

4  
Mar 92

H $\alpha$  SOLAR FLARES

MARCH 1992

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks		
																Apparent (10-6 Disk)	Corr (Sq Deg)			
0001	VORO	01	0159	0206	0220	N03	W51	7069A	02 26.4	21	SF		1	C	0206	81	1.4	DIJT		
0002	VORO	01	0200	0201	0210	N14	W76		02 24.4	10	1F		1	C	0201	72	2.6	DIJT		
0003	VORO	01	0213	0214	0220	N17	W70		02 24.9	7	SF		1	C	0214	81	2.2	DIJT		
0004	VORO	01	0238	0241	0247	S05	W63	7069	02 25.5	9	SF		1	C	0241	54	1.2	DIJT		
0005	LEAR	01	0344	0420	0503	S13	W52	7084	02 26.3	79	SF	C 1.5	3	E		41		F		
0006	01	05331	05344	0546	S04	W74	7082	02 24.8	13	SF	C 4.7					18		EF		
	WATU	01	0533	0538	0538	S04	W76	7082	02 24.6	50	SF			P	0538	20		E		
	LEAR	01	0534	0534	0546	S04	W71	7082	02 25.0	12	SF	C 4.7	3	E		17		F		
0007	KANZ	01	1136	1136	1140	S16	W64	7084	02 25.7	4	SF		2	C						
0008	ONDR	01	1136	1142	1145	S04	W53	7069	02 26.6	9	1F			P	1142	167	2.9	E		
			01 1611		1614	No Flare Patrol														
0009	HOLL	01	1630	1631	1650	S16	W63	7084	02 26.0	20	SN	C 5.1	2	E		71		EF		
			01 1642		1648	No Flare Patrol														
			01 1727		1741	No Flare Patrol														
			01 1745		1751	No Flare Patrol														
			01 1805		1827	No Flare Patrol														
			01 1912		1919	No Flare Patrol														
			01 1930		1937	No Flare Patrol														
			01 1930		1937	No Flare Patrol														
0010	HOLL	01	1942	1947	1952	N04	W50	7070	02 27.2	10	SF	C 2.1	3	E		13				
			01 1955		2009	No Flare Patrol														
			01 2020		2025	No Flare Patrol														
			01 2107		2259	No Flare Patrol														
			01 2107		2259	No Flare Patrol														
0011	VORO	02	0248U		0300	N14	W55	7070	02 27.1	12U	SF		2	C	0254	72	1.5	DIJ		
			02 0433		0440	No Flare Patrol														
			02 0519		0559	No Flare Patrol														
0012	KANZ	02	1044	1044	1048	S07	W70	7083	02 26.3	4	SF		2	C						
			02 1455		1459	No Flare Patrol														
0013	HOLL	02	1710	1711	1719	N09	W29	7076	02 29.5	9	SF		3	E		13		F		
			02 1952		1956	No Flare Patrol														
			02 2020		2100	No Flare Patrol														
			02 2113		2138	No Flare Patrol														
0014	HOLL	02	2134E	2136U	2139	S11	W45	7072	02 28.6	5D	SF		2	E		30		H		
			02 2145		2150	No Flare Patrol														
			02 2216		2400	No Flare Patrol														
			03 0000		0000	No Flare Patrol														
0015	VORO	03	0207	0208	0211	N01	W50		02 28.4	4	SF		2	C	0208	63	1.0	DIJ		
			03 0345		0406	No Flare Patrol														
			03 0604		0609	No Flare Patrol														
0016	HTPR	03	0910		0925	S15	W90	7084	02 25.7	15	SN			C						
0017	HTPR	03	0921	0923	0935	S10	W65	7072	02 27.6	14	SF			C	0923	40				
0018	HTPR	03	1006		1045	S15	W90	7084	02 25.7	39	SN			C						
0019	KANZ	03	1112	1116	1124	N07	W36	7076	02 29.8	12	SF		2	C						
			03 1405		1456	No Flare Patrol														

H $\alpha$  SOLAR FLARES

5  
Mar '92

MARCH 1992

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	NOAA/USAF		CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks	
						Region	Lat							Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
			03 1550		1716	No Flare	Patrol											
			03 2022		2129	No Flare	Patrol											
			03 2146		2159	No Flare	Patrol											
			03 2206		2249	No Flare	Patrol											
0020		04	06001	06042	0621	S18 W30	7088	03	2.0	21	SF					42	0.1	E
	WATU	04	0600	0604	0615	S17 W31	7088	03	1.9	15	SF		P	0604	10	0.1	E	
	LEAR	04	0601	0606	0627	S19 W30	7088	03	2.0	26	SF	3	E		74			
0021	SVTO	04	0721	0723	0744	S20 W29	7088	03	2.1	23	SF	3	E		11			
0022		04	08232	08282	0838	S17 W31	7088	03	2.0	15	1N				177	2.1	DEH	
	ISTA	04	0823	0830	0835	S18 W30	7088	03	2.1	12	SN		P				D	
	HTRP	04	0824E		0843D	S18 W32	7088	03	1.9	19D	SN		C	0830	120	1.4		
	ONDR	04	0825	0828	0841U	S17 W31	7088	03	2.0	16U	1N		P	0828	234	2.8	E	
	HURB	04	0825	0830	0840	S16 W31	7088	03	2.0	15	1N		V				EH	
0023		04	08579	09046	0919	S18 W30	7088	03	2.1	22	SF C 1.5				77	1.9	DEF	
	LEAR	04	0857	0910	0919	S18 W31	7088	03	2.0	22	SF	3	E		38		F	
	HURB	04	0904	0904	0915	S16 W31	7088	03	2.0	11	SF		V				D	
	SVTO	04	0905	0909	0919	S19 W31	7088	03	2.0	14	SF C 1.5	3	E		32			
	ONDR	04	0906	0909	0922	S17 W29	7088	03	2.2	16	SN		P	0909	161	1.9	E	
0024		04	09386	09471	1001	S18 W32	7088	03	2.0	23	1N C 1.4				29		D	
	SVTO	04	0938	0947	1001	S19 W32	7088	03	1.9	23	SF C 1.4	3	E		29			
	HURB	04	0944	0948	1001	S16 W32	7088	03	2.0	17	2N		V				D	
0025		04	10052	10064	1019	N12 E71	7089	03	9.8	14	2N				72		D	
	SVTO	04	1005	1006	1018	N11 E72	7089	03	9.8	13	SF	3	E		72			
	HURB	04	1007	1010	1020	N13 E70	7089	03	9.7	13	3N		V				D	
0026		04	16072	1621*	1717	S20 W36	7088	03	1.9	70	SF C 2.6				65		F	
	HOLL	04	1607	1653	1717	S19 W37	7088	03	1.8	70	SF C 2.6	3	E		65		F	
	KANZ	04	1609	1621	1629D	S20 W36	7088	03	1.9	20D	SF	2	C					
			04 2121		2136	No Flare	Patrol											
			04 2158		2204	No Flare	Patrol											
			04 2216		2233	No Flare	Patrol											
			04 2318		2352	No Flare	Patrol											
			05 0002		0004	No Flare	Patrol											
			05 0032		0034	No Flare	Patrol											
			05 0052		0106	No Flare	Patrol											
0027	MITK	05	0550	0606	0620	S18 W30	7088	03	2.9	30	SN		C	0606				
0028	HURB	05	0812	0820	0830	N03 E43	7092A	03	8.5	18	1N		V				D	
0029	HURB	05	0823	0832	0838	S09 E80	7091	03	11.3	15	1N		V				AD	
0030	KANZ	05	1108	1128	1144	S11 E82	7091	03	11.6	36	SF	2	C					
0031	KANZ	05	1208	1208	1220	N04 W08	7090	03	4.9	12	SF	2	C					
0032	HOLL	05	1629	1631	1645	N14 E56	7089	03	9.9	16	SF	3	E		17		F	
0033	HOLL	05	1642	1644	1651	N04 W12	7090	03	4.8	9	SF	3	E		21			
0034	HOLL	05	1755	1802	1813	S19 W48	7088	03	2.1	18	SF	3	E		20			
			06 1021		1033	No Flare	Patrol											
			06 1043		1117	No Flare	Patrol											
			06 1127		1128	No Flare	Patrol											
0035	HOLL	06	1542	1543	1549	S11 E78	7091	03	12.5	7	SF	3	E		10			
0036		06	23122	23142	2324	S12 E67	7091	03	12.0	12	SF C 1.0				76		F	
	HOLL	06	2312	2314	2325	S12 E67	7091	03	12.0	13	SF C 1.0	3	E		86		F	
	LEAR	06	2314	2316	2324	S11 E67	7091	03	12.0	10	SF	3	E		65		F	

6  
Mar 92

H $\alpha$  SOLAR FLARES

MARCH 1992

Grp #	Sta	Start Day	Max (UT)	End (UT)	Lat	NOAA/USAF Region	CMP Mo	Dur Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Area Measurement			Remarks		
														Time (UT)	Apparent (10 <sup>-6</sup> Disk)	Corr (Sq Deg)			
0037	LEAR	07	0206	0206	S23	E82 7093	03	13.4	14	SF	C	5.0	3	E		17			
0038	HTPR	07	1456	1458	S04	E27 7097A	03	9.6	14	SN				C	1458	60	0.7	E	
0039	HTPR	07	1532	1534	S04	E27 7097A	03	9.7	6	SN				C	1534	60	0.7	D	
0040	HOLL	07	2056	2058	S16	W54 7081	03	3.8	5	SF			3	E		10			
0041	08	0032*	0052*	0141	S25	E70 7093	03	13.4	69	SF	M	1.0				86		EF	
	LEAR	08	0032	0052	0145	S25	E71 7093	03	13.5	73	SF			3	E		47		
	PALE	08	0033	0052	0154	S24	E69 7093	03	13.3	81	SF	M	1.0	3	E		60		F
	MITK	08	0055	0108	0123	S27	E70 7093	03	13.5	28	1N				C	0108	150		E
0042	VORO	08	0132	0133	S07	W57 7081	03	3.8	5	SF			2	C	0133	54	1.0	DJ	
0043	08	15011	1514*	1704	S12	E52 7091	03	12.5	123	SF	C	3.4				77		F	
	KANZ	08	1501	1514	1542D	S13	E52 7091	03	12.5	41D	SF			2	C				
	RAMY	08	1502	1628	1704	S12	E51 7091	03	12.5	122	SF	C	3.4	3	E		77		F
0044	KANZ	08	1538	1542U	S36	E08 7097	03	9.3	4D	SF			2	C					
0045	08	1706	17218	1921	S05	E51 7091	03	12.5	135	2N	M	4.9				355		FKU	
	RAMY	08	1706	1721	1921	S05	E51 7091	03	12.5	135	2F				E		253		K
	RAMY	08	1706	1729	1921	S05	E51 7091	03	12.5	135	2N	M	4.9	3	E		457		UF
0046	08	1922	1928	2003	S12	E48 7091	03	12.4	41	SF						42		F	
	RAMY	08	1922	1928	1943	S12	E49 7091	03	12.5	21	SF			3	E		46		F
	HOLL	08	1935E	1937U	2023	S11	E48 7091	03	12.4	48D	SF			2	E		39		F
0047	HOLL	08	2050	2056	S11	E42 7091	03	12.0	14	SF			2	E		11			
0048	HOLL	08	2111	2114	S17	W67 7081	03	3.8	10	SF	C	1.5	3	E		40			
0049	HOLL	08	2247	2248	2300	S10	E46 7091	03	12.4	13	SF			3	E		24		
		08	2331		2333	No Flare Patrol													
		08	2335		2337	No Flare Patrol													
0050	PEKG	09	0042	0044	0112	S05	E07 7097A	03	9.5	30	SN				C	0044	42	0.4	D
0051	PEKG	09	0240	0245	0319	S11	E48 7091	03	12.7	39	SF				C	0245	126	1.9	E
0052	09	06423	06433	0700	S07	W05 7096	03	8.9	18	SN	C	3.0				74		1.0	DE
	PEKG	09	0642	0643	0655	S07	W04 7096	03	9.0	13	SN				P	0643	84	0.9	D
	MITK	09	0642	0644D		S07	W05 7096	03	8.9		SN				P	0644			
	TACH	09	0645	0646	0705	S05	W05 7096	03	8.9	20	SB			2	C	0646	112	1.2	E
	SVTO	09	0648E	0648U	0701	S08	W05 7096	03	8.9	13D	SF	C	3.0	2	E		25		
0053	KANZ	09	1134	1134	1142	S07	W07 7096	03	8.9	8	SF			2	C				
0054	09	11522	1156*	1250	N14	E04 7089	03	9.8	58	1F	C	3.6				68			EFK
	SVTO	09	1152	1156	1258	N13	E03 7089	03	9.7	66	SF	C	3.6	3	E		48		F
	SVTO	09	1152	1213	1258	N13	E03 7089	03	9.7	66	1F				E		115		K
	KANZ	09	1154	1214	1246	N14	E04 7089	03	9.8	52	1F			2	C				EF
	RAMY	09	1200E	1202U	1238	N14	E06 7089	03	9.9	38D	SF			2	E		40		F
0055	09	13371	1338	1347	S06	W08 7096	03	9.0	10	SF	C	1.6				29			
	SVTO	09	1337	1338	1348	S07	W09 7096	03	8.9	11	SF	C	1.6	3	E		29		
	KANZ	09	1338	1338	1346	S06	W08 7096	03	9.0	8	SF			2	C				
0056	09	14491	1450	1504	S29	E86 7099	03	16.3	15	SF						21			
	SVTO	09	1449	1450	1454	S29	E87 7099	03	16.4	5	SF			3	E		21		
	KANZ	09	1450	1450	1514	S29	E84 7099	03	16.2	24	SF			2	C				
0057	KANZ	09	1614	1614	1618D	S29	E84 7099	03	16.3	4D	SF			2	C				
0058	09	1726	17261	1744	S14	E37 7094B	03	12.5	18	SF	C	1.3				24			F
	RAMY	09	1726	1726	1746	S14	E37 7094B	03	12.5	20	SF	C	1.3	3	E		17		F
	PALE	09	1726	1727	1743	S13	E37 7094B	03	12.5	17	SF			3	E		30		F

H $\alpha$  SOLAR FLARES

7  
Mar 92

MARCH 1992

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	NOAA/USAF Region	CMP Mo	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks	
														Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0059	PALE	10	0049	0050	0110D	S12 E87	7098	03	16.6	21D	SF	3	E		58			
0060		10	0703*	0726	0847	S26 E86	7099	03	17.0	104	SF				72		T	
	SVTO	10	0703	0726	0824	S26 E87	7099	03	17.0	81	SF	3	E		72			
	HTPR	10	0820		0910	S27 E85	7099	03	17.0	50	SF		C				T	
0061	SVTO	10	0722	0723	0742	S11 E22	7091	03	12.0	20	SF C	1.4	3	E		25	F	
0062	SVTO	10	0900	0900	0908	S11 E26	7091	03	12.3	8	SF		3	E		15		
0063	HTPR	10	0920		0955	S27 E85	7099	03	17.0	35	SF		C				AT	
0064	SVTO	10	1033	1036	1046	S07 W17	7096	03	9.2	13	SF		3	E		17	F	
0065	KHAR	10	1105U		1117U	S06 W20	7096	03	9.0	12U	SF	1	V	1107			D	
0066	HTPR	10	1300		1358D	S27 E85	7099	03	17.2	58D	SF		C				AT	
0067	HOLL	10	1450	1458	1517	S06 W21	7096	03	9.0	27	SF		3	E		31	F	
			10 1726		1739	No Flare Patrol												
0068	HOLL	10	1941E	1951	2049	S27 E79	7099	03	17.0	68D	SF C	1.2	3	E		51	H	
0069	HOLL	10	2054	2055	2107	S29 E74	7099	03	16.7	13	SF		3	E		14		
0070	PALE	10	2136E	2136U	2151D	S27 E79	7099	03	17.0	15D	SF		3	E		13		
0071	HOLL	10	2358E	2405U	2430D	S29 E82	7099	03	17.4	32D	SF		3	E		50		
			11 0130		0132	No Flare Patrol												
0072	LEAR	11	0254	0255	0257	S30 E75	7099	03	17.0	3	SF C	1.3	3	E		18		
0073	WATU	11	0427	0428	0431	S09 E12	7091	03	12.1	4	SF		C	0428	10	0.1	D	
0074		11	0656	0700	0734	S22 E75	7099	03	17.0	38	1F C	3.7			140		F	
	SVTO	11	0656	0700	0741	S23 E76	7099	03	17.1	45	1F		2	E	181		F	
	LEAR	11	0658	0700	0726	S22 E75	7099	03	17.0	28	1F C	3.7	3	E	176		F	
	YUNN	11	0709E	0709U	0714	S21 E75	7099	03	17.0	5D	SN		P	0709	63		F	
	KANZ	11	0733E	0733U	0757	S20 E73	7099	03	16.9	24D	SF		2	C				
0075		11	09051	09063	0918	N14 W13	7089	03	10.4	13	SF C	1.3			35			
	KANZ	11	0905	0909	0917	N15 W13	7089	03	10.4	12	SF		2	C				
	SVTO	11	0906	0906	0918	N14 W13	7089	03	10.4	12	SF C	1.3	2	E		35		
0076	HOLL	11	1453	1503	1511	S16 E68	7100	03	16.8	18	SF		3	E		21		
0077	HOLL	11	1757	1809	1821	S06 W37	7096	03	9.0	24	SF B	8.8	3	E		21		
0078		11	1827	18281	1841	S07 W36	7096	03	9.1	14	SF B	8.8			28		F	
	PALE	11	1827	1828	1837	S07 W35	7096	03	9.1	10	SF		3	E	24		F	
	RAMY	11	1827	1828	1851D	S07 W36	7096	03	9.1	24D	SF B	8.8	3	E	23		F	
	HOLL	11	1827	1829	1845	S06 W36	7096	03	9.1	18	SF		3	E	38		F	
0079		11	2015	2016	2040D	S10 E08	7091	03	12.4	25D	SF				35		F	
	PALE	11	2015E	2015U	2026D	S10 E10	7091	03	12.6	11D	SF		3	E	29		F	
	HOLL	11	2015	2016	2040D	S09 E07	7091	03	12.4	25D	SF		3	E	41		F	
			11 2145		2400	No Flare Patrol												
0080		12	09214	09251	0946	S27 E64	7099	03	17.4	25	SN C	1.7			79	2.6	H	
	HTPR	12	0921	0926	0945	S25 E62	7099	03	17.2	24	SB		C	0926	100			
	KANZ	12	0925	0925	0945	S28 E64	7099	03	17.4	20	SF		2	C				
	KHAR	12	0926E		0948	S28 E68	7099	03	17.7	22D	1N		2	V	0928	100	2.6	H
	SVTO	12	0926E	0926U	0946	S27 E63	7099	03	17.3	20D	SF C	1.7	1	E	38			
0081	HTPR	12	1144	1146	1200	S26 E55	7099	03	16.8	16	SN		C	1146	60	1.0	D	

8  
Mar 92

H $\alpha$  SOLAR FLARES

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														Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0082		12	14252	14275	1442	S25 E53	7099	03	16.7	17	SF B 9.6							
	HTPR	12	1425	1427	1435	S26 E53	7099	03	16.7	10	SN		C	1427	38	1.0	D	
	KANZ	12	1426	1432	1456	S25 E52	7099	03	16.6	30	SF	2	C		60	1.0	D	
	HOLL	12	1427	1428	1437	S25 E52	7099	03	16.6	10	SF	3	E		27			
	SVTO	12	1427	1429	1439	S24 E54	7099	03	16.8	12	SF B 9.6	4	E		27			
0083	KANZ	12	1508	1512	1520	S25 E51	7099	03	16.6	12	SF	2	C					
0084	HOLL	12	1636	1647	1652	S16 E54	7100	03	16.8	16	SF B 8.5	3	E		11			
0085	HOLL	12	1734	1738	1748	S25 E52	7099	03	16.8	14	SF	3	E		26			
0086	HOLL	12	1752	1752	1817	S25 E09	7093	03	13.4	25	SF B 9.9	3	E		19		F	
0087		12	18121	18145	1822	S19 E54	7100	03	16.9	10	SF				24		H	
	HOLL	12	1812	1819	1825	S19 E54	7100	03	16.9	13	SF	3	E		31		H	
	RAMY	12	1813	1814	1818	S19 E55	7100	03	16.9	5	SF	3	E		16			
0088	HOLL	12	1857	1858	1904	S38 W46	7097	03	9.1	7	SF	3	E		25			
0089	WATU	13	0011	0016	0022	S09 W14	7091	03	11.9	11	SN		C	0016	10	0.1	E	
0090		13	00281	0032	0040	S08 W06	7091	03	12.6	12	SF				26	0.2	EF	
	LEAR	13	0028	0032	0044	S09 W06	7091	03	12.6	16	SF	3	E		32		F	
	WATU	13	0029	0032	0037	S07 W07	7091	03	12.5	8	SF		C	0032	20	0.2	E	
0091	WATU	13	0154	0157	0200	S08 W16	7091	03	11.9	6	SF		C	0157	10	0.1		
0092	SVTO	13	0859	0902	0909	S28 E51	7099	03	17.4	10	SF	3	E		17			
0093	YUNN	13	0906	0908U	0917D	S08 W19	7091	03	11.9	11D	SN		P	0908	16	0.2	E	
0094		13	09203	09231	0932	S18 E48	7100	03	17.0	12	1N C 2.7				33		F	
	ISTA	13	0920	0923	0933	S18 E49	7100	03	17.1	13	1B		P				F	
	SVTO	13	0923	0924	0931	S17 E46	7100	03	16.9	8	SF C 2.7	3	E		33			
0095		13	0938	0940	0949	S24 E14	7104	03	14.5	11	SF				35		EF	
	KANZ	13	0938E	0938U	0946	S24 E13	7104	03	14.4	8D	SF	2	C					
	SVTO	13	0938	0940	0950	S24 E14	7104	03	14.5	12	SF	3	E		35		F	
	ISTA	13	0945E		0951	S23 E15	7104	03	14.6	6D 1N			P				E	
0096	KANZ	13	1053	1057	1109D	S30 E47	7099	03	17.1	16D	SF	2	C					
0097		13	1105	1105	1117	S08 W17	7091	03	12.2	12	SF C 1.3				13			
	KANZ	13	1105	1105	1109D	S09 W18	7091	03	12.1	4D	SF	2	C					
	RAMY	13	1105E	1105U	1117	S08 W16	7091	03	12.3	12D	SF C 1.3	2	E		13			
0098	SVTO	13	1326	1327	1332	S16 E41	7100	03	16.7	6	SF B 8.8	3	E		38			
0099	HOLL	13	1529	1535	1556	S08 W20	7091	03	12.1	27	SF C 1.2	3	E		28		F	
0100	HOLL	13	1618	1618	1625	S16 E39	7100	03	16.6	7	SF	3	E		15			
0101		13	1620	16201	1634	S04 W60	7096	03	9.2	14	SN C 2.4				29		F	
	HOLL	13	1620E	1620	1639	S05 W61	7096	03	9.1	19D	SN	3	E		47		F	
	RAMY	13	1620	1621	1628	S04 W60	7096	03	9.2	8	SF C 2.4	3	E		11		F	
0102	HOLL	13	1851	1857	1907	S08 W22	7091	03	12.1	16	SF	3	E		13		F	
0103	HOLL	13	1900	1906	1914	S16 E40	7100	03	16.8	14	SF C 1.3	3	E		15		F	
0104	HOLL	13	1901	1902	1914	S29 E46	7099	03	17.4	13	SF	3	E		15		F	
0105	HOLL	13	1932	1936	1948	S26 W04	7093	03	13.5	16	SF	3	E		25		F	
0106	HOLL	13	1957	1958	2002	S16 E37	7100	03	16.6	5	SN C 1.1	3	E		38			
0107	HOLL	13	2137	2142	2154	S15 E36	7100	03	16.6	17	SF B 9.6	3	E		58			

# H $\alpha$ SOLAR FLARES

9  
Mar 92

MARCH 1992

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)	
0108	WATU	14	0107	0111	0114	S16	E27	7100	03 16.1	7	SF	C	0111	10	0.1	E
0109	14	02362	02396	0257	S24	W09	7093	03 13.4	21	SN	C 1.6			64	0.8	F
	YUNN	14	0236	0245	0305	S22	W09	7093	03 13.4	29	SB	C		79	0.9	F
	WATU	14	0237	0239	0252	S23	W09	7093	03 13.4	15	SN	C	0239	60	0.7	F
	LEAR	14	0238	0241	0255	S26	W09	7093	03 13.4	17	SF C 1.6	3 E		53		F
0110	14	1354*	1421*	1505	S28	W14	7093	03 13.5	71	SF C 3.2				123	3.5	FSU
	SVTO:	14	1354	1421	1509D	S26	W15	7093	03 13.4	75D	SF	3 E		54		F
	RAMY	14	1415	1431	1447	S27	W14	7093	03 13.5	32	SF C 3.2	3 E		37		F
	HOLL	14	1416E	1429	1514	S27	W14	7093	03 13.5	58D	SF	3 E		80		F
	HTPR	14	1501E		1515	S30	W12	7093	03 13.7	14D	1F	C	1501	320	3.5	SU
0111	HOLL	14	1943	1943	1953	S25	E26	7099	03 16.8	10	SF	3 E		10		
0112	HOLL	14	2223	2235	2305	S26	W04	7104	03 14.6	42	SF	3 E		30		F
0113	LEAR	14	2358	2404	2409	S07	W80	7096	03 9.0	11	SF C 1.4	3 E		22		
0114	15	0120*	0130*	0331	S15	E27	7100	03 17.1	131	2B M 7.8				468	5.4	EFK
	WATU	15	0120	0132	0250	S17	E28	7100	03 17.2	90	1B	C	0132	200	2.4	F
	YUNN	15	0120	0147	0413	S16	E25	7100	03 16.9	173	2B	C		943	10.9	F
	LEAR	15	0121	0130	0350	S14	E29	7100	03 17.2	149	3B	E		311		F
	LEAR	15	0121	0146	0350	S14	E29	7100	03 17.2	149	3B M 7.8	3 E		923		K
	PALE	15	0121	0152	0426D	S16	E26	7100	03 17.0	185D	1M	3 E		181		F
	MITK	15	0127E	0152	0300D	S16	E26	7100	03 17.0	93D	2M	C	0152	640	7.5	F
	WATU	15	0235	0247	0252	S14	E25	7100	03 17.0	17	SN	C	0247	80	0.9	E
0115	YUNN	15	0236	0241	0300	S25	W06	7104	03 14.6	24	SN	C		94	1.0	E
0116	15	03571	04082	0422	S26	W07	7104	03 14.6	25	SN				56	0.9	F
	YUNN	15	0357	0410	0425	S26	W06	7104	03 14.7	28	SN	C		79	0.9	F
	LEAR	15	0358	0408	0420	S27	W08	7104	03 14.5	22	SF	3 E		32		F
0117	LEAR	15	0418	0421	0431	S28	E25	7099	03 17.1	13	SF	3 E		39		
0118	SVTO	15	0730	0737	0739	S27	E22	7099	03 17.0	9	SF	3 E		13		
0119	SVTO	15	0802	0809	0835	S28	W10	7104	03 14.5	33	SF	3 E		17		
0120	15	08283	0845*	1015	S18	W26	7105	03 13.4	107	SF C 4.8				72		
	SVTO	15	0828	0845	1016	S18	W22	7105	03 13.7	108	SF C 4.8	3 E		97		
	SVTO	15	0831	0857	1017	S17	W29	7105	03 13.1	106	SF	3 E		47		
	KANZ	15	0926E	0926U	1006	S18	W23	7105	03 13.6	40D	SF	2 C				
	KANZ	15	0926E	0926U	1022	S17	W28	7105	03 13.3	56D	SF	2 C				
0121	SVTO	15	0832	0845	1009	S26	W26	7093	03 13.3	97	SF	3 E		35		F
0122	KANZ	15	0954	0954	1010	S37	W74	7097	03 9.4	16	SF	2 C				
0123	SVTO	15	1019	1031	1119	S27	W27	7093	03 13.3	60	SF	3 E		66		
0124	SVTO	15	1026	1028	1037	S16	W30	7105	03 13.1	11	SF	3 E		14		
	15	1106		1115	No Flare Patrol											
0125	SVTO	15	1120	1154	1159	S12	W42	7091	03 12.3	39	SF	3 E		20		
	15	1228		1232	No Flare Patrol											
	15	1234		1235	No Flare Patrol											
	15	1242		1256	No Flare Patrol											
	15	1301		1310	No Flare Patrol											
	15	1314		1334	No Flare Patrol											
0126	HOLL	15	1610	1626	1642	S24	W15	7104	03 14.5	32	SF	3 E		30		F
0127	15	17131	17151	1722	S10	W50	7091	03 12.0	9	SF				26		F
	HOLL	15	1713	1715	1721	S09	W49	7091	03 12.0	8	SF	3 E		21		F
	PALE	15	1714	1716	1724	S10	W50	7091	03 12.0	10	SF	3 E		32		F

10  
Mar 92

H $\alpha$  SOLAR FLARES

MARCH 1992

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (Min)	Opt	Xray	Imp See	Obs Type	Time (UT)	Area Measurement		Remarks	
																	Apparent (10-6 Disk)	Corr (Sq Deg)		
0128	PALE	15	1802E	1802U	1808	S16	E11	7100	03	16.6	60	SF		4	E		26			
0129	PALE	15	1858	1900	1913	S09	W51	7091	03	12.0	15	SF	C 1.2	4	E		22		F	
0130	HOLL	15	1950	1951	1955	S27	E14	7099	03	16.9	5	SF	C 1.2	3	E		23			
0131	HOLL	15	2010	2012	2030	S24	E13	7099	03	16.8	20	SF	C 1.2	3	E		28		F	
0132		16	0245*	0248*	0308	S24	W18	7104	03	14.7	23	SF					30	0.4	DE	
	YUNN	16	0245	0248	0307	S23	W19	7104	03	14.6	22	SF			C		31	0.4	E	
	WATU	16	0300	0304	0308	S25	W18	7104	03	14.7	8	SF			C	0308	30	0.3	D	
0133		16	0328	0331	0346	S26	W19	7104	03	14.7	18	SF	C 2.2				30		F	
	LEAR	16	0328	0331	0342	S27	W19	7104	03	14.7	14	SF	C 2.2	3	E		33			
	PALE	16	0331E	0331U	0349	S26	W19	7104	03	14.7	180	SF		3	E		26		F	
0134	PALE	16	0347	0347	0402	S09	W57	7091	03	11.9	15	SF	C 2.4	3	E		24		F	
0135		16	0605I	0607I	0622	S25	W21	7104	03	14.6	17	SN	C 5.8				72	0.9	EF	
	WATU	16	0605	0608	0621	S25	W21	7104	03	14.6	16	SN			C	0608	80	0.9	E	
	LEAR	16	0606	0607	0622	S25	W21	7104	03	14.6	16	SN	C 5.8	3	E		64		F	
0136		16	0750E	0750	0752	S28	E07	7099	03	16.9	20	SN					56	0.6		
	CATA	16	0750E	0750	0750	S28	E07	7099	03	16.9	20	SB		1	P	0750	56	0.6		
	KANZ	16	0755E		0755	S27	E07	7099	03	16.9	20	SF		2	C					
0137		16	0750E	0750	0754	S26	W20	7104	03	14.8	40	SN					56	0.6		
	CATA	16	0750E	0750	0750	S27	W20	7104	03	14.8	40	SB		1	P	0750	56	0.6		
	KANZ	16	0755E		0759	S26	W20	7104	03	14.8	40	SF		2	C					
0138	SVTO	16	0807	0957	1004	S12	W42	7091	03	13.2	117	SF		3	E		19			
0139		16	0828*	0845*	1016	S20	W24	7104	03	14.5	108	SF					72			
	SVTO	16	0828	0845	1016	S18	W22	7104	03	14.7	108	SF		3	E		97			
	SVTO	16	0831	0857	1017	S17	W29	7104	03	14.1	106	SF		3	E		47			
	KANZ	16	0851	0851	0855D	S26	W22	7104	03	14.6	40	SF		2	C					
0140		16	1537E	1539	1548	S26	E01	7099	03	16.7	11	SF					20		F	
	HOLL	16	1537	1539	1550	S27	E01	7099	03	16.7	13	SF		2	E		20		F	
	KANZ	16	1539	1539	1547	S26	E01	7099	03	16.7	8	SF		2	C					
0141	HOLL	16	2013	2019	2050	S15	E01	7100	03	16.9	37	SF	C 2.9	3	E		47			
0142		17	0012	0012I	0018	N12	W52	7094	03	13.1	6	SF					44	1.6	DJ	
	VORO	17	0010E	0013	0020	N13	W53	7094	03	13.0	100	SF		2	C	0013	72	1.6	DJ	
	LEAR	17	0012	0012	0017	N12	W52	7094	03	13.1	5	SF		3	E		15			
0143	VORO	17	0040	0044	0054	S15	W32		03	14.6	14	SF		2	C	0044	90	1.1	DIJ	
0144	YUNN	17	0158E	0158U	0222	S07	W82	7106	03	10.9	240				P	0158			A	
0145	HTPR	17	0958	1003	1015	N04	E75	7108	03	23.0	17	SF			C				D	
0146	SVTO	17	1002	1006U	1028D	S22	W07	7099	03	16.9	260	SF	C 1.1	2	E		10			
0147	KANZ	17	1112E	1112U	1116	N01	E73	7108	03	22.9	40	SF		2	C					
0148	HTPR	17	1425		1445	N10	E90	7109	03	24.4	20	SF			C					
0149	KANZ	17	1550	1554	1557D	S27	W03	7099	03	17.4	70	SF		2	C					
		17	1633		1712	No Flare Patrol														
		17	1727		1737	No Flare Patrol														
0150		17	1837E	1838	1912	S24	W56	7104	03	13.4	350	SF	C 1.8				82		FH	
	PALE	17	1837E	1838	1912	S24	W57	7104	03	13.4	350	SF	C 1.8	3	E		78		FH	
	HOLL	17	1844E	1852U	1911D	S23	W56	7104	03	13.5	270	SF		2	E		85		F	
0151	PALE	17	1949	1951	1958	S10	W72	7091	03	12.4	9	SF		3	E		25			

H $\alpha$  SOLAR FLARES

11  
Mar 92

MARCH 1992

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP No	Day	Dur (Min)	Imp Opt	Xray	See	Obs Type	Area Measurement			Remarks
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0152	PALE	17	2306	2310	2324	N02	E69	7108	03	23.1	18	SF	C	1.9	3	E	39		F
0153		18	0957	1001	1036	N04	E58	7108	03	22.7	39	1N	C	2.8			94	3.1	
	CATA	18	0957	1001	1001D	N02	E62	7108	03	23.0	40	1N			2	P	1001	141	3.1
	SVTO	18	1006E	1006U	1036	N06	E55	7108	03	22.5	30D	SF	C	2.8	2	E		47	
		18	1119		1132	No Flare Patrol													
0154	KANZ	18	1252	1256	1256	N08	E68	7109	03	23.6	4	SF			2	C			
		18	1301		1302	No Flare Patrol													
		18	1313		1333	No Flare Patrol													
		18	1343		1352	No Flare Patrol													
0155		18	15354	1540*	1600	N05	E59	7108	03	23.1	25	SF					46		
	HOLL	18	1535	1558	1609	N05	E59	7108	03	23.1	34	SF			3	E		79	
	SVTO	18	1539	1540	1550	N05	E59	7108	03	23.1	11	SF			3	E		12	
		18	1807		1811	No Flare Patrol													
		18	1901		1906	No Flare Patrol													
0156	HOLL	18	2014	2014	2019	S25	W73		03	13.2	5	SF			3	E		12	F
		18	2049		2056	No Flare Patrol													
0157	HOLL	18	2159	2159	2204	N04	E68	7109	03	24.0	5	SF			3	E		18	
0158	KHAR	19	1110		1130	S29	W35	7099	03	16.7	20	SF			1	V	1116		D
0159	KHAR	19	1143		1150D	N05	E64	7109	03	24.3	7D	SF			1	V	1150		DH
0160		19	14573	15055	1549	S10	E53	7109A	03	23.6	52	SF					112	3.9	EFG
	KANZ	19	1457	1505	1553	S09	E52	7109A	03	23.5	56	SF			2	C			E
	HPR	19	1500	1510	1546D	S10	E55	7109A	03	23.7	46D	1N				C	1510	230	3.9
	SVTO	19	1516E	1516U	1541	S11	E52	7109A	03	23.5	25D	SF			2	E		27	FG
	HOLL	19	1531E	1532U	1552	S11	E54	7109A	03	23.7	21D	SF			3	E		80	F
0161	HPR	19	1525		1546D	N13	W90		03	12.8	21D	SF				C			A
0162	HOLL	19	1852	1854	1857	N11	W81		03	13.7	5	SF			3	E		11	
0163	HOLL	19	1955	1958	2019	S25	W38	7099	03	16.9	24	SF	C	1.3	3	E		24	
0164		20	06094	06152	0630	S20	W38	7100	03	17.3	21	SF					40	0.6	DG
	TACH	20	0609	0617	0634	S21	W38	7100	03	17.3	25	SF			2	C	0617	51	0.6
	LEAR	20	0613	0615	0627	S19	W38	7100	03	17.3	14	SF			3	E		28	DG
0165	SVTO	20	1006	1006	1019	N05	E43	7109	03	23.6	13	SF	C	1.1	3	E		21	
0166	SVTO	20	1123	1124	1132	N05	E46	7109	03	23.9	9	SF	C	1.1	3	E		16	
0167		20	12051	1207*	1236	S18	W43	7100	03	17.2	31	1N	C	7.2			242	3.2	F
	SVTO	20	1205	1210	1239	S19	W43	7100	03	17.2	34	2N	C	7.2	3	E		325	F
	RAMY	20	1206	1207	1234	S17	W43	7100	03	17.2	28	1F			3	E		177	F
	CATA	20	1220E	1220	1220D	S17	W44	7100	03	17.2	28D	1B			1	P	1220	225	3.2
0168		20	1240	12401	1258	N04	E45	7109	03	23.9	18	SN	C	4.0			48		F
	RAMY	20	1240	1240	1254	N03	E45	7109	03	23.9	14	SF			3	E		44	F
	SVTO	20	1240	1241	1301	N05	E45	7109	03	23.9	21	SN	C	4.0	3	E		53	
0169		20	14541	15023	1525	S13	W59	7098	03	16.2	31	SN	C	2.3			115		EF
	HOLL	20	1454	1502	1537	S12	W57	7098	03	16.3	43	1N	C	2.3	3	E		169	FE
	SVTO	20	1455	1503	1524	S15	W61	7098	03	16.0	29	SN			3	E		77	
	RAMY	20	1455	1505	1515	S12	W60	7098	03	16.1	20	SF			3	E		99	F
0170	HOLL	20	1821	1831	1835	N05	E32	7108	03	23.1	14	SF			3	E		18	
0171	RAMY	20	1958	1959	2004	S03	E45	7109A	03	24.2	6	SF	C	1.3	3	E		30	H



12  
Mar 92

Ha SOLAR FLARES

MARCH 1992

Grp #	Sta	Start Day	Max (UT)	End (UT)	NOAA/USAF			Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
					Lat	CMD	Region						Mo	Day	Time (UT)	
0172		20 2114	2115	2125	N04 E28	7108	03 23.0	11	SF	C 1.2			28			
	RAMY	20 2114	2115	2125	N03 E30	7108	03 23.1	11	SF		2	E	39			
	PALE	20 2115	2117	2124D	N04 E26	7108	03 22.8	9D	SF	C 1.2	3	E	17			
		20 2151		2200	No Flare Patrol											
		20 2223		2236	No Flare Patrol											
		20 2304		2310	No Flare Patrol											
0173	WATU	21 0012		0025	S01 W27	7112	03 19.0	13	SN			C	0014	10	0.1	
0174	WATU	21 0042	0044	0048	S01 W28	7112	03 18.9	6	SF			C	0044	10	0.1	D
0175		21 0706	0713	0733	N11 E59	7110	03 25.7	27	1N	C 5.6				86	0.7	DEF
	LEAR	21 0706	0717	0753	N10 E58	7110	03 25.6	47	1N	C 5.6	3	E		142		FE
	WATU	21 0707	0713	0713	N11 E61	7110	03 25.9	6	SN			C	0713	30	0.7	D
	KANZ	21 0724E	0724U	0728D	N11 E57	7110	03 25.6	4D	1F		1	C				
0176	HTPR	21 0950		1050	S08 E90	7116	03 28.1	60	SF			C				
0177		21 1133	1139*	1317	N07 E37	7109	03 24.2	104	1N	C 4.7				149	2.5	EFKU
	HTPR	21 1133	1143	1300	N06 E35	7109	03 24.1	87	1B			C	1143	200	2.5	EFU
	SVTO	21 1135	1139	1325	N07 E38	7109	03 24.3	110	1F			E		126		K
	SVTO	21 1135	1153	1325	N07 E38	7109	03 24.3	110	1F	C 4.7	3	E		120		UF
0178		21 1316	1323	1332	N12 E56	7110	03 25.8	16	SF		3	E		20	1.8	U
	SVTO	21 1316	1323	1332	N12 E56	7110	03 25.8	16	SF			E		55	1.8	U
	HTPR	21 1320	1325	1335	N10 E57	7110	03 25.8	15	SF			C	1325	90	1.8	
		21 1423		1427	No Flare Patrol											
0179	HOLL	21 2249	2250	2309	N05 E16	7108	03 23.1	20	SF		3	E		19		
0180		22 0746	0747	0802D	N04 E23	7109	03 24.0	16D	SF					154	1.8	E
	KANZ	22 0746	0750	0802D	N05 E22	7109	03 24.0	16D	SF		2	C				
	ONDR	22 0747E	0747	0754U	N04 E24	7109	03 24.1	7U	SF			P	0747	154	1.8	E
0181	KHAR	22 0946U		0955U	S40 W9D		03 15.1	9U	SF		2	V	0946			D
0182	HOLL	22 1706	1716	1733	N10 E37	7110	03 25.5	27	SF	C 1.0	3	E		44		FM
0183	HOLL	22 2210	2213	2244	N10 E35	7110	03 25.5	34	SF	C 1.1	3	E		54		F
0184	LEAR	23 0610	0610	0621	N07 E74	7117	03 28.8	11	SF		3	E		17		
0185		23 0714	0714	0723	N08 E76	7117	03 29.0	9	SF					12		
	KANZ	23 0708E	0716	0725D	N08 E78	7117	03 29.1	17D	SF		2	C				
	SVTO	23 0714	0714	0723	N07 E73	7117	03 28.8	9	SF		3	E		12		
0186	KHAR	23 1021U		1050	N07 E79	7117	03 29.3	29U	1N		2	P	1021			HT
0187		23 1149	1203	1218	N06 E80	7117	03 29.5	29	SN	C 1.8				19		T
	KHAR	23 1141U		1145D	N07 E79	7117	03 29.4	4U	SN		2	V	1141			T
	RAMY	23 1149	1203	1218	N06 E82	7117	03 29.6	29	SF	C 1.8	3	E		19		
0188	RAMY	23 1321	1322	1328	N06 E80	7117	03 29.5	7	SF	C 1.7	3	E		20		
		23 1750		1754	No Flare Patrol											
		23 1758		1802	No Flare Patrol											
		23 1810		1814	No Flare Patrol											
		23 1816		1900	No Flare Patrol											
0189	HOLL	23 1820E	1836U	1930D	S09 E72	7116	03 29.2	70D	SF	C 3.6	2	E		53		F
		23 1906		1912	No Flare Patrol											
		23 1916		1949	No Flare Patrol											
		23 1953		2014	No Flare Patrol											
		23 2021		2032	No Flare Patrol											
		23 2110		2258	No Flare Patrol											
		23 2347		2400	No Flare Patrol											

H $\alpha$  SOLAR FLARES

13  
Mar 92

MARCH 1992

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
0190	LEAR	24	0014	0021	0037	N07	E70	7117	03	29.2	23	SF		3	E		41		
0191	LEAR	24	0513	0517	0532	S06	E59	7116	03	28.6	19	SF	C 1.6	3	E		37		
		24	0736		0807	No Flare Patrol													
		24	0819		0833	No Flare Patrol													
0192	SVTO	24	0854E	0854U	0900D	N07	E64	7117	03	29.2	60	SF	C 1.5	2	E		17		
0193	RAMY	24	1154	1154	1222	S11	E62	7116	03	29.2	28	SF		3	E		10		
0194	RAMY	24	1158	1209	1215	N07	E61	7117	03	29.1	17	SF		3	E		14		
0195	RAMY	24	1220	1224	1249	N07	E65	7117	03	29.4	29	SF	C 3.3	3	E		47		F
0196	RAMY	24	1233	1233	1238	S11	E62	7116	03	29.2	5	SF		3	E		13		
0197	HOLL	24	1504	1507	1512	N00	W22	7108	03	23.0	8	SF		3	E		34		F
0198		24	1707*	17258	1758	N05	W09	7109	03	24.0	51	SF	C 2.3				56		F
	HOLL	24	1707	1725	1802	N03	W12	7109	03	23.8	55	SF	C 2.3	3	E		82		F
	RAMY	24	1724	1733	1754	N07	W06	7109	03	24.3	30	SF		3	E		29		F
0199	HOLL	24	1844	1845	1848	N07	E58	7117	03	29.1	4	SF		3	E		13		
0200	HOLL	24	2142	2209	2244	N04	W15	7109	03	23.8	62	SF		4	E		49		F
0201	LEAR	24	2319E	2321	2351	N07	E55	7117	03	29.1	32D	SF		3	E		24		F
0202		25	0047	00513	0108	N06	E56	7117	03	29.2	21	SN					42	0.8	DF
	LEAR	25	0047	0051	0103	N07	E55	7117	03	29.1	16	SF		3	E		42		F
	PEKG	25	0050E	0054	0114	N06	E56	7117	03	29.2	24D	SB		P	0054		42	0.8	D
0203		25	01453	01508	0209	N06	E55	7117	03	29.2	24	SN					26	0.5	D
	WATU	25	0145	0158	0224	N07	E54	7117	03	29.1	39	SF		C	0158		10	0.2	
	PEKG	25	0148	0150	0154	N06	E56	7117	03	29.3	6	SN		P	0150		42	0.8	D
0204	LEAR	25	0244	0250	0253	N04	E53	7117	03	29.1	9	SF		3	E		29		
0205	LEAR	25	0456	0509	0518	S08	E51	7116	03	29.0	22	SF		3	E		32		
0206		25	0741E	0750U	0832D	N06	E52	7117	03	29.2	51D	SF					96		
	SVTO	25	0741E	0759U	0832D	N07	E51	7117	03	29.1	51D	SF		2	E		98		
	LEAR	25	0742E	0750U	0827D	N06	E53	7117	03	29.3	45D	SF		3	E		93		
0207		25	0935	09475	1002	N05	E51	7117	03	29.2	27	SN	C 6.0				99	1.6	DEF
	KHAR	25	0900U		1000	N04	E52	7117	03	29.3	60U	SN		2	P	0951	120	2.0	E
	SVTO	25	0911E	0952	1022D	N07	E50	7117	03	29.1	71D	1F	C 6.0	2	E		108		F
	HPR	25	0935	0947	1005	N04	E50	7117	03	29.1	30	SN		C	0947		70	1.2	D
0208	RAMY	25	1154	1200	1231	N04	E50	7117	03	29.2	37	SF		3	E		20		F
0209		25	1221*	12381	1306	S07	E46	7116	03	29.0	45	SF					26		F
	SVTO	25	1221	1238	1310	S05	E47	7116	03	29.0	49	SF		3	E		40		F
	RAMY	25	1236	1239	1301	S09	E46	7116	03	29.0	25	SF		3	E		13		
0210	RAMY	25	1235	1237	1240	N05	E48	7117	03	29.1	5	SF	C 2.6	3	E		26		F
0211		25	13341	1343	1352	S10	E48	7116	03	29.2	18	1F	C 3.2				76	2.2	F
	RAMY	25	1334	1343	1353	S11	E49	7116	03	29.2	19	SF	C 3.2	3	E		23		F
	HPR	25	1335	1343	1350	S10	E47	7116	03	29.1	15	1F		C	1343		130	2.2	
0212	RAMY	25	1549	1551	1558	N05	E46	7117	03	29.1	9	SF		3	E		18		F
0213	HOLL	25	1609	1610	1618	N00	W24	7109	03	23.9	9	SF		3	E		14		F
0214	HOLL	25	1612	1621	1628	S08	E45	7116	03	29.0	16	SF		3	E		28		
0215	HOLL	25	1724	1726	1754	N07	E46	7117	03	29.2	30	SB	C 7.7	2	E		89		F

14  
Mar 92

H $\alpha$  SOLAR FLARES

MARCH 1992

Grp #	Sta	Start Day	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)	
0216		25 1843	1848	1904	N06 E45	7117	03 29.1	21	SB C 7.4				72		F
	HOLL	25 1843	1848	1905	N07 E45	7117	03 29.1	22	SB	3	E		73		
	PALE	25 1844	1848	1904	N06 E45	7117	03 29.1	20	SN C 7.4	4	E		72		F
0217		26 0059	0105	0146	N06 E42	7117	03 29.2	47	SF C 4.0				46		F
	LEAR	26 0059	0105	0150	N05 E42	7117	03 29.2	51	SF C 4.0	3	E		46		F
	PALE	26 0103E	0106U	0142	N07 E41	7117	03 29.1	39D	SF	3	E		47		F
0218	WATU	26 0159E	0159	0215	N07 E39	7117	03 29.0	16D	SF		P	0159	20	0.3	E
0219		26 0346*	04063	0428	N08 E39	7117	03 29.1	42	SF C 2.6				34	0.4	F
	WATU	26 0346	0409	0439	N08 E38	7117	03 29.0	53	SF		C	0409	30	0.4	
	PALE	26 0404	0406	0417	N07 E40	7117	03 29.2	13	SF C 2.6	3	E		38		F
0220		26 0542	05432	0552	N06 E37	7117	03 29.0	10	SF C 1.7				32	0.3	DF
	LEAR	26 0542	0543	0552	N07 E39	7117	03 29.1	10	SF C 1.7	3	E		45		F
	WATU	26 0545E	0545	0545D	N06 E35	7117	03 28.8	100	SF		P	0545	20	0.3	D
0221	ISTA	26 0825		0832	N05 E40	7117	03 29.3	7	SN		P				F
0222		26 08473	0853	0900	S09 E30	7116	03 28.6	13	SN				96	1.2	EZ
	HTPR	26 0847	0853	0900	S08 E29	7116	03 28.5	13	SN		C	0853	110	1.3	
	KAND	26 0850		0900	S10 E30	7116	03 28.6	10	SN		P	0850	83	1.0	EZ
0223	KAND	26 1002		1005	N04 E31	7117	03 28.7	3	SN		P	1002	42	0.5	DH
0224	KAND	26 1055	1058	1113	S08 W14	7114	03 25.4	18	SB		P	1058	83	0.9	EG
0225	HOLL	26 1420	1424	1435	N09 W50	7108	03 22.8	15	SF	2	E		32		F
0226		26 15303	15342	1548	N06 E34	7117	03 29.2	18	SF C 1.5				22		F
	HOLL	26 1530	1536	1556	N06 E34	7117	03 29.2	26	SF	3	E		23		F
	RAMY	26 1533	1534	1540	N05 E35	7117	03 29.3	7	SF C 1.5	3	E		20		F
0227	HOLL	26 1655	1705	1708	S19 W72	7119	03 21.2	13	SF	3	E		26		
0228	HOLL	26 1724	1725	1730	N06 E31	7117	03 29.0	6	SF	3	E		20		
0229		26 18552	18581	1907	S20 W73	7119	03 21.2	12	SF				15		
	HOLL	26 1855	1859	1908	S20 W74	7119	03 21.1	13	SF	3	E		16		
	PALE	26 1857	1858	1911	S20 W74	7119	03 21.1	14	SF	4	E		16		
	RAMY	26 1857	1859	1901	S19 W72	7119	03 21.3	4	SF	3	E		13		
0230	HOLL	26 2002	2002	2007	N05 E29	7117	03 29.0	5	SF	3	E		18		
0231	HOLL	26 2017	2020	2029	S09 E28	7116	03 28.9	12	SF	3	E		11		F
0232	HOLL	26 2017	2027	2031	N05 E31	7117	03 29.2	14	SF	3	E		14		F
0233	HOLL	26 2042	2048	2052	N05 E33	7117	03 29.3	10	SF	3	E		14		FH
0234	HOLL	26 2053	2107	2116	N06 E31	7117	03 29.2	23	SF	3	E		45		
0235	HOLL	26 2055	2055	2101	S09 E28	7116	03 29.0	6	SF	3	E		11		F
0236	HOLL	26 2055	2056	2105	S20 W75	7119	03 21.1	10	SF	3	E		24		
0237	HOLL	26 2206	2206	2213	N08 E30	7117	03 29.2	7	SF	3	E		17		
0238	HOLL	26 2239	2240	2247	N07 W57	7108	03 22.7	8	SF	3	E		32		
0239	HOLL	26 2243	2244	2248	N06 E30	7117	03 29.2	5	SF	3	E		11		F
0240	HOLL	26 2310	2328	2347D	N05 E30	7117	03 29.2	37D	SF C 1.6	3	E		64		F
0241	VORO	26 2330E		2335	S13 E27	7116	03 29.0	5D	SF	2	C	2335	36	0.4	DIJT
0242		27 00426	00492	0104	S10 E25	7116	03 28.9	22	SF C 1.3				64	1.0	EFIJT
	LEAR	27 0042	0049	0103	S09 E25	7116	03 28.9	21	SF C 1.3	3	E		39		F
	VORO	27 0048	0051	0104	S10 E25	7116	03 28.9	16	SF	2	C	0051	90	1.0	EIJT

H $\alpha$  SOLAR FLARES

15  
Mar 92

MARCH 1992

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	Region								Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0243	VORO	27	0125	0127	0144	N04 E31	7117	03	29.4	19	SF		2	C	0127	81	1.0	EIJT
0244		27	02552	0300	0316	N06 E29	7117	03	29.3	21	SF					61	0.8	DFIJT
	LEAR	27	0255	0300	0316	N06 E28	7117	03	29.2	21	SF		3	E		59		F
	VORO	27	0257	0300	0301D	N05 E30	7117	03	29.4	40	SF		2	C	0300	63	0.8	DIJT
0245	KANZ	27	0936	0936	0948	S15 E48	7120	03	31.0	12	SF		2	C				
0246	SVTO	27	1136	1138	1144	N07 E22	7117	03	29.1	8	SF C 1.5		3	E		13		F
0247		27	13078	13176	1356	N06 E24	7117	03	29.3	49	SF C 2.6					23		F
	RAMY	27	1307	1317	1416	N05 E26	7117	03	29.5	69	SF C 2.6		3	E		25		
	SVTO	27	1315	1323	1336	N07 E21	7117	03	29.1	21	SF		3	E		21		F
0248	PALE	27	2028	2030	2037	S18 E38	7120	03	30.7	9	SF		3	E		13		
0249	PALE	27	2030	2033	2044D	N03 E20	7117	03	29.3	14D	SF		3	E		27		F
		27	2040		2249	No Flare Patrol												
0250	VORO	28	0001	0004	0007	N05 E25	7117	03	29.9	6	SF		2	C	0004	54	0.7	DIJT
0251	VORO	28	0020	0022	0032	S11 E12	7116	03	28.9	12	SF		2	C	0022	45	0.5	EIJT
0252		28	00413	00432	0051	N05 E25	7117	03	29.9	10	SF					42	0.6	DIJT
	WATU	28	0041	0043	0050	N07 E25	7117	03	29.9	9	SF			C	0043	10	0.1	DIJT
	VORO	28	0041	0044	0052	N05 E25	7117	03	29.9	11	SF		2	C	0044	99	1.1	DIJT
	LEAR	28	0044	0045	0052	N04 E25	7117	03	29.9	8	SF		3	E		18		
0253		28	01381	0142	0159	S10 E12	7116	03	29.0	21	SF					46	0.6	DIJT
	WATU	28	0138	0142	0158	S10 E12	7116	03	29.0	20	SF			C	0142	30	0.4	DIJT
	VORO	28	0139	0142	0200	S10 E13	7116	03	29.0	21	SF		2	C	0142	63	0.7	DIJT
0254	VORO	28	0222	0223	0227	N05 E14	7117	03	29.1	5	SF		2	C	0223	54	0.6	DIJT
0255	LEAR	28	0504	0508	0513	S19 E33	7120	03	30.7	9	SF		3	E		35		F
		28	1020		1216	No Flare Patrol												
		28	1220		1250	No Flare Patrol												
		28	1324		1333	No Flare Patrol												
		28	1723		1731	No Flare Patrol												
0256		28	18062	1811	1848	S20 E26	7120	03	30.7	42	SN C 2.9					74		F
	RAMY	28	1806	1811	1848	S19 E25	7120	03	30.7	42	SF C 2.9		3	E		65		F
	PALE	28	1808	1811	1849	S20 E26	7120	03	30.7	41	SN		3	E		82		
		28	1920		1953	No Flare Patrol												
		28	2014		2048	No Flare Patrol												
		28	2101		2121	No Flare Patrol												
0257	HOLL	28	2220E	2256U	2302D	S07 E00	7116	03	28.9	42D	SF C 1.8		2	E		30		F
0258	HOLL	28	2303E	2305U	2308D	S18 E16	7120	03	30.2	5D	SF		2	E		90		F
0259		29	00534	00564	0122	S20 E21	7120	03	30.6	29	SF C 2.4					48	0.6	EF
	LEAR	29	0053	0056	0131	S21 E21	7120	03	30.6	38	SF C 2.4		3	E		41		F
	WATU	29	0057	0059	0104	S18 E22	7120	03	30.7	7	SF			C	0059	20	0.2	E
	PEKG	29	0057	0100	0130	S20 E20	7120	03	30.6	33	SN			P	0100	84	0.9	E
0260		29	05071	05082	0512	N04 W04	7117	03	28.9	5	SF C 1.4					28	0.2	EF
	WATU	29	0507	0508	0508	N05 W03	7117	03	29.0	1	SF			C	0508	20	0.2	E
	LEAR	29	0508	0510	0517	N03 W04	7117	03	28.9	9	SF C 1.4		3	E		36		F
		29	0803		0834	No Flare Patrol												
		29	0921		0923	No Flare Patrol												
		29	0938		1032	No Flare Patrol												
		29	1036		1051	No Flare Patrol												

16  
Mar 92

H $\alpha$  SOLAR FLARES

MARCH 1992

Grp #	Sta	Start Day (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)		
0261	29	12191	12201	1225	N06	W05	7117	03 29.1	6	SF			21		F	
	RAMY	29 1219	1221	1225	N05	W05	7117	03 29.1	6	SF	3	E	24		F	
	SVTO	29 1220	1220	1225	N06	W05	7117	03 29.1	5	SF	2	E	18			
0262	SVTO	29 1340	1340	1352	S19	E11	7120	03 30.4	12	SF	2	E	12		F	
0263	29	13591	1406	1444	S18	E14	7120	03 30.6	45	SF C 2.8			34		F	
	SVTO	29 1359	1403U	1449	S17	E14	7120	03 30.6	50	SF	2	E	25		F	
	RAMY	29 1400	1406	1440	S18	E14	7120	03 30.6	40	SF C 2.8	3	E	43		F	
	29	1815		1845	No Flare Patrol											
	29	2155		2205	No Flare Patrol											
0264	VORO	29 2337	2342	2359	S10	W28	7118	03 27.9	22	SF	1	C	2342	161	1.9	D
0265	VORO	30 0019	0021	0030	S10	W28	7118	03 27.9	11	SF	1	C	0021	108	1.3	D
0266	30	00477	00487	0100	N06	W11	7117	03 29.2	13	SN C 1.4			63	0.8	DFIJ	
	VORO	30 0047	0048	0100	N09	W08	7117	03 29.4	13	SN	1	C	0048	81	0.9	DIJ
	LEAR	30 0047	0055	0103	N03	W12	7117	03 29.1	16	SF C 1.4	3	E	40		F	
	PEKG	30 0050E	0050U	0100	N09	W09	7117	03 29.3	100	SN		P	0050	84	0.9	D
	VORO	30 0051	0054	0103D	N05	W15	7117	03 28.9	120	SN	1	C	0054	27	0.3	DIJ
	VORO	30 0054	0055	0059	N06	W10	7117	03 29.3	5	SF	1	C	0055	81	0.9	DIJ
0267	30	03335	03391	0352	S07	W20	7116	03 28.6	19	SN C 1.1			92	1.8	EF	
	TACH	30 0333	0340	0351	S08	W19	7116	03 28.7	18	SB	3	C	0340	163	1.8	E
	LEAR	30 0338	0339	0352	S06	W20	7116	03 28.6	14	SF C 1.1	3	E	20		F	
0268	30	0535	05446	0604	S10	W30	7118	03 28.0	29	SB			116	1.4	E	
	TACH	30 0535	0544	0601	S10	W29	7118	03 28.0	26	SB	3	C	0544	152	1.7	E
	YUNN	30 0540E	0550	0606	S09	W32	7118	03 27.8	260	SN		P	79	1.0		
0269	HOLL	30 1427E	1430U	1442	S11	W10	7122	03 29.8	15D	SF	2	E	10		H	
0270	RAMY	30 1613	1614	1619	S11	W12	7122	03 29.8	6	SF C 1.0	3	E	14			
0271	HOLL	30 1714	1718	1725	S11	W12	7122	03 29.8	11	SF B 9.5	3	E	10			
0272	HOLL	30 1845	1855	1938	S11	W13	7122	03 29.8	53	SN C 2.2	3	E	56		E	
0273	HOLL	30 1959	2001	2046	S12	W17	7122	03 29.5	47	SF C 2.3	3	E	71		EH	
0274	HOLL	30 2000	2031	2046	S10	W25	7116	03 28.9	46	SF	3	E	15		F	
	30	2005		2016	No Flare Patrol											
	30	2033		2102	No Flare Patrol											
	30	2118		2124	No Flare Patrol											
0275	HOLL	30 2125	2125	2131	S10	W31	7116	03 28.6	6	SF	3	E	22		FH	
	30	2147		2154	No Flare Patrol											
0276	HOLL	30 2155E	2155U	2205D	S11	W15	7122	03 29.8	10D	SF C 1.2	3	E	33		F	
	30	2237		2244	No Flare Patrol											
0277	LEAR	31 0005	0009	0017	S12	W16	7122	03 29.8	12	SF C 1.0	3	E	14			
0278	YUNN	31 0220	0229	0229D	S10	W31	7116	03 28.8	9D	SN		P	24	0.3	D	
0279	YUNN	31 0357E	0357U	0405	N05	W35	7117	03 28.5	8D	SN		P	0357	31	0.4	D
0280	WATU	31 0510	0512	0528	S10	W35	7116	03 28.6	18	SN		C	0512	30	0.4	D
0281	YUNN	31 0700	0717	0856	N06	W79	7110	03 25.4	116			C			AG	
0282	31	07254	0737	0803	S11	W19	7122	03 29.9	38	SN			140	1.8	EF	
	SVTO	31 0725	0737	0819	S10	W19	7122	03 29.9	54	SN	3	E	80		FE	
	YUNN	31 0729	0737	0742	S11	W20	7122	03 29.8	13	SN		C	94	1.0	E	
	ONDR	31 0738E	0740U	0807	S12	W18	7122	03 30.0	29D	1N		P	0740	246	2.7	E

H $\alpha$  SOLAR FLARES

17  
Mar 92

MARCH 1992

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)		
0283	SVTO	31	0733	0736	0819	S08	W34	7116	03	28.8	46	SF	C	3.8	3	E	12		
0284		31	1414*	1430*	1558	S11	W45	7118	03	28.2	104	SN	C	6.3			92		FH
	RAMY	31	1414	1430	1523	S11	W41	7118	03	28.5	69	SF	C	6.3	3	E	46		F
	HOLL	31	1415E	1540	1625	S10	W41	7118	03	28.5	1300	1B	H	3.5	3	E	199		FH
	RAMY	31	1551	1553	1605	S12	W52	7118	03	27.7	14	SF			3	E	31		F
		31	1700		1714	No Flare Patrol													
0285	HOLL	31	1752	1810	1840	S11	W26	7122	03	29.8	48	SF			3	E	36		F
		31	1842		2159	No Flare Patrol													
0286	HOLL	31	2225	2225	2232	S13	W33	7122	03	29.4	7	SF	C	3.9	2	E	33		F
		31	2233		2240	No Flare Patrol													
0287	HOLL	31	2245	2306	2316	S08	W44	7116	03	28.6	31	SF			2	E	14		

"Remarks"

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

Observation Type: C=Cinematographic, E=Electronic, P=Photographic, V=Visual