

4
May 97

H α SOLAR FLARES

MAY 1997

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (Min)	Opt	Xray	Obs See	Type	Area Measurement		Remarks		
																Time (UT)	Apparent (10-6 Disk)		Corr (Sq Deg)	
			01 0000		0039	No Flare		Patrol												
			01 0138		0158	No Flare		Patrol												
			01 0213		0337	No Flare		Patrol												
			01 0656		0709	No Flare		Patrol												
0001	MEUD	01	0903	1004	1116	S32 E90			05	8.5	133								C	
			02 0120		0132	No Flare		Patrol												
			02 0229		0314	No Flare		Patrol												
			02 0336		0604	No Flare		Patrol												
			03 0117		0444	No Flare		Patrol												
0002	RAMY	03	1845	1847	1852	S32 E55			05	8.1	7	SF		3	E				13	
			03 2209		2219	No Flare		Patrol												
			03 2306		2400	No Flare		Patrol												
			04 0000		0005	No Flare		Patrol												
			04 0030		0050	No Flare		Patrol												
			04 0056		0113	No Flare		Patrol												
			04 0131		0423	No Flare		Patrol												
			04 1757		2027	No Flare		Patrol												
			04 2051		2400	No Flare		Patrol												
			05 0000		0135	No Flare		Patrol												
			05 2017		2027	No Flare		Patrol												
			05 2217		2248	No Flare		Patrol												
			05 2307		2319	No Flare		Patrol												
			05 2330		2337	No Flare		Patrol												
0003	RAMY	06	1405	1405	1416	N18 E65	8038		05	11.5	11	SF B	1.2	4	E				13	H
			06 1725		1801	No Flare		Patrol												
			06 1816		1952	No Flare		Patrol												
			06 1959		2150	No Flare		Patrol												
			06 2327		2338	No Flare		Patrol												
			07 0331		0555	No Flare		Patrol												
			07 0800		0854	No Flare		Patrol												
			07 1824		1845	No Flare		Patrol												
			07 1850		1905	No Flare		Patrol												
			07 1914		1923	No Flare		Patrol												
			07 1927		1944	No Flare		Patrol												
			07 1958		2021	No Flare		Patrol												
			07 2046		2324	No Flare		Patrol												
			08 0141		0428	No Flare		Patrol												
			08 0653		0728	No Flare		Patrol												
			08 0738		0859	No Flare		Patrol												
0004	SVTO	08	0931	0934	0938	S32 W09			05	7.7	7	SF		3	E				13	H
			08 1957		2005	No Flare		Patrol												
			08 2013		2019	No Flare		Patrol												
			08 2236		2249	No Flare		Patrol												
			08 2304		2400	No Flare		Patrol												
			09 0000		0014	No Flare		Patrol												
			09 0026		0039	No Flare		Patrol												
			09 0046		0251	No Flare		Patrol												
			09 1934		1946	No Flare		Patrol												
			09 2129		2157	No Flare		Patrol												
			09 2202		2218	No Flare		Patrol												
			10 2321		2353	No Flare		Patrol												
			11 0619		0624	No Flare		Patrol												
			11 0953		1007	No Flare		Patrol												
			11 1725		1730	No Flare		Patrol												
			11 1734		1757	No Flare		Patrol												
			11 1923		1939	No Flare		Patrol												
			11 2041		2046	No Flare		Patrol												
			11 2247		2306	No Flare		Patrol												
0005		12	04441	04522	0614	N21 W08	8038		05	11.6	90	1N C	1.3						148	FHU
	SVTO	12	0444	0454	0632	N21 W07	8038		05	11.7	108	1N		3	E				195	UF
	LEAR	12	0445	0452	0556	N21 W09	8038		05	11.5	71	1F C	1.3	3	E				100	H

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5
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														Time (UT)	Apparent (10-6 Disk)		Corr (Sq Deg)
		12 1757		1800		No Flare		Patrol									
		12 1849		1855		No Flare		Patrol									
		13 0101		0142		No Flare		Patrol									
		14 2158		2233		No Flare		Patrol									
		15 0031		0429		No Flare		Patrol									
		15 2016		2051		No Flare		Patrol									
		15 2144		2159		No Flare		Patrol									
		15 2231		2400		No Flare		Patrol									
		16 0000		0026		No Flare		Patrol									
0006	SVTO	16 1251E	1253U	1256D	N24 W68	8038	05	11.3	5D	SF		3	E		12		F
0007		16 1300	1300	1304	N22 W68	8038	05	11.3	4	SF	B 2.1				19		F
	KANZ	16 1300	1300	1304	N19 W66	8038	05	11.5	4	SF		2	C				
	RAMY	16 1300	1300	1305	N22 W69	8038	05	11.2	5	SF	B 2.1	3	E		26		
	SVTO	16 1300E	1302U	1305D	N24 W68	8038	05	11.3	5D	SF		3	E		12		F
		16 2231		2250		No Flare		Patrol									
		16 2256		2400		No Flare		Patrol									
		17 0000		0501		No Flare		Patrol									
		17 0521		0552		No Flare		Patrol									
0008	KANZ	17 1038	1054	1110	N20 W74	8038	05	11.8	32	SF		2	C				
		18 0431		0436		No Flare		Patrol									
		18 1940		1944		No Flare		Patrol									
		18 2024		2030		No Flare		Patrol									
		18 2130		2206		No Flare		Patrol									
		18 2257		2302		No Flare		Patrol									
		19 0045		0114		No Flare		Patrol									
		19 0232		0333		No Flare		Patrol									
		19 2255		2400		No Flare		Patrol									
		20 0000		0020		No Flare		Patrol									
		20 1906		2008		No Flare		Patrol									
		20 2038		2043		No Flare		Patrol									
		20 2126		2227		No Flare		Patrol									
0009	LEAR	21 0040	0121	0142	N04 E00	8040	05	21.0	62	SF	B 2.3	3	E		65		H
0010	LEAR	21 0234	0254	0310	N04 E00	8040	05	21.1	36	SF		3	E		20		
0011	LEAR	21 0310	0311	0318	N04 W01	8040	05	21.0	8	SF		3	E		12		
0012	LEAR	21 0324	0328	0355	N04 W01	8040	05	21.1	31	SF		3	E		18		
0013	KANZ	21 0552E	0556	0602	N03 W01	8040	05	21.2	10D	SF		2	C				
0014		21 0606S	0626Z	0700	N04 W03	8040	05	21.0	54	1F	C 2.7				106		F
	KANZ	21 0606	0626	0658	N03 W03	8040	05	21.0	52	1F		2	C				
	LEAR	21 0607	0628	0702	N04 W02	8040	05	21.1	55	SF	C 2.7	3	E		95		F
	SVTO	21 0611	0624U	0645D	N04 W03	8040	05	21.0	34D	1F		3	E		116		F
0015	SVTO	21 0808	0811	0817	N04 W05	8040	05	21.0	9	SF		3	E		17		
0016	SVTO	21 0819	0826	0837	N04 W05	8040	05	21.0	18	SF		3	E		12		
0017	SVTO	21 0838	0842	0849	N28 W56	8043	05	17.0	11	SF		3	E		12		
0018	SVTO	21 0913	0913	0919	N28 W57	8043	05	16.9	6	SF		3	E		16		
0019	SVTO	21 1012	1016	1017	N28 W57	8043	05	17.0	5	SF		3	E		15		
0020	KANZ	21 1045	1052	1114D	N28 W60	8043	05	16.7	29D	SF		2	C				
0021	SVTO	21 1101	1114	1123	N28 W58	8043	05	16.9	22	SF		3	E		21		
0022	RAMY	21 1251	1251	1255	N05 W07	8040	05	21.0	4	SF		3	E		18		

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															Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0023		21	13153	1318	1326	N04	W07	8040	05	21.0	11	SF				24			
	RAMY	21	1315	1318	1325	N04	W05	8040	05	21.2	10	SF	3	E		21			
	SVTO	21	1315	1318	1327	N04	W07	8040	05	21.0	12	SF	3	E		26			
	KANZ	21	1318	1318	1322D	N04	W08	8040	05	20.9	4D	SF	2	C					
0024		21	1334	1334	1344	N28	W64	8043	05	16.6	10	SF				14			F
	KANZ	21	1330E	1334	1342	N28	W63	8043	05	16.6	12D	SF	2	C					
	SVTO	21	1334	1335	1345	N29	W64	8043	05	16.5	11	SF	3	E		14			F
0025	KANZ	21	1359	1417U	1429D	N28	W66	8043	05	16.4	30D	SF	2	C					
0026	SVTO	21	1359	1428U	1438D	N28	W60	8043	05	16.9	39D	SF	3	E		15			F
0027	RAMY	21	1446	1447	1451	N04	W07	8040	05	21.1	5	SF	3	E		22			
		21	1652		1658	No Flare Patrol													
0028	RAMY	21	1659E	1659U	1719	N04	W08	8040	05	21.1	20D	SF B	5.4	2	E	12			F
		21	1818		1824	No Flare Patrol													
		21	2002		2007	No Flare Patrol													
0029	RAMY	21	2008E	2008U	2112D	N05	W12	8040	05	20.9	64D	SF M	1.3	2	E	82			F
		21	2012		2044	No Flare Patrol													
0030	HOLL	21	2045E	2045U	2048D	N04	W10	8040	05	21.1	3D	SF		1	E	21			
		22	0642		0647	No Flare Patrol													
		22	0725		0729	No Flare Patrol													
		22	0835		1034	No Flare Patrol													
		22	1812		1903	No Flare Patrol													
		22	2047		2313	No Flare Patrol													
0031		23	09304	09344	0954	N04	W32	8040	05	21.0	24	SF B	2.2			12			
	KANZ	23	0930	0938	0958	N03	W32	8040	05	21.0	28	SF		2	C				
	SVTO	23	0934	0934	0949	N04	W32	8040	05	21.0	15	SF B	2.2	3	E	12			
0032	RAMY	23	2002E	2003U	2017	N02	W26	8045	05	21.9	15D	SF B	3.5	2	E	14			
0033	HOLL	24	0041	0041	0045	S28	E66	8046	05	29.2	4	SF B	5.2	3	E	11			
		24	1842		1918	No Flare Patrol													
		24	1932		1959	No Flare Patrol													
		24	2113		2307	No Flare Patrol													
0034	MEUD	25	1342	1456	1623	S28	E55	8046	05	29.9	161	SN		C	1456	150	2.6		
0035		25	1353	13538	1516	S28	E50	8046	05	29.5	83	SF B	4.8			21			F
	KANZ	25	1349E	1353	1421D	S28	E51	8046	05	29.6	32D	SF		2	C				
	RAMY	25	1353	1401	1516	S28	E50	8046	05	29.5	83	SF B	4.8	4	E	21			F
0036		25	1355	1439	1517	S28	E50	8046	05	29.5	82	SF				42			F
	SVTO	25	1355	1439	1517	S29	E49	8046	05	29.4	82	SF		3	E	42			F
	KANZ	25	1429E	1437U	1501D	S27	E51	8046	05	29.6	32D	SF		2	C				
0037	MEUD	26	0931	0936	1002	N29	E90	8047	06	2.4	31	SN		C					
0038	MEUD	26	0950	1004	1015	S28	E42	8046B	05	29.7	25	SN		C	1004	50	0.8		E
		26	1948		1953	No Flare Patrol													
		26	2018		2023	No Flare Patrol													
0039	MEUD	27	0629E	0643	0708	N26	E80	8047	06	2.5	39D	SN		C					A
0040	MEUD	27	0629E	0812	0836	N01	W75	8045	05	21.7	127D	SF		C					T
0041	KANZ	27	0703	0711	0723	N00	W72	8045	05	21.9	20	SF		2	C				

