19.1	54	SN	C 1.1	3	C	156		F
	PALE	18	1848E	1851U	1910	S07	E05	3950	10	19.1	22D	SF		3	C	67		F

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0213	HOLL	18	2017E	2021	2023	S07	E87	3955	10	25.4	6D	SF		3	C				
0214	HOLL	18	2202	2203	2215D	S06	E01	3950	10	19.0	13D	SF		3	C		26		F
0215	KANZ	19	0723E		0729	S07	W01	3950	10	19.2	6D	SF		1					
0216	ISTA	19	0757E		0834	S14	E30	3957	10	21.6	37D	1N							E
0217	CATA	19	0930	0930	0935	S07	E90	3955	10	26.1	5	1		2	C	0930	56		
0218		19	1135	1140S	1147	S09	E80	3955	10	25.5	12	1B					60	3.3	
	CATA	19	1135	1140	1145	S09	E77	3955	10	25.3	10	1		2	C	1140	56		
	ATHN	19	1143E	1145	1149	S09	E82	3955	10	25.6	6D	1B		2	V	1145	64	3.3	
0219	HOLL	19	1403E	1403U	1413D	S08	W37		10	16.8	10D	SF		2	C		35		
		19	1450		1453	No	Flare	Patrol											
		19	1459		1504	No	Flare	Patrol											
		19	1524		1529	No	Flare	Patrol											
0220	HOLL	19	1530E	1536U	1549	S07	W09	3950	10	19.0	19D	SN		3	C		85		F
0221		19	1748*	1752*	1817	S10	E79	3955	10	25.7	29	SN	C 2.0						F
	PALE	19	1748	1805	1826	S07	E81	3955	10	25.8	38	SN		3	C				F
	HOLL	19	1750	1752	1802	S10	E81	3955	10	25.8	12	SN	C 2.0	3	C				
	HOLL	19	1804	1810	1823	S12	E74	3955	10	25.3	19	SN	C 2.7	3	C				
0222		19	1834*	1835*	1846	S08	W10	3950	10	19.0	12	SF					43		F
	HOLL	19	1834	1835	1848	S08	W11	3950	10	18.9	14	SF		3	C		28		F
	PALE	19	1835	1838	1842	S08	W09	3950	10	19.1	7	SF		3	C		71		F
	PALE	19	1845	1846	1848	S08	W10	3950	10	19.0	3	SF		3	C		30		F
0223	HOLL	19	2232	2236	2248	S16	E22	3957	10	21.6	16	SF		3	C		21		
0224		20	0326I	0328I	0332	S12	E66	3955	10	25.1	6	SF					48		
	CULG	20	0326	0330	0332	S11	E68	3955	10	25.2	6	SF			C	0330	70		
	LEAR	20	0327	0328	0333	S12	E65	3955	10	25.0	6	SF		3	C		27		
0225	PURP	20	0446	0448	0456	N11	E19	3958	10	21.6	10	SF			C	0448	7	.1	EG
0226	PURP	20	0525	0541	0612	S15	E18	3957	10	21.6	47	SN			C	0541	40	.5	E
0227		20	0743Z	0752Z	0803	N10	E90	3960	10	27.1	20	1F					52		
	HTPR	20	0743	0752	0803	N14	E90	3960	10	27.1	20	SF			C	0752	20		
	CATA	20	0745	0755	0800D	N06	E90	3960	10	27.0	15D	1		2	P	0755	84		
0228	HTPR	20	1210	1221	1224	S10	E68	3955	10	25.6	14	SN			C	1221	50	1.2	E
		20	1502		1507	No	Flare	Patrol											
0229	HOLL	20	1629	1636	1638	S09	E63	3955	10	25.4	9	SF		3	C		16		
0230	HOLL	20	1812	1814	1820	S10	E62	3955	10	25.4	8	SF		3	C		23		
		20	1835		1839	No	Flare	Patrol											
		20	2031		2034	No	Flare	Patrol											
0231	CULG	20	2130	2132	2136	S05	E42	3954	10	24.0	6	SF			C	2132	40	.5	
0232		21	0021S	0029	0045	N11	E06	3958	10	21.5	24	SF	C 2.9				105	1.2	FU
	CULG	21	0021	0029	0043	N11	E05	3958	10	21.4	22	SN			C	0029	120	1.2	F
	PALE	21	0026	0029	0047	N11	E06	3958	10	21.5	21	SF	C 2.9	3	C		101		U
	LEAR	21	0031E	0031U	0037D	N11	E06	3958	10	21.5	6D	SF		3	C		94		F
0233	PURP	21	0103	0106	0141	N11	E06	3958	10	21.5	38	SF			C	0106	8	.1	E
0234	PURP	21	0150	0150	0155	N11	E06	3958	10	21.5	5	SF			C	0150	13	.1	E

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															Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)			
0235	PURP	21	0403	0411	0422	N10	E04	3958	10 21.5	19	SN			C	0411	13	.1	D		
0236	PURP	21	0457	0457	0520	N10	E04	3958	10 21.5	23	SF			C	0457	16	.2			
0237	CULG	21	0502	0509	0518	N20	E78		10 27.2	16	SF			C	0509	60				
0238		21	0538	0545	0640	N10	E03	3958	10 21.5	62	SN					36	.4	EU		
	YUNN	21	0535E	0535U	0540D	N09	E03	3958	10 21.4	5D	SN			P	0535	48	.5	E		
	PURP	21	0538	0545	0610	N10	E03	3958	10 21.5	32	SF			C	0545	23	.2			
	KAND	21	0641E		0710	N10	E03	3958	10 21.5	29D	1N			C				U		
0239		21	0636*	0640*	0657	S12	E51	3955	10 25.1	21	SN					116	2.0	DEFJ		
	TACH	21	0636	0640	0645	S13	E52	3955	10 25.2	9	1B			C	0640	212	3.7	D		
	ABST	21	0646E	0648	0650D	S15	E53	3955	10 25.3	4D	1N			P	0648	131	2.4	DJ		
	CULG	21	0647	0650	0654	S09	E50	3955	10 25.0	7	SN			C	0650	80	1.2	FJ		
	PURP	21	0652	0652	0700	S12	E50	3955	10 25.0	8	SB			C	0652	40	.7	E		
	KAND	21	0655		0710	S10	E49	3955	10 25.0	15	SN			C						
0240	TACH	21	0717	0729	0813D	S13	E60	3955	10 25.8	56D	SF			C	0729	1316	27.4	ETW		
0241		21	07199	0727*	0750	S11	E45	3955	10 24.7	31	1N	C 7.4				233	3.7	DFIK		
	ISTA	21	0719		0723	S14	E47	3955	10 24.8	4	SN							D		
	ATHN	21	0723	0737	0832D	S09	E45	3955	10 24.7	69D	1N		1	V	0737	239	3.6			
	ABST	21	0725E	0727	0728D	S10	E43	3955	10 24.5	3D	1N			P	0727	262	3.8	F		
	ISTA	21	0728		0818	S13	E46	3955	10 24.8	50	3B							KIF		
	LEAR	21	0735E	0736	0820D	S09	E44	3955	10 24.6	45D	1N	C 7.4	2	C		197		F		
0242		21	0727*	07524	0844	S08	E41	3954	10 24.4	77	1N					249	3.4	BEFI		
	CULG	21	0727	0735U	0743D	S07	E42	3954	10 24.4	16D	1B			P	0735	240	3.3	FEI		
	KANZ	21	0728	0752	0905	S09	E40	3954	10 24.3	97	1N									
	KAND	21	0735	0755	0821	S08	E40	3954	10 24.3	46	1N			C				E		
	WEND	21	0751E		0833	S09	E41	3954	10 24.4	42D	1N			C	0751	306	4.2	BF		
	PURP	21	0755	0756	0826D	S09	E41	3954	10 24.4	31D	1N			C	0756	201	2.8			
	KAND	21	0842		0855	S08	E40	3954	10 24.4	13	SN			C				E		
		21	1121		1128	No Flare Patrol														
0243	WEND	21	1332	1338	1342	S10	E39	3955	10 24.5	10	SF			C	1338	25	.3			
0244		21	13561	1359	1414	S09	W34	3950	10 19.0	18	SN					96	.9			
	KANZ	21	1356	1359	1410	S09	W34	3950	10 19.0	14	SN									
	WEND	21	1357	1359	1407	S09	W34	3950	10 19.0	10	SN			C	1359	69	.9			
	RAMY	21	1359E	1359U	1424	S09	W34	3950	10 19.0	25D	SN			C		124				
0245	KANZ	21	1429	1433	1437	S12	E44	3955	10 24.9	8	SF		2							
0246	HOLL	21	1804	1805	1811	N08	E81	3962	10 27.8	7	SF		3	C						
0247	HOLL	21	1850	1854	1900	N10	E91	3960	10 28.6	10	SF		3	C						
0248		21	2139	21552	2240	S11	E46	3955	10 25.4	61	SN	C 1.4				26		FK		
	HOLL	21	2139	2155	2240	S11	E46	3955	10 25.4	61	SF	C 1.4	3	C		24		K		
	HOLL	21	2139	2157	2240	S11	E46	3955	10 25.4	61	SN		3	C		28		FK		
0249		21	2250	2252	2307	S05	E88	3961	10 28.5	17	1B					40				
	CULG	21	2250	2252	2307	S04	E87	3961	10 28.4	17	SB			C	2252	40				
	HOLL	21	2301E	2302U	2302D	S06	E89	3961	10 28.6	1D	1B		3	C						
0250	LEAR	22	0214	0226	0232	S06	E83	3961	10 28.3	18	SF		3	C						
0251	CULG	22	0229	0233	0239D	S11	E37	3955	10 24.9	10D	SN			P	0233	40	.5			
0252		22	03048	0304*	0327	N12	E74	3960	10 27.7	23	SF	C 6.0				58		FK		
	LEAR	22	0304	0304	0328	N12	E74	3960	10 27.7	24	SF		3	C				K		
	LEAR	22	0304	0317	0328	N12	E74	3960	10 27.7	24	SF	C 6.0	3	C				FK		
	PURP	22	0312	0314	0326	N11	E73	3960	10 27.6	14	SN			C	0314	58				
0253	PURP	22	0313	0314	0319	S13	E41	3955	10 25.2	6	1N			C	0314	154	2.2			

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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 Apparent (10-6 Disk)	Measurement Corr (Sq Deg)	Remarks
0254	ABST	22	0459E	0503	0513	N10	E72	3960	10	27.6	14D	1F		P		0503	87		D
0255	ABST	22	0525	0533	0546D	N12	E85	3965	10	28.6	21D	1F		P		0533	87		D
0256	ABST	22	0706E	0706	0802D	S04	E80	3961	10	28.3	56D	1N		P		0706	87		ADJ
0257		22	0730	0733	0815	N10	W14	3958	10	21.3	45	SF					70	.8	DJK
	ABST	22	0726E	0733	0802D	N10	W14	3958	10	21.2	36D	SF		P		0732	87	.9	DJK
	BUCA	22	0730		0815	N11	W14	3958	10	21.2	45	SF		C		0730	53	.6	D
0258	BUCA	22	0825	0826	0835	S09	W44	3950	10	19.0	10	SF		C		0826	86	1.2	
0259	KIAR	22	1217E		1226D	N11	E65	3960	10	27.4	9D	SF		V		1219			D
0260	RAMY	22	1425E	1429U	1436	N14	E73	3965	10	28.1	11D	SF	C 2.7	3	C				
0261	HOLL	22	1428	1428	1437	N13	E76	3965	10	28.3	9	SF		3	C				
0262	HOLL	22	1618	1621	1629	N11	E68	3960	10	27.8	11	SF	C 1.6	3	C		25		
0263	HOLL	22	1701E	2124	2131D	S21	E12		10	23.6	270D	1B	C 2.8	3	C		165		EF
0264	HOLL	22	1801	1810	1815	S08	E34	3955	10	25.3	14	SF		3	C		54		
0265		22	1940*	19582	2007	N09	E63	3960	10	27.5	27	SN					32		
	HOLL	22	1940	2000	2008	N08	E63	3960	10	27.5	28	SN		3	C		34		
	PALE	22	1950	1958	2006	N10	E63	3960	10	27.6	16	SF		3	C		30		
0266	HOLL	22	2018	2020	2031	N09	E63	3960	10	27.6	13	SF		3	C		19		
0267		22	2121	21231	2138	N14	E70	3965	10	28.2	17	1B					132		EF
	CULG	22	2121	2123	2136	N17	E70	3965	10	28.2	15	1N		C		2123	100		F
	HOLL	22	2121	2124	2140	N12	E70	3965	10	28.2	19	1B		3	C		165		FE
0268		22	2357*	2407*	2433	S12	E28	3955	10	25.1	36	SN					96	1.5	EFJ
	MITK	22	2357	2407	2434	S12	E28	3955	10	25.1	37	SN		C		2407			E
	PALE	23	0009	0017	0034	S11	E29	3955	10	25.2	25	SN		3	C		82		F
	LEAR	23	0011	0018	0035	S12	E28	3955	10	25.1	24	SN		3	C		81		F
	VORO	23	0013	0018	0030	S11	E29	3955	10	25.2	17	SF		C		0018	125	1.5	EJ
0269		23	02144	02261	0240	S11	E27	3955	10	25.1	26	SN	C 3.0				74	.8	EF
	VORO	23	0214	0226	0235	S10	E26	3955	10	25.0	21	SN		C		0226	108	1.3	E
	YUNN	23	0214	0227	0230D	S12	E26	3955	10	25.0	16D	SN		P			32	.4	
	PALE	23	0216	0227	0247	S11	E28	3955	10	25.2	31	SN	C 3.0	3	C		83		F
	LEAR	23	0218	0226	0238	S12	E28	3955	10	25.2	20	SN		3	C		74		F
0270	LEAR	23	0251	0252	0301	S12	E24	3955	10	24.9	10	SF		3	C		22		F
0271		23	03423	03507	0410	S12	E28	3955	10	25.3	28	SN					134	1.6	EJ
	VORO	23	0342	0350	0357	S12	E28	3955	10	25.3	15	SF		C		0350	134	1.6	EJ
	MITK	23	0345	0357	0422	S13	E27	3955	10	25.2	37	SN		C		0357			E
0272		23	04122	04174	0443	S07	E08	3954	10	23.8	31	SN					80	1.3	F
	CULG	23	0412	0421	0448	S07	E07	3954	10	23.7	36	SN		C		0421	130	1.3	F
	LEAR	23	0414	0417	0438	S07	E08	3954	10	23.8	24	SF		3	C		31		F
0273	LEAR	23	0437	0441	0445	S13	E27	3955	10	25.2	8	SN	C 1.9	3	C		23		
0274	CULG	23	0448	0449	0455	N22	W36	3953A	10	20.4	7	SN				0449	20	.2	
0275	ABST	23	0518	0520	0535	S07	E06	3954	10	23.7	17	SF		C		0520	131	1.3	EL
0276		23	0620	06207	0630	S05	E64	3961	10	28.0	10	SF	C 1.4				31	1.1	F
	LEAR	23	0620	0620	0629	S06	E63	3961	10	28.0	9	SF	C 1.4	3	C		12		F
	CULG	23	0620	0627	0631	S04	E65	3961	10	28.1	11	SF		C		0627	50	1.1	F
0277		23	06404	06423	0654	N10	E34	3959	10	25.8	14	SN					79	1.6	EH
	ABST	23	0640	0642	0656	N08	E33	3959	10	25.7	16	SN		C		0642	131	1.6	EH
	LEAR	23	0644	0645	0652	N11	E34	3959	10	25.8	8	SF		3	C		27		

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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)	
0278	LEAR	23	0706	0707	0715	S07	E26	3955	10	25.2	9	SF		3	C		29		
0279		23	0741	0744	0803	S08	E26	3955	10	25.3	22	SF				0744	102	1.5	EF
	ABST	23	0741	0744	0754	S08	E26	3955	10	25.3	13	SF		C			131	1.5	E
	LEAR	23	0742	0745	0812	S08	E26	3955	10	25.3	30	SF		3	C		73		F
0280		23	1253	1258	1411	S11	E20	3955	10	25.0	78	SB M 1.3				1258	142	1.6	E
	ATHN	23	1253	1258	1302D	S11	E20	3955	10	25.0	9D	SB		2	V		143	1.6	
	RAMY	23	1253	1259	1411	S11	E19	3955	10	25.0	78	SB M 1.3		3	C		141		E
0281	RAMY	23	1343	1348	1401	S04	E68	3961	10	28.6	18	SN		3	C		77		
0282	HOLL	23	1344E	1344U	1425	S12	E28	3955	10	25.7	41D	SN		2	C		75		F
0283	RAMY	23	1425	1428	1446	N16	E61	3965	10	28.2	21	SF		3	C		39		
0284	HOLL	23	1541	1544	1554	N09	E52	3960	10	27.5	13	SF		3	C		17		
0285	HOLL	23	1606	1608	1627	N10	E52	3960	10	27.6	21	SF		3	C		29		Z
0286	HOLL	23	1649	1651	1722	N13	E18	3963	10	25.0	33	SN		3	C		62		
0287	HOLL	23	1658	1658	1716	S11	E20	3955	10	25.2	18	SF		3	C		27		
0288	HOLL	23	1754	1805	1807	N10	E52	3960	10	27.6	13	SF		3	C		19		Z
0289		23	1808	1820	1830	N14	E18	3963	10	25.1	22	SN					36		
	PALE	23	1808	1820	1828	N14	E17	3963	10	25.0	20	SF		3	C		37		
	HOLL	23	1808	1820	1833	N13	E18	3963	10	25.1	25	SN		3	C		35		
0290		23	1823	1825	1842	N10	E51	3960	10	27.6	19	SB					53		EZ
	PALE	23	1823	1825	1839	N11	E51	3960	10	27.6	16	SN		3	C		44		
	HOLL	23	1823	1825	1845	N09	E51	3960	10	27.6	22	SB		3	C		62		ZE
0291		23	18286	1829*	1849	S12	E20	3955	10	25.3	21	SF C 1.9					38		FU
	PALE	23	1828	1829	1847	S11	E21	3955	10	25.3	19	SF C 1.9		3	C		25		UF
	HOLL	23	1834	1840	1851	S12	E20	3955	10	25.3	17	SF		3	C		50		F
0292		23	1857	19053	1916	S14	E35	3964	10	26.4	19	SF					62		
	PALE	23	1857	1905	1916	S13	E35	3964	10	26.4	19	SF		3	C		67		
	HOLL	23	1857	1908	1916	S14	E35	3964	10	26.4	19	SF		3	C		58		
0293	PALE	23	1904	1906	1918	N14	E16	3963	10	25.0	14	SF		3	C		34		
0294		23	1911*	19561	2008	N14	E16	3963	10	25.0	57	SN					26		
	HOLL	23	1911	1957	2005	N13	E17	3963	10	25.1	54	SN		3	C		30		
	PALE	23	1948	1956	2011	N14	E16	3963	10	25.0	23	SN		3	C		23		
0295	HOLL	23	1922	1935	1938	S12	E21	3955	10	25.4	16	SF		3	C		21		
0296		23	19442	19562	2008	S12	E19	3955	10	25.2	24	SN					40		F
	HOLL	23	1944	1958	2006	S12	E19	3955	10	25.2	22	SN		3	C		46		F
	PALE	23	1946	1956	2010	S12	E19	3955	10	25.2	24	SN		3	C		33		F
0297		23	20502	20521	2100	S12	E14	3955	10	24.9	10	SB C 1.7				2052	46	.6	E
	CULG	23	2050	2052	2101	S12	E14	3955	10	24.9	11	SB			C		50	.6	
	HOLL	23	2052	2053	2059	S12	E13	3955	10	24.8	7	SB C 1.7		3	C		41		E
0298	HOLL	23	2105	2106	2110	N11	E53	3960	10	27.9	5	SF		3	C		21		
0299	HOLL	23	2111	2111	2117	S08	E56	3961	10	28.1	6	SF		3	C		16		
0300	HOLL	23	2208	2208	2216	S10	E21	3955	10	25.5	8	SF		3	C		24		
0301	HOLL	23	2252	2304	2308	S07	E57	3961	10	28.2	16	SF		3	C		17		
0302		23	23318	23365	2344D	S06	E59	3961	10	28.4	13D	SF C 2.0					30		F
	HOLL	23	2331	2336	2338D	S07	E59	3961	10	28.4	7D	SF C 2.0		3	C		38		F
	PALE	23	2339	2341	2344D	S05	E59	3961	10	28.4	5D	SF		3	C		22		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)	
0303		24	0020	00211	0040	N13	E13	3963	10	25.0	20	SN	C 2.0				116	1.8	E
	LEAR	24	0020	0021	0043	N13	E13	3963	10	25.0	23	SN	C 2.0	3	C		65		
	PEKG	24	0020	0022	0036	N13	E13	3963	10	25.0	16	SN			C	0022	168	1.8	E
0304		24	0158	02032	0214	S12	E10	3955	10	24.8	16	SN	C 2.2				126	1.3	EF
	CULG	24	0158	0203	0214	S12	E10	3955	10	24.8	16	SB			C	0203	150	1.6	
	LEAR	24	0158	0204	0217	S12	E10	3955	10	24.8	19	SN	C 2.2	3	C		136		F
	PEKG	24	0205E	0205	0211	S12	E09	3955	10	24.8	6D	SN			P	0205	92	1.0	E
0305		24	02031	02072	0222	N10	E46	3960	10	27.5	19	SF					42	.8	EFZ
	LEAR	24	0203	0209	0220	N10	E46	3960	10	27.5	17	SF		3	C		29		ZF
	PEKG	24	0204	0207	0224	N09	E47	3960	10	27.6	20	SF			P	0207	55	.8	E
0306	LEAR	24	0253	0254	0306	N15	E52	3965	10	28.0	13	SF		3	C		30		F
0307	PURP	24	0305	0307	0307D	S08	E55	3961	10	28.2	2D	SN			C	0307	13	.2	D
0308	CULG	24	0357	0359	0405	S11	E08	3955	10	24.8	8	SF			C	0359	50	.5	
0309	CULG	24	0409	0412	0449	N12	E45	3960	10	27.6	40	SN			C	0412	80	1.1	FJK
0310		24	04241	0426	0435	S12	E09	3955	10	24.9	11	SN					69	.9	EH
	CULG	24	0424	0426	0438	S11	E10	3955	10	24.9	14	SN			C	0426	100	1.1	
	PEKG	24	0425	0426	0430	S13	E09	3955	10	24.9	5	SN			P	0426	67	.7	E
	LEAR	24	0431E	0431U	0437	S13	E09	3955	10	24.9	6D	SF		3	C		41		H
0311	LEAR	24	0500	0502	0506	S06	E52	3961	10	28.1	6	SF		3	C		20		
0312	CULG	24	0519	0521	0528	N12	E48	3960	10	27.8	9	SN			C	0521	100	1.5	J
0313	PEKG	24	0544	0546	0600	N09	E44	3960	10	27.5	16	SN			P	0546	71	1.0	E
0314		24	06071	06091	0615	N11	W40	3958	10	21.2	8	SF					87	1.6	EF
	CULG	24	0607	0610	0615	N12	W40	3958	10	21.2	8	SF			C	0610	100	1.3	F
	LEAR	24	0608	0610	0616	N12	W38	3958	10	21.4	8	SF		3	C		29		
	ABST	24	0609E	0609	0615	N09	W41	3958	10	21.2	6D	SN			P	0609	131	1.8	E
0315	ABST	24	0609E	0609	0613	N11	E42	3960	10	27.4	4D	SN			P	0609	131	1.9	E
0316		24	0612	06131	0620	N16	E50	3965	10	28.0	8	1F					88	2.3	D
	ABST	24	0612	0613	0617	N18	E50	3965	10	28.1	5	1F			C	0613	131	2.3	D
	LEAR	24	0612	0614	0623	N15	E50	3965	10	28.0	11	SF		3	C		44		
0317		24	06341	06361	0644	S08	E17	3955	10	25.5	10	SN					58	.7	D
	ABST	24	0634	0636	0648	S06	E17	3955	10	25.5	14	SN			C	0636	87	1.0	D
	LEAR	24	0635	0636	0642	S09	E17	3955	10	25.5	7	SF		3	C		46		
	CULG	24	0635	0637	0643	S08	E16	3955	10	25.5	8	SN			C	0637	40	.4	
0318		24	06573	07042	0719	S12	E06	3955	10	24.7	22	SN	C 3.0				140	1.6	DEF
	CULG	24	0657	0704	0717	S12	E06	3955	10	24.7	20	SB			C	0704	100	1.1	F
	ABST	24	0657	0705	0725	S11	E07	3955	10	24.8	28	SN			C	0705	131	1.4	F
	LEAR	24	0658	0705	0725	S12	E07	3955	10	24.8	27	SN	C 3.0	3	C		125		F
	PEKG	24	0700	0705	0712	S13	E07	3955	10	24.8	12	SN			P	0705	126	1.4	E
	MITK	24	0705E	0706	0713D	S13	E06	3955	10	24.7	8D	1N			C	0706	220	2.4	D
	KAND	24	0711E		0719	S11	E06	3955	10	24.7	8D	SN			C				
0319		24	07013	0705	0726	S17	E12		10	25.2	25	SN					60	.7	DE
	ABST	24	0701	0705	0746	S16	E14		10	25.3	45	SN			C	0705	87	1.0	D
	PEKG	24	0704	0705	0706	S18	E11		10	25.1	2	SF			P	0705	34	.4	E
0320	LEAR	24	0715	0715	0732	N11	W39	3958	10	21.4	17	SF		3	C		22		
0321		24	07344	0735*	0816	N13	E16	3959	10	25.5	42	SN					133	1.2	EFKUV
	CULG	24	0734	0735	0749U	N13	E15	3959	10	25.4	15U	SN			P	0735	50	.5	F
	LEAR	24	0734	0743	0825	N12	E18	3959	10	25.7	51	SF		3	C		176		F
	ABST	24	0735	0736	0815	N14	E16	3959	10	25.5	40	SN			C	0736	174	2.0	EKV
	KAND	24	0738	0751	0807	N13	E17	3959	10	25.6	29	SN			C				U
	KANZ	24	0744E	0748	0751D	N12	E16	3959	10	25.5	7D	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	Obs See	Type	Time (UT)	Area Apparent (10-6 Disk)	Measurement Corr (Sq Deg)	Remarks
0322		24	0758*	0808*	0843	N09	E42	3960	10	27.5	45	1N	C 5.2				156	2.5	EKLZ
	ABST	24	0758	0820	0855	N11	E42	3960	10	27.5	57	1N			C	0820	174	2.4	EKL
	LEAR	24	0759	0808	0853D	N09	E42	3960	10	27.5	54D	SN		3	C		70		K
	LEAR	24	0759	0827	0853D	N09	E42	3960	10	27.5	54D	1N	C 5.2	3	C		182		ZK
	KANZ	24	0802E	0819	0831D	N09	E42	3960	10	27.5	29D	S8		3					
	KAND	24	0808	0823	0833D	N13	E42	3960	10	27.5	25D	1B			C				Z
	KHAR	24	0810E	0824	0855D	N09	E41	3960	10	27.4	45D	1N			V	0824			EL
	BUCA	24	0816		0845	N09	E42	3960	10	27.5	29	SN			P	0822	150	2.0	
	ISTA	24	0818	0826	0839	N08	E43	3960	10	27.6	21	1B							E
	ATHN	24	0822E	0824	0829	N10	E42	3960	10	27.5	7D	1B		3	V	0824	207	3.0	
	KANZ	24	0838E	0838	0849	N09	E42	3960	10	27.5	11D	SN		3					
0323	LEAR	24	0836	0837	0847	N12	E08	3963	10	25.0	11	SF		3	C		33		
0324	KHAR	24	1020E	1023	1030D	N11	E42	3960	10	27.6	10D	SF			P				D
0325	KHAR	24	1037E	1040	1047D	S12	E14	3955	10	25.5	10D	SF			P				D
0326		24	1108	1116	1135	N13	E14	3959	10	25.5	27	SN							E
	KHAR	24	1103E	1117	1127D	N13	E14	3959	10	25.5	24D	SN			P				E
	KANZ	24	1108	1116	1135	N13	E15	3959	10	25.6	27	SF		3					
0327		24	1340*	1413*	1602	N12	E42	3960	10	27.7	142	1B	M 2.2				344		EZ
	KANZ	24	1340	1413	1413D	N12	E43	3960	10	27.8	33D	1N		3					
	HOLL	24	1406	1511	1601	N12	E41	3960	10	27.7	115	1B	M 2.2	3	C		238		ZE
	HOLL	24	1457	1512	1603	N12	E41	3960	10	27.7	66	1B		4	C		450		ZE
0328	HOLL	24	1455E	1522U	1526D	S08	E30	3964	10	26.9	31D	SF		3	C		35		F
0329	HOLL	24	1537	1538	1605	N12	W43	3958	10	21.4	28	SF		3	C		24		
0330	HOLL	24	1712	1713	1722	N13	E15	3959	10	25.8	10	SF		3	C		20		
0331		24	17228	1723*	1737	S05	E51	3961	10	28.5	15	SF					30		
	HOLL	24	1722	1723	1733	S06	E51	3961	10	28.5	11	SF		3	C		34		
	RAMY	24	1724	1725	1728	S04	E52	3961	10	28.6	4	SF		3	C		36		
	PALE	24	1730	1734	1750	S04	E50	3961	10	28.5	20	SF		3	C		19		
0332		24	1736*	17484	1832	N10	E38	3960	10	27.6	56	SB					100		EF
	PALE	24	1736	1748	1831	N10	E37	3960	10	27.5	55	SN		3	C		155		F
	HOLL	24	1746	1752	1832	N10	E38	3960	10	27.6	46	SB		3	C		46		FE
0333	PALE	24	1916	1917	1923	S09	E08	3955	10	25.4	7	SF		3	C		34		F
0334	HOLL	24	2034	2035	2104	S09	E09	3955	10	25.5	30	SN	C 1.7	3	C		37		
0335	HOLL	24	2050	2100	2119	N03	E66	3966	10	29.8	29	SF		3	C		20		F
0336		24	21212	21271	2142	N11	E40	3960	10	27.9	21	SN					42		F
	PALE	24	2121	2127	2142	N12	E40	3960	10	27.9	21	SF		3	C		63		F
	HOLL	24	2123	2128	2141	N10	E40	3960	10	27.9	18	SN		3	C		21		F
0337	HOLL	24	2156	2156	2213	N14	E12	3959	10	25.8	17	SF		3	C		49		
0338		24	22103	22121	2218	N08	E35	3960	10	27.5	8	SN					121	2.1	F
	CULG	24	2210	2212	2217	N09	E36	3960	10	27.6	7	1N			C	2212	180	2.1	
	PALE	24	2212	2213U	2222D	N09	E35	3960	10	27.5	10D	SN		3	C		114		F
	HOLL	24	2213	2213	2218	N07	E35	3960	10	27.5	5	SN		3	C		68		
0339	HOLL	24	2239	2239	2244	S09	E03	3955	10	25.2	5	SN		3	C		29		
0340		24	23132	2323	2330	N14	E34	3960	10	27.5	17	SN	C 2.5				52		U
	HOLL	24	2313	2323	2333D	N13	E30	3960	10	27.2	20D	SN		3	C		51		U
	PALE	24	2315	2323	2330	N14	E38	3960	10	27.8	15	SF	C 2.5	3	C		53		
0341		24	23272	23323	2348	S08	E02	3955	10	25.1	21	SN					78	.6	FJ
	LEAR	24	2327	2332	2350	S07	E03	3955	10	25.2	23	SF		3	C		89		
	CULG	24	2328	2335	2346	S06	E03	3955	10	25.2	18	SN			C	2335	60	.6	FJ
	HOLL	24	2329	2332	2333D	S12	W00	3955	10	25.0	4D	SN		3	C		85		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
0342	PALE	25	0016	0017	0020	N12	E34	3960	10	27.6	4	SF		3	C		32		
0343		25	00251	00272	0036	S12	W02	3955	10	24.9	11	SN	C 2.7				61	.7	F
	CULG	25	0025	0028	0033	S11	W03	3955	10	24.8	8	SN			C	0028	70	.7	F
	LEAR	25	0026	0027	0036	S12	W02	3955	10	24.9	10	SN	C 2.7	3	C		71		
	PALE	25	0026	0029	0039	S12	W02	3955	10	24.9	13	SF		3	C		42		F
0344	LEAR	25	0236	0236	0244	S12	W04	3955	10	24.8	8	SF	C 1.9	3	C		24		
0345		25	0315*	03344	0418	S10	E05	3955	10	25.5	63	SN	C 9.4				151	1.7	EFJZ
	MITK	25	0315	0338	0428D	S10	E05	3955	10	25.5	73D	SN			C	0338			E
	PURP	25	0323	0338	0425	S10	E07	3955	10	25.7	62	SB			C	0338	154	1.7	
	PEKG	25	0325E	0337	0409	S09	E05	3955	10	25.5	44D	SN			P	0337	88	.9	E
	YUNN	25	0325	0337	0414	S10	E04	3955	10	25.4	49	SB			C		127	1.4	
	LEAR	25	0327	0335	0442	S10	E05	3955	10	25.5	75	SB	C 9.4	3	C		144		ZF
	VORO	25	0330	0334	0401	S10	E06	3955	10	25.6	31	1F			C	0341	242	2.7	EJ
0346		25	0502	05071	0514	N09	E31	3960	10	27.5	12	SN					41	.4	D
	PEKG	25	0502E	0508	0512	N09	E31	3960	10	27.5	10D	SN			P	0508	21	.2	D
	LEAR	25	0502	0508	0517	N09	E30	3960	10	27.5	15	SN		3	C		63		
	PURP	25	0507E	0507	0512	N08	E31	3960	10	27.5	5D	SN			C	0507	40	.5	
0347		25	05245	05297	0541	S12	W04	3955	10	24.9	17	SN					101	1.2	DEFJ
	CULG	25	0524	0529	0540	S13	W05	3955	10	24.8	16	SN			C	0529	120	1.2	FJ
	ABST	25	0525	0529	0546	S14	W05	3955	10	24.8	21	SN			C	0529	131	1.4	E
	PEKG	25	0527	0535	0541	S11	W04	3955	10	24.9	14	SF			P	0535	139	1.5	F
	LEAR	25	0529	0531	0536	S12	W06	3955	10	24.8	7	SF		2	C		31		F
	ABST	25	0533E	0536	0542D	S13	W00	3955	10	25.2	9D	SN			P	0535	87	.9	D
0348	PEKG	25	0531	0535	0555	N09	E30	3960	10	27.5	24	SF			C	0535	34	.4	E
0349		25	0701*	0705*	0730	S08	W04	3955	10	25.0	29	SN	C 3.3				124	1.3	EF
	PEKG	25	0700E	0705	0715D	S07	W03	3955	10	25.1	15D	SN			P	0705	59	.6	E
	ABST	25	0701	0715	0730D	S09	W04	3955	10	25.0	29D	1N			P	0714	219	2.3	F
	CULG	25	0705	0712	0726	S09	W04	3955	10	25.0	21	SN			C	0712	80	.8	F
	LEAR	25	0705	0714	0728	S08	W04	3955	10	25.0	23	SN	C 3.3	3	C		137		F
	KAND	25	0709	0718	0734	S07	W03	3955	10	25.1	25	SN			C				
	ISTA	25	0710		0720	S11	W05	3955	10	24.9	10	1N							E
	ATHN	25	0712	0718	0722D	S09	W10	3955	10	24.5	10D	SN		2	V	0718	127	1.3	
	PURP	25	0715E	0715	0741	S09	W01	3955	10	25.2	26D	1N			C	0715	201	2.1	
	YUNN	25	0726E	0726U	0730	S07	W05	3955	10	24.9	4D	SN			P	0726	48	.5	E
0350		25	07285	07292	0739	S07	E38	3961	10	28.1	11	SN					48	.7	DE
	YUNN	25	0728	0729	0731D	S07	E37	3961	10	28.1	3D	SN			P		16	.2	D
	ABST	25	0728	0730	0738	S09	E38	3961	10	28.2	10	SN			C	0730	87	1.2	D
	LEAR	25	0729	0731	0738	S07	E37	3961	10	28.1	9	SN		3	C		42		
	KAND	25	0733		0742	S05	E38	3961	10	28.1	9	SF			C				E
0351		25	07466	07487	0809	S05	E44	3961	10	28.6	23	SN	C 1.9				86	1.4	EF
	ABST	25	0746	0748	0803D	S05	E45	3961	10	28.7	17D	1N			P	0748	219	3.2	E
	YUNN	25	0748	0753	0816	S05	E43	3961	10	28.5	28	SN			C		32	.5	
	LEAR	25	0749	0750	0804	S05	E43	3961	10	28.5	15	SN	C 1.9	3	C		66		F
	KAND	25	0752	0755	0808	S03	E43	3961	10	28.5	16	1B			C				
	PURP	25	0753E	0753	0753D	S09	E45	3961	10	28.7	16D	SB			P	0753	27	.4	
0352		25	0826*		0840	S08	W03	3955	10	25.1	14	SF							DE
	KAND	25	0826		0833	S09	W02	3955	10	25.2	7	SF			C				D
	KAND	25	0836		0846	S08	W04	3955	10	25.0	10	SF			C				E
0353		25	0845	0848	0855	N14	W05	3963	10	25.0	10	SB					16	.2	D
	KAND	25	0845	0848	0855	N15	W05	3963	10	25.0	10	SB			C				D
	YUNN	25	0848E	0848U	0851D	N14	W05	3963	10	25.0	3D	SN			P	0848	16	.2	D
0354	KHAR	25	0857E		1007D	N10	W90		10	18.6	70D	SN			V	0857			
0355	YUNN	25	0912E	0912U	0915D	S09	W01	3955	10	25.3	3D	SN			P	0912	48	.5	E
0356	KHAR	25	0955E		1012D	N16	E20	3965	10	26.9	17D	SF			P	0957	80	.9	E

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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 Apparent (10-6 Disk)	Measurement Corr (Sq Deg)	Remarks
0357	KHAR	25	0959E		1032D	S14	W56	3957	10	21.2	33D	1F		V		1000			E
0358	KHAR	25	1003E		1029D	S04	W90	3950	10	18.7	26D	SF		V		1011			D
0359	KHAR	25	1005E		1025D	S12	W10	3955	10	24.7	20D	SF		V		1018			
0360	KHAR	25	1016E		1045D	N10	W90		10	18.7	29D	SF		V		1020			
0361	KHAR	25	1022E	1024	1037D	N11	W29		10	23.2	15D	SF		V		1024			
0362	KAND	25	1104		1149	S13	W08	3955	10	24.8	45	SB		C					E
0363	KAND	25	1107		1149	S03	W03		10	25.2	42	SN		C					D
0364	KHAR	25	1131	1134	1201	S11	W09	3955	10	24.8	30	SN	C 3.8				90	.8	EF
	KHAR	25	1130E	1134	1155D	S12	W10	3955	10	24.7	25D	SN		V		1134			E
	RAMY	25	1131	1134	1201	S12	W07	3955	10	24.9	30	SB	C 3.8	3	C		100		FE
	ATHN	25	1132	1134	1135D	S10	W10	3955	10	24.7	3D	SN		3	V	1134	80	.8	
0365	RAMY	25	1214*	1217	1246	N12	W07	3963	10	25.0	32	SN	C 2.5				71		E
	RAMY	25	1214	1217	1243	N11	W07	3963	10	25.0	29	SN	C 2.5	3	C		71		E
	KAND	25	1239		1250	N12	W07	3963	10	25.0	11	SN			C				
0366	RAMY	25	1242	1244	1328	N11	E28	3960	10	27.6	46	SN	C 2.6	3	C		58		F
0367	RAMY	25	1419	1523	1811	S05	E34	3961	10	28.1	232	SN		3	C		65		
0368	RAMY	25	1526	1607	1638	N13	E02	3959	10	25.8	72	SF		3	C		68		
0369	RAMY	25	1528	1612	1626	N11	W10	3963	10	24.9	58	SF		3	C		53		
0370	RAMY	25	1542	1557	1644	S08	W08	3955	10	25.0	62	1B					352		EFU
	RAMY	25	1542	1557	1645	S07	W08	3955	10	25.0	63	1B		3	C		354		UF
	HOLL	25	1545E	1558U	1643	S10	W09	3955	10	25.0	58D	1B		3	C		349		FE
0371	HOLL	25	1543E	1709U	1724	S06	E31	3961	10	28.0	101D	SF		3	C		169		F
0372	HOLL	25	1637	1657	1700	N13	W01	3959	10	25.6	23	SF		3	C		21		F
0373	HOLL	25	1701	1709	1749	N09	E24	3960	10	27.5	48	SF		3	C		40		
0374	RAMY	25	17015	1701*	1725	S11	W09	3955	10	25.0	24	SN					56		FK
	RAMY	25	1701	1701	1729	S10	W08	3955	10	25.1	28	SF		3	C		22		K
	RAMY	25	1701	1719	1729	S10	W08	3955	10	25.1	28	SN		3	C		105		K
	HOLL	25	1706	1709	1717	S13	W11	3955	10	24.9	11	SN		3	C		40		F
0375	RAMY	25	1734	1735	1746	S12	W11	3955	10	24.9	12	SF	C 2.2	3	C		35		
0376	PALE	25	18007	18183	1836	N13	E02	3959	10	25.9	36	1N	C 2.0				191		F
	PALE	25	1800	1818	1839	N13	E01	3959	10	25.8	39	SN	C 2.0	3	C		175		F
	HOLL	25	1807	1821	1833	N13	E02	3959	10	25.9	26	1N		3	C		207		F
0377	HOLL	25	1817	1820	1829	N10	E22	3960	10	27.4	12	SF		3	C		24		F
0378	HOLL	25	1819	1827	1828	N12	W10	3963	10	25.0	9	SF		3	C		21		
0379	HOLL	25	1821	1821	1829	S06	E34	3961	10	28.3	8	SF		3	C		21		
0380	HOLL	25	1825	1827	1829	S09	W09	3955	10	25.1	4	SF		3	C		21		F
0381	PALE	25	18353	18465	1939	N11	E24	3960	10	27.6	64	SN	C 3.8				88		F
	PALE	25	1835	1846	1920	N12	E25	3960	10	27.6	45	SN		3	C		72		F
	HOLL	25	1838	1851	1958	N10	E24	3960	10	27.6	80	SN	C 3.8	3	C		105		
0382	PALE	25	1848	1848	1902	S12	W13	3955	10	24.8	14	SF					54		F
	PALE	25	1848	1848	1902	S12	W13	3955	10	24.8	14	SF		3	C		55		F
	HOLL	25	1848E	1850U	1901	S12	W13	3955	10	24.8	13D	SF		3	C		53		F

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0383	HOLL	25	1852	1903	1911	S07	E32	3961	10	28.2	19	SN		3	C		29		
0384		25	19071	19101	1924	S10	W12	3955	10	24.9	17	SN					106		F
	HOLL	25	1907	1911	1931	S11	W13	3955	10	24.8	24	SN		3	C		139		F
	PALE	25	1908	1910	1917	S10	W10	3955	10	25.0	9	SN		3	C		73		F
0385	HOLL	25	1946	1947	1955	N14	E32	3965	10	28.2	9	SF		3	C		27		
0386	HOLL	25	2017	2017	2042	S06	E32	3961	10	28.2	25	SF		3	C		27		F
0387		25	2019*	2043*	2136	N14	E31	3965	10	28.2	77	SF	C 3.5				64		
	HOLL	25	2019	2043	2141	N13	E31	3965	10	28.2	82	SF	C 3.5	3	C		33		
	PALE	25	2045	2056	2132	N14	E31	3965	10	28.2	47	SF		3	C		94		
0388	PALE	25	2101	2107	2112	S12	W04	3955	10	25.6	11	SF		3	C		23		
0389		25	2248*	2301*	2449	N11	E21	3960	10	27.5	121	1B	M 2.1				349	2.7	EFIKUZ
	PALE	25	2248	2304	2505	N12	E23	3960	10	27.7	137	2B	M 2.1	3	C		545		ZUK
	PALE	25	2248	2431	2505	N12	E23	3960	10	27.7	137	2B		3	C		504		K
	CULG	25	2250	2301	2359	N12	E21	3960	10	27.5	69	2B			P	2301	460	5.0	EFI
	LEAR	25	2305E	2305U	2422	N11	E23	3960	10	27.7	770	1B		3	C		403		ZU
	MITK	25	2345E		2512D	N10	E20	3960	10	27.5	87D	SN			C	2345			E
	YUNN	26	0015E	0024	0054	N11	E21	3960	10	27.6	39D	SN			P		127	1.4	F
	LEAR	26	0023	0026	0116	N09	E20	3960	10	27.5	53	1B	C 8.2	3	C		349		ZF
	CULG	26	0025	0026	0055	N11	E19	3960	10	27.4	30	SB			C	0026	180	1.9	U
	YUNN	26	0025	0028	0054	N10	E20	3960	10	27.5	29	1N			C		223	2.5	F
0390		25	22502	2255	2303	S12	W15	3955	10	24.8	13	SN					174	1.6	F
	PALE	25	2250	2255	2303	S12	W15	3955	10	24.8	13	SF		3	C		198		F
	CULG	25	2252	2255	2303	S13	W15	3955	10	24.8	11	SN			C	2255	150	1.6	F
0391		25	2317*	2320*	2406	N15	E29	3965	10	28.2	49	SN					41		F
	PALE	25	2317	2320	2323	N16	E29	3965	10	28.2	6	SF		3	C		31		
	LEAR	25	2332	2339	2415	N14	E29	3965	10	28.2	43	SN		3	C		49		F
	PALE	25	2335	2345	2441	N14	E29	3965	10	28.2	66	SN		3	C		42		
0392	PALE	26	0007	0007	0009	N15	W14	3963	10	24.9	2	SF		3	C		28		
0393		26	00256	00304	0042	S12	W16	3955	10	24.8	17	SN					92	1.2	E
	PEKG	26	0025	0032	0052	S12	W16	3955	10	24.8	27	SN			P	0032	84	.9	E
	YUNN	26	0027	0030	0037	S12	W17	3955	10	24.7	10	SN			C		127	1.4	
	PALE	26	0030	0034	0040	S12	W16	3955	10	24.8	10	SF		3	C		98		
	LEAR	26	0031	0033	0039	S12	W16	3955	10	24.8	8	SN		3	C		59		
0394		26	00461	0047	0053	S13	W10	3955	10	25.3	7	SN					54	.6	
	CULG	26	0046	0047	0053	S14	W10	3955	10	25.3	7	SN			C	0047	60	.6	
	LEAR	26	0047	0047	0053	S12	W10	3955	10	25.3	6	SN		3	C		47		
0395		26	01343	01391	0150	S12	W17	3955	10	24.8	16	SN					109	1.6	
	PALE	26	0134	0140	0153	S12	W16	3955	10	24.8	19	SN		3	C		74		
	YUNN	26	0135	0140	0144	S12	W18	3955	10	24.7	9	SN			C		143	1.6	
	LEAR	26	0137	0139	0152	S12	W17	3955	10	24.8	15	SN		3	C		109		
0396	LEAR	26	0315	0323	0333	S10	W14	3955	10	25.1	18	SF		3	C		47		
0397	LEAR	26	0402	0402	0409	N11	E18	3960	10	27.5	7	SF		3	C		24		
0398		26	05193	05212	0536	N13	W04	3959	10	25.9	17	SN					55	.6	E
	LEAR	26	0519	0521	0539	N14	W04	3959	10	25.9	20	SF		3	C		49		
	PURP	26	0522	0523	0536	N12	W03	3959	10	26.0	14	SN			C	0523	67	.7	E
	YUNN	26	0526E	0526U	0534	N13	W05	3959	10	25.8	8D	SN			P	0526	48	.5	E
0399	CULG	26	0519	0523	0529	S06	E20	3961	10	27.7	10	SF			C	0523	60	.6	
0400	PURP	26	0652E	0652	0658	S14	W16	3955	10	25.1	6D	SN			C	0652	20	.2	E
0401	YUNN	26	0703	0710	0725	N14	W06	3959	10	25.8	22	SF			C		32	.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		Remarks
																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0402	YUNN	26	0703E	0703U	0709	S09	E24	3961	10	28.1	6D	SN			P	0703	32	.4	
0403	WEND	26	0818	0818	0821	S12	W23	3955	10	24.6	3	SN			C	0818	31	.4	
0404		26	09204	09242	0943D	N11	E12	3960	10	27.3	23D	SF					52	.6	EFL
	YUNN	26	0920	0924	0933D	N12	E13	3960	10	27.4	13D	SN			P		64	.7	E
	LEAR	26	0924	0926	0943D	N10	E12	3960	10	27.3	19D	SF	3		C		41		F
	KHAR	26	0926E		0935D	N12	E12	3960	10	27.3	9D	SF			P	0928	50	.5	L
0405		26	0936	0938	0955D	S12	W22	3955	10	24.7	19D	SF					85		EH
	KHAR	26	0932E		0955D	S12	W23	3955	10	24.7	23D	SF			V	0938			EH
	LEAR	26	0936	0938	0943D	S12	W21	3955	10	24.8	7D	SF	3		C		85		
0406		26	1004	1008	1012	S09	E21	3961	10	28.0	8	SF					141	1.4	EH
	HTPR	26	1001E		1011D	S08	E22	3961	10	28.1	10D	1N			C	1008	220	2.2	E
	KHAR	26	1004E		1020D	S09	E20	3961	10	27.9	16D	SF			V	1008			EH
	WEND	26	1004	1008	1012	S10	E22	3961	10	28.1	8	SF			C	1008	62	.7	
0407	KHAR	26	1003E		1007D	N09	E05	3967	10	26.8	4D	SF			V	1004			DL
0408		26	1108	1058*	1114	S08	E20	3961	10	28.0	6	SF					30	.3	EH
	KHAR	26	1057E	1058	1104D	S09	E20	3961	10	27.9	7D	SF			V	1058			EH
	HTPR	26	1108	1111	1114	S07	E20	3961	10	28.0	6	SF			C	1111	30	.3	
0409		26	1116	1127	1303	N08	E06	3967	10	26.9	107	SN					150	1.5	DEL
	HTPR	26	1116	1127	1303	N08	E06	3967	10	26.9	107	SN			C	1127	150	1.5	E
	KHAR	26	1131E		1137D	N09	E05	3967	10	26.8	6D	SF			V	1133			DL
0410	HTPR	26	1137	1150	1157	N10	E16	3960	10	27.7	20	SN			C	1150	30	.3	
0411		26	1150	1154	1207	N14	W08	3959	10	25.9	17	SN					120	1.2	E
	HTPR	26	1150	1154	1207	N13	W09	3959	10	25.8	17	SN			C	1154	180	1.8	E
	KHAR	26	1153E	1154	1210D	N14	W08	3959	10	25.9	17D	SF			P	1157	60	.6	E
0412	HTPR	26	1224		1522D	N10	E15	3960	10	27.6	178D	SF			C	1240	20	.2	
0413	HTPR	26	1226	1236	1245	S13	W13	3955	10	25.5	19	SF			C	1236	80	.8	E
0414	HTPR	26	1230	1231	1234	S09	E19	3961	10	27.9	4	SB			C	1231	50	.5	
0415	HTPR	26	1320	1336	1352	N08	E05	3967	10	26.9	32	SF			C	1336	70	.7	E
0416		26	14014	1405*	1431	S07	E21	3961	10	28.1	30	SN					66	1.4	EK
	HTPR	26	1401		1455D	S08	E20	3961	10	28.1	54D	SN			C	1422	140	1.4	E
	RAMY	26	1405	1405	1431	S06	E21	3961	10	28.1	26	SF	3		C		22		K
	RAMY	26	1405	1417	1431	S06	E21	3961	10	28.1	26	SN	3		C		35		K
0417	HTPR	26	1416	1417	1430	N09	E05	3967	10	27.0	14	SN			C	1417	30	.3	E
0418		26	14212	1423	1446	S12	W22	3955	10	24.9	25	SN	C 1.5				85	1.4	E
	HTPR	26	1421		1455D	S13	W22	3955	10	24.9	34D	SF			C	1427	140	1.4	E
	RAMY	26	1423	1423	1446	S12	W23	3955	10	24.9	23	SN	C 1.5	3	C		30		
0419		26	15164	1527	1604	S11	W16	3955	10	25.4	48	SN					90		F
	HOLL	26	1516	1527	1609	S10	W18	3955	10	25.3	53	SN		3	C		121		F
	RAMY	26	1520	1527	1600	S12	W15	3955	10	25.5	40	SN		3	C		60		
0420	RAMY	26	1556	1606	1612	S06	E20	3961	10	28.2	16	SF		3	C		30		
0421		26	16301	16311	1640	S06	E19	3961	10	28.1	10	SN	C 2.1				78		
	RAMY	26	1630	1631	1643	S06	E20	3961	10	28.2	13	SN	C 2.1	3	C		89		
	HOLL	26	1631	1632	1636	S07	E18	3961	10	28.0	5	SN		3	C		67		
0422	HOLL	26	1644	1647	1702	S11	W32	3955	10	24.3	18	SF		3	C		48		
0423	HOLL	26	1711	1721	1733	S11	W16	3955	10	25.5	22	SF		3	C		79		
0424	HOLL	26	1817	1825	1847D	N10	E02	3967	10	26.9	30D	SN		3	C		62		

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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
0425	HOLL	26	1820	1822	1845	S11	W16	3955	10	25.6	25	SF		3	C		116		
0426	HOLL	26	1926E	1926U	2006	N10	E03	3967	10	27.0	40D	SN	C 1.9	3	C		62		
0427		26	19299	1947*	2041	N11	E12	3960	10	27.7	72	SN					104	1.0	
	HOLL	26	1929	1950	2045D	N11	E12	3960	10	27.7	76D	SN		3	C		129		
	RAMY	26	1938	1947	2024D	N11	E12	3960	10	27.7	46D	SN		3	C		84		
	CULG	26	2025E	2027	2041	N12	E11	3960	10	27.7	16D	SN			P	2027	100	1.0	
0428	RAMY	26	2007	2011	2024D	S06	E18	3961	10	28.2	17D	SN		3	C		47		
0429		26	23031	23053	2315	N11	E09	3960	10	27.6	12	SF	C 1.4				135	1.9	DFHJ
	VORO	26	2303	2305	2311	N12	E09	3960	10	27.6	8	1F			C	2305	251	2.6	DJ
	CULG	26	2303	2306	2318	N11	E09	3960	10	27.6	15	SN			C	2306	120	1.2	
	LEAR	26	2304	2308	2315	N10	E10	3960	10	27.7	11	SF	C 1.4	3	C		33		FH
0430	LEAR	26	2316	2320	2325	S13	W20	3955	10	25.5	9	SF		3	C		53		
0431	PEKG	26	2358	2432	2510	N12	E21	3965	10	28.6	72	1N			P	2432	315	3.5	F
0432		27	00521	00522	0109	N10	E05	3960	10	27.4	17	SN	C 2.2				174	1.7	EFJ
	VORO	27	0052	0052	0104	N12	E05	3960	10	27.4	12	1F			C	0052	278	2.4	EJ
	CULG	27	0052	0052	0112	N11	E05	3960	10	27.4	20	SB			C	0052	110	1.1	FE
	LEAR	27	0052	0053	0122	N10	E07	3960	10	27.6	30	SN	C 2.2	3	C		148		F
	YUNN	27	0053E	0053U	0105	N10	E05	3960	10	27.4	12D	SB			P	0053	159	1.7	E
	MITK	27	0053	0054	0104	N10	E06	3960	10	27.5	11	SN			C	0054			E
0433		27	01033	01072	0119	S06	E14	3961	10	28.1	16	SF					65	.8	DFJ
	VORO	27	0103	0108	0117	S06	E13	3961	10	28.0	14	SF			C	0108	99	1.0	DJ
	YUNN	27	0104	0107	0119	S06	E13	3961	10	28.0	15	SN			C		64	.7	
	LEAR	27	0106	0109	0120	S06	E15	3961	10	28.2	14	SF		3	C		32		F
0434	LEAR	27	0124	0130	0133	N09	W01	3967	10	27.0	9	SF		3	C		33		
0435	VORO	27	0203	0238	0254	N12	W07	3967	10	26.5	51	SN			C	0238	125	1.3	DJK
0436		27	0206*	0218*	0315	N11	E07	3960	10	27.6	69	1N	C 2.1				233	2.6	EFHJLW
	MITK	27	0206	0306	0327D	N11	E08	3960	10	27.7	81D	1N			C	0306	240	2.5	E
	LEAR	27	0214	0218	0219	N10	E08	3960	10	27.7	5	SF		3	C		38		F
	YUNN	27	0214	0238	0258	N10	E09	3960	10	27.8	44	SB			C		79	.8	F
	LEAR	27	0221	0305	0402	N10	E06	3960	10	27.5	101	1B	C 2.1	3	C		327		FE
	PEKG	27	0223E	0226	0240	N11	E06	3960	10	27.5	17D	SN			P	0226	97	1.0	F
	CULG	27	0303	0306	0336	N11	E07	3960	10	27.6	33	1B			C	0306	210	2.1	J
	VORO	27	0303	0306	0340	N13	E07	3960	10	27.6	37	2N			C	0306	556	5.8	HJL
	YUNN	27	0305E	0307	0328	N11	E08	3960	10	27.7	23D	1N			P		318	3.3	FW
0437		27	0334	0306*	0353	S11	W38	3955	10	24.3	19	1N					235	3.4	EFJGJ
	YUNN	27	0305E	0306	0345	S11	W38	3955	10	24.3	40D	SN			P		143	2.0	EG
	VORO	27	0334	0336	0346	S11	W40	3955	10	24.1	12	2F			C	0336	457	6.2	EGJ
	CULG	27	0334	0337	0348	S12	W38	3955	10	24.3	14	SN			C	0337	150	1.9	F
	LEAR	27	0334	0337	0412	S11	W38	3955	10	24.3	38	1N		3	C		191		F
0438		27	0331*	0333*	0518	S09	W24	3955	10	25.3	107	1N	M 3.7				431	4.7	DEFJKU
	LEAR	27	0331	0409	0640	S11	W22	3955	10	25.5	189	2B	M 3.7	3	C		619		FEK
	LEAR	27	0331	0433	0640	S11	W22	3955	10	25.5	189	1B		3	C		335		K
	VORO	27	0333	0333	0333	S08	W29	3955	10	25.0	189	SF			C	0333	72	.8	DJ
	YUNN	27	0341	0405	0415	S09	W23	3955	10	25.4	34	2B			C		604	7.0	FKU
	VORO	27	0357		0400D	S08	W23	3955	10	25.4	3D	1F			C	0359	287	3.2	EJ
	CULG	27	0357	0407	0516	S10	W23	3955	10	25.4	79	1B			C	0407	340	3.8	FJK
	YUNN	27	0418	0440	0525	S09	W24	3955	10	25.4	67	2B			C		763	8.9	FK
0439	MANI	27	0338E	0338U	0344D	N13	W29	3963	10	25.0	6D	SN		1	V		60	.7	F
0440	ABST	27	0500E	0505	0616	S09	W24	3955	10	25.4	76D	1N			P	0505	306	3.5	E
0441	ABST	27	0532	0533	0536	N11	W21	3959	10	25.6	4	SN			P	0533	87	1.0	D
0442		27	05341	05361	0603	S06	E13	3961	10	28.2	29	SN					118	1.9	F
	ABST	27	0534	0537	0606	S06	E14	3961	10	28.3	32	SN			C	0537	175	1.9	F
	LEAR	27	0535	0536	0600	S07	E12	3961	10	28.1	25	SF		3	C		61		F

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																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0443		27	05343	0541*	0603	N11	W32	3963	10	24.8	29	SN					90	1.2	DF
	ABST	27	0534	0544	0606	N13	W32	3963	10	24.8	32	1N		C		0544	218	2.7	D
	YUNN	27	0537	0541	0554	N11	W33	3963	10	24.7	17	SN		C			16	.2	D
	LEAR	27	0537	0542	0613	N11	W30	3963	10	25.0	36	SN	3	C			76		F
	CULG	27	0548E	0551	0558	N10	W32	3963	10	24.8	10D	SF		P		0551	50	.6	
0444	ABST	27	0636	0641	0646	S07	W32	3955	10	24.9	10	SF		C		0641	87	1.1	D
0445	ABST	27	0656E	0711	0734D	S07	E08	3961	10	27.9	38D	SF		P		0711	175	1.9	D
0446	HTPR	27	0817	0819	0827	N10	E35	3966	10	30.0	10	SF		C		0819	20	.2	
0447		27	08184	08252	0845	N10	W05	3967	10	27.0	27	SN					48	.5	E
	HTPR	27	0818		0838D	N10	W05	3967	10	27.0	20D	SF		C		0828	60	.6	E
	BUCA	27	0820		0846	N11	W05	3967	10	27.0	26	SN		C		0825	53	.5	
	YUNN	27	0820	0825	0844	N10	W05	3967	10	27.0	24	SN		C			32	.3	E
	KANZ	27	0822	0827	0845	N10	W05	3967	10	27.0	23	SF	3						
0448		27	0845	0902	0910	S08	E11	3961	10	28.2	25	SN					16	.2	
	KANZ	27	0845	0902	0910	S07	E11	3961	10	28.2	25	SN	3						
	YUNN	27	0900E	0900U	0909	S08	E11	3961	10	28.2	9D	SN		P		0900	16	.2	
0449		27	09371	09373	0948	N11	E05	3960	10	27.8	11	SN					47	.4	
	YUNN	27	0930E	0930U	0950	N11	E04	3960	10	27.7	20D	SN		P		0930	32	.3	
	KANZ	27	0937	0937	0948	N11	E05	3960	10	27.8	11	SN	3						
	MONT	27	0937	0939	0944	N11	E05	3960	10	27.8	7	SF		C		0939	50		
	WEND	27	0938	0940	0948	N11	E05	3960	10	27.8	10	SN		C		0940	60	.6	
0450		27	0934*	0937*	0948	S08	E10	3961	10	28.1	14	SN							
	KANZ	27	0934	0937	0941	S09	E10	3961	10	28.1	7	SN	3						
	KANZ	27	0948	0948	0955	S07	E11	3961	10	28.2	7	SF	3						
0451	HTPR	27	1012E		1031	S09	E09	3961	10	28.1	19D	SF		C		1017	10	.1	
0452		27	10377	10467	1116	N10	E04	3960	10	27.7	39	SN					73	.8	E
	HTPR	27	1037		1101D	N10	E05	3960	10	27.8	24D	SB		C		1050	80	.8	E
	KANZ	27	1037	1050	1115	N10	E04	3960	10	27.7	38	SN	3						
	WEND	27	1038	1053	1118	N11	E04	3960	10	27.7	40	SN		C		1053	68	.7	
	MONT	27	1044	1046	1057D	N11	E05	3960	10	27.8	13D	SN		C		1046	70		
	KHAR	27	1053E	1053	1113D	N10	E02	3960	10	27.6	20D	SF		V		1053			
0453		27	10494	1053	1104	S08	E10	3961	10	28.2	15	SF					30	.3	
	HTPR	27	1049		1101D	S09	E09	3961	10	28.1	12D	SF		C		1052	30	.3	
	KANZ	27	1053	1053	1104	S08	E10	3961	10	28.2	11	SF	3						
0454		27	12301	12351	1244	S12	W38	3955	10	24.6	14	SN					22	.3	
	WEND	27	1230	1236	1246	S12	W40	3955	10	24.5	16	SN		C		1236	22	.3	
	KANZ	27	1231	1235	1243	S13	W36	3955	10	24.8	12	SF	3						
0455		27	1315*	13266	1352	N11	W00	3960	10	27.5	37	SF					67		
	RAMY	27	1315	1332	1410	N11	W00	3960	10	27.5	55	SF	3	C			67		
	KANZ	27	1326	1326	1334	N11	W01	3960	10	27.5	8	SF	3						
0456		27	14412	1441	1452D	N10	W10	3967	10	26.9	11D	SF					30	.3	E
	KANZ	27	1441	1441	1441D	N09	W11	3967	10	26.8	11D	SF	3						
	HTPR	27	1443		1452D	N10	W10	3967	10	26.9	9D	SF		C		1445	30	.3	E
0457	RAMY	27	1546	1547	1558	N10	W02	3960	10	27.5	12	SN	C 1.4	3	C		32		F
0458	RAMY	27	1617	1635	1736	N11	W01	3960	10	27.6	79	SN	C 7.5	3	C		120		EU
0459	RAMY	27	1632	1633	1649	S13	W38	3955	10	24.8	17	SN		3	C		62		
0460	RAMY	27	1828	1829	1834	N10	W01	3960	10	27.7	6	SF		3	C		29		
		27	1840		1854	No Flare Patrol													
0461	RAMY	27	1912	1912	1924	S09	W31	3955	10	25.5	12	SF		3	C		28		

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0462	RAMY	27	1927	1927	2004	N09	W12	3967	10	26.9	37	SF		3	C		26		
0463	RAMY	27	1951	1952	1958	S08	W31	3955	10	25.5	7	SF		3	C		52		
0464	RAMY	27	2002	2007	2024	N10	W39	3963	10	24.9	22	SN		3	C		93		
0465		27	20103	20201	2043	S06	E03	3961	10	28.1	33	SB					126	1.0	F
	RAMY	27	2010	2020	2024D	S06	E03	3961	10	28.1	14D	SN		3	C		151		F
	CULG	27	2013	2021	2043	S06	E03	3961	10	28.1	30	SB			C	2021	100	1.0	F
0466		27	20132	20181	2027	N10	W04	3960	10	27.5	14	1B	C 4.5				226	2.0	U
	RAMY	27	2013	2019	2024D	N11	W04	3960	10	27.5	11D	1N	C 4.5	3	C		251		U
	CULG	27	2015	2018	2027	N10	W05	3960	10	27.5	12	1B			C	2018	200	2.0	
0467	HOLL	27	2121	2123	2128	S09	W32	3955	10	25.5	7	SF		3	C		30		
0468		27	22291	22323	2254	N10	W04	3960	10	27.6	25	SB	C 1.5				114	1.0	F
	CULG	27	2229	2232	2246	N10	W05	3960	10	27.6	17	SB			C	2232	100	1.0	F
	HOLL	27	2230	2235	2303	N10	W04	3960	10	27.6	33	SN	C 1.5	3	C		127		
0469		27	2318*	2320*	2352	S06	E01	3961	10	28.0	34	SF	C 1.1				38		F
	HOLL	27	2318	2320	2345D	S07	W00	3961	10	28.0	27D	SF		3	C		40		
	LEAR	27	2330	2336	2352	S06	E02	3961	10	28.1	22	SF	C 1.1	3	C		35		F
0470		28	0015	00162	0050	S06	E00	3961	10	28.0	35	SN	C 2.1				78	.8	F
	LEAR	28	0015	0016	0108	S06	E01	3961	10	28.1	53	SN	C 2.1	3	C		76		F
	YUNN	28	0016E	0018	0031	S05	E00	3961	10	28.0	15D	SN			P		79	.8	
0471		28	0028	00292	0047	N10	W06	3960	10	27.6	19	1N	C 2.5				166	2.1	F
	LEAR	28	0028	0029	0049	N10	W06	3960	10	27.6	21	SN	C 2.5	3	C		124		F
	YUNN	28	0028	0031	0045	N10	W05	3960	10	27.6	17	1N			C		207	2.1	F
0472	CULG	28	0051E	0052U	0105	S07	E00	3961	10	28.0	14D	SN			P	0051	50	.5	
0473	LEAR	28	0130	0131	0206	S12	W34	3955	10	25.5	36	SF	C 1.1	3	C		26		F
0474	YUNN	28	0244	0251	0300	N14	W44	3963	10	24.8	16	SN			P		16	.2	
0475		28	0247*	0249*	0305	N11	W06	3960	10	27.7	18	SN	C 1.2				53	.6	F
	LEAR	28	0247	0249	0252	N13	W06	3960	10	27.7	5	SF		3	C		39		
	CULG	28	0247	0259	0313	N10	W08	3960	10	27.5	26	SB			C	0259	140	1.4	
	YUNN	28	0248E	0248U	0252	N10	W07	3960	10	27.6	4D	SN			P	0248	16	.2	
	LEAR	28	0255	0303	0314	N10	W04	3960	10	27.8	19	SF	C 1.2	3	C		55		F
	YUNN	28	0259	0302	0315	N11	W08	3960	10	27.5	16	SN			C		16	.2	
0476		28	03382	0347*	0428	N11	W40	3963	10	25.1	50	SN	C 2.8				90	1.0	EF
	LEAR	28	0338	0408	0414D	N10	W38	3963	10	25.3	36D	SF	C 2.8	3	C		126		F
	CULG	28	0339	0351	0423	N10	W40	3963	10	25.1	44	SN			C	0351	70	.9	
	YUNN	28	0340	0347	0437	N12	W41	3963	10	25.1	57	SB			C		48	.6	F
	PEKG	28	0350E	0355	0423	N13	W40	3963	10	25.1	33D	SN			P	0355	118	1.6	E
0477		28	03527	0355*	0424	S10	W36	3955	10	25.4	32	SN					83	1.0	EF
	CULG	28	0352	0405	0422	S11	W37	3955	10	25.4	30	SN			C	0405	90	1.2	
	PEKG	28	0355E	0355	0424	S09	W36	3955	10	25.5	29D	SF			P	0355	63	.8	E
	YUNN	28	0357	0409	0425	S10	W37	3955	10	25.4	28	SN			C		64	.9	E
	LEAR	28	0359	0409	0414D	S09	W35	3955	10	25.5	15D	SF		3	C		115		F
0478	YUNN	28	0534E	0534U	0548	S04	E02	3961	10	28.4	14D	SN			P	0534	16	.2	D
0479		28	07531	07533	0808	S14	W47	3955	10	24.8	15	SF	C 1.2				20	.3	E
	LEAR	28	0753	0753	0809	S14	W46	3955	10	24.8	16	SF	C 1.2	3	C		20		
	HTPR	28	0754	0756	0807	S14	W48	3955	10	24.7	13	SF			C	0756	20	.3	E
0480	HTPR	28	0922	0928	0941	S05	W01	3961	10	28.3	19	SN			C	0928	10	.1	
0481		28	10091	10101	1016	N09	W24	3967	10	26.6	7	SN					19	.2	
	WEND	28	1009	1010	1014	N10	W25	3967	10	26.5	5	SF			C	1010	18	.2	
	HTPR	28	1010	1011	1017	N08	W23	3967	10	26.7	7	SB			C	1011	20	.2	

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													Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0482		28	1018*	1040*	1102	S10	W41	3955	10 25.3	44	SF			53	.6	E
	HTPR	28	1018	1040	1044	S08	W41	3955	10 25.3	26	SF	C	1040	30	.4	E
	MONT	28	1048	1052	1101	S11	W42	3955	10 25.3	13	SN	C	1052	70		E
	HTPR	28	1049	1054	1120	S11	W41	3955	10 25.4	31	SF	C	1054	60	.8	E
0483		28	10273	10322	1107	S06	W04	3961	10 28.1	40	SN			123	1.3	E
	HTPR	28	1027	1034	1123	S07	W05	3961	10 28.1	56	SB	C	1034	140	1.4	E
	MONT	28	1029	1032	1043	S06	W04	3961	10 28.1	14	SN	C	1032	110		
	WEND	28	1030	1033	1115	S06	W04	3961	10 28.1	45	SN	C	1033	119	1.2	
0484	HTPR	28	1314	1322	1336	S10	W42	3955	10 25.4	22	SF	C	1322	60	.8	E
0485	HOLL	28	1405E	1405U	1405D	S11	W49	3955	10 24.9	22D	1B	3 C		380		E
0486	HOLL	28	1429	1444	1450	S10	W46	3955	10 25.1	21	SF C 1.9	3 C		42		
0487		28	14393	1444*	1517	N12	W51	3963	10 24.8	38	SN			50	.9	EF
	WEND	28	1439	1444	1501	N12	W50	3963	10 24.8	22	SN	C	1444	38	.6	
	HTPR	28	1439	1448	1536	N12	W51	3963	10 24.8	57	SN	C	1448	80	1.2	E
	HOLL	28	1439	1458	1500D	N12	W51	3963	10 24.8	21D	SN	3 C		48		
	RAMY	28	1442	1459	1515	N11	W52	3963	10 24.7	33	SN	3 C		32		FE
0488	HTPR	28	1447		1602D	N05	E21	3966	10 30.2	75D	SF	C	1454	50	.5	E
0489		28	15025	15047	1533	S10	W42	3955	10 25.5	31	SN			35	.4	EF
	RAMY	28	1502	1504	1521	S11	W42	3955	10 25.5	19	SN	3 C		40		FE
	HTPR	28	1507	1511	1545	S08	W43	3955	10 25.4	38	SN	C	1511	30	.4	E
0490	HTPR	28	1519	1522	1524	S06	W07	3961	10 28.1	5	SF	C	1522	20	.2	
0491		28	15561	1559	1605	N08	W26	3967	10 26.7	9	SN			52	.6	
	HTPR	28	1556		1602D	N09	W26	3967	10 26.7	6D	SN	C	1559	50	.6	
	RAMY	28	1557	1559	1605	N08	W27	3967	10 26.6	8	SN	3 C		54		
		28	1710		1902	No Flare Patrol										
0492	HOLL	28	1931	1937	1940	S10	W46	3955	10 25.3	9	SF	2 C		29		F
0493	HOLL	28	1947	1948	2016	S06	W11	3961	10 28.0	29	SN C 1.8	3 C		83		F
0494	HOLL	28	1948	2000	2015	S09	W49	3955	10 25.1	27	SF	3 C		72		F
0495	CULG	28	2216	2218	2222	N04	W58		10 24.6	6	SN	C	2218	50	1.0	
0496	LEAR	28	2355	2358	2413	S11	W47	3955	10 25.5	18	SF	3 C		31		
0497	LEAR	29	0038	0040	0050	S11	W52	3955	10 25.1	12	SF	3 C		37		
0498		29	0120	01244	0146	N11	W21	3960	10 27.5	26	1N C 2.6			327	3.8	FJ
	LEAR	29	0120	0124	0203	N10	W19	3960	10 27.6	43	1N C 2.6	3 C		266		F
	VORO	29	0120	0125	0137	N12	W22	3960	10 27.4	17	1F	C	0125	466	5.1	J
	CULG	29	0120	0128	0139	N11	W22	3960	10 27.4	19	1B	C	0128	250	2.6	
0499	LEAR	29	0522	0526	0537	N11	W56	3963	10 25.0	15	SF	3 C		19		
0500		29	0526	0531	0548	S10	W54	3955	10 25.2	22	SN C 1.3			70	.7	F
	LEAR	29	0526	0531	0559	S10	W53	3955	10 25.2	33	SN C 1.3	3 C		101		F
	CULG	29	0530E	0530U	0538	S11	W55	3955	10 25.1	8D	SN	P	0530	40	.7	
0501	LEAR	29	0543	0546	0613	N12	W57	3963	10 24.9	30	SF	3 C		20		
0502	HTPR	29	0729	0731	0735	N07	E12	3966	10 30.2	6	SF	C	0731	10	.1	
0503		29	08461	08492	0910	S09	W52	3955	10 25.5	24	SF C 1.0			90	1.7	F
	WEND	29	0846	0851	0908	S11	W54	3955	10 25.3	22	1F	C	0851	144	2.5	
	HTPR	29	0846	0851	0916	S08	W52	3955	10 25.5	30	SF	C	0851	60	.9	
	LEAR	29	0847	0849	0907	S08	W51	3955	10 25.5	20	SF C 1.0	3 C		65		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)	
0504		29	09431	0947	1006	N13	W58	3959	10	25.0	23	SF					72	1.3	E
	HTPR	29	0943	0947	1009	N13	W54	3959	10	25.3	26	SN			C	0947	70	1.0	E
	WEND	29	0944	0947	1004	N12	W61	3963	10	24.8	20	SF			C	0947	75	1.6	E
	KHAR	29	0955E		1000D	N13	W59	3963	10	25.0	5D	SF			V	0955			E
0505	KHAR	29	1029E		1036D	N16	E05		10	29.8	7D	SF			V	1030			DL
0506	HTPR	29	1219	1224	1234	N11	W29	3960	10	27.3	15	SF			C	1224	40	.4	E
0507	HTPR	29	1250	1306	1316	N13	W28	3960	10	27.4	26	SF			C	1306	120	1.3	E
0508	HTPR	29	1317	1318	1327	N12	W60	3963	10	25.0	10	SN			C	1318	80	1.6	E
0509		29	1345	1405U	1511	N13	W29	3960	10	27.4	86	1B	C 5.7				360	4.2	EIU
	HTPR	29	1345		1600D	N13	W29	3960	10	27.4	135D	1B			C	1412	380	4.4	EIU
	WEND	29	1401E		1422D	N13	W31	3960	10	27.2	21D	1N			C	1403	319	3.9	
	HOLL	29	1405E	1405U	1511	N13	W28	3960	10	27.5	66D	1B	C 5.7	3	C		380		E
0510		29	16051	16082	1650	N14	W58	3963	10	25.3	45	1B	C 2.4				148		EF
	RAMY	29	1605	1610	1653	N13	W58	3963	10	25.3	48	1B	C 2.4	3	C		144		FE
	HOLL	29	1606	1608	1648	N14	W59	3963	10	25.2	42	1B		3	C		153		E
0511	RAMY	29	1607	1611	1623	N15	W51	3959	10	25.8	16	SN		3	C		41		
0512		29	16133	16592	1800	N11	W26	3960	10	27.7	107	1N	C 4.7				174		F
	HOLL	29	1613	1659	1826	N11	W26	3960	10	27.7	133	1N	C 4.7	3	C		221		F
	RAMY	29	1616	1701	1735	N11	W25	3960	10	27.8	79	SN		3	C		126		
0513	HOLL	29	1655	1655	1722	S10	W58	3955	10	25.3	27	SF		3	C		22		
0514	HOLL	29	1738	1739	1800	S11	W61	3955	10	25.1	22	SF		3	C		17		
0515	HOLL	29	1742	1743	1749	N08	W38	3967	10	26.9	7	SF		3	C		26		
0516	RAMY	29	1750	1750	1754	S06	W16	3961	10	28.5	4	SN		3	C		39		F
0517	HOLL	29	2042E	2108U	2124	N06	E03	3966	10	30.1	42D	SN		3	C		59		F
0518	HOLL	29	2052	2054	2100	S05	W17	3961	10	28.6	8	SN		3	C		53		
0519	HOLL	29	2059	2101	2107	N12	W66	3963	10	24.9	8	SN		3	C		42		
0520	HOLL	29	2130	2136	2200	S07	W27	3961	10	27.9	30	SF		3	C		37		
0521	HOLL	29	2132	2132	2142	S10	W63	3955	10	25.2	10	SF		3	C		15		
0522	HOLL	29	2149	2149	2201	N12	W67	3963	10	24.9	12	SF		3	C		12		
0523	HOLL	29	2216	2224	2251	S10	W63	3955	10	25.2	35	SN	C 2.7	3	C		79		F
		29	2341		2350	No Flare Patrol													
		30	0036		0039	No Flare Patrol													
		30	0127		0145	No Flare Patrol													
0524	LEAR	30	0453	0454	0516	S10	W66	3955	10	25.2	23	SF		3	C		18		
0525	LEAR	30	0729	0731	0740	N05	W05	3966	10	29.9	11	SF		3	C		36		
0526		30	08028	0805	0811	S24	E75	3971	11	5.1	9	SN					42		D
	WEND	30	0802	0805	0809	S25	E75	3971	11	5.1	7	SF			C	0805	31		
	BUCA	30	0810		0813	S22	E75	3971	11	5.1	3	SN			P	0811	53		D
0527		30	08112	0812	0818	N07	W02	3966	10	30.2	7	SB					41	.5	DF
	LEAR	30	0811	0812	0817	N06	W02	3966	10	30.2	6	SN		3	C		29		F
	BUCA	30	0813		0820	N08	W01	3966	10	30.3	7	SB			C	0815	53	.5	D
0528	WEND	30	0955	1001	1006	S25	E74	3971	11	5.1	11	SF			C	1001	44		

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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)	
0529	HTPR	30	1100	1100	1112	N06	W06	3966	10	30.0	12	SF			C	1100	30	.3	
0530		30	11572	12103	1236	N06	W05	3966	10	30.1	39	SF					122	1.2	E
	WEND	30	1157	1213	1259	N07	W04	3966	10	30.2	62	SF			C	1259	63	.7	
	HTPR	30	1159	1210	1214	N06	W06	3966	10	30.0	15	SF			C	1210	180	1.8	E
0531		30	15317	1539	1553	S04	W30	3961	10	28.4	22	SF					46		H
	HOLL	30	1531	1539	1547	S04	W31	3961	10	28.3	16	SF		3	C		53		H
	RAMY	30	1538	1539	1559	S04	W30	3961	10	28.4	21	SF		3	C		40		
0532	HOLL	30	1731	1732	1741	N06	W07	3966	10	30.2	10	SN C	1.3	3	C		32		F
0533	HOLL	30	1836	1841	1858	N06	W07	3966	10	30.2	22	SN C	1.3	3	C		74		F
0534	HOLL	30	1915	1917	1949	N11	W78	3963	10	24.9	34	1N C	2.4	3	C				
0535	HOLL	30	1931	1936	2019	N08	W51	3967	10	27.0	48	1B C	2.9	3	C		235		EF
0536	HOLL	30	2136	2155	2229	N07	W12	3966	10	30.0	53	SF		3	C		150		F
0537	LEAR	31	0225	0228	0236	N14	W68	3959	10	26.0	11	SF		3	C		37		
0538	LEAR	31	0521	0523	0525	S07	W41	3961	10	28.1	4	SF C	1.1	3	C		17		F
0539	KANZ	31	0831	0831	0835	S05	W41	3961	10	28.3	4	SF		3					
0540	KANZ	31	0914	0914	0930	N08	W59	3960	10	27.0	16	SN		3					
0541	KANZ	31	1117	1120	1131	S12	W86	3955	10	25.0	14	SF		2					
0542	KANZ	31	1135	1138	1150	N11	W54	3960	10	27.4	15	SF		2					
0543	KANZ	31	1314	1314	1322	N21	E88	3970	11	7.3	8	SN		2					
		31	1624		1632	No Flare Patrol													
		31	1749		1857	No Flare Patrol													
		31	1902		1913	No Flare Patrol													
		31	2012		2033	No Flare Patrol													
0544		31	2211	2213	2238	N05	W26	3966	10	30.0	27	SB C	2.4				106	.9	F
	HOLL	31	2209E	2213	2255	N05	W25	3966	10	30.0	46D	SB C	2.4	3	C		133		F
	CULG	31	2211	2213	2220	N05	W28	3966	10	29.8	9	SB C	2.4		C	2213	80	.9	
0545	VORO	31	2301E		2334	S18	W90		10	25.1	33D	SF			C	2314	206		DJ

"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.

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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)	
0001	CULG	01	0014	0018	0023	N21	E74	3970	11	6.7	9	SF			C	0018	60		
0002		01	00462	00472	0052	N08	W67	3960	10	27.1	6	SN					33	1.3	
	CULG	01	0046	0047	0051	N07	W67	3960	10	27.1	5	SN			C	0047	50	1.3	
	LEAR	01	0048	0049	0053	N08	W67	3960	10	27.1	5	SF		3	C		16		
0003		01	01232	01261	0132	N04	W24	3966	10	30.4	9	SN					70	.8	
	CULG	01	0123	0127	0132	N03	W26	3966	10	30.2	9	SN			C	0127	90	1.0	
	MANI	01	0125	0126	0135D	N05	W23	3966	10	30.4	10D	SF		1	V		50	.6	
0004		01	04327	04346	0449	N04	W29	3966	10	30.1	17	SN					54	.5	DF
	PEKG	01	0432	0434	0449	N05	W27	3966	10	30.3	17	SF			C	0434	42	.5	D
	LEAR	01	0432	0440	0459	N04	W26	3966	10	30.3	27	SN		3	C		81		F
	CULG	01	0438	0440	0444	N04	W31	3966	10	30.0	6	SN			C	0440	50	.6	
	PEKG	01	0439	0440	0443	N05	W32	3966	10	29.9	4	SN			C	0440	42	.5	D
0005	CULG	01	0602	0602	0607	N03	W28	3966	10	30.2	5	SN			C	0602	90	1.0	
0006	KAND	01	0715E	0720	0731	N03	W28	3966	10	30.3	16D	SF			C				
0007	KAND	01	0715E	0722	0737	S02	W60	3961	10	27.9	22D	SN			C				E
0008		01	1154*	1158*	1306	N06	W30	3966	10	30.3	72	SN	C 1.5				92		L
	RAMY	01	1154	1158	1303	N06	W27	3966	10	30.6	69	SN	C 1.5	3	C		92		
	KANZ	01	1242	1242	1309	N05	W32	3966	10	30.2	27	SF		2					L
0009		01	12292	12361	1243	N22	E74	3970	11	7.2	14	SN					64		
	RAMY	01	1229	1236	1243	N22	E73	3970	11	7.1	14	SF		3	C				
	ATHN	01	1231	1237	1243	N21	E76	3970	11	7.3	12	SN		3	V	1237	64		
0010	KANZ	01	1257	1309	1321	N24	W75	3970	10	26.8	24	SN		2					
0011	RAMY	01	1621	1626	1632	S09	W64	3961	10	28.0	11	SN		3	C		18		
0012	RAMY	01	1624	1627	1637	N23	E70	3970	11	7.1	13	SF		3	C		53		
0013		01	1831*	1850	1909	S09	W66	3961	10	27.9	38	SB	C 2.4				106		EF
	HOLL	01	1831	1850	1910	S08	W66	3961	10	27.9	39	SN	C 2.4	3	C		128		F
	RAMY	01	1844	1850	1908	S10	W65	3961	10	28.0	24	SB		3	C		84		FE
0014	HOLL	01	1918	1939	1953	S08	W67	3961	10	27.9	35	SF		3	C		25		
0015	RAMY	01	1925	1925	1939	N05	W33	3966	10	30.4	14	SF		3	C		20		F
0016		01	20061	20101	2050	N05	W33	3966	10	30.5	44	SB	C 3.5				168		EF
	HOLL	01	2006	2011	2050	N06	W33	3966	10	30.5	44	1B	C 3.5	3	C		211		FE
	RAMY	01	2007	2010	2010D	N04	W33	3966	10	30.5	3D	SB		3	C		156		FE
	PALE	01	2013E	2015U	2029D	N05	W32	3966	10	30.5	16D	SN		3	C		137		F
0017	HOLL	01	2006	2012	2029	S08	W69	3961	10	27.8	23	SN		3	C		25		F
0018	HOLL	01	2035	2052	2102	S06	W59	3961	10	28.5	27	SN		3	C		31		
0019	HOLL	01	2056	2058	2114	N19	E63	3970	11	6.7	18	SN		3	C		34		
0020		01	2215*	2234*	2310	S25	E40	3971	11	5.0	55	1F					148	3.0	
	CULG	01	2215	2234	2310	S23	E40	3971	11	5.0	55	1F			C	2234	200	3.0	
	HOLL	01	2242	2258	2310	S27	E39	3971	11	5.0	28	SF		3	C		95		
0021	CULG	01	2253	2254	2258	N25	E69	3973	11	7.3	5	SN			C	2254	40	1.2	
0022	HOLL	01	2259	2300	2306	S07	W69	3961	10	27.9	7	SF		3	C		15		F
0023	HOLL	01	2306	2308	2317	N06	W41	3966	10	30.0	11	SF		3	C		32		F
0024		01	23441	23461	2357	N06	W42	3966	10	29.9	13	SN					36	.4	F
	LEAR	01	2344	2347	2358	N06	W41	3966	10	30.0	14	SN		3	C		41		F
	MANI	01	2345	2346	2356	N06	W42	3966	10	29.9	11	SN		1	V		30	.4	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)	
0025		01	2352*	23559	2405	S09	W69	3961	10	27.9	13	SN					22	.5	EF
	LEAR	01	2352	2357	2402	S09	W69	3961	10	27.9	10	SB		3	C		20		FE
	HOLL	01	2353	2355	2403D	S09	W69	3961	10	27.9	10D	SN		1	C		32		
	MANI	01	2353E	2356	2403	S08	W68	3961	10	28.0	10D	SN		1	V		25	.5	FE
	LEAR	02	0004	0004	0009	S09	W70	3961	10	27.8	5	SF		3	C		11		F
0026		02	00111	00132	0030	N05	W42	3966	10	30.0	19	SB	C 3.7				110	1.4	CDEFJ
	PEKG	02	0011	0013	0026	N07	W42	3966	10	30.0	15	SN			C	0013	50	.7	D
	CULG	02	0011	0015	0024	N04	W42	3966	10	30.0	13	1B			C	0015	170	2.4	
	VORO	02	0012	0014	0028	N06	W42	3966	10	30.0	16	SN			C	0014	90	1.2	CDJ
	LEAR	02	0012	0014	0041	N05	W41	3966	10	30.0	29	SB	C 3.7	3	C		132		FE
	MANI	02	0013E	0014	0025D	N05	W42	3966	10	30.0	12D	SB		1	V		110	1.5	FE
0027	CULG	02	0131	0134	0137	N24	E66	3973	11	7.2	6	SN			C	0134	30	.8	
0028		02	01582	0203*	0232	N05	W42	3966	10	30.0	34	SN	C 3.2				83	1.0	CDEFJ
	CULG	02	0158	0203	0207	N04	W43	3966	10	30.0	9	1N			C	0203	150	2.1	
	VORO	02	0158	0203	0218	N06	W42	3966	10	30.0	20	SN			C	0203	99	1.3	CDJ
	LEAR	02	0159	0203	0240	N05	W41	3966	10	30.1	41	SB	C 3.2	3	C		136		FE
	PURP	02	0200	0203	0310	N04	W41	3966	10	30.1	70	SB			C	0203	40	.5	
	PEKG	02	0212E	0212	0219	N06	W43	3966	10	30.0	7D	SF			P	0212	29	.4	D
	PEKG	02	0224E	0229	0239	N06	W43	3966	10	30.0	15D	SF			P	0229	42	.6	D
0029	CULG	02	0218	0219	0226	S20	W52	3961A	10	29.2	8	SN			C	0219	30	.6	
0030	PEKG	02	0229E	0229	0229D	S08	W73	3961	10	27.7	8D	SF			P	0229	21		
0031	VORO	02	0244	0245	0246	S09	W60	3961	10	28.7	2	SF			C	0245	54	1.2	CDJ
0032	LEAR	02	0438	0441	0453	N05	W43	3966	10	30.1	15	SF		3	C		21		F
0033		02	05211	0524	0543	N04	W44	3966	10	30.0	22	SN	C 2.2				67	1.2	F
	CULG	02	0521	0524	0531	N04	W45	3966	10	29.9	10	SN			C	0524	80	1.2	
	LEAR	02	0522	0524	0555	N05	W44	3966	10	30.0	33	SN	C 2.2	3	C		54		F
0034		02	06341	06391	0647	S06	W77	3961	10	27.6	13	1B					116		E
	CULG	02	0634	0639	0647	S09	W74	3961	10	27.8	13	1B			C	0639	100		
	ABST	02	0635	0640	0647	S04	W80	3961	10	27.4	12	1N			C	0640	131		E
0035	ABST	02	0714	0718	0736	N11	E74	3972	11	7.9	22	1F			C	0718	87		D
0036		02	0735	07353	0745	N23	E61	3970	11	7.0	10	SN					60	1.3	D
	BUCA	02	0735		0745	N21	E63	3970	11	7.1	10	SN			P	0740	54	1.2	D
	KANZ	02	0735	0735	0746	N22	E60	3970	11	6.9	11	SN		3					
	CULG	02	0735	0736	0743	N26	E62	3970	11	7.1	8	SN			C	0736	40	.9	
	ABST	02	0735	0738	0745	N22	E60	3970	11	6.9	10	SN			C	0738	87	1.9	D
0037		02	09103	09152	0923	N06	W40	3966	10	30.5	13	SN					140	1.8	
	KANZ	02	0910	0915	0922	N06	W39	3966	10	30.6	12	SN		3					
	MONT	02	0910	0915	0924	N06	W41	3966	10	30.4	14	SN			C	0915	150		
	WEND	02	0913	0917	0924	N05	W40	3966	10	30.5	11	SN			C	0917	131	1.8	
0038	KANZ	02	1219	1219	1227	N05	W42	3966	10	30.5	8	SF		3					
0039	KANZ	02	1307	1312	1330	S10	W80	3961	10	27.6	23	SN							
0040	KANZ	02	1326	1330	1342	N05	W43	3966	10	30.4	16	SF							
0041		02	13381	13424	1350	S19	W60	3961A	10	29.1	12	SF					56	1.3	GL
	KANZ	02	1338	1342	1350	S19	W59	3961A	10	29.2	12	SF		3					GL
	WEND	02	1339	1346	1350	S19	W62	3961A	10	28.9	11	SF			C	1346	56	1.3	G
0042	KANZ	02	1409	1413	1424	N07	E77	3974	11	8.3	15	SF							
0043	RAMY	02	1458	1500	1503	N21	E56	3970	11	6.9	5	SN		3	C		37		
0044	RAMY	02	1458E	1505	1530	N05	W49	3966	10	30.0	32D	SF		3	C		79		

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0045		02	1620*	1631	1704	S10	W86	3961	10	27.3	44	1N	C 5.3						
	RAMY	02	1620	1631	1704	S11	W89	3961	10	27.1	44	1N	C 5.3	3	C				
	HOLL	02	1630	1631	1646D	S10	W84	3961	10	27.5	16D	SN		3	C				
0046		02	1727	1728	1740	N04	W46	3966	10	30.4	13	SF	C 5.3				28		F
	HOLL	02	1727	1728	1743	N04	W46	3966	10	30.4	16	SF	C 5.3	2	C		27		F
	RAMY	02	1727	1729	1736	N03	W46	3966	10	30.4	9	SF		3	C		28		
0047	RAMY	02	1732	1737	1800	S10	W78	3961	10	28.0	28	SN	C 3.5	3	C				
0048	RAMY	02	1745	1747	1802	N05	W45	3966	10	30.5	17	SN		3	C		46		
0049	PALE	02	1818	1822	1841	N05	W43	3966	10	30.6	23	SN		3	C		21		F
0050		02	1919	1920	1928	N05	W51	3966	10	30.1	9	SF					38		F
	PALE	02	1919	1920	1924	N05	W50	3966	10	30.2	5	SF		3	C		29		
	RAMY	02	1919	1920	1933	N05	W52	3966	10	30.0	14	SF		3	C		46		F
0051	RAMY	02	1922	1937	1955	S09	W78	3961	10	28.0	33	SF		3	C				
0052	CULG	02	2244	2246	2251	S13	W44	3969	10	30.7	7	SN			C	2246	70	1.0	
0053	CULG	03	0048	0049U	0051	N02	W54	3966	10	30.1	3	SN			P	0049	40	.7	
0054	LEAR	03	0250	0252	0301	N06	W55	3966	10	30.1	11	SF	C 1.8	3	C		21		F
0055	CULG	03	0309	0311	0318	N13	E55	3972	11	7.3	9	SN			C	0311	30	.5	F
0056		03	03402	03432	0346	S08	W84	3961	10	27.9	6	SF					34		DF
	PEKG	03	0340	0345	0347	S07	W88	3961	10	27.7	7	SF			C	0345	34		D
	LEAR	03	0342	0343	0346	S08	W81	3961	10	28.2	4	SF		3	C				F
0057		03	0350	03506	0406	N05	W51	3966	10	30.4	16	SN	C 4.4				49	1.0	EFJ
	LEAR	03	0350	0350	0418	N06	W49	3966	10	30.6	28	SN	C 4.4	3	C		32		F
	CULG	03	0350	0352	0354	N03	W51	3966	10	30.4	4	SN			C	0352	30	.5	JF
	PEKG	03	0350	0356	0420D	N06	W52	3966	10	30.4	30D	SF			P	0356	84	1.4	E
0058		03	0511	0512*	0544	N06	W50	3966	10	30.6	33	SF					38		FK
	LEAR	03	0511	0512	0544	N06	W50	3966	10	30.6	33	SF		3	C		28		K
	LEAR	03	0511	0533	0544	N06	W50	3966	10	30.6	33	SF		3	C		47		FK
0059	PEKG	03	0602	0607	0614	N07	W52	3966	10	30.4	12	SN			C	0607	80	1.4	E
0060		03	06023	06052	0624	S06	W87	3961	10	27.8	22	SN	C 2.0				34		D
	PEKG	03	0602	0607	0627	S05	W90	3961	10	27.6	25	SN			C	0607	34		D
	LEAR	03	0605	0605	0622	S08	W84	3961	10	28.0	17	SN	C 2.0	3	C				
0061		03	07314	07343	0748	N04	W51	3966	10	30.6	17	SN	C 2.7				130	2.0	EF
	ABST	03	0730E	0734	0735D	N06	W50	3966	10	30.7	5D	IN			P	0734	174	2.8	E
	KANZ	03	0731	0735	0753	N04	W52	3966	10	30.5	22	SN		3					
	LEAR	03	0735	0736	0748	N05	W51	3966	10	30.6	13	SN	C 2.7	3	C		137		F
	CULG	03	0735	0737	0742	N03	W52	3966	10	30.5	7	SN			C	0737	80	1.3	
0062	KANZ	03	0925	0933	0945	N12	W83	3960	10	28.2	20	SN		3					
0063	KANZ	03	1246	1246	1254	N06	E59	3974	11	7.9	8	SF		3					
0064	HOLL	03	1529	1531	1534	N05	E58	3974	11	8.0	5	SF		3	C		18		
0065	HOLL	03	1530	1531	1538	N05	W57	3966	10	30.5	8	SF		3	C		16		
0066	HOLL	03	1552	1558	1610	N04	E58	3974	11	8.0	18	SN		3	C		42		F
0067	HOLL	03	1601	1607	1612	N05	W57	3966	10	30.5	11	SF		3	C		30		
0068		03	1640	1641	1652	N06	E56	3974	11	7.9	12	SN					32		F
	RAMY	03	1640	1641	1647	N07	E55	3974	11	7.8	7	SN		3	C		43		
	HOLL	03	1645E	1648U	1657	N04	E57	3974	11	7.9	12D	SF		3	C		22		F

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0069	HOLL	03	1733	1735	1742	N04	E57	3974	11	8.0	9	SF		3	C		36		F
0070	HOLL	03	1813	1813	1822	N04	E57	3974	11	8.0	9	SF		3	C		17		F
0071	HOLL	03	2140	2207	2209	N05	W61	3966	10	30.4	29	SF		3	C		13		
0072	LEAR	04	0123	0123	0132	S10	W60	3969	10	30.6	9	SF		3	C		22		H
0073	CULG	04	0241	0244	0248	N08	E56	3974	11	8.3	7	SN			C	0244	40	.8	
0074	CULG	04	0516	0517	0521	S14	W64	3969	10	30.5	5	SN			C	0517	20	.5	J
0075	CULG	04	0543	0545	0551	S14	W64	3969	10	30.5	8	SN			C	0545	50	1.2	J
0076		04	0635E	07376	0750	S11	W64	3969	10	30.5	75D	1N					174		DT
	ISTA	04	0635E		0730	S11	W60	3969	10	30.9	55D	1N							
	KAND	04	0721E	0743	0754	S11	W68	3969	10	30.3	33D	SN			C				T
	ABST	04	0729E	0739	0800D	S11	W64	3969	10	30.6	31D	1N			P	0739	174		D
	KANZ	04	0737E	0737	0805	S11	W65	3969	10	30.5	28D	SN		2					
0077	ABST	04	0729E	0729	0800D	S09	W25	3975	11	2.4	31D	SF			P	0729	87	1.3	D
0078	ABST	04	0729E	0731	0800D	N13	E85	3976	11	10.7	31D	1F			P	0731	79		AD
0079	ABST	04	0729E	0731	0747	N03	W69	3966	10	30.2	18D	1N			P	0731	174		E
0080	KANZ	04	0843	0847	0859	S11	W65	3969	10	30.6	16	SF		3					
0081	KANZ	04	1026	1034	1050	N13	E85	3976	11	10.8	24	SF		3					
0082	KANZ	04	1328	1328	1340	N05	E46	3974	11	8.0	12	SF		3					
0083		04	1400	1437	1548	S11	W64	3969	10	30.9	108	1N	C 4.8				152		FZ
	KANZ	04	1400		1425D	S11	W65	3969	10	30.8	25D	SF		2					
	HOLL	04	1410E	1437	1548	S11	W63	3969	10	30.9	98D	1B	C 4.8	3	C		152		ZF
0084		04	1602	16241	1640	S10	W69	3969	10	30.6	38	SN					22		FK
	HOLL	04	1602	1624	1640	S10	W69	3969	10	30.6	38	SF		3	C		19		K
	HOLL	04	1602	1625	1640	S10	W69	3969	10	30.6	38	SN		3	C		26		FK
		04	1612		1617	No Flare Patrol													
0085	HOLL	04	1653	1653	1700	S10	W69	3969	10	30.6	7	SF		3	C		11		
		04	1734		1827	No Flare Patrol													
0086	HOLL	04	1917	1919	1930	N06	W73	3966	10	30.4	13	SF		3	C				
0087	HOLL	04	2012	2012	2020	S10	W71	3969	10	30.6	8	SF		3	C		14		F
0088	HOLL	04	2043	2050	2051	S10	W71	3969	10	30.6	8	SF		3	C				
0089		04	20502	20521	2106	N06	E42	3974	11	8.0	16	SF					18		F
	HOLL	04	2050	2053	2107	N04	E42	3974	11	8.0	17	SF		3	C		18		F
	PALE	04	2052	2052	2104	N07	E42	3974	11	8.0	12	SF		3	C		19		
0090		04	2114	21161	2125	S12	W72	3969	10	30.6	11	SN	C 1.7				20		FJ
	HOLL	04	2114	2116	2128	S10	W72	3969	10	30.6	14	SN	C 1.7	3	C				F
	CULG	04	2114	2117	2122	S15	W72	3969	10	30.5	8	SN			C	2117	20		J
0091	HOLL	04	2149	2151	2159	S10	W73	3969	10	30.5	10	SN		3	C				F
0092	HOLL	04	2218	2221	2225	S09	W72	3969	10	30.6	7	SF		3	C				
0093	HOLL	04	2313	2322	2341	S10	W73	3969	10	30.6	28	SF		3	C				
		05	1131		1249	No Flare Patrol													
0094		05	19441	19461	2000	N04	E34	3974	11	8.4	16	SN	C 1.0				97		F
	HOLL	05	1944	1947	2000	N04	E34	3974	11	8.4	16	SN	C 1.0	3	C		110		
	PALE	05	1945	1946	2000	N05	E34	3974	11	8.4	15	SN		3	C		84		F

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0095		06	00241	0025	0028	N11	E58	3976	11	10.4	4	SN					44		
	LEAR	06	0024	0025	0028	N10	E59	3976	11	10.4	4	SF		3	C		44		
	PALE	06	0025	0025	0028	N12	E58	3976	11	10.4	3	SN		3	C		43		
0096	PALE	06	0058	0059	0110	N13	E50	3979	11	9.8	12	SF		3	C		20		
0097	LEAR	06	0145	0152	0207	N11	E51	3979	11	9.9	22	SF		3	C		24		
0098	LEAR	06	0326	0326	0332	N11	E49	3979	11	9.8	6	SF		3	C		18		
0099		06	0819	0820*	0835	N24	E20	3981	11	7.9	16	SF					76	1.3	F
	LEAR	06	0819	0820	0835	N24	E20	3981	11	7.9	16	SF		3	C		40		F
	CATA	06	0825E	0830	0840D	N25	E20	3981	11	7.9	15D	S		2	P	0830	112	1.3	
0100		06	09305	09351	0957	N26	E18	3981	11	7.8	27	SF					95	1.6	H
	MONT	06	0930	0936	0949	N26	E19	3981	11	7.9	19	SF			C	0936	50		H
	CATA	06	0935	0935	1005	N26	E18	3981	11	7.8	30	S		2	C	0935	140	1.6	
0101	HOLL	06	1508	1519	1536	N23	E13	3973	11	7.6	28	SF		3	C		33		
0102	HOLL	06	1533	1537	1553	N09	E40	3979	11	9.6	20	SF		3	C		42		
0103	HOLL	06	1631	1633	1636	N10	E40	3979	11	9.7	5	SF		3	C		29		
0104	HOLL	06	1647	1647	1652	N10	E40	3979	11	9.7	5	SF		3	C		24		
0105	HOLL	06	1745	1746	1750	N08	E40	3979	11	9.7	5	SF		3	C		41		
		06	1912		1920			No Flare Patrol											
		06	1936		1940			No Flare Patrol											
		06	2125		2130			No Flare Patrol											
0106	PALE	07	0003	0004	0010	N12	E50	3976	11	10.8	7	SF		3	C		23		
0107	CULG	07	0233	0234	0237	S07	E12	3977	11	8.0	4	SF			C	0234	30	.3	
0108	LEAR	07	0311	0314	0335	N11	E49	3976	11	10.8	24	SF		3	C		33		
		07	0852		0955			No Flare Patrol											
0109	KANZ	07	1047	1051	1103	N10	E31	3979	11	9.8	16	SF		1					E
		07	1607		1628			No Flare Patrol											
		07	1701		1719			No Flare Patrol											
0110	RAMY	07	1831	1832	1839	S11	W08	3983	11	7.2	8	SF		3	C		25		
		07	2037		2046			No Flare Patrol											
		07	2201		2211			No Flare Patrol											
0111		08	05453	05504	0629	N13	W08	3972	11	7.6	44	SF C 2.1					136	1.4	EFI
	CULG	08	0545	0550	0605D	N13	W09	3972	11	7.6	20D	SF			P	0550	150	1.5	FI
	LEAR	08	0545	0550	0632	N13	W08	3972	11	7.6	47	SN C 2.1	3	C		128			F
	PEKG	08	0548	0554	0626	N13	W08	3972	11	7.6	38	SF			P	0554	130	1.4	E
		08	0935		1027			No Flare Patrol											
0112		08	12047	1218	1238	S11	E90	3987	11	15.3	34	1B					200		H
	LVOV	08	1204	1218	1241	S11	E90	3987	11	15.3	37	1N			C	1218	200		H
	RAMY	08	1211	1218	1236	S11	E89	3987	11	15.2	25	SB		3	C				
0113	RAMY	08	1305	1308	1315	S10	E81	3990	11	14.6	10	SF		3	C				
0114	RAMY	08	1306	1312	1320	N08	E11	3979	11	9.4	14	SF		3	C		22		
		08	1502		1902			No Flare Patrol											
0115	HOLL	08	1721E	1721U	1746	S13	E72	3984	11	14.1	25D	SF		3	C				

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																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0116		08	20481	20522	2108	N14	E22	3976	11	10.5	20	SN					118	1.3	F
	CULG	08	2048	2054	2106	N14	E22	3976	11	10.5	18	SN			C	2054	120	1.3	F
	PALE	08	2049	2052	2109	N13	E22	3976	11	10.5	20	SF		3	C		115		F
0117	HOLL	08	2222	2227	2255	S09	E82	3987	11	15.1	33	SF		3	C				
0118	CULG	09	0258	0300U	0310	S11	E85	3987	11	15.5	12	SN			P	0300	20		
0119	ABST	09	0751	0756	0815	S13	E80	3987	11	15.4	24	1N			C	0756	174		EK
0120	ABST	09	0831	0835	0841D	S13	E80	3987	11	15.4	10D	1N			C	0835	174		E
0121	KHAR	09	0936E	0939	0957D	S12	E83	3987	11	15.6	21D	SF			P	0939			H
0122	KHAR	09	1118E		1140D	S13	E67	3995	11	14.5	22D	SF			V	1118			D
		09	1401		1713	No Flare Patrol													
0123	RAMY	09	1726E	1733U	1752	S12	E72	3987	11	15.1	26D	SN		3	C				
0124	PALE	09	2017	2028	2037	S11	E71	3987	11	15.2	20	SF	C 2.0	3	C				
0125	PURP	10	0140	0144	0207	S13	E64	3987	11	14.9	27	SN			C	0144	33		
0126	PURP	10	0219	0233	0305	S12	E71	3987	11	15.4	46	1F			C	0233	79		
0127		10	0359	0405*	0432	S11	E68	3987	11	15.3	33	SN	C 3.9				36		
	LEAR	10	0359	0405	0428	S11	E67	3987	11	15.2	29	SN	C 3.9	3	C		38		
	PURP	10	0417E	0417	0437	S11	E70	3987	11	15.4	20D	SN			P	0417	33		
0128	ABST	10	0534	0535	0541	S10	E60	3990	11	14.7	7	1F			C	0535	87	2.1	D
0129		10	05593	06025	0607	S13	E62	3987	11	14.9	8	SN	C 2.5				54	1.5	DJK
	ABST	10	0559	0602	0607	S14	E60	3987	11	14.8	8	1N			C	0602	87	2.1	DK
	CULG	10	0601	0603	0606	S11	E63	3987	11	15.0	5	SN			C	0603	60	1.5	J
	LEAR	10	0602	0602	0607	S13	E63	3987	11	15.0	5	SN	C 2.5	3	C		34		
	PURP	10	0607E	0607	0607D	S14	E63	3987	11	15.0	5D	SF			P	0607	33	.8	
0130		10	0901	09169	0936	S11	E61	3987	11	15.0	35	SN	C 4.3				114	4.0	F
	LEAR	10	0901	0918	0929D	S11	E61	3987	11	15.0	28D	SN	C 4.3	3	C		86		F
	ATHN	10	0913E	0916	0935	S11	E62	3987	11	15.0	22D	1N		2	V	0916	175	4.0	
	MONT	10	0925E	0925	0937	S11	E60	3987	11	14.9	12D	SN			C	0925	80		
		10	1401		1548	No Flare Patrol													
0131	RAMY	10	1543	1555	1630	S10	E59	3987	11	15.1	47	SN		3	C		102		
0132		10	17465	1804	1906	S12	E58	3987	11	15.1	80	2B	M 2.1				396		EF
	RAMY	10	1746	1804	1905	S13	E62	3987	11	15.4	79	2B		3	C		326		
	PALE	10	1751	1804U	1906	S11	E55	3987	11	14.9	75	2B	M 2.1	3	C		465		FE
0133		10	17582	1806	1858	S06	E50	3990	11	14.5	60	SB					102		
	PALE	10	1758	1803U	1858	S05	E48	3990	11	14.3	60	SN		3	C		130		
	RAMY	10	1800	1806	1830D	S07	E53	3990	11	14.7	30D	SB		3	C		75		
0134	PALE	10	1924	1925	1930	N21	W38	3981	11	7.9	6	SF		3	C		17		
0135	PALE	10	1924	1924	1930	S11	E62	3987	11	15.5	6	SF		3	C		13		
		10	1957		2002	No Flare Patrol													
		10	2239		2242	No Flare Patrol													
0136	CULG	10	2257	2300	2304	N20	W42	3973	11	7.7	7	SN			C	2300	20	.3	
0137	CULG	10	2315	2328	2349	N11	E48	3991	11	14.6	34	SF			C	2328	50	.7	F
0138	CULG	11	0017	0019	0020	N09	W27	3988	11	9.0	3	SN			C	0019	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	Time (UT)	Area Measurement Apparent (10-6 Disk)	Corr (Sq Deg)	Remarks
0139	LEAR	11	0051	0055	0106	S17	E53	3995	11	15.1	15	SF		3	C		34		F
0140		11	0129*	02206	0240	S12	E60	3987	11	15.6	71	SN	C 5.7				79	1.8	EJ
	PURP	11	0129		0245	S13	E62	3987	11	15.7	76	SN			P	0236	40	.9	
	LEAR	11	0216	0225	0244	S12	E60	3987	11	15.6	28	SN	C 5.7	3	C		61		
	CULG	11	0217	0220	0234	S09	E60	3987	11	15.6	17	1N			C	0220	170	3.4	J
	PEKG	11	0220E	0226	0237	S13	E59	3987	11	15.5	170	SN			P	0226	46	1.0	E
0141	LEAR	11	0219	0221	0242	S17	E51	3995	11	15.0	23	SF		3	C		40		
0142	LEAR	11	0428	0429	0434	S12	E57	3987	11	15.5	6	SN		3	C		26		
0143		11	0537I	05385	0553	N09	E45	3991	11	14.6	16	SN					73	1.2	F
	ABST	11	0537	0543	0556	N07	E45	3991	11	14.6	19	SN			C	0543	131	1.8	F
	CULG	11	0538	0538	0549	N11	E44	3991	11	14.5	11	SN			C	0538	50	.7	
	LEAR	11	0538	0539	0555	N08	E45	3991	11	14.6	17	SF		3	C		37		F
0144	ABST	11	0600	0602	0605	S15	E56	3995	11	15.5	5	1F			C	0602	131	2.6	D
0145	LEAR	11	0659	0700	0706	S13	E57	3987	11	15.6	7	SF		3	C		28		F
0146	ABST	11	0721	0723	0736	S15	E56	3995	11	15.5	15	1N			C	0723	131	2.6	D
0147	LEAR	11	0815	0816	0820	S13	E57	3987	11	15.6	5	SF		2	C		16		
0148	LEAR	11	0901	0905	0908	S13	E56	3987	11	15.6	7	SN	C 2.1	2	C		15		
0149	LEAR	11	0939	0943	0948D	S13	E55	3987	11	15.5	9D	SN	C 1.3	2	C		43		F
0150	RAMY	11	1404	1405	1410	N09	W35	3988	11	8.9	6	SF		3	C		66		
			11 1431		1443			No Flare Patrol											
			11 1553		1617			No Flare Patrol											
0151	PALE	11	2012	2013U	2034D	S14	E39	3995	11	14.8	22D	SF	C 1.4	3	C		30		F
0152	CULG	11	2045	2054	2115	N11	E36	3991	11	14.6	30	SN			C	2054	80	1.0	
0153	PALE	11	2106	2140U	2146	S10	E46	3987	11	15.3	40	SF	C 2.5	3	C		36		F
0154	PALE	11	2154	2201	2228	S10	E46	3987	11	15.4	34	SF		3	C		43		F
0155		11	22246	2243*	2402	S11	E40	3987	11	14.9	98	1N	C 7.1				226		FKZ
	HOLL	11	2224	2243	2304D	S11	E40	3987	11	14.9	40D	1B	C 7.1	1	C		296		ZFK
	HOLL	11	2224	2256	2304D	S11	E40	3987	11	14.9	40D	1N		1	C		271		K
	PALE	11	2230	2254	2402	S10	E40	3987	11	14.9	92	1N		3	C		216		F
	LEAR	11	2239E	2243		S11	E41	3987	11	15.0	D	1N		3	C		178		FK
	LEAR	11	2239E	2250		S11	E41	3987	11	15.0	D	1N		3	C		168		K
0156		11	22374	2247	2300	S08	E40	3990	11	14.9	23	1N					127	3.2	FJ
	CULG	11	2237	2245U	2310	S08	E42	3990	11	15.1	33	1B			P	2254	220	3.2	JF
	LEAR	11	2241	2247	2251	S07	E39	3990	11	14.9	10	SF		3	C		34		
0157	LEAR	12	0132	0134	0201	S12	E43	3987	11	15.3	29	SN	C 2.6	3	C		40		F
0158		12	0258*	0307*	0505	S11	E37	3987	11	14.9	127	1N	M 2.0				199	2.8	CEFIJKU
	LEAR	12	0258	0307	0522	S12	E38	3987	11	15.0	144	SF		3	C		104		K
	LEAR	12	0258	0418	0522	S12	E38	3987	11	15.0	144	1B	M 2.0	3	C		240		FEK
	PEKG	12	0331	0355	0455	S11	E38	3987	11	15.0	84	1N			P	0355	273	3.7	FU
	VORO	12	0334	0350	0400D	S10	E38	3987	11	15.0	26D	1F			C	0350	332	4.0	CEIJK
	PURP	12	0341	0343	0344D	S12	E38	3987	11	15.0	3D	SN			C	0343	53	.7	
	MITK	12	0341E	0413	0441	S10	E36	3987	11	14.8	60D	SB			C	0413			E
	YUNN	12	0356E	0356U	0356D	S11	E37	3987	11	14.9	60D	1N			P	0356	193	2.6	
0159		12	05253	0542*	0720	S15	E31	3995	11	14.6	115	1N	M 1.1				170	2.0	DEF
	MITK	12	0525	0542	0619D	S13	E32	3995	11	14.6	54D	SN			C	0542			D
	PEKG	12	0525	0546	0559D	S15	E31	3995	11	14.6	34D	SN			P	0546	134	1.7	F
	ABST	12	0527	0555	0715	S16	E30	3995	11	14.5	108	1N			C	0555	174	2.2	F
	LEAR	12	0528	0543	0724	S15	E30	3995	11	14.5	116	1B	M 1.1	3	C		202		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 Measurement		Remarks
																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0160	ABST	12	0645	0647	0710	S10	E37	3987	11	15.1	25	SN			C	0647	131	1.7	E
0161		12	07033	07072	0726	N08	E31	3991	11	14.6	23	1N					158	2.1	EF
	ABST	12	0703	0707	0725	N08	E31	3991	11	14.6	22	1F			C	0706	174	2.1	E
	LEAR	12	0706	0709	0728	N08	E31	3991	11	14.6	22	SN	3		C		143		F
0162	ABST	12	0708	0710	0715	S14	E45	3987	11	15.7	7	SN			C	0710	131	1.9	EK
0163		12	0818*	0833*	0937	S11	E35	3987	11	15.0	79	1N	C 5.4				261	3.8	EFHK
	LEAR	12	0818	0833	0958D	S12	E33	3987	11	14.8	100D	1N		3	C		181		K
	LEAR	12	0818	0916	0958D	S12	E33	3987	11	14.8	100D	1B	C 5.4	3	C		257		FEK
	CATA	12	0855E	0902	0910D	S12	E37	3987	11	15.1	15D	2		1	P	0902	394	5.3	
	KHAR	12	0900E	0910	0958D	S10	E35	3987	11	15.0	58D	1N			P	0908	300	3.8	EH
	WEND	12	0902	0906	0937	S11	E40	3987	11	15.4	35	1N			C	0906	175	2.4	
0164	KHAR	12	1042E	1045	1049D	S09	E36	3990	11	15.1	7D	SN			V	1045			D
0165	KHAR	12	1113E	1113	1145D	S10	E41	3987	11	15.5	32D	SF			V	1113			DH
0166	KANZ	12	1154	1210	1222	S13	E36	3987	11	15.2	28	SN		2					
0167		12	1205*	1324*	1344	S12	E33	3987	11	15.0	99	SN					189		FKL
	RAMY	12	1205	1325	1358D	S13	E36	3987	11	15.2	113D	SN		3	C		151		FK
	RAMY	12	1205	1344	1358D	S13	E36	3987	11	15.2	113D	1N		3	C		227		K
	KANZ	12	1321	1324	1328	S12	E30	3987	11	14.8	7	SF		2					L
	KANZ	12	1341	1344	1359	S12	E30	3987	11	14.8	18	SN		2					
0168	HOLL	12	1407E	1435	1535	S11	E33	3987	11	15.1	88D	2B	X 1.1	3	C		638		EU
0169		12	1407	1414*	1441	S08	E30	3990	11	14.8	34	SN					65		
	KANZ	12	1407	1414	1414D	S09	E30	3990	11	14.8	7D	SN		3					
	HOLL	12	1407	1430	1441	S08	E29	3990	11	14.8	34	SN		3	C		65		
0170	HOLL	12	1416E	1416U	1418D	S17	E22	3995	11	14.3	2D	SB		2	C		100		F
0171	HOLL	12	1425	1425	1438	N07	E27	3991	11	14.6	13	SF		3	C		21		
0172	HOLL	12	1605	1608	1622	S07	E29	3990	11	14.8	17	SF		3	C		27		
0173		12	16105	1623	1638	N14	W27	3976	11	10.6	28	SF					87		F
	HOLL	12	1610	1623	1640	N15	W27	3976	11	10.6	30	SF		3	C		109		F
	RAMY	12	1615	1623	1635	N14	W27	3976	11	10.6	20	SF		3	C		65		F
0174	HOLL	12	1621	1625	1632	S14	E37	3987	11	15.5	11	SF		3	C		35		
0175	HOLL	12	1640	1648	1653	S07	E28	3990	11	14.8	13	SF		3	C		25		
0176	HOLL	12	1659	1703	1710	S05	E28	3990	11	14.8	11	SF		3	C		26		
0177	HOLL	12	1747	1747	1809	N15	W28	3976	11	10.6	22	SF		3	C		41		
0178	PALE	12	1814	1815	1821	S11	E28	3987	11	14.9	7	SF		3	C		33		F
0179		12	1857*	1913*	2036	S12	E28	3987	11	14.9	99	SN	C 3.5				93		FK
	HOLL	12	1857	1913	2037	S12	E27	3987	11	14.8	100	SB	C 3.5	4	C		86		FK
	HOLL	12	1857	2031	2037	S12	E27	3987	11	14.8	100	SF		4	C		89		K
	PALE	12	2027	2027	2034	S13	E29	3987	11	15.0	7	SN	C 3.2	3	C		103		
0180	PALE	12	1902	1912	1946	S15	E28	3995	11	14.9	44	SN		3	C		79		F
0181	HOLL	12	1912	1912	1919	S07	E27	3990	11	14.8	7	SF		3	C		24		
0182	HOLL	12	1938	1950	1958	N15	W28	3976	11	10.7	20	SF		3	C		51		F
0183	HOLL	12	2008	2008	2012	N23	W65	3981	11	7.8	4	SF		3	C		14		
0184	PALE	12	2115	2116	2125	S17	E32	3987	11	15.3	10	SN		3	C		76		

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0185		12	21213	21253	2249	N10	W41	3979	11	9.8	88	SN	C 4.3				98		U
	HOLL	12	2121	2128	2256	N09	W43	3979	11	9.7	95	SN	C 4.3	3	C		165		U
	PALE	12	2124	2125	2242	N10	W39	3979	11	10.0	78	SF		3	C		32		U
0186		12	21461	21481	2157	S12	E34	3987	11	15.5	11	SN					60		F
	HOLL	12	2146	2148	2201	S12	E36	3987	11	15.6	15	SN		3	C		64		F
	PALE	12	2147	2149	2153	S12	E33	3987	11	15.4	6	SN		3	C		55		
0187		12	22181	2220	2239	S12	E30	3987	11	15.2	21	1N	C 3.6				191	2.6	F
	CULG	12	2218	2220	2232	S09	E28	3987	11	15.0	14	1B			C	2220	220	2.6	
	PALE	12	2219	2220	2241	S16	E33	3987	11	15.4	22	1N	C 3.6	3	C		212		F
	HOLL	12	2221E	2224U	2245	S10	E29	3987	11	15.1	240	SN		2	C		140		F
0188		12	2344*	2408*	2519	S12	E27	3987	11	15.0	95	2N	M 4.9				502	5.8	CEFHIJK
	VORO	12	2344	2408	2500	S14	E29	3987	11	15.2	76	2F			C	2408	573	6.9	CEFHIJK
	PALE	12	2352	2408	2509	S11	E26	3987	11	14.9	77	2B	M 4.9	3	C		789		FE
	LEAR	12	2352	2410	2603	S12	E27	3987	11	15.0	131	2B		3	C		632		FEK
	LEAR	12	2352	2448	2603	S12	E27	3987	11	15.0	131	SN		3	C		95		K
	MITK	12	2353	2410	2511	S11	E26	3987	11	14.9	78	1N			C	2410	260	3.1	E
	CULG	13	0003	0009	0030	S10	E26	3987	11	14.9	27	2B			C	0009	660	7.3	
0189	CULG	12	2355	2357	2402	N19	W69	3973	11	7.7	7	SN			C	2357	40		
0190	PURP	13	0120	0134U	0154D	S13	E23	3995	11	14.8	34D	SN			P	0134	60	.7	
0191		13	02304	02398	0314	S15	E24	3995	11	14.9	44	1B					185	2.2	EFKW
	MITK	13	0230		0317	S13	E25	3995	11	15.0	47	1N			C	0314	210	2.5	E
	CULG	13	0234	0239	0320	S14	E25	3995	11	15.0	46	1B			C	0239	260	3.1	WFEK
	PEKG	13	0240E	0245	0304	S16	E24	3995	11	14.9	24D	SN			P	0245	130	1.5	F
	PURP	13	0247E	0247	0315	S16	E24	3995	11	14.9	28D	SB			C	0247	139	1.7	
0192		13	02443	02462	0254	N12	W32	3976	11	10.7	10	SN					82	1.0	FG
	CULG	13	0244	0246	0250	N12	W32	3976	11	10.7	6	SF			C	0246	110	1.3	F
	PURP	13	0247	0248	0259	N12	W32	3976	11	10.7	12	SN			C	0248	53	.7	G
0193		13	0228*	0315*	0450	S15	E23	3995	11	14.8	142	1N	M 1.8				259	2.8	FKUZ
	LEAR	13	0228	0315	0448	S15	E25	3995	11	15.0	140	1B	M 1.8	3	C		395		ZUK
	LEAR	13	0228	0343	0448	S15	E25	3995	11	15.0	140	1N		3	C		185		K
	PEKG	13	0309	0315	0350D	S15	E24	3995	11	14.9	41D	1N			P	0315	294	3.5	FK
	PEKG	13	0309	0320	0350D	S15	E21	3995	11	14.7	41D	1N			P	0320	265	3.1	F
	PURP	13	0426E	0428	0453	S15	E19	3995	11	14.6	27D	SN			C	0428	159	1.8	
0194	LEAR	13	0300	0307	0318	S18	E13	3984	11	14.1	18	SF		3	C		46		F
0195		13	04466	04521	0458	S13	E25	3987	11	15.1	12	SN	C 6.8				151	1.7	EF
	CULG	13	0446	0452	0458	S13	E25	3987	11	15.1	12	SB			C	0452	140	1.6	
	MITK	13	0449	0452	0457	S13	E25	3987	11	15.1	8	SN			C	0452			E
	LEAR	13	0449	0452	0459	S14	E25	3987	11	15.1	10	SN	C 6.8	3	C		176		F
	PEKG	13	0450	0452	0500	S15	E25	3987	11	15.1	10	1N			C	0452	210	2.5	E
	PURP	13	0452	0453	0454D	S13	E27	3987	11	15.2	2D	SN			P	0453	79	1.0	
0196		13	05326	05336	0547	S12	E22	3987	11	14.9	15	SN					54	.6	EK
	ABST	13	0532	0533	0550	S14	E24	3987	11	15.0	18	SN			C	0533	87	1.0	EK
	PEKG	13	0534E	0534	0545	S12	E21	3987	11	14.8	11D	SF			C	0534	59	.6	E
	LEAR	13	0534	0537	0542	S12	E22	3987	11	14.9	8	SN		3	C		42		
	PURP	13	0538	0539	0550	S12	E22	3987	11	14.9	12	SN			C	0539	26	.3	
0197		13	0552*	0603*	0652	S12	E23	3987	11	15.0	60	1B	M 3.2				250	2.7	EFJKT
	ABST	13	0552	0606	0645	S13	E25	3987	11	15.1	53	1B			C	0606	349	4.0	F
	LEAR	13	0554	0605	0646	S12	E22	3987	11	14.9	52	1B	M 3.2	3	C		329		FE
	CULG	13	0559	0607U	0626D	S11	E23	3987	11	15.0	27D	1B			P	0607	280	3.0	JFE
	ATHN	13	0600	0603	0648	S10	E26	3987	11	15.2	48	SN		4	V	0603	64	.7	
	ATHN	13	0600E	0603	0657	S13	E25	3987	11	15.1	57D	SB		4	V	0603	159	1.8	
	PEKG	13	0600E	0610	0700	S12	E22	3987	11	14.9	60D	SN			C	0610	168	1.9	EK
	PEKG	13	0600E	0635	0700	S11	E23	3987	11	15.0	60D	SN			C	0635	63	.7	ET
	PURP	13	0602	0610	0648	S12	E21	3987	11	14.8	46	1B			C	0610	411	4.7	
	MITK	13	0606	0609	0630D	S12	E23	3987	11	15.0	24D	1N			C	0609	430	5.0	E

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Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CML	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)	
0198		13	0826	0827	0836	S14	E24	3987	11	15.2	10	SB	C 4.2				68	1.1	F
	ATHN	13	0825E	0827	0835	S13	E25	3987	11	15.2	10D	SB		4	V	0827	95	1.1	
	LEAR	13	0826	0829	0838	S14	E23	3987	11	15.1	12	SN	C 4.2	3	C		41		F
0199		13	0942	0943	0952	S14	E24	3987	11	15.2	10	SB	C 4.3				94	1.5	EF
	LEAR	13	0942	0943	0949	S15	E22	3987	11	15.1	7	SB	C 4.3	2	C		62		FE
	ATHN	13	0943E	0946	0955	S13	E25	3987	11	15.3	120	SB		4	V	0946	127	1.5	
0200		13	1219	1223	1230	S16	E20	3995	11	15.0	11	SF					70	1.3	
	RAMY	13	1219	1223	1230	S14	E21	3995	11	15.1	11	SF		3	C		28		
	CATA	13	1220E	1230	1250D	S17	E18	3995	11	14.9	30D	S		2	P	1230	112	1.3	
0201		13	1414*	1439	1539D	S16	E20	3987	11	15.1	85D	1B	C 8.4				368		F
	RAMY	13	1414	1439	1539D	S14	E19	3987	11	15.0	85D	1B	C 8.4	3	C		458		
	HOLL	13	1436	1443	1530D	S17	E21	3987	11	15.2	54D	1B	M 1.5	3	C		277		F
		13	1433		1434	No Flare Patrol													
0202	RAMY	13	1635	1639	1655	S17	E20	3987	11	15.2	20	SN		3	C		38		
0203	RAMY	13	1750	1801	1808	S13	E83	3994	11	20.0	18	SF		3	C				
0204	RAMY	13	1852	1853	1919	S16	E15	3995	11	14.9	27	SF	C 2.2	3	C		53		F
0205		13	2105	2106	2120	S16	E13	3995	11	14.9	15	SF	C 2.2				24		F
	PALE	13	2105	2106	2124	S16	E13	3995	11	14.9	19	SF	C 2.2	3	C		25		
	HOLL	13	2106	2108	2117	S17	E13	3995	11	14.9	11	SF		3	C		22		F
0206	HOLL	13	2132	2133	2146	S17	E11	3995	11	14.7	14	SF		3	C		39		F
0207		13	2357	2358	2406	S14	E14	3995	11	15.0	9	SN					72	.9	F
	CULG	13	2357	2358	2406	S14	E14	3995	11	15.0	9	SN			C	2358	80	.9	F
	LEAR	13	2358	2358	2405	S15	E14	3995	11	15.0	7	SN		3	C		65		F
0208		13	2356*	2358*	2458	S11	E14	3987	11	15.0	62	1N	M 2.2				486	6.1	CEFIJKU
	VORO	13	2356	2431	2540	S12	E14	3987	11	15.0	104	2F			C	2431	1075	11.7	CEIJK
	MITK	13	2357	2358	2404	S13	E14	3987	11	15.0	7	SN			C	2358			E
	LEAR	14	0007	0020	0105	S11	E15	3987	11	15.1	58	1B		3	C		303		K
	MITK	14	0007	0025	0057	S11	E13	3987	11	15.0	50	1N			C	0025	270	2.9	E
	LEAR	14	0007	0032	0105	S11	E15	3987	11	15.1	58	2B	M 2.2	3	C		495		FEK
	CULG	14	0015	0033	0100	S11	E14	3987	11	15.1	45	1B			C	0033	350	3.8	JFE
	PALE	14	0020	0032	0058	S11	E13	3987	11	15.0	38	1N		3	C		421		UF
0209	YUNN	14	0248E	0249	0250	S11	E16	3987	11	15.3	2D	SF			P		129	1.4	
0210	LEAR	14	0556	0557	0604	S12	E08	3987	11	14.8	8	SF	C .8	3	C		41		FU
0211	ABST	14	0632	0634	0650	S12	E22	3987	11	15.9	18	SN			C	0634	86	1.0	EK
0212		14	0644	0645*	0703	S11	E07	3987	11	14.8	19	SN	C 1.5				74	.9	DEFKV
	ABST	14	0644	0645	0705	S11	E06	3987	11	14.7	21	SN			C	0645	131	1.4	EKV
	CULG	14	0644	0656	0703	S11	E08	3987	11	14.9	19	SN			C	0656	120	1.2	
	LEAR	14	0650	0650	0704	S12	E08	3987	11	14.9	14	SF	C 1.5	3	C		28		F
	YUNN	14	0651	0657	0701	S10	E07	3987	11	14.8	10	SF			C		16	.2	D
0213		14	0830*	0845	0900	N13	W48	3976	11	10.7	30	SN	C 1.0				109	1.6	F
	BUCA	14	0830		0900	N15	W48	3976	11	10.7	30	SN			C	0846	107	1.6	
	LEAR	14	0832	0847	0900	N13	W47	3976	11	10.8	28	SF	C 1.0	3	C		111		F
	KAND	14	0844	0845	0900	N11	W49	3976	11	10.7	16	1N			P				
0214		14	0915	0915	0921	S13	E14	3987	11	15.4	6	SN	C 1.4				56		D
	KHAR	14	0915E		0923D	S13	E13	3987	11	15.4	8D	SF			V	0915			D
	LEAR	14	0915	0915	0921	S13	E15	3987	11	15.5	6	SN	C 1.4	3	C		56		
0215	KHAR	14	1034E	1037	1041D	S11	E06	3987	11	14.9	7D	SF			P	1037	100	1.1	
		14	1430		1445	No Flare Patrol													
0216	RAMY	14	1526	1531	1549	S12	E11	3987	11	15.5	23	SN	C 1.3	3	C		57		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 Upt	Xray	Obs See	Type	Time (UT)	Area Apparent (10 ⁻⁶ Disk)	Measurement Corr (Sq Deg)	Remarks
0217	RAMY	14	1648	1658	1727	S11	E05	3987	11	15.1	39	SF	C 1.2	3	C		32		
0218		14	18043	1808	1820	S18	E00	3995	11	14.7	16	SF					40		
	RAMY	14	1804	1808	1826	S19	E00	3995	11	14.7	22	SF		3	C		57		
	PALE	14	1807	1808	1815	S18	E00	3995	11	14.7	8	SF		3	C		22		
0219		14	18573	19075	1936	S09	E64	3994	11	19.6	39	SN	C 2.2				48		
	RAMY	14	1857	1912	1952	S09	E64	3994	11	19.6	55	SN	C 2.2	3	C		64		
	PALE	14	1900	1907	1919	S09	E65	3994	11	19.7	19	SF		3	C		33		
0220	RAMY	14	1945	1945	1952	S12	E00	3987	11	14.8	7	SN	C 2.1	3	C		35		
0221	HOLL	14	2011	2012	2022	S12	W01	3987	11	14.8	11	SF		3	C		25		
0222	HOLL	14	2032	2032	2038	S12	W01	3987	11	14.8	6	SN		3	C		30		
0223	HOLL	14	2255	2308	2322	N10	W68	3979	11	9.8	27	SF		3	C		17		
0224	HOLL	14	2302	2303	2308D	S11	W03	3987	11	14.7	6D	SF		3	C		26		
0225	HOLL	14	2317	2320	2324	S10	E62	3994	11	19.6	7	SF		3	C		36		
0226		15	0143*	0143*	0248	S11	W01	3987	11	15.0	65	2B	M 8.5				658	6.9	EFKUZ
	LEAR	15	0143	0143	0312	S12	W01	3987	11	15.0	89	SF		3	C		44		K
	LEAR	15	0143	0202	0312	S12	W01	3987	11	15.0	89	2B	M 8.5	3	C		943		ZFK
	CULG	15	0155	0202	0241	S11	W00	3987	11	15.1	46	2B			C	0202	800	8.0	UEF
	PALE	15	0157	0208	0253D	S11	E00	3987	11	15.1	56D	2B		3	C		972		ZU
	YUNN	15	0159	0204	0229	S11	W01	3987	11	15.0	30	2B			P		707	7.5	
	PEKG	15	0159	0205	0229	S11	W01	3987	11	15.0	30	1B			C	0205	484	5.2	F
0227	PALE	15	0204	0204	0253D	S06	W03	3990	11	14.9	49D	SN		3	C		30		
0228	ABST	15	0501E	0506	0613D	S12	E05	3987	11	15.6	72D	SF			C	0506	87	.9	DJK
0229	ABST	15	0530	0538	0555	S11	W05	3987	11	14.8	25	SF			C	0538	131	1.4	DJ
0230		15	0833*	08414	0856	S12	W00	3987	11	15.3	23	SF	C 1.5				171		F
	LEAR	15	0833	0842	0915	S12	W02	3987	11	15.2	42	SF	C 1.5	3	C		171		F
	KANZ	15	0841	0841	0845	S12	W01	3987	11	15.3	4	SN		1					
	KANZ	15	0845	0845	0849	S12	E02	3987	11	15.5	4	SF		1					
0231	KANZ	15	0938	0946	1003	N07	W33		11	12.9	25	SF		1					G
0232	KANZ	15	1029	1029	1033	S12	E02	3987	11	15.6	4	SF		2					
		15	1044		1128	No Flare Patrol													
		15	1144		1149	No Flare Patrol													
0233	RAMY	15	1337	1337	1355	S12	W01	3987	11	15.5	18	SN	C 1.0	3	C		28		F
0234	KANZ	15	1415E	1428	1428D	S11	W11	3987	11	14.8	13D	SF		1					
0235	RAMY	15	1439	1440	1453	S13	E63	3994	11	20.4	14	SN	C 1.1	3	C		34		
0236	HOLL	15	1548	1551	1602D	S13	E59	3994	11	20.1	14D	SF		3	C		30		F
0237		15	16015	1618*	1727	S12	W09	3987	11	15.0	86	1B	M 1.3				326		FKUZ
	HOLL	15	1601	1618	1728	S12	W09	3987	11	15.0	87	1B	M 1.3	3	C		415		ZUK
	HOLL	15	1601	1654	1728	S12	W09	3987	11	15.0	87	1B		3	C		270		K
	RAMY	15	1606	1618	1725	S12	W09	3987	11	15.0	79	1B		3	C		292		UF
0238	RAMY	15	1618	1620	1720	S08	W12	3990	11	14.8	62	SF		3	C		46		
0239	HOLL	15	1706	1707	1715	N15	W62		11	11.0	9	SF		3	C		14		
0240	RAMY	15	1834	1840	1933	S12	W04	3987	11	15.5	59	SN		3	C		100		
0241	HOLL	15	1834	2006	2007D	S12	W05	3987	11	15.4	93D	SB	C 3.3	3	C		135		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	Area Measurement			Remarks		
						Lat	CMD	Region								Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)			
0242	HOLL	15	1857	1858	1920	S13	E57	3994	11	20.1	23	SF		3	C		27				
0243	HOLL	15	1908	1922	1936	N11	W78	3979	11	9.9	28	SF		3	C						
0244	HOLL	15	1953	2025	2049	N11	W80	3979	11	9.8	56	SF		3	C						
0245	HOLL	15	2130E	2306	2308	S12	W06	3987	11	15.4	98D	2N	C 2.7	3	C		1004		FH		
0246		15	22121	2214	2220	N08	W83	3979	11	9.7	8	SN					20				
	CULG	15	2212	2214	2219	N06	W86	3979	11	9.5	7	SF			C	2214	20				
	HOLL	15	2213	2214	2220	N11	W80	3979	11	9.9	7	SN		3	C						
0247		15	2241	22481	2306	N13	W71	3979	11	10.6	25	2N					256	6.1	F		
	CULG	15	2241	2249	2306	N12	W71	3979	11	10.6	25	1F			C	2249	180				
	HOLL	15	2245E	2248	2250D	N14	W71	3979	11	10.6	5D	2N		3	C		314		F		
	MANI	15	2247E	2248	2258D	N13	W70	3979	11	10.7	11D	2N		1	V		275	6.1	F		
0248		15	23404	2344	2349	S15	W12	3995	11	15.1	9	SN	C 2.0				40	.5			
	CULG	15	2340	2344	2348D	S15	W12	3995	11	15.1	8D	SN			P	2344	50	.5			
	LEAR	15	2344	2344	2349	S15	W13	3995	11	15.0	5	SN	C 2.0	3	C		29				
0249	YUNN	16	0047	0051	0106D	N12	W82	3979	11	9.8	19D	1N			P		94		AT		
0250	LEAR	16	0200	0201	0208	S11	W15	3987	11	14.9	8	SN		3	C		65		F		
0251		16	02423	02451	0254	S12	W16	3987	11	14.9	12	SF	C 2.1				46		F		
	LEAR	16	0242	0246	0259	S13	W16	3987	11	14.9	17	SF	C 2.1	3	C		66		F		
	PALE	16	0245	0245	0248	S12	W16	3987	11	14.9	3	SF		3	C		27		F		
0252		16	02543	0257*	0412	S14	E57	3994	11	20.4	78	SN	C 1.9				78	1.5	CDEFJK		
	VORO	16	0254	0259	0312D	S13	E58	3994	11	20.5	18D	SF			C	0259	81	1.6	CDJK		
	PALE	16	0256	0257	0301D	S13	E56	3994	11	20.3	5D	SF	C 1.9	3	C		82		F		
	LEAR	16	0257	0326	0431	S14	E57	3994	11	20.4	94	SB	C 8.7	3	C		98		FE		
	PEKG	16	0314E	0321	0410	S15	E57	3994	11	20.4	56D	SN			P	0321	59	1.2	EK		
	PEKG	16	0314E	0350	0410	S15	E58	3994	11	20.5	56D	SN			P	0350	63	1.3	E		
	MANI	16	0318E	0322	0358	S13	E57	3994	11	20.4	40D	SB		1	V		85	1.6			
	YUNN	16	0320E	0324	0414	S14	E57	3994	11	20.4	54D	SN			P		94	1.9			
	CULG	16	0342E	0342U	0406D	S12	E59	3994	11	20.6	24D	SN			P	0342	60	1.2			
	0253		16	03405	0350*	0520	S12	W11	3987	11	15.3	100	1N	M 2.1				269	2.8	DEFJKTU	
LEAR		16	0340	0359	0519	S13	W12	3987	11	15.2	99	1N	M 2.1	3	C		305		F		
MANI		16	0341	0352	0510	S13	W12	3987	11	15.2	89	1N		1	V		200	2.2	F		
YUNN		16	0344	0413	0512	S12	W11	3987	11	15.3	88	1N			C		472	5.1	FTU		
PEKG		16	0345	0350	0456	S13	W12	3987	11	15.2	71	SN			C	0350	160	1.7	EK		
PEKG		16	0345	0417	0456	S12	W12	3987	11	15.2	71	1N			C	0417	202	2.2	F		
CULG		16	0346U	0405U	0416D	S13	W11	3987	11	15.3	30U	1B			P	0405	420	4.6	JFE		
ABST		16	0502E	0504	0624	S12	W09	3987	11	15.5	82D	SN			P	0504	122	1.3	DJ		
0254			16	05244	05293	0535	N10	W88	3979	11	9.6	11	1F					48		AD	
	ABST	16	0524	0529	0536	N10	W89	3979	11	9.5	12	1F			C	0529	87		AD		
	LEAR	16	0528	0532	0534	N10	W86	3979	11	9.8	6	SF		3	C		9				
0255	ABST	16	0630	0635	0701	S10	W15	3987	11	15.1	31	SN			C	0635	175	1.9	FJ		
0256	LEAR	16	0812	0820	0834	S12	W20	3987	11	14.8	22	SN	C 2.6	3	C		83		F		
0257		16	0910	0918	0935D	S14	W21	3995	11	14.8	25D	SN					60	.5	FT		
	LEAR	16	0910	0918	0924D	S14	W20	3995	11	14.9	14D	SF		2	C		72		F		
	YUNN	16	0922E	0922U	0935D	S14	W22	3995	11	14.7	13D	SN			P	0922	47	.5	T		
0258	YUNN	16	0922E	0922U	0935D	N10	W89	3979	11	9.7	13D	SN			P	0922	31		AT		
		16	0936		1027	No Flare Patrol															
0259	CATA	16	1010E	1010	1010D	N10	W90	3979	11	9.7	13D	1		2	P	1010	84				
		16	1031		1037	No Flare Patrol															
		16	1051		1127	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	Time (UT)	Area Measurement		Remarks
						Lat	CMD	Region									Apparent (10-6 Disk)	Corr (Sq Deg)	
			16 1136		1144	No Flare Patrol													
0260	RAMY	16	1417	1418	1430D	S12	W21	3987	11	15.0	13D	SB	C 2.0	3	C		62		
0261	RAMY	16	1710	1711	1717	S12	W19	3987	11	15.3	7	SN	C 2.0	3	C		40		
0262	RAMY	16	1834	1834	1852	S13	W19	3987	11	15.3	18	SF	C 1.4	3	C		25		
			16 2024		2035	No Flare Patrol													
0263	PALE	16	2041E	2113U	2242	S12	W26	3987	11	14.9	121D	1B	M 2.3				351	2.9	BF
	CULG	16	2041E	2113U	2233D	S12	W27	3987	11	14.8	112D	1B	M 2.3	3	C		442		
		16	2137E	2137U	2242	S13	W24	3987	11	15.1	65D	1N			P	2137	260	2.9	FB
			16 2057		2136	No Flare Patrol													
			16 2235		2238	No Flare Patrol													
0264	LEAR	17	0307	0307	0316	S12	W30	3987	11	14.9	9	SF	C 2.0	3	C		22		F
0265	LEAR	17	0313	0314	0329	S14	E38	3994	11	20.0	16	SF		3	C		31		
0266		17	03294	0332*	0354	S12	W30	3987	11	14.9	25	SN	C 2.7				39	.6	CFJKT
	PURP	17	0329	0333	0404	S13	W30	3987	11	14.9	35	SN			C	0333	13	.2	
	VORO	17	0331	0332	0400D	S12	W31	3987	11	14.8	29D	SF			C	0332	72	.9	CJK
	YUNN	17	0332	0343	0354	S11	W30	3987	11	14.9	22	SN			C		47	.6	T
	LEAR	17	0333	0333	0349	S12	W29	3987	11	15.0	16	SN	C 2.7	3	C		21		FK
	LEAR	17	0333	0342	0349	S12	W29	3987	11	15.0	16	SF		3	C		41		K
0267		17	04217	04256	0449	S12	W31	3987	11	14.8	28	SN	C 3.8				80	1.0	FT
	PURP	17	0421	0425	0444	S13	W31	3987	11	14.8	23	SN			C	0425	119	1.5	
	LEAR	17	0422	0431	0456	S12	W30	3987	11	14.9	34	SF	C 3.8	3	C		73		F
	YUNN	17	0428	0430	0447	S10	W33	3987	11	14.7	19	SN			C		47	.6	T
0268	YUNN	17	0508E	0508U	0510	S12	W32	3987	11	14.8	2D	SN			P	0508	16	.2	DT
0269		17	05322	05335	0602	S16	W32	3995	11	14.8	30	SN	C 2.4				112	1.6	DE
	TACH	17	0525E	0533	0550D	S15	W32	3995	11	14.8	25D	1B			C	0533	177	2.3	D
	LEAR	17	0532	0536	0607	S17	W32	3995	11	14.8	35	SF	C 2.4	3	C		82		
	PURP	17	0533	0538	0600	S16	W30	3995	11	14.9	27	SB			C	0538	99	1.3	
	PEKG	17	0534	0535	0600	S16	W32	3995	11	14.8	26	SN			C	0535	92	1.2	E
	YUNN	17	0540E	0540U	0552D	S16	W33	3995	11	14.7	12D	SN			P	0540	110	1.4	
0270	LEAR	17	0534	0536	0540	S13	W29	3987	11	15.0	6	SF		3	C		26		F
0271	PURP	17	0606	0606	0659	S15	E44	3994	11	20.6	53	SN			C	0606	26	.4	E
0272	YUNN	17	0624	0635	0656	S02	E90	3997	11	24.0	32	SN			P		16		AG
0273	PURP	17	0658	0659	0709	S13	W32	3987	11	14.9	11	SN			C	0659	33	.4	D
0274		17	07581	08013	0808	S11	W34	3987	11	14.8	10	SN					23		F
	LEAR	17	0758	0801	0808	S12	W33	3987	11	14.8	10	SF		3	C		23		F
	KAND	17	0759	0804	0809	S10	W35	3987	11	14.7	10	SN			C				
0275	LEAR	17	0815	0816	0824	S16	E35	3994	11	20.0	9	SF		3	C		33		F
0276	KAND	17	0838	0840	0843	S10	W35	3990	11	14.7	5	SN			C				
0277	CATA	17	0845E	0845	0850	S07	E90	3997	11	24.1	5D	1		1	P	0845	56		
0278		17	09014	09051	0910	S14	W35	3995	11	14.7	9	SN					20	.2	DT
	YUNN	17	0901	0905	0910	S11	W36	3995	11	14.7	9	SN			C		16	.2	DT
	LEAR	17	0905	0906	0912D	S16	W34	3995	11	14.8	7D	SF		3	C		25		
0279	KAND	17	0919	0927	0930	S10	W35	3990	11	14.7	11	SN			C				
			17 0933		1002	No Flare Patrol													
			17 1031		1053	No Flare Patrol													

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0280	17	1054E	10555	1108D	S15	E40	3994	11	20.5	14D	1N						284	4.0	EU
	ABST	17	1054E	1055	1105D	S15	E39	3994	11	20.4	11D	1N		P		1055	288	4.0	EU
	CATA	17	1100E	1100	1108D	S15	E40	3994	11	20.5	8D	1		2	P	1100	281	4.0	
		17	1109		1204														
		17	1216		1229														
0281	RAMY	17	1322	1322	1327	S07	E86	3997	11	24.0	5	SF		3	C		24		
0282	RAMY	17	1357	1406	1544	S12	W34	3987	11	15.0	107	1B M	2.8	3	C		359		
0283	RAMY	17	1737	1744	1810	S16	W53	3984	11	13.7	33	SF		3	C		17		
0284	RAMY	17	1738	1744	1810	S21	W41	3995	11	14.6	32	SF		3	C		19		
		17	1909		1913														
		17	2008		2021														
0285	VORO	18	0004	0009	0025	S14	E27	3994	11	20.0	21	1F			C	0009	179	2.1	CFJ
0286		18	00205	00252	0039	S09	W44	3990	11	14.7	19	SN					34	.5	ET
	YUNN	18	0020	0025	0035	S08	W44	3990	11	14.7	15	SN			C		16	.2	ET
	PURP	18	0025	0027	0043	S10	W43	3990	11	14.8	18	SF			C	0027	53	.8	
0287		18	01204	01242	0149	S15	W43	3995	11	14.8	29	SF C	2.1				52	1.0	CEFJKT
	YUNN	18	0120	0126	0150	S15	W41	3995	11	14.9	30	SN			C		31	.5	ET
	VORO	18	0122	0125	0155	S15	W42	3995	11	14.9	33	SF			C	0125	99	1.4	CFJK
	LEAR	18	0124	0124	0141	S14	W45	3995	11	14.6	17	SF C	2.1	3	C		27		F
0288		18	03013	03043	0315	S12	W40	3987	11	15.1	14	SN C	3.8				89	1.2	CEFJT
	YUNN	18	0301	0304	0313	S10	W39	3987	11	15.2	12	SN			C		79	1.1	ET
	CULG	18	0301	0304	0314	S14	W40	3987	11	15.1	13	SB			C	0304	60	.8	FE
	LEAR	18	0301	0304	0323	S12	W40	3987	11	15.1	22	SN C	3.8	3	C		79		F
	VORO	18	0302	0304	0313	S12	W40	3987	11	15.1	11	1F			C	0306	161	2.2	CFJ
	PURP	18	0304	0307	0322	S12	W41	3987	11	15.0	18	SN			C	0307	60	.8	E
	PEKG	18	0306E	0306	0307	S12	W39	3987	11	15.2	1D	SN			P	0306	97	1.3	E
0289		18	03298	03352	0356	S16	E31	3994	11	20.5	27	SF					20	.2	DT
	YUNN	18	0329	0335	0344D	S16	E30	3994	11	20.4	15D	SF			P		13	.2	DT
	LEAR	18	0337	0337	0356	S17	E32	3994	11	20.6	19	SF		3	C		27		
0290	CULG	18	0358	0401	0405	S13	W40	3987	11	15.1	7	SF			C	0401	60	.8	
0291		18	04545	05008	0603	S15	E30	3994	11	20.5	69	1B M	1.4				314	3.8	EFT
	CULG	18	0454	0503	0556	S14	E30	3994	11	20.5	62	1B			C	0503	290	3.5	FE
	YUNN	18	0455E	0500	0557	S16	E29	3994	11	20.4	62D	1B			P		377	4.7	FT
	LEAR	18	0455	0506	0626	S15	E30	3994	11	20.5	91	1B M	1.4	3	C		343		FE
	ABST	18	0456E	0506	0620	S15	E30	3994	11	20.5	84D	1N			P	0506	349	4.3	E
	PEKG	18	0459	0508	0535	S15	E30	3994	11	20.5	36	1B			C	0508	210	2.6	F
0292	LEAR	18	0613	0614	0628	S12	W42	3987	11	15.1	15	SF C	2.4	3	C		21		
0293	KANZ	18	0810	0817	0828	S15	E28	3994	11	20.4	18	SF							
0294	KANZ	18	0813	0834	0844	S13	W43	3987	11	15.1	31	SF							
0295		18	12403	12438	1306	S16	W40	3995	11	15.5	26	1F					150	2.2	D
	LVOV	18	1240	1243	1257	S16	W41	3995	11	15.4	17	1F			C	1243	150	2.2	D
	KANZ	18	1243	1251	1314	S16	W40	3995	11	15.5	31	SF		2					
0296		18	1311	13482	1355D	S13	E20	3994	11	20.0	44D	SB					185		F
	RAMY	18	1311	1348	1350D	S13	E21	3994	11	20.1	39D	SB		3	C		185		F
	KANZ	18	1346E	1350	1355D	S13	E20	3994	11	20.1	9D	SB		2					
		18	1341		1343														
0297	HOLL	18	1411E	1411U	1439	S14	E17	3994	11	19.9	28D	SN		2	C		85		FZ

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0298		18	1543	16521	1657D	S10	E17	3994	11	19.9	74D	SN	C 1.7				56		K
	RAMY	18	1543	1652	1657D	S10	E17	3994	11	19.9	74D	SN		3	C		52		K
	RAMY	18	1543	1653	1657D	S10	E17	3994	11	19.9	74D	SN	C 1.7	3	C		60		K
		18	1721		1806	No Flare Patrol													
0299	HOLL	18	1846	1855	1859	S11	E14	3994	11	19.8	13	SF		3	C		25		F
0300	HOLL	18	1859	1903	1905D	S07	W54	3990	11	14.7	6D	SF		2	C		19		
		18	1906		1917	No Flare Patrol													
		18	1924		1939	No Flare Patrol													
0301		18	21141	21271	2146	S10	E14	3994	11	19.9	32	SN	C 6.4				100	1.2	FJ
	CULG	18	2114	2128	2149	S09	E15	3994	11	20.0	35	SN			C	2128	110	1.2	J
	HOLL	18	2115	2127	2142	S10	E14	3994	11	19.9	27	SN	C 6.4	3	C		91		F
0302	VORO	19	0113	0121	0132	S14	W56	3995	11	14.8	19	SF			C	0121	81	1.6	CJ
0303	YUNN	19	0201	0204	0220	S11	E10	3994	11	19.8	19	SN			P		47	.5	DT
0304		19	04552	0459	0508	S10	W59	3987	11	14.8	13	SN	C 2.3				66	1.0	FT
	CULG	19	0455	0459	0507	S12	W59	3987	11	14.7	12	SF			C	0459	80	1.6	
	LEAR	19	0455	0459	0514	S10	W58	3987	11	14.8	19	SN	C 2.3	3	C		103		F
	YUNN	19	0457	0459	0502	S09	W59	3987	11	14.8	5	SN			C		16	.3	T
0305	YUNN	19	0505	0515	0535	S14	E10	3994	11	20.0	30	SF			C		63	.7	T
0306	LEAR	19	0602	0612	0626	S14	E10	3994	11	20.0	24	SN		3	C		26		F
0307		19	07243	0725*	0809	S15	E16	3994	11	20.5	45	1B	M 1.1				190	2.1	FJKTU
	CULG	19	0724	0735U	0810	S14	E17	3994	11	20.6	46	SB			P	0735	60	.7	JF
	CATA	19	0725	0725	0745D	S16	E17	3994	11	20.6	20D	1		2	P	0725	337	3.8	
	LEAR	19	0726	0736	0815	S15	E16	3994	11	20.5	49	1B	M 1.1	3	C		205		U
	YUNN	19	0727	0735	0805	S15	E15	3994	11	20.4	38	1B			C		204	2.3	FT
	PEKG	19	0729E	0731	0807	S15	E15	3994	11	20.4	38D	SN			P	0731	130	1.5	FK
	PEKG	19	0729E	0740	0807	S15	E16	3994	11	20.5	38D	1N			P	0740	202	2.3	FU
		19	0817	08192	0838	S14	E10	3994	11	20.1	21	SN					88		F
0308	LEAR	19	0817	0819	0839	S15	E11	3994	11	20.2	22	SN		3	C		88		F
	KANZ	19	0821E	0821	0838	S14	E09	3994	11	20.0	17D	SN		1					
		19	09034	09102	0918	S12	W55	3987	11	15.2	15	SN					85		
0309	KANZ	19	0903	0910	0918	S15	W52	3987	11	15.4	15	SN		2					
	LEAR	19	0906	0910	0917	S10	W59	3987	11	14.9	11	SF		3	C		60		
	MONT	19	0907	0912	0918	S12	W53	3987	11	15.4	11	SN			C	0912	110		
		19	0919	0919	0928	N11	E72	3998	11	24.8	9	SF		3	C		15		
0311		19	09301	09356	0958	S12	W54	3987	11	15.3	28	SN					105	1.2	EFT
	YUNN	19	0930	0935	0937D	S11	W55	3987	11	15.2	7D	SN			P		31	.6	ET
	KANZ	19	0930	0938	1008	S14	W53	3987	11	15.4	38	1N		3					
	CATA	19	0930	0941	0955	S13	W57	3987	11	15.1	25	S		2	C	0941	84	1.7	
	LEAR	19	0931	0932U	0932D	S13	W53	3987	11	15.4	1D	SF		3	C		56		F
	MONT	19	0931	0936	0951	S12	W53	3987	11	15.4	20	1N			C	0936	250		
0312	KANZ	19	1016	1020	1023	S16	W30	3999	11	17.1	7	SF		2					
0313	KANZ	19	1153	1155	1221	S10	E03	3994	11	19.7	28	SF		1					
0314	KANZ	19	1153	1205	1217	S16	W31	3999	11	17.1	24	SF		1					
0315	KANZ	19	1307	1311	1315	S09	E02	3994	11	19.7	8	SF		1					
0316		19	13437	1351*	1405	S10	E05	3994	11	19.9	22	SF	C 2.4				30		K
	KANZ	19	1343	1351	1411	S10	E05	3994	11	19.9	28	SN		2					
	RAMY	19	1350	1351	1402	S10	E05	3994	11	19.9	12	SF	C 2.4	3	C		37		K
	RAMY	19	1350	1401	1402	S10	E05	3994	11	19.9	12	SF		3	C		22		K

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0317		19	13501	13511	1355	N12	E68	3998	11	24.7	5	SF					64		
	RAMY	19	1350	1352	1409D	N13	E69	3998	11	24.8	19D	SF		3	C		64		
	KANZ	19	1351	1351	1355	N12	E67	3998	11	24.6	4	SF		2					
		19	1424		1425			No Flare Patrol											
0318	HOLL	19	1443	1505	1550	S09	E00	3994	11	19.6	67	SF		3	C		79		
0319	HOLL	19	1453	1527	1551	N11	E67	3998	11	24.7	58	SN		3	C		24		
0320	HOLL	19	1535	1603	1604	S10	W62	3987	11	15.0	29	SF C 2.3		3	C		28		F
0321	HOLL	19	1626	1632	1643	S09	E00	3994	11	19.7	17	SN		3	C		41		F
0322	HOLL	19	1652	1656	1723	N11	E67	3998	11	24.7	31	SF		3	C		48		
0323		19	17103	17121	1750	S04	E57	3997	11	24.0	40	SN C 1.4					62		
	HOLL	19	1710	1712	1752	S05	E57	3997	11	24.0	42	SN C 1.4		3	C		70		
	RAMY	19	1713	1713	1747	S03	E57	3997	11	24.0	34	SF		3	C		53		
0324	HOLL	19	1753	1754	1802	S09	E00	3994	11	19.7	9	SB C 2.0		3	C		103		E
0325		19	18061	18235	1840	N12	E64	3998	11	24.6	34	SF					45		
	HOLL	19	1806	1823	1842	N11	E66	3998	11	24.7	36	SF		3	C		37		
	RAMY	19	1807	1828	1839	N12	E62	3998	11	24.4	32	SF		3	C		53		
0326	RAMY	19	1836	1836	1852	S09	W01	3994	11	19.7	16	1F		3	C		295		
0327	HOLL	19	2102E	2104U	2138	S08	E54	3997	11	23.9	36D	SF		3	C		27		F
0328	HOLL	19	2156	2158	2205	S09	W04	3994	11	19.6	9	SF		3	C		28		F
0329	HOLL	19	2240	2254	2302	S12	E00	3994	11	19.9	22	SN		3	C		100		F
0330	CULG	19	2312	2314	2324	S16	W76	3995	11	14.2	12	SF			C	2314	40		
0331	LEAR	20	0055	0057	0108	S12	W66	3987	11	15.1	13	SF		3	C		17		
0332	CULG	20	0103	0111	0121	S11	W07	3994	11	19.5	18	SF			C	0111	40	.4	
0333	LEAR	20	0256	0256	0300	S06	E52	3997	11	24.0	4	SF		3	C		18		
0334	LEAR	20	0338	0340	0402	S12	W65	3987	11	15.2	24	SF		3	C		32		F
0335		20	05206	05306	0548	S25	E89	4000	11	27.1	28	1B M 2.0					175		AFGKY
	YUNN	20	0520	0536	0551	S25	E89	4000	11	27.1	31				C				AY
	ABST	20	0521	0533	0539D	S25	E90	4000	11	27.2	18D	2N			C	0533	175		AFGK
	LEAR	20	0526	0530	0544	S24	E89	4000	11	27.1	18	SB M 2.0		3	C				
0336		20	08302	08371	0859	S09	W08	3994	11	19.7	29	SN C 2.4					141		F
	KANZ	20	0830	0838	0901	S09	W07	3994	11	19.8	31	SN		3					
	LEAR	20	0832	0837	0857	S09	W09	3994	11	19.7	25	SN C 2.4		3	C		141		F
0337	KANZ	20	0833	0837	0849	S07	E49	3997	11	24.0	16	SF		3					
0338	KANZ	20	0935	0943	0951	S06	W05	3994	11	20.0	16	SF		3					L
0339	KANZ	20	0955	1000	1019	S13	W70	3987	11	15.1	24	SN		3					
0340		20	1003*	10157	1051	S10	W02	3994	11	20.3	48	1B					240	2.6	
	KANZ	20	1003	1015	1042	S11	W05	3994	11	20.0	39	2N		3					
	CATA	20	1015	1015	1045D	S10	W04	3994	11	20.1	300	1		2	C	1015	281	3.0	
	CATA	20	1015	1015	1100	S11	E01	3994	11	20.5	45	S		2	C	1015	169	1.8	
	ATHN	20	1020E	1022	1024D	S09	W01	3994	11	20.3	4D	1B		2	V	1022	271	2.9	
0341	KANZ	20	1007	1007	1023	S10	E44	3997	11	23.7	16	SF		3					
0342	KANZ	20	1140	1144	1203	S14	W09	3994	11	19.8	23	SF		3					

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						Region										Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0343		20	1219*	12304	1254	S14	W09	3994	11	19.8	35	SF							
	RAMY	20	1219	1230	1302	S14	W09	3994	11	19.8	43	SF		3	C			34	
	KANZ	20	1230	1234	1246	S13	W09	3994	11	19.8	16	SF		3				34	
0344	KANZ	20	1318	1321	1346	S24	E81	4000	11	26.8	28	SF		3					
0345		20	1554*	1606*	1800	S08	W13	3994	11	19.7	126	SN	C 2.4					143	
	RAMY	20	1554	1706	1937	S09	W13	3994	11	19.7	223	SB		3	C			192	EFK
	RAMY	20	1554	1708	1937	S09	W13	3994	11	19.7	223	1B	C 2.4	3	C			239	K
	HOLL	20	1603	1606	1623	S08	W13	3994	11	19.7	20	SF		3	C			51	F
	HOLL	20	1628	1641	1651	S09	W14	3994	11	19.6	23	SN		3	C			50	F
	HOLL	20	1653	1701	1732	S08	W14	3994	11	19.6	39	SB	C 5.4	3	C			184	E
0346	HOLL	20	1627	1628	1633	N11	W03	4001	11	20.4	6	SF		3	C			29	
0347	HOLL	20	1655	1657	1704	N11	W04	4001	11	20.4	9	SF		3	C			45	
0348	HOLL	20	1736	1739	1744	S09	W13	3994	11	19.7	8	SF		3	C			38	F
0349		20	1808*	1834*	2211	S11	W09	3994	11	20.1	243	1N						148	.7
	HOLL	20	1808	1834	2349D	S11	W09	3994	11	20.1	341D	SN		3	C			106	EJKU
	HOLL	20	1808	2211	2349D	S11	W09	3994	11	20.1	341D	2B		3	C			268	K
	CULG	20	2202	2204	2211	S12	W10	3994	11	20.2	9	SN			C	2204		70	UEK
0350	HOLL	20	1834	1840	1843	N10	E46	3998	11	24.2	9	SF		3	C			40	J
0351	HOLL	20	1902	1903	1912	N11	W05	4001	11	20.4	10	SF		3	C			26	
0352		20	19252	19385	1949	N10	W06	4001	11	20.3	24	SN						42	
	RAMY	20	1925	1938	1957D	N10	W06	4001	11	20.3	32D	SN		3	C			53	
	HOLL	20	1927	1943	1949	N11	W06	4001	11	20.3	22	SN		3	C			31	
0353	CULG	20	2004	2010	2031	S12	W10	3994	11	20.1	27	SB			C	2010	110	1.1	J
0354	CULG	20	2042	2045	2052	N15	E40	3998	11	23.9	10	SF			C	2045	50	.7	
0355		20	20531	20582	2118	S08	E37	3997	11	23.6	25	1B						148	1.2
	CULG	20	2053	2058	2115	S07	E37	3997	11	23.6	22	SB			C	2058	90	1.2	E
	HOLL	20	2054	2100	2122	S10	E37	3997	11	23.6	28	1B		3	C		207		E
0356	HOLL	20	2116	2117	2124	N11	W07	4001	11	20.3	8	SF		3	C			50	
0357	HOLL	20	2158	2202	2208	N11	W07	4001	11	20.4	10	SF		3	C			24	
0358	HOLL	20	2205	2207	2212	S26	E79	4000	11	27.0	7	SF		3	C				
0359		20	2214*	2227*	2311	S12	W12	3994	11	20.0	57	SN						111	.8
	CULG	20	2214	2227	2250	S11	W12	3994	11	20.0	36	SN			C	2227	100	1.1	EFJ
	LEAR	20	2244E	2259U	2346	S10	W12	3994	11	20.0	62D	SN		3	C		194		EJ
	CULG	20	2254	2255	2258	S14	W13	3994	11	20.0	4	SN			C	2255	40	.4	FJ
0360	LEAR	20	2301	2303	2317	N12	W07	4001	11	20.4	16	SF		3	C			28	
0361	CULG	20	2302	2304	2311	S14	W05	3994	11	20.6	9	SN			C	2304	30	.3	
0362		21	0041*	0046*	0148	S10	W18	3994	11	19.7	67	SN						85	.9
	LEAR	21	0041	0046	0200	S10	W18	3994	11	19.7	79	SN		3	C			97	DFKT
	LEAR	21	0041	0136	0200	S10	W18	3994	11	19.7	79	SN		3	C			93	K
	CULG	21	0044E	0044U	0045	S10	W19	3994	11	19.6	1D	SN			P	0044	100	1.1	FK
	LEAR	21	0201	0205	0208	S09	W18	3994	11	19.7	7	SN		3	C		74		F
	YUNN	21	0205E	0205U	0207	S10	W19	3994	11	19.6	2D	SN			P	0205	63	.7	DT
0363	LEAR	21	0106	0106	0114	S23	E75	4000	11	26.8	8	SF		3	C				H
0364	YUNN	21	0254E	0254U	0305	S08	W21	3994	11	19.5	11D	SN			P	0254	79	.9	DT
0365	LEAR	21	0339	0347	0409	S12	W81	3987	11	15.0	30	SF		3	C				F

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						Lat	CMD	Region								Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0366	LEAR	21	0340	0349	0408	S09	W19	3994	11	19.7	28	SN	C	7.3	3	C		73		F
0367	LEAR	21	0422	0424	0435	S07	W19	3994	11	19.7	13	SN	C	6.3	3	C		58		F
0368	LEAR	21	0423	0423	0427	S23	E73	4000	11	26.8	4	SF			3	C				
0369		21	0449	0453	0507	S11	W14	3994	11	20.1	18	SN	C	6.1				83	.9	EFJT
	LEAR	21	0449	0453	0505	S11	W13	3994	11	20.2	16	SN	C	6.1	3	C		83		F
	CULG	21	0450E	0454	0506	S12	W14	3994	11	20.1	16D	SN				P	0454	120	1.3	FJ
	YUNN	21	0450	0456	0511	S11	W15	3994	11	20.1	21	SN				C	47	.5	ET	
0370		21	0605	0626*	0709	S12	W81	3987	11	15.1	64	1N	M	1.5				87		DG
	LEAR	21	0605	0626	0709	S11	W79	3987	11	15.3	64	SN	M	1.5	3	C				
	ABST	21	0632E	0638	0638D	S13	W83	3987	11	15.0	6D	1N				P	0638	87		DG
0371		21	06082	06096	0624	S06	W22	4002	11	19.6	16	SB					28	.4	DET	
	LEAR	21	0608	0609	0629	S07	W21	4002	11	19.7	21	SB			3	C	24		E	
	YUNN	21	0610	0615	0620	S06	W23	4002	11	19.5	10	SN				C	31	.4	DT	
0372	YUNN	21	0918	0928	0937	S09	W21	3994	11	19.8	19	SN				C	79	.9	T	
0373		21	10144	10201	1030	S10	W24	3994	11	19.6	16	SB					31	.4		
	KANZ	21	1014	1021	1033	S10	W24	3994	11	19.6	19	SB			3					
	WEND	21	1018	1020	1027	S09	W23	3994	11	19.7	9	SB				C	1020	31	.4	
0374	KANZ	21	1018	1018	1021	N11	W14	4001	11	20.4	3	SF			3					
0375		21	1121	11271	1142	S08	W25	3994	11	19.6	21	SN					19	.2		
	WEND	21	1121	1127	1141	S08	W25	3994	11	19.6	20	SN				C	1127	19	.2	
	KANZ	21	1121	1128	1144	S09	W25	3994	11	19.6	23	SN			3					
0376		21	11486	11532	1227	N11	W15	4001	11	20.4	39	SN	C	3.6			84			
	KANZ	21	1148	1153	1207	N11	W15	4001	11	20.4	19	SN			3					
	RAMY	21	1154	1155	1247	N11	W15	4001	11	20.4	53	SN	C	3.6	3	C	84			
0377	KANZ	21	1214	1214	1222	S08	W38	4002	11	18.7	8	SF			3					L
0378		21	1306	13103	1322	S09	W26	3994	11	19.6	16	1B					191	2.2		
	KANZ	21	1306	1310	1325	S09	W25	3994	11	19.7	19	SN			3					
	ATHN	21	1310E	1313	1318	S09	W26	3994	11	19.6	8D	1B			3	V	1313	191	2.2	
0379		21	1417	14192	1625	S09	W26	3994	11	19.6	128	2B	M	1.1			524			FKU
	RAMY	21	1411E	1419	1625	S10	W25	3994	11	19.7	134D	2B	M	1.1	3	C	524			UFK
	KANZ	21	1417	1421	1421D	S08	W26	3994	11	19.6	4D	1B			3					
0380		21	1443	15023	1524	N10	W16	4001	11	20.4	41	SN					49			FU
	RAMY	21	1443	1502	1537	N10	W16	4001	11	20.4	54	SN			3	C	70			UF
	HOLL	21	1454E	1505	1511	N11	W16	4001	11	20.4	17D	SF			1	C	28			F
0381	HOLL	21	1521	1522	1527	N11	W17	4001	11	20.4	6	SF			2	C	54			F
0382	RAMY	21	1617	1618	1628	N11	W17	4001	11	20.4	11	SN			3	C	31			
0383	HOLL	21	1628	1650	1711	S07	W27	3994	11	19.7	43	SN			3	C	49			FH
0384	RAMY	21	1631	1651	1700	S10	W14	3994	11	20.6	29	SB			3	C	33			
0385		21	17383	1745*	1827	S08	W27	3994	11	19.7	49	SB	C	5.0			85			EK
	HOLL	21	1738	1745	1835	S07	W28	3994	11	19.6	57	SB	C	5.0	3	C	95			EK
	HOLL	21	1738	1755	1835	S07	W28	3994	11	19.6	57	SN			3	C	107			K
	RAMY	21	1741	1745	1811	S11	W26	3994	11	19.8	30	SB			3	C	52			
0386		21	1805	18072	1809D	N12	W18	4001	11	20.4	4D	SB					63			E
	RAMY	21	1805	1807	1807D	N11	W19	4001	11	20.3	2D	SB			3	C	42			
	HOLL	21	1805	1809	1809D	N12	W17	4001	11	20.5	4D	SB			3	C	84			E
0387	HOLL	21	1813	1815	1820	S09	E26	3997	11	23.7	7	SN			3	C	106			F

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0388	HOLL	21	1813	1816	1818	S11	W76	3987	11 16.0	5	SF	3 C				
0389		21	1816*	18432	1914	S08	W28	3994	11 19.7	58	18 C 8.6			297		E
	RAMY	21	1816	1843	1908	S08	W28	3994	11 19.7	52	SB	3 C		114		
	HOLL	21	1838	1845	1919	S07	W27	3994	11 19.7	41	18 C 8.6	3 C		480		E
0390	HOLL	21	1840	1841	1847	N12	W18	4001	11 20.4	7	SF	3 C		28		
0391		21	19411	1943	2000	S08	W26	3994	11 19.9	19	SB C 5.8			72		F
	RAMY	21	1941	1943	2010	S11	W24	3994	11 20.0	29	SB C 5.8	3 C		93		
	HOLL	21	1942	1943	1951	S06	W27	3994	11 19.8	9	SN	3 C		51		F
0392	CULG	21	2035	2035	2044	S09	W29	3994	11 19.7	9	SN	C	2035	60	.7	J
0393	CULG	21	2134	2135	2140	S11	W31	3994	11 19.6	6	SN	C	2135	100	1.2	J
0394	LEAR	21	2318	2319	2324	N13	W65	4003	11 17.1	6	SF C 3.7	3 C		20		
0395		22	0012	0019	0031	N11	W22	4001	11 20.3	19	SN C 3.9			42	.5	DT
	LEAR	22	0012	0019	0032	N11	W23	4001	11 20.3	20	SF C 3.9	3 C		37		
	YUNN	22	0020E	0020U	0030	N11	W22	4001	11 20.3	100	SN	P	0020	47	.5	DT
0396	YUNN	22	0020E	0020U	0030	S10	W23	3994	11 20.3	100	SN	P	0020	47	.5	T
0397		22	01201	0130*	0154	N12	W24	4001	11 20.2	34	SN C 4.8			88	1.2	FKT
	YUNN	22	0120	0130	0138	N12	W23	4001	11 20.3	18	SN	C		126	1.4	FT
	LEAR	22	0121	0132	0159	N11	W23	4001	11 20.3	38	SF C 4.8	3 C		81		FK
	LEAR	22	0121	0151	0159	N11	W23	4001	11 20.3	38	SF	3 C		66		K
	YUNN	22	0148E	0148U	0200	N13	W25	4001	11 20.2	120	SN	P	0148	79	.9	FT
0398	YUNN	22	0127	0129	0135	S09	W30	3994	11 19.8	8	SN	C		47	.6	
0399		22	02121	02145	0234	N08	W70	4003	11 16.8	22	SN			30		
	LEAR	22	0212	0219	0233	N08	W70	4003	11 16.8	21	SF	3 C		28		
	YUNN	22	0213	0214	0234	N09	W71	4003	11 16.8	21	SN	C		31		
0400	YUNN	22	0234	0237	0240	S07	W35	4002	11 19.5	6	SN	C		47	.6	T
0401		22	0325	0328	0337	S12	W32	3994	11 19.7	12	SN			26	.4	ET
	LEAR	22	0325	0328	0337	S14	W30	3994	11 19.9	12	SN	3 C		21		
	YUNN	22	0325	0328	0337	S09	W34	3994	11 19.6	12	SN	C		31	.4	ET
0402	LEAR	22	0347	0347	0351	S24	E61	4000	11 26.9	4	SF	3 C		22		
0403		22	04501	0451	0458	S06	W36	4002	11 19.5	8	SB			69	1.2	EFT
	YUNN	22	0450	0451	0455	S06	W36	4002	11 19.5	5	SN	C		94	1.2	ET
	LEAR	22	0451	0451	0500	S07	W35	4002	11 19.6	9	SB	3 C		44		FE
0404		22	0502	0504	0509	S11	W24	3994	11 20.4	7	SN			88	1.0	ET
	CULG	22	0502	0504	0510	S11	W22	3994	11 20.5	8	SN	C	0504	50	.5	
	YUNN	22	0504E	0504	0508	S11	W27	3994	11 20.2	40	SN	P		126	1.5	ET
0405	CULG	22	0539	0541	0547	N14	W23	4001	11 20.5	8	SF	C	0541	60	.7	
0406	LEAR	22	0608	0608	0613	S07	W36	4002	11 19.5	5	SN	3 C		34		F
0407		22	06247	06334	0644	N12	W28	4001	11 20.1	20	SN			34	.5	D
	PEKG	22	0624	0633	0633D	N13	W28	4001	11 20.1	9D	SN	P	0633	42	.5	D
	LEAR	22	0631	0637	0644	N12	W27	4001	11 20.2	13	SF	3 C		27		
0408		22	0723	0724	0738	S12	W29	3994	11 20.1	15	SB			77	.9	EJT
	CULG	22	0723	0724	0727	S11	W31	3994	11 20.0	4	SB	C	0724	60	.7	J
	YUNN	22	0743E	0743U	0750	S13	W27	3994	11 20.3	7D	SN	P	0743	94	1.1	ET
0409		22	07452	0749	0754	N14	E30	3998	11 24.6	9	SF			34	.5	F
	CULG	22	0745	0749	0753	N15	E30	3998	11 24.6	8	SF	C	0749	40	.5	F
	LEAR	22	0747	0749	0754	N12	E29	3998	11 24.5	7	SF	3 C		27		

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0410	LEAR	22	0822	0822	0832	N11	W69	4003	11	17.1	10	SF		3	C		11		
0411	LEAR	22	0857	0905	0917D	S10	W32	3994	11	20.0	20D	SF		3	C		28		
		22	0918		0941			No Flare Patrol											
0412		22	09453	09518	1020	N12	W26	4001	11	20.4	35	SN					163	1.9	E
	KHAR	22	0942E	0958	1035D	N10	W28	4001	11	20.3	53D	SN		P		0958	150	1.7	E
	WEND	22	0945	0959	1022	N13	W26	4001	11	20.4	37	SF		C		0959	88	1.0	
	LVOV	22	0948	0951	1018	N13	W25	4001	11	20.5	30	1N		C		0951	250	3.0	E
0413		22	1018	10217	1029	S08	W34	3994	11	19.9	11	SN					105	1.3	DE
	LVOV	22	1018	1021	1029	S06	W35	3994	11	19.8	11	SN		C		1021	100	1.3	D
	KHAR	22	1028E	1028	1035D	S10	W34	3994	11	19.9	7D	SN		P		1028	110	1.3	E
0414	LVOV	22	1121	1132	1219	S11	W90	3987	11	15.7	58	SN			C	1132	250		D
0415		22	11411	11415	1150	S08	W34	3994	11	19.9	9	SB					58	.7	DZ
	WEND	22	1141	1141	1147	S09	W33	3994	11	20.0	6	SB		C		1141	25	.3	Z
	LVOV	22	1142	1144	1152	S06	W35	3994	11	19.9	10	SN		C		1144	100	1.3	D
	KHAR	22	1142E	1146	1150D	S10	W34	3994	11	19.9	8D	SB		P		1146	50	.6	D
0416		22	1208*	1210*	1225	S08	W34	3994	11	19.9	17	SN M 2.0					79	1.0	D
	WEND	22	1208	1210	1214	S09	W33	3994	11	20.0	6	SN		C		1210	19	.2	
	LVOV	22	1219	1223	1231	S06	W35	3994	11	19.9	12	SN		C		1223	150	1.9	D
	RAMY	22	1224	1226	1231	S10	W33	3994	11	20.0	7	SB M 2.0	3	C			67		
		22	1401		1421			No Flare Patrol											
0417		22	1432	14412	1515	N12	W28	4001	11	20.5	43	SB					70		
	HOLL	22	1422E	1443	1443D	N14	W27	4001	11	20.5	21D	SB		3	C		81		
	RAMY	22	1432	1441	1515	N11	W30	4001	11	20.3	43	SB		3	C		60		
0418		22	1454	1506*	1626D	S11	W35	3994	11	20.0	92D	SB					118		EKZ
	HOLL	22	1454	1506	1626D	S11	W35	3994	11	20.0	92D	SN		3	C		100		K
	HOLL	22	1454	1620	1626D	S11	W35	3994	11	20.0	92D	SB		3	C		135		ZEK
0419	RAMY	22	1514	1817	1826D	S11	W36	3994	11	19.9	192D	1N		3	C		323		F
		22	1633		1809			No Flare Patrol											
		22	1827		1952			No Flare Patrol											
0420	CULG	22	2051	2054	2058	N14	W52	4004	11	18.9	7	SN			C	2054	50	.8	
0421	CULG	22	2055	2057	2120	S20	E52	4000	11	26.8	25	1N			C	2057	120	2.0	FJ
0422	CULG	22	2149	2154	2203	S14	W38	3994	11	20.0	14	1N			C	2154	240	3.1	J
0423		23	01091	0113	0121	S25	E52	4000	11	27.1	12	1F					128	2.2	CJ
	VORO	23	0109	0113	0127	S26	E52	4000	11	27.1	18	1F		C		0113	125	2.3	CJ
	CULG	23	0110	0113	0115	S24	E52	4000	11	27.1	5	1F		C		0113	130	2.2	J
0424		23	0110*	01267	0139	S10	W45	3994	11	19.7	29	SN					45	.7	CDJT
	YUNN	23	0110	0129U	0139	S10	W44	3994	11	19.7	29	SN		P		0129	47	.7	DT
	VORO	23	0124	0126	0142	S10	W45	3994	11	19.7	18	SF		C		0126	54	.8	CJ
	PEKG	23	0128	0133	0137	S09	W45	3994	11	19.7	9	SN		P		0133	34	.5	D
0425		23	02201	02221	0232	S11	W46	3994	11	19.6	12	SN					95	1.4	CDEJK
	VORO	23	0220	0222	0232	S10	W46	3994	11	19.6	12	SN		C		0222	99	1.5	CDJK
	PEKG	23	0221	0223	0229	S09	W45	3994	11	19.7	8	SN		C		0223	59	.9	E
	CULG	23	0221	0223	0229	S13	W46	3994	11	19.6	8	1F		C		0223	150	2.2	J
	PURP	23	0222E	0223	0236	S12	W47	3994	11	19.5	14D	SB		C		0223	73	1.1	
0426		23	0317	03182	0319	S12	W43	3994	11	19.9	2	SN					40	.6	E
	PEKG	23	0317	0318	0319	S10	W43	3994	11	19.9	2	SN		P		0318	55	.8	E
	PURP	23	0320E	0320	0320D	S13	W43	3994	11	19.9	2D	SN		P		0320	26	.4	
0427	PURP	23	0430E	0430	0430D	S13	W44	3994	11	19.9	2D	SF			P	0430	20	.3	

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0428	PURP	23	0525E	0525	0530	S11	W46	3994	11	19.8	50	SF		P		0525	26	.4	
0429	YUNN	23	0530	0534	0549	S05	W50	4002	11	19.5	19	SN		C			31	.5	DT
0430	ISTA	23	0710E		0720	S04	W51	4002	11	19.5	100	SF							D
0431		23	0807	0809	0814	S10	W46	3994	11	19.9	7	SN					47	.7	DT
	KANZ	23	0807		0812D	S10	W45	3994	11	19.9	50	SN		2					
	YUNN	23	0807	0809	0814	S09	W47	3994	11	19.8	7	SN		C			47	.7	DT
0432	LEAR	23	0821	0826	0829	N13	W82	4003	11	17.2	8	SF		3	C				
0433		23	0822	0826S	0835	S04	W51	4002	11	19.5	13	SN					31	.5	DT
	YUNN	23	0822	0826	0830	S04	W51	4002	11	19.5	8	SN		C			31	.5	DT
	KANZ	23	0831E	0831	0840	S05	W51	4002	11	19.5	90	SF		2					
0434		23	09151	09241	0936	S04	W53	4002	11	19.4	21	SN					31	.5	ET
	YUNN	23	0915	0924	0931	S04	W53	4002	11	19.4	16	SN		C			31	.5	ET
	KANZ	23	0916	0925	0941	S05	W53	4002	11	19.4	25	SN		2					
0435		23	09437	0943*	0953	S10	W47	3994	11	19.9	10	SN							D
	KANZ	23	0943	0943	0948	S08	W48	3994	11	19.8	5	SF		3					
	KANZ	23	0948	0950	0955	S11	W47	3994	11	19.9	7	SB		3					
	KAND	23	0950	0953	0955	S12	W47	3994	11	19.9	5	SB		C					D
0436	KANZ	23	1018	1018	1025	S10	W51	3994	11	19.6	7	SF		3					
0437	KANZ	23	1041	1043	1048	S22	E43	4000	11	26.7	7	SF		3					
0438	LVOV	23	1047	1049	1103	S05	W37	4001B	11	20.7	16	SN		C		1049	100	1.5	D
0439	LVOV	23	1107	1117	1133	N02	W55		11	19.3	26	1N		C		1117	150	2.7	D
0440		23	11099	1120	1132	S06	W54	3994	11	19.4	23	1N					150	2.9	DF
	KANZ	23	1109	1120	1134	S08	W50	3994	11	19.7	25	1N		3					F
	LVOV	23	1118	1120	1131	S04	W57	3994	11	19.2	13	1F		C		1120	150	2.9	D
0441		23	11371	11421	1149	S08	W52	3994	11	19.6	12	1N					200	3.3	D
	LVOV	23	1137	1142	1148	S05	W52	3994	11	19.6	11	1N		C		1142	200	3.3	D
	KANZ	23	1138	1143	1150	S10	W51	3994	11	19.6	12	SN		3					
0442		23	1220*	1243	1244	S10	W48	3994	11	19.9	24	SN							FKZ
	KANZ	23	1220		1238	S10	W49	3994	11	19.8	18	SN		3					FK
	KANZ	23	1241	1243	1250	S11	W47	3994	11	20.0	9	SN		3					Z
0443		23	1317	13204	1327	S12	W46	3994	11	20.1	10	1B					143	2.3	
	KANZ	23	1317	1320	1324	S11	W48	3994	11	19.9	7	SN		3					
	ATHN	23	1322E	1324	1330	S13	W43	3994	11	20.3	80	1B		2	V	1324	143	2.3	
0444	KANZ	23	1345	1352	1355	N10	W45	4001	11	20.2	10	SN		3					
0445	KANZ	23	1345	1355	1402	S13	W46	3994	11	20.1	17	SN		3					
		23	1403		1947	No Flare Patrol													
0446	CULG	23	2019	2027	2052	S14	W54	3994	11	19.8	33	SN		C		2027	70	1.2	FJ
		23	2146		2151	No Flare Patrol													
0447		23	23581	24001	2403	S12	W55	3994	11	19.8	5	SN	C 4.4				90	1.8	DEJ
	CULG	23	2358	2400	2402	S13	W56	3994	11	19.8	4	SN		C		2400	60	1.1	J
	MITK	23	2359	2400	2403	S12	W55	3994	11	19.8	4	1N		C		2400	130	2.5	D
	LEAR	23	2359	2401	2404	S11	W55	3994	11	19.9	5	SB	C 4.4	3	C		79		E
0448	LEAR	24	0113	0117	0131	S09	W58	3994	11	19.7	18	SN		3	C		27		FH
0449	LEAR	24	0116	0117	0123	N11	W50	4001	11	20.3	7	SF		3	C		23		

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																	Apparent (10-6 Disk)	Corr (Sq Deg)	
0450		24	0144*	0204	0216	S24	E35	4000	11	26.8	32	SF					68	1.1	F
	CULG	24	0144	0204	0222	S21	E36	4000	11	26.8	38	SF			C	0204	140	1.8	
	PURP	24	0159	0204	0216	S26	E36	4000	11	26.9	17	SN			C	0204	26	.4	
	LEAR	24	0205E	0205U	0210	S24	E34	4000	11	26.7	50	SF		3	C		37		F
0451		24	0214*	0219*	0234	S16	W46	3994	11	20.6	20	SN					48	.8	EFK
	CULG	24	0214	0219	0232	S17	W45	3994	11	20.7	18	SF			C	0219	70	1.1	FK
	PURP	24	0226	0229	0236	S14	W46	3994	11	20.6	10	SN			C	0229	26	.4	E
0452		24	0227	0231	0234	S08	W62	4002	11	19.4	7	SN					28	.7	
	LEAR	24	0227	0231	0232	S08	W61	4002	11	19.5	5	SN		3	C		24		
	PURP	24	0231E	0231	0236	S08	W62	4002	11	19.4	50	SN			P	0231	33	.7	
0453	LEAR	24	0312	0313	0319	N11	W52	4001	11	20.2	7	SF		3	C		23		
0454		24	03523	03561	0400	S12	W59	3994	11	19.7	8	SN					33	.7	D
	PEKG	24	0352	0357	0401	S12	W59	3994	11	19.7	9	SN			C	0357	46	1.0	D
	PURP	24	0355	0356	0358	S11	W59	3994	11	19.7	3	SN			C	0356	20	.4	
0455		24	04445	04468	0504	S16	W63	3994	11	19.4	20	SN C 5.0					65	1.8	EF
	LEAR	24	0444	0446	0504	S17	W64	3994	11	19.3	20	SN C 5.0	3		C		54		F
	PEKG	24	0449	0454	0503	S14	W62	3994	11	19.5	14	SN			P	0454	76	1.8	E
0456	LEAR	24	0533	0533	0540	S28	E33	4000	11	26.8	7	SF		3	C		23		F
0457		24	05496	0556	0603	S10	W57	3994	11	19.9	14	SN					46	.8	DE
	PEKG	24	0549	0556	0607	S10	W52	3994	11	20.3	18	SN			P	0556	59	1.0	E
	PEKG	24	0555	0556	0559	S09	W62	3994	11	19.6	4	SN			P	0556	34	.7	D
0458		24	0550	0553*	0657D	N09	W53	4001	11	20.3	67D	1B					124	4.0	E
	LEAR	24	0550	0553	0600D	N09	W52	4001	11	20.3	100	SN		3	C		26		
	TACH	24	0603E	0606	0657D	N09	W54	4001	11	20.2	54D	1B			C	0606	221	4.0	E
0459	RAMY	24	1704	1706	1855	S11	W62	3994	11	20.0	111	SN		3	C		23		
0460	RAMY	24	1810	1810	1822	N11	W58	4001	11	20.4	12	SF		3	C		27		
0461	RAMY	24	1835	1843	1850	N11	W60	4001	11	20.3	15	SF		3	C		32		
0462	RAMY	24	1858	1907	1910D	S24	E24	4000	11	26.6	120	SN		3	C		24		
		24	1911		2002	No Flare Patrol													
0463	CULG	24	2125	2127	2135	S14	W72	3994	11	19.4	10	SB			C	2127	20		
0464	LEAR	24	2244	2244	2251	S27	E23	4000	11	26.7	7	SF		3	C		22		F
0465		24	23041	23061	2322	N12	W06	3998	11	24.5	18	SN					50	.6	
	CULG	24	2304	2307	2320	N12	W05	3998	11	24.6	16	SF			C	2307	60	.6	
	LEAR	24	2305	2306	2323	N11	W07	3998	11	24.4	18	SN		3	C		41		
0466	LEAR	24	2304	2304	2310	S10	W70	3994	11	19.7	6	SF C 5.9	3		C		12		
0467		25	00191	00211	0030	S10	W77	3994	11	19.2	11	1N C 8.6					81		CJ
	VORO	25	0019	0021	0029	S10	W83	3994	11	18.8	10	1F			C		81		CJ
	LEAR	25	0020	0022	0032	S11	W71	3994	11	19.7	12	SN C 8.6	3		C	0021			
0468		25	00353	00382	0046	S23	E23	4000	11	26.8	11	SF					57	.8	CFJ
	CULG	25	0035	0038	0043	S21	E23	4000	11	26.8	8	SF			C	0038	100	1.2	
	LEAR	25	0038	0038	0048	S24	E22	4000	11	26.7	10	SF		3	C		36		F
	VORO	25	0038	0040	0048	S24	E23	4000	11	26.8	10	SF			C	0039	36	.4	CJ
0469		25	01241	01251	0132	S12	W74	3994	11	19.5	8	SB M 1.3					20		EF
	CULG	25	0124	0125	0130	S14	W75	3994	11	19.4	6	SB			C	0125	20		
	LEAR	25	0125	0126	0134	S11	W72	3994	11	19.6	9	SB M 1.3	3		C				FE
0470	PEKG	25	0214E	0214	0220D	N12	W79	4004	11	19.1	60	1N			P	0214	76		E

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																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0471	LEAR	25	0305	0310	0314	N11	W60	4001	11	20.6	9	SF		3	C		23		F
0472	LEAR	25	0327	0328	0339	S10	W67	3994	11	20.1	12	SN		3	C		20		
0473		25	0337	0340	0348	S24	E21	4000	11	26.8	11	SN					50	.8	F
	LEAR	25	0337	0340	0353	S25	E21	4000	11	26.8	16	SF		3	C		31		F
	CULG	25	0337	0341	0344	S22	E21	4000	11	26.8	7	SN			C	0341	70	.8	
0474		25	0414	0416	0427	S11	W76	3994	11	19.4	13	1B M	2.4				77		EF
	CULG	25	0414	0416	0422	S14	W76	3994	11	19.4	8	1B			C	0416	70		
	LEAR	25	0415	0416	0435	S10	W75	3994	11	19.5	20	1B M	2.4	3	C				FE
	PEKG	25	0415E	0417U	0424	S10	W76	3994	11	19.5	9D	1N			P	0417	84		E
0475	LEAR	25	0515	0515	0518	S12	W73	3994	11	19.7	3	SF		3	C				
0476	LEAR	25	0611	0613	0621	N11	W66	4001	11	20.3	10	SF		3	C		16		
0477		25	0656*	07228	0738	S25	E20	4000	11	26.8	42	SN C	3.8				130	1.4	EFK
	CULG	25	0656	0726	0742	S23	E20	4000	11	26.8	46	SN			C	0726	130	1.5	K
	CATA	25	0700	0730	0740D	S27	E21	4000	11	26.9	40D	S		1	P	0730	84	1.1	
	CATA	25	0700	0730	0740D	S23	E18	4000	11	26.7	40D	S		1	P	0730	140	1.7	
	LEAR	25	0714	0728	0748	S24	E19	4000	11	26.8	34	1N C	3.8	3	C		204		F
	KAND	25	0720E	0722	0728	S27	E23	4000	11	27.1	8D	SN			C				
	YUNN	25	0720E	0730U	0730D	S25	E18	4000	11	26.7	10D	SN			P	0730	94	1.1	F
	KAND	25	0726	0728	0734	S24	E19	4000	11	26.8	8	SN			C				E
		25	1401		1518	No Flare Patrol													
		25	1628		1726	No Flare Patrol													
		25	1746		2036	No Flare Patrol													
		25	2117		2122	No Flare Patrol													
		25	2133		2142	No Flare Patrol													
		25	2154		2202	No Flare Patrol													
		25	2216		2221	No Flare Patrol													
0483	VORO	26	0022	0022	0026	S06	W89	3994	11	19.3	4	1F			C	0022	72		CJ
0484		26	0207	02122	0226	N10	W78	4001	11	20.2	19	1N					98		EF
	CULG	26	0207	0212	0227	N09	W81	4001	11	20.0	20	1N			C	0212	120		
	LEAR	26	0207	0213	0225	N10	W75	4001	11	20.4	18	SN		3	C				F
	PEKG	26	0214E	0214	0220D	N12	W79	4001	11	20.1	6D	1N			P	0214	76		E
0485	VORO	26	0210	0213	0222D	S10	W88	3994	11	19.5	12D	2F			C	0213	116		CJ
0486		26	0230*	0236*	0419	S12	W87	3994	11	19.5	109	1N X	4.5				135		CEFJKUY
	LEAR	26	0230	0236	0408	S12	W84	3994	11	19.8	98	SN X	4.5	3	C				UF
	CULG	26	0231	0236	0419	S14	W87	3994	11	19.5	108	1B			C	0236	140		Y
	PEKG	26	0232	0254	0425	S10	W88	3994	11	19.5	113	1N			C	0254	84		EK
	PEKG	26	0232	0315U	0425	S11	W89	3994	11	19.4	113	2B			C	0315	181		E
	VORO	26	0242	0243	0247D	S12	W89	3994	11	19.4	5D	SF			C	0243	134		CJ
0487	VORO	26	0232	0237	0250D	N12	W89	4001	11	19.4	18D	1F			C	0237	45		CDJ
0488	LEAR	26	0319	0321	0332	S22	E09	4000	11	26.8	13	SF		3	C		88		F
0489		26	0446	0448	0532	S26	E08	4009	11	26.8	46	1N					110	2.1	EF
	MITK	26	0446	0452	0532	S26	E08	4009	11	26.8	46	1F			C	0452	180	2.1	E
	LEAR	26	0447	0448	0507D	S27	E09	4009	11	26.9	20D	SN		3	C		40		F

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																Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0490	KAND	26	0655		1242	S09	W90	3994	11	19.5	347				P				Y
0491	CATA	26	0855	0855	0900D	S09	E85	4005	12	2.7	5D	1		1	P	0855	68		
0492	YUNN	26	0920	0922	0930	S10	E80	4005	12	2.4	10	SN			P		16		
0493	KAND	26	1232	1235	1241	N13	W20	3998	11	25.0	9	SN			P				
0494	RAMY	26	1534	1535	1551	N09	W26	3998	11	24.7	17	SF		3	C		29		
0495	RAMY	26	1630	1630	1651D	S31	E03	4009	11	26.9	21D	SF		3	C		42		
		26	1643		1649			No Flare Patrol											
		26	1745		1802			No Flare Patrol											
		26	1928		1948			No Flare Patrol											
0496		26	2025*	2042*	2137	S27	W11	4000	11	26.0	72	1F	C 8.0				372	3.8	FI
	CULG	26	2025	2042	2137	S28	W13	4000	11	25.8	72	1N			P	2042	320	3.8	FI
	RAMY	26	2038	2049	2049D	S26	W13	4000	11	25.8	11D	1F	C 8.0	3	C		409		
	RAMY	26	2052	2052	2103D	S26	W08	4000	11	26.2	11D	1F		3	C		388		
		26	2104		2116			No Flare Patrol											
		26	2149		2154			No Flare Patrol											
0497	VORO	27	0144	0146	0152	S28	W04	4009	11	26.7	8	SF			C	0146	63	.7	CJ
0498	LEAR	27	0208	0209	0229	S08	E71	4005	12	2.4	21	SF	C 2.5	3	C		32		F
0499	ABST	27	0726E	0733	0744	S10	E74	4005	12	2.9	18D	1F			P	0733	79		DJ
0500	KAND	27	0813	0817	0822	S20	E54	4008	12	1.5	9	SF			C				
		27	0908		1602			No Flare Patrol											
		27	1630		1650			No Flare Patrol											
		27	1734		1754			No Flare Patrol											
		27	1825		1836			No Flare Patrol											
0501	HOLL	27	2216	2220	2236D	S14	E43	4007	12	1.2	20D	SF	C 2.9	3	C		34		F
0502	MANI	27	2336	2336U	2343D	S23	E45	4008	12	1.4	7D	SN		1	V		80	1.3	EF
0503	LEAR	27	2353	2353	2405	S13	E44	4007	12	1.3	12	SN		3	C		21		F
0504	VORO	28	0038	0041	0050	S12	E42	4007	12	1.2	12	SF			C	0041	90	1.3	CJ
0505		28	0148	0153	0204	S12	E42	4007	12	1.2	16	SN					49	.8	CEFJT
	VORO	28	0148	0153	0205	S12	E42	4007	12	1.2	17	SF			C	0153	67	1.0	CFJ
	YUNN	28	0156E	0156U	0202	S13	E42	4007	12	1.2	6D	SN			P	0156	31	.5	ET
0506	YUNN	28	0250	0251	0300	S13	E42	4007	12	1.3	10	SN			C		47	.7	T
0507		28	0317	0321	0340	S14	E40	4007	12	1.1	23	SN	C 2.2				52	.9	EFT
	LEAR	28	0317	0321	0342	S14	E40	4007	12	1.1	25	SN	C 2.2	3	C		42		F
	YUNN	28	0317	0322	0337	S13	E41	4007	12	1.2	20	SN			C		63	.9	ET
0508		28	04021	04045	0445	S13	E43	4007	12	1.4	43	SB	C 7.4				135	1.8	EFT
	YUNN	28	0400E	0409	0443	S13	E43	4007	12	1.4	43D	SB			P		126	1.8	FT
	LEAR	28	0402	0404	0450	S14	E43	4007	12	1.4	48	SB	C 7.4	3	C		150		FE
	CULG	28	0402	0406	0436D	S12	E44	4007	12	1.5	34D	SN			P	0406	130	1.8	F
	MITK	28	0403	0405	0443	S13	E43	4007	12	1.4	40	SN			C	0405			E
0509		28	0520	05244	0542	S13	E39	4007	12	1.2	22	SN					157	2.4	BDEFK
	CULG	28	0520	0524	0538	S12	E40	4007	12	1.2	18	SN			C	0524	120	1.5	FK
	LEAR	28	0528E	0528U	0545	S13	E39	4007	12	1.2	17D	SB			C		104		FE
	TACH	28	0528E	0528	0634D	S14	E38	4007	12	1.1	66D	1N			C	0528	248	3.4	BD
0510		28	0558	05593	0609	S11	E58	4005	12	2.6	11	1N	C 1.8				96	3.3	D
	TACH	28	0556E	0559	0626D	S11	E58	4005	12	2.6	30D	1N			C	0559	159	3.3	D
	LEAR	28	0558	0602	0609	S11	E58	4005	12	2.6	11	SN	C 1.8	3	C		32		

H - ALPHA SOLAR FLARES

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Nov 82

NOVEMBER 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	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0511	LEAR	28	0559	0602	0634	S13	E39	4007	12	1.2	35	SF		3	C		42		
0512		28	07233	07317	0750	S14	E38	4007	12	1.2	27	SF					72	1.4	DJ
	ABST	28	0723	0731	0758D	S14	E39	4007	12	1.2	35D	SF		P		0731	105	1.4	DJ
	LEAR	28	0726	0738	0750	S13	E38	4007	12	1.2	24	SF		3	C		39		
0513	ABST	28	0732	0745	0758D	S13	E59	4005	12	2.8	26D	SF		P		0745	79	1.6	DJ
0514	LEAR	28	0815	0827	0900	S23	W21	4000	11	26.7	45	SF C	2.1	3	C		180		F
0515	LEAR	28	0918	0918	0929	S11	E56	4005	12	2.6	11	SF C	1.5	3	C		19		
		28	0944		1055	No Flare Patrol													
0516	LVOV	28	1102	1112	1120	S11	E57	4005	12	2.7	18	1F		C		1112	250	4.9	D
0517	LVOV	28	1135	1144	1157	S13	E36	4007	12	1.2	22	1F		C		1144	200	2.6	D
		28	1232		1303	No Flare Patrol													
		28	1346		1400	No Flare Patrol													
0518	HOLL	28	1448	1448	1457	S23	W24	4000	11	26.8	9	SF		3	C		23		F
0519		28	14487	14507	1500	S14	E35	4007	12	1.3	12	SN C	2.1				32		
	RAMY	28	1448	1450	1454	S14	E35	4007	12	1.3	6	SN C	2.1	3	C		33		
	RAMY	28	1455	1457	1506	S13	E35	4007	12	1.3	11	SN		3	C		30		
0520	HOLL	28	1633	1718	1735	S14	E32	4007	12	1.1	62	SB C	2.0	3	C		104		E
0521		28	16381	1646*	1746	N14	W54	3998	11	24.6	68	SN C	3.6				76		F
	HOLL	28	1638	1646	1751	N14	W54	3998	11	24.6	73	SN C	3.6	3	C		73		F
	RAMY	28	1639	1709	1740	N14	W55	3998	11	24.5	61	SF		3	C		78		F
0522	HOLL	28	1746	1746	1750	S14	E35	4007	12	1.4	4	SN		3	C		30		F
0523	HOLL	28	1829	1829	1837	S23	W26	4000	11	26.8	8	SN		3	C		22		F
0524	RAMY	28	1901E		1903D	S12	E32	4007	12	1.2	2D	SF		3	C		32		
0525	CULG	28	2005E	2005U	2036	S12	E32	4007	12	1.2	31D	SN		P		2005	150	1.8	B
0526		28	2016	2048*	2238	S12	E50	4005	12	2.6	142	SB					68		EK
	HOLL	28	2016	2048	2238	S12	E50	4005	12	2.6	142	SB		3	C		97		EK
	HOLL	28	2016	2156	2238	S12	E50	4005	12	2.6	142	SN		3	C		40		K
0527	CULG	28	2126E	2127	2128	S13	E29	4007	12	1.1	2D	SN		P		2127	40	.4	
0528	HOLL	28	2207	2221	2231	S14	E31	4007	12	1.3	24	SN		3	C		44		F
0529	LEAR	28	2242	2242	2256	S24	W28	4000	11	26.8	14	SF		3	C		22		
0530		28	23061	23072	2329	S13	E29	4007	12	1.1	23	SN C	2.7				43	.4	EF
	LEAR	28	2306	2307	2345	S14	E30	4007	12	1.2	39	SB C	2.7	3	C		49		FE
	CULG	28	2307	2308	2313	S12	E29	4007	12	1.1	6	SN			C	2308	40	.4	
	MANI	28	2307	2309	2317D	S13	E27	4007	12	1.0	10D	SN		1	V		40	.5	FE
0531	LEAR	28	2344	2348	2354	S11	E49	4005	12	2.7	10	SF		3	C		35		
0532		29	00131	00162	0023	S10	E48	4005	12	2.6	10	SN					22	.3	F
	LEAR	29	0013	0018	0023	S10	E47	4005	12	2.5	10	SN		3	C		25		F
	MANI	29	0014	0016	0020D	S10	E48	4005	12	2.6	6D	SN		1	V		20	.3	F
0533	LEAR	29	0126	0128	0135	S11	E46	4005	12	2.5	9	SF		3	C		30		
0534	YUNN	29	0135	0136	0138	S14	E30	4007	12	1.3	3	SN			C		47	.6	T
0535		29	0146	01461	0201	S11	E45	4005	12	2.4	15	SF					24	.4	
	LEAR	29	0146	0146	0201	S11	E45	4005	12	2.4	15	SF		3	C		22		
	MANI	29	0147E	0147	0158D	S11	E45	4005	12	2.4	11D	SF		1	V		25	.4	

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H - ALPHA SOLAR FLARES

NOVEMBER 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	Area Measurement			Remarks
																Time (UT)	Apparent (10 ⁻⁶ Disk)	Corr (Sq Deg)	
0536		29	01582	02028	0224	S13	E27	4007	12	1.1	26	SN	C 3.3				61	.7	DF
	PEKG	29	0158	0210	0223	S13	E27	4007	12	1.1	25	SN			C	0210	67	.8	D
	LEAR	29	0200	0202	0226	S14	E27	4007	12	1.1	26	SN	C 3.3	3	C		65		F
	MANI	29	0202E	0203	0224D	S13	E27	4007	12	1.1	22D	SN		1	V		50	.6	F
0537	PEKG	29	0242	0302	0302D	S15	E32	4007	12	1.5	20D	SN			P	0302	55	.7	D
0538	CULG	29	0335E	0344U	0349	S13	E26	4007	12	1.1	14D	SN			P	0344	80	.8	K
0539		29	0430*	0442*	0506	S12	E47	4005	12	2.7	36	SN	C 1.4				58	1.2	E
	PEKG	29	0430	0455	0510	S12	E47	4005	12	2.7	40	SN			C	0455	76	1.2	E
	LEAR	29	0440	0442	0502	S11	E47	4005	12	2.7	22	SF	C 1.4	3	C		39		
0540		29	0525	0526*	0606	S23	W32	4000	11	26.7	41	SF	C 1.3				48		FK
	LEAR	29	0525	0526	0606	S23	W32	4000	11	26.7	41	SF		3	C		20		K
	LEAR	29	0525	0539	0606	S23	W32	4000	11	26.7	41	SF	C 1.3	3	C		75		FK
0541		29	0532*	0532*	0557	S13	E25	4007	12	1.1	25	SF					75	.9	DEV
	ABST	29	0532	0532	0534D	S13	E25	4007	12	1.1	2D	SF			P	0532	87	1.0	DV
	PEKG	29	0545	0550	0600	S13	E25	4007	12	1.1	15	SF			C	0550	50	.6	E
	ABST	29	0546E	0549	0554	S14	E24	4007	12	1.0	8D	SF			P	0549	87	1.0	D
0542		29	06404	0646*	0732	S16	E29	4007	12	1.5	52	SF					72	.9	DFK
	PEKG	29	0640	0656	0720	S16	E30	4007	12	1.5	40	SF			C	0656	21	.3	D
	ABST	29	0644	0646	0743	S15	E28	4007	12	1.4	59	SF			P	0646	122	1.5	FK
		29	0804		0808	No Flare Patrol													
		29	0813		0817	No Flare Patrol													
		29	0819		0836	No Flare Patrol													
		29	0846		0901	No Flare Patrol													
		29	0906		0919	No Flare Patrol													
		29	0936		1044	No Flare Patrol													
		29	1116		1134	No Flare Patrol													
0543	CATA	29	1150	1200	1220	S19	E28	4007A	12	1.6	30	1		2	C	1200	169	2.1	
0544	HOLL	29	1411	1412	1437	N11	E90	4010	12	6.4	26	SN	C 8.6	2	C				
		29	1713		1819	No Flare Patrol													
		29	1824		1854	No Flare Patrol													
0545	CULG	29	2101	2107	2120	S12	E17	4007	12	1.1	19	SN			C	2107	170	1.8	
0546	LEAR	29	2323	2324	2356	S13	E32	4005	12	2.4	33	SN		3	C		55		F
0547	LEAR	29	2335	2340	2419	S18	E24	4007A	12	1.8	44	SF	C 3.2	3	C		112		F
0548		29	2359	24072	2428	S22	E34	4008	12	2.6	29	SF					91	1.1	F
	LEAR	29	2359	2409	2428	S22	E34	4008	12	2.6	29	SF		3	C		102		F
	MANI	30	0001E	0007	0025D	S23	E34	4008	12	2.6	24D	SF		1	V		80	1.1	F
0549		30	0025	0028*	0050	S15	E17	4007	12	1.3	25	SN					105	1.2	EFT
	YUNN	30	0025	0028	0040	S14	E19	4007	12	1.4	15	SN			C		79	.9	ET
	PURP	30	0032E	0035	0046	S15	E15	4007	12	1.1	14D	SF			C	0035	60	.7	
	PEKG	30	0043E	0043	0105	S15	E18	4007	12	1.4	22D	SN			P	0043	176	2.0	F
0550	PURP	30	0032E	0035	0046	S19	E23	4007A	12	1.8	14D	SF			C	0035	53	.6	
0551		30	00461	00471	0102	S12	E35	4005	12	2.7	16	SF					94	1.4	F
	PEKG	30	0046	0048	0109	S11	E35	4005	12	2.7	23	1N			C	0048	168	2.2	F
	LEAR	30	0047	0047	0055	S12	E35	4005	12	2.7	8	SF		3	C		65		
	MANI	30	0047E	0047	0055D	S12	E36	4005	12	2.7	8D	SF		1	V		50	.7	
0552	LEAR	30	0136	0139	0143	S09	E33	4005	12	2.5	7	SF		3	C		25		
0553	PURP	30	0225	0237	0321	S09	E34	4005	12	2.6	56	SN			C	0237	46	.6	
0554		30	03191	03216	0354	S13	E14	4007	12	1.2	35	SN					74	.8	EFT
	LEAR	30	0319	0327	0350	S13	E15	4007	12	1.3	31	SF		3	C		82		F
	PURP	30	0320	0321	0359	S14	E13	4007	12	1.1	39	SN			C	0321	93	1.0	
	YUNN	30	0320	0322	0332D	S12	E13	4007	12	1.1	12D	SN			P		47	.5	ET

H - ALPHA SOLAR FLARES

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Nov 82

NOVEMBER 1982

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/ USAF/				Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
						Lat	CMD	Region	Mo							Day	Apparent (10-6 Disk)	
0555		30	04075	04112	0424	S08	E32	4005	12	2.6	17	SN	C 2.3			106	1.4	EF
	MITK	30	0407	0411	0425	S08	E32	4005	12	2.6	18	SN		C	0411			E
	CULG	30	0411	0413	0428	S07	E32	4005	12	2.6	17	SF		C	0413	150	1.8	F
	PURP	30	0412E	0412	0421	S09	E33	4005	12	2.6	9D	SN		C	0412	86	1.1	
	LEAR	30	0412	0413	0422	S09	E32	4005	12	2.6	10	SN	C 2.3	3	C	83		F
0556	LEAR	30	0446	0448	0459	S12	E12	4007	12	1.1	13	SF		3	C	94		F
0557		30	05484	0600*	0713	S14	E14	4007	12	1.3	85	SF	C 1.2			112	.9	DF
	ABST	30	0548	0600	0638D	S14	E14	4007	12	1.3	50D	SF		P	0600	87	.9	D
	LEAR	30	0552	0616	0713	S14	E14	4007	12	1.3	81	SF	C 1.2	2	C	138		F
0558	CULG	30	0605	0609	0616	S19	E04	4009B	11	30.5	11	SF		C	0609	50	.5	
0559		30	0629	06421	0726D	S19	E19	4007A	12	1.7	57D	SN				102	1.2	EF
	ABST	30	0629	0642	0726D	S19	E18	4007A	12	1.6	57D	SF		P	0642	131	1.5	F
	PURP	30	0643E	0643	0703D	S19	E20	4007A	12	1.8	20D	SB		C	0643	73	.9	E
0560	LEAR	30	0725	0730	0739	S12	E10	4007	12	1.1	14	SN		3	C	54		F
0561		30	0734	0735*	0750	N08	E89	4012C	12	7.0	16	2N				160		ADJV
	ABST	30	0734	0735	0746	N09	E90	4012C	12	7.1	12	1F		C	0735	131		ADJV
	YUNN	30	0744E	0745	0755	N08	E88	4012C	12	6.9	11D	2N		P		189		A
0562		30	0857	0859	0906	S14	E26	4005	12	2.3	9	SN				106	1.1	EF
	LEAR	30	0857	0859	0909	S14	E27	4005	12	2.4	12	SF		2	C	118		F
	YUNN	30	0858E	0858U	0902	S13	E25	4005	12	2.2	4D	SB		P	0858	94	1.1	E
		30	0946		1300			No Flare Patrol										
		30	1628		1637			No Flare Patrol										
		30	1642		1653			No Flare Patrol										
0563	RAMY	30	1655	1711	1726	S10	E24	4005	12	2.5	31	SF		3	C	41		
0564		30	17422	1746	1800	S20	E10	4007A	12	1.5	18	SF				62		U
	RAMY	30	1742	1746	1800	S19	E11	4007A	12	1.6	18	SF		3	C	102		U
	HOLL	30	1744	1746	1759	S20	E09	4007A	12	1.4	15	SF		3	C	23		U
		30	1811		1859			No Flare Patrol										
		30	1903		1908			No Flare Patrol										
		30	1919		1937			No Flare Patrol										
		30	2025		2235			No Flare Patrol										
0565	LEAR	30	2324	2327	2403	S12	E23	4005	12	2.7	39	SF		3	C	104		F

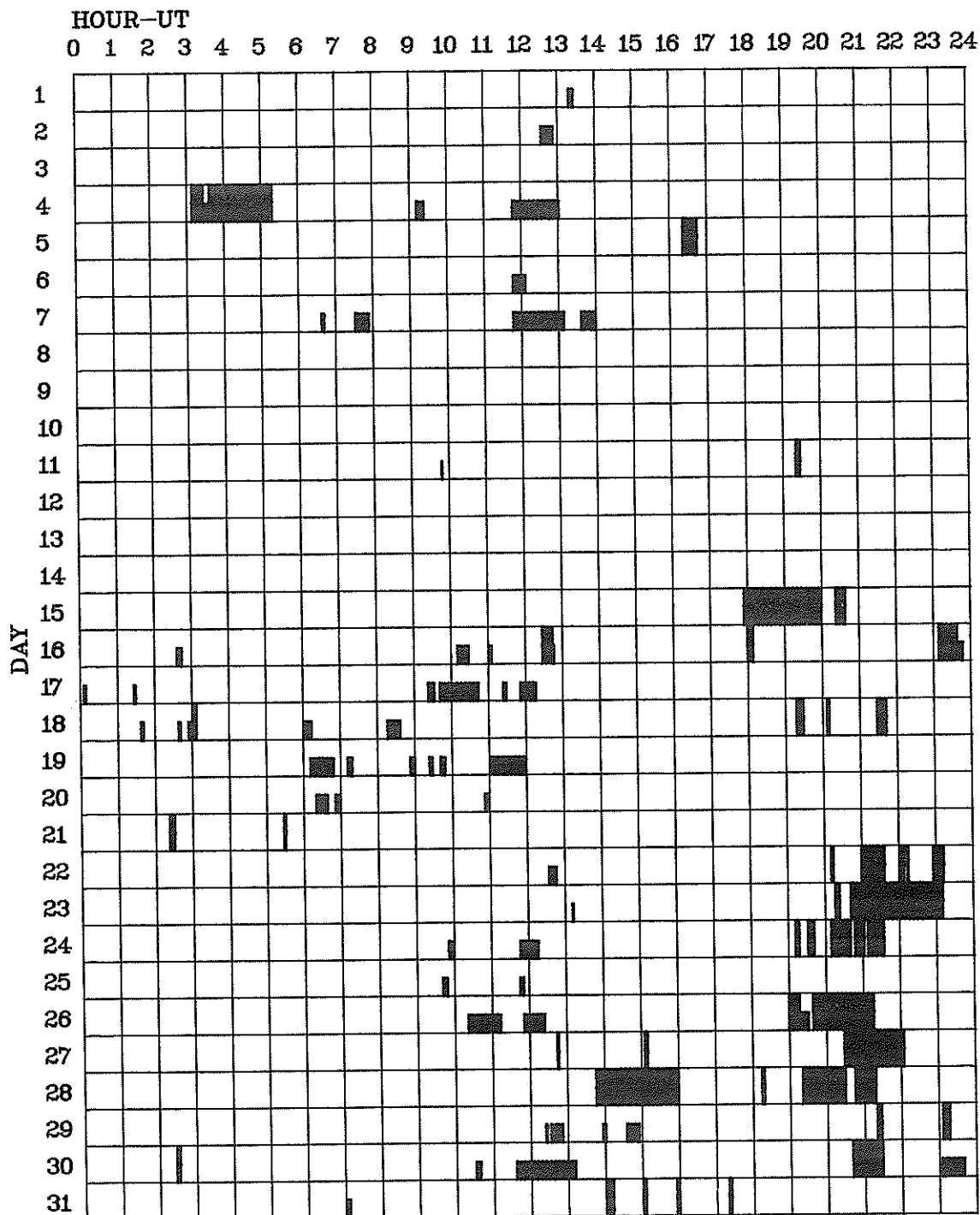
"Remarks":

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

JULY 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
Haute Provence
Holloman
Istanbul
Kanzelhoehe

Kharkov
Kodaikanal
Learmonth
Lvov
Manila

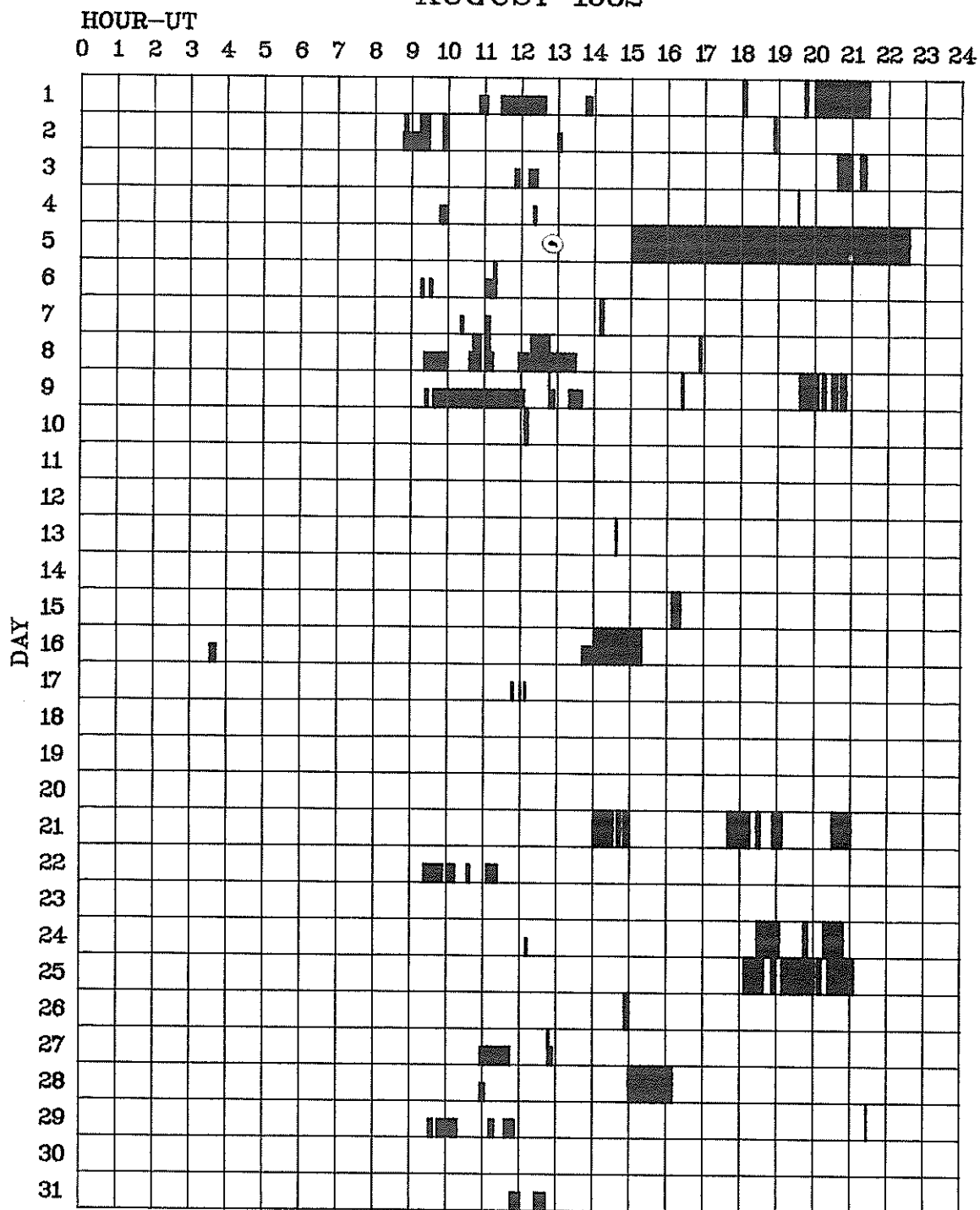
Mitaka
Monte Mario
Palehua
Peking
Purple Mt.

Ramey
Tashkent
Voroshilov
Wendelstein
Yunnan

INTERVALS OF NO FLARE PATROL OBSERVATION FOR PRECEDING SOLAR FLARE TABLE

179
Aug 82

AUGUST 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

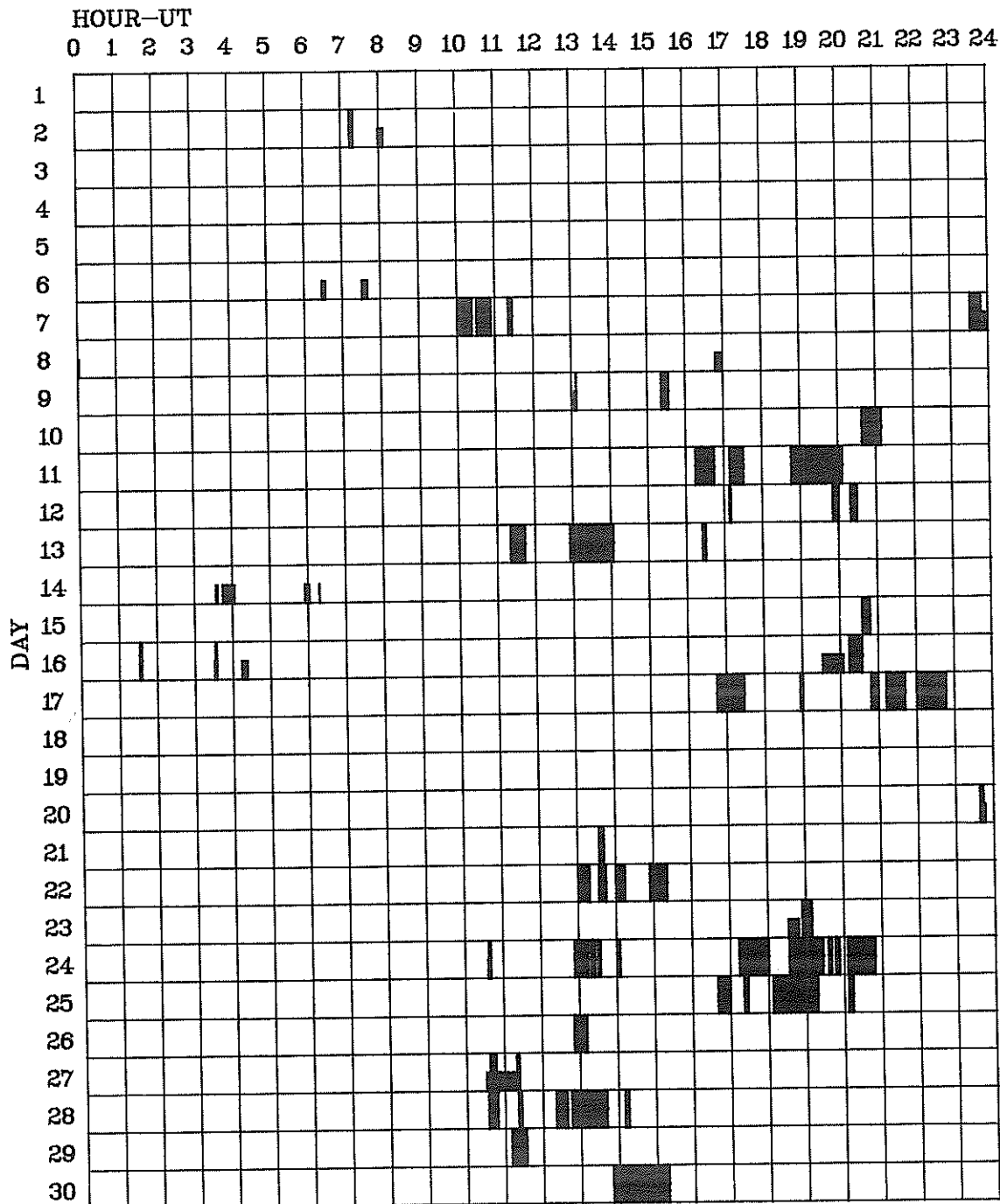
Culgoora
Haute Provence
Holloman
Istanbul
Kandilli

Kanzelhoehe
Kharkov
Learmonth
Lvov
Manila

Mitaka
Monte Mario
Palehua
Peking
Purple Mt.

Ramey
Tashkent
Voroshilov
Wendelstein
Yunnan

INTERVALS OF NO FLARE PATROL OBSERVATION FOR PRECEDING SOLAR FLARE TABLE SEPTEMBER 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
Big Bear
Bucharest
Catania

Culgoora
Haute Provence
Holloman
Istanbul
Kandilli

Kanzelhoehe
Kharkov
Learmonth
Lvov
Manila

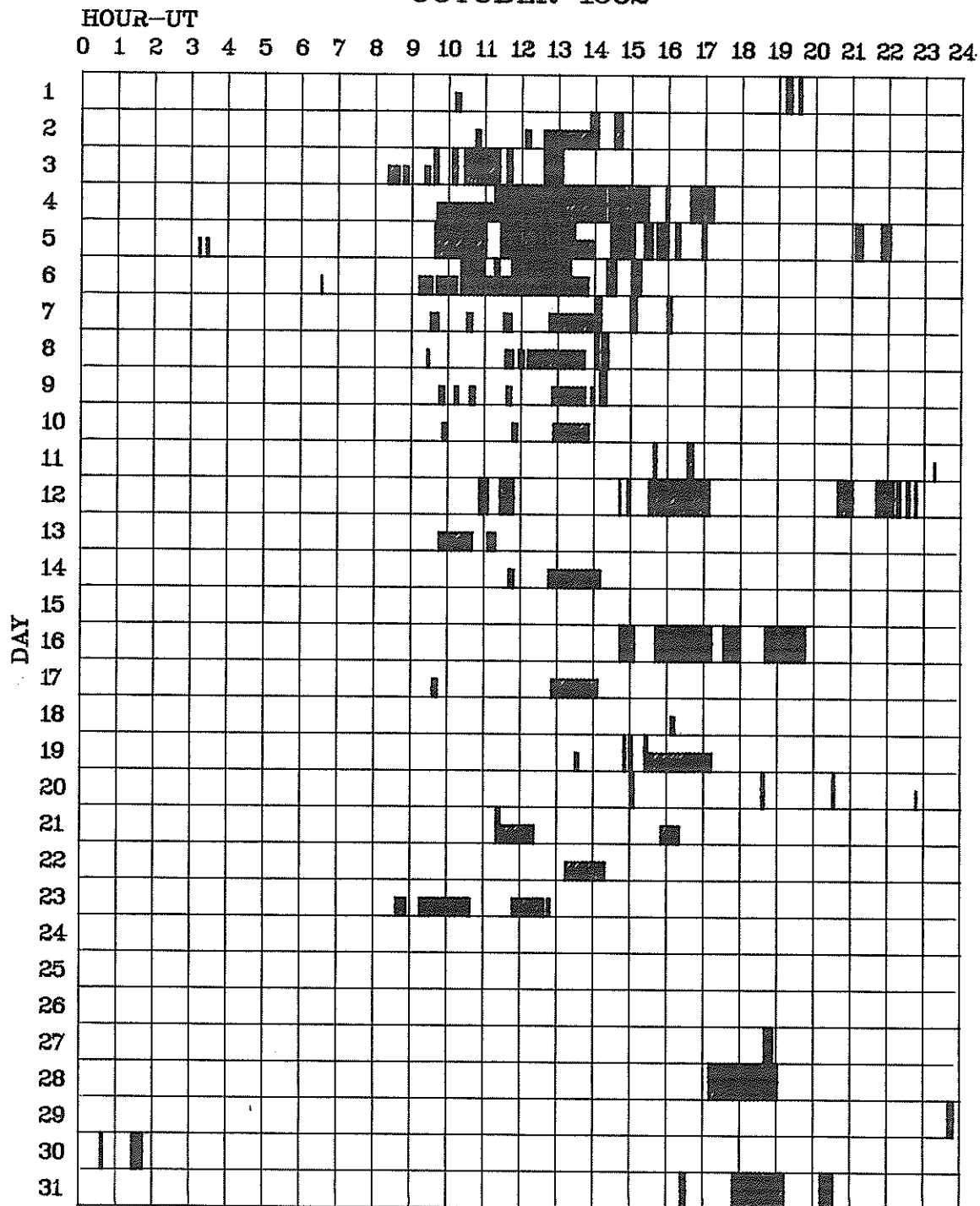
Mitaka
Monte Mario
Palehua
Peking
Purple Mt.

Ramey
Tashkent
Voroshilov
Wendelstein
Yunnan

INTERVALS OF NO FLARE PATROL OBSERVATION FOR PRECEDING SOLAR FLARE TABLE

181
Oct 82

OCTOBER 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
Bucharest
Catania

Culgoora
Haute Provence
Holloman
Istanbul
Kandilli

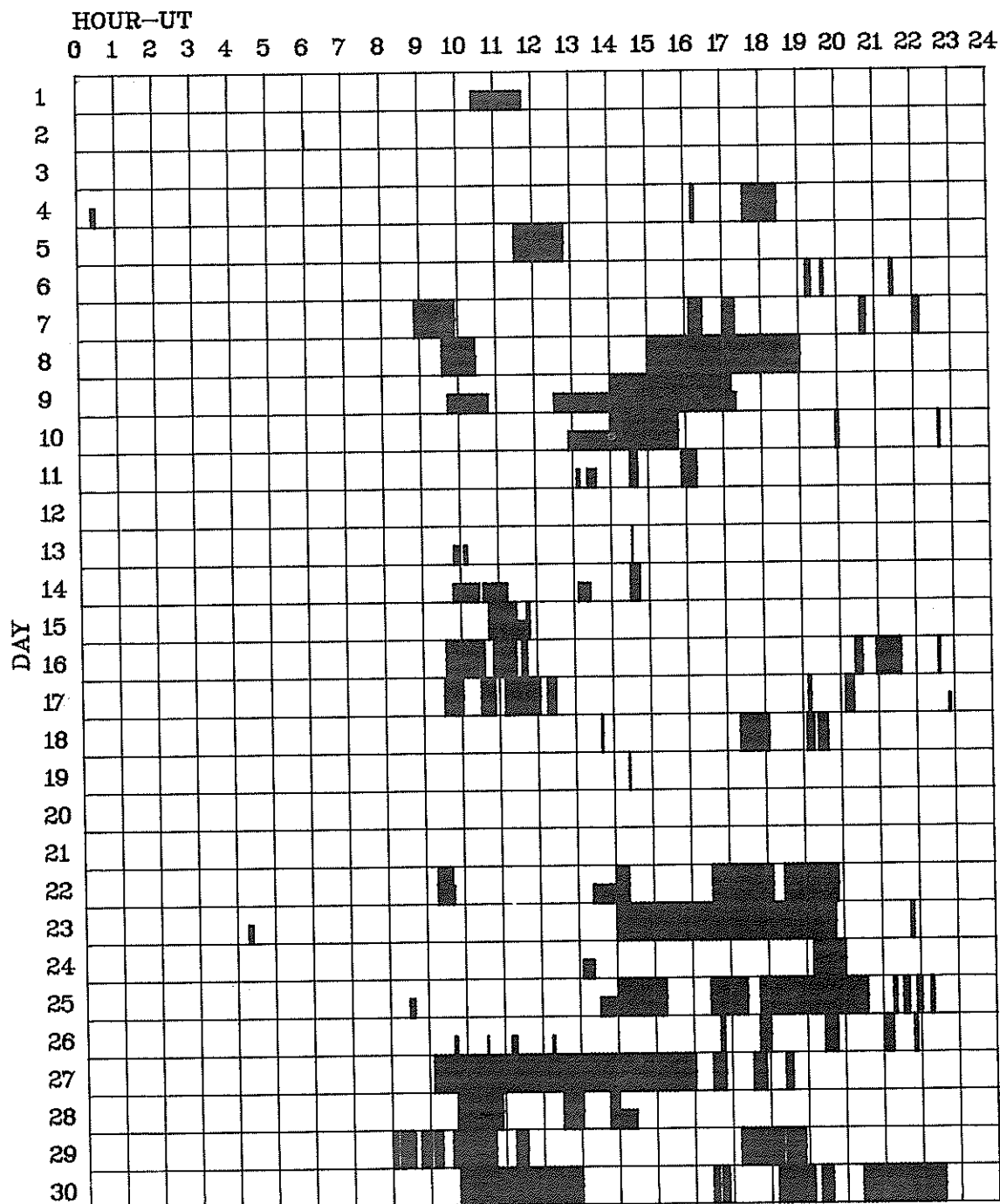
Kanzelhoehe
Kharkov
Learmonth
Lvov
Manila

Mitaka
Monte Mario
Palehua
Peking
Purple Mt.

Ramey
Tashkent
Voroshilov
Wendelstein
Yunnan

INTERVALS OF NO FLARE PATROL OBSERVATION FOR PRECEDING SOLAR FLARE TABLE

NOVEMBER 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
Bucharest
Catania

Culgoora
Holloman
Istanbul
Kandilli

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)

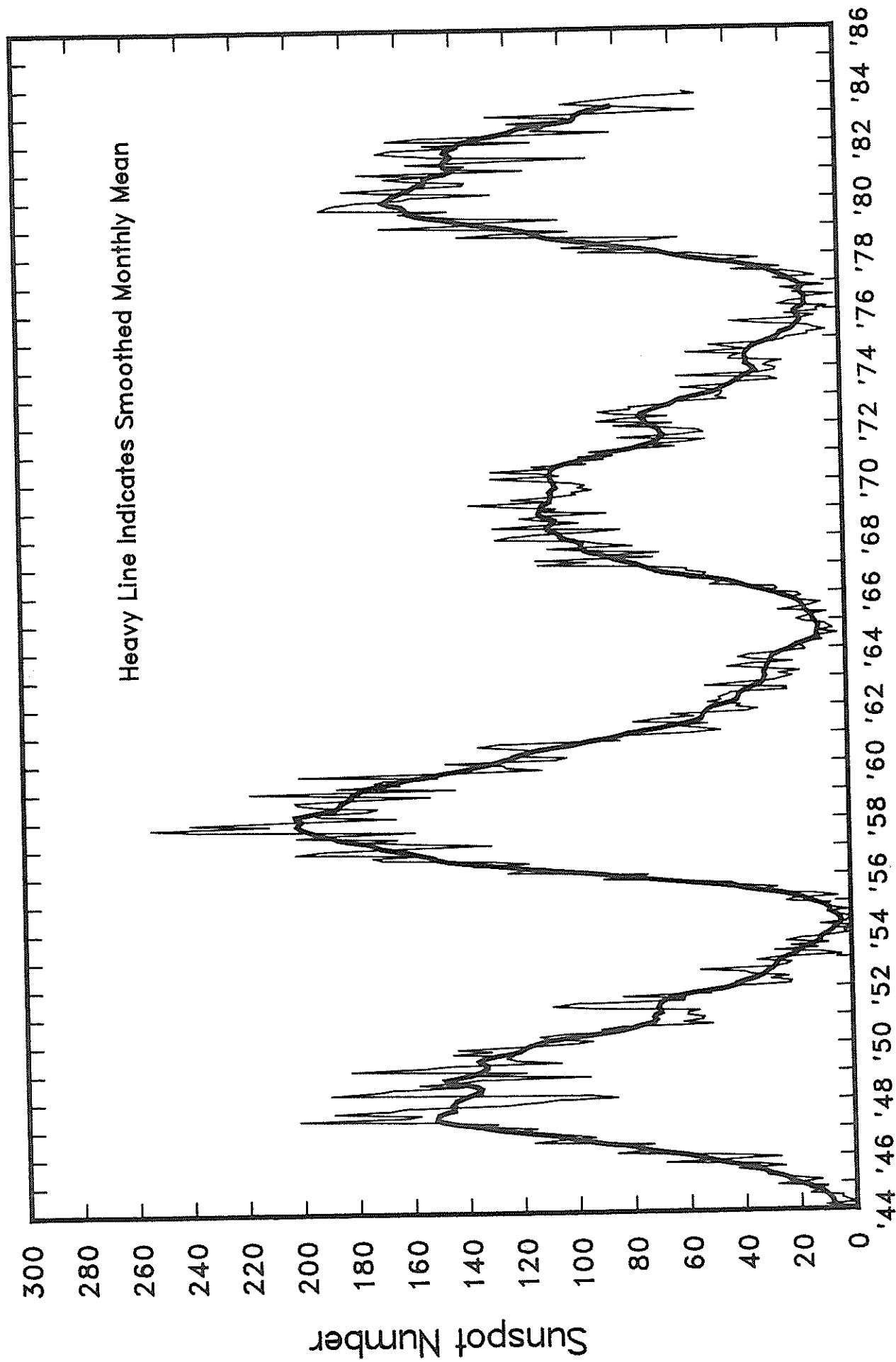
183
Nov 82

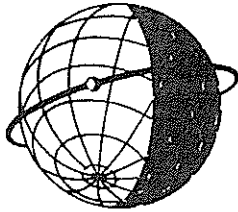
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1966								391	558	432	417	543
1967	796	589	1009	694	771	629	907	911	573	946	775	1109
1968	1037	773	519	460	768	697	573	611	616	772	556	640
1969	581	504	669	655	839	694	489	551	540	643	566	422
1970	466	646	578	688	722	836	954	780	811	797	687	667
1971	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*	696*	753*	616*	545*	565*	

* Preliminary

MONTHLY MEAN SUNSPOT NUMBERS

January 1944 - October 1983

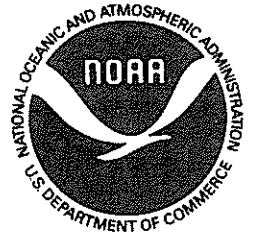




WORLD DATA CENTER A

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."