

4
Apr 00

H α SOLAR FLARES

APRIL 2000

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	NOAA/USAF Region	CMP Mo	Dur (Min)	Imp Opt	Obs See	Type	Area Measurement			Remarks			
													Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)				
0001	HOLL	01	0003	0014	0024	S16 E45	8936	04	4.4	21	SF	3	E		39				
0002	LEAR	01	0030	0101	0119	S17 W34	8925	03	29.5	49	SF	3	E		68				
0003	LEAR	01	0109E	0154	0204	S19 E75	8945	04	6.8	55D	SF	3	E		17				
0004	LEAR	01	0204	0207	0214	S19 E75	8945	04	6.8	10	SF	3	E		15				
0005	LEAR	01	0158	0202	0209	S17 E41	8936	04	4.2	11	SF	3	E		13				
0006	LEAR	01	0212	0213	0215	N24 E58	8939	04	5.6	3	SF	3	E		19				
0007	LEAR	01	0246	0256	0309	S19 E84	8945	04	7.5	23	SF	3	E		27				
0008		01	03122	03153	0342	S17 W34	8925	03	29.6	30	1F				194	4.5	E		
	LEAR	01	0312	0315	0348	S17 W35	8925	03	29.6	36	SF	3	E		34				
	URUM	01	0314	0318	0337	S17 W34	8925	03	29.6	23	1F		C		354	4.5	E		
0009	LEAR	01	0402	0406	0419	N24 E57	8939	04	5.6	17	SF	3	E		39				
0010	LEAR	01	0405	0406	0410	S17 E40	8936	04	4.2	5	SF	3	E		13				
0011	LEAR	01	0432	0439	0510	S19 E74	8945	04	6.8	38	SF	3	E		14				
0012		01	05231	05243	0544	N10 W46	8924	03	28.9	21	1F				122	3.0	D		
	URUM	01	0523	0527	0538	N10 W45	8924	03	28.9	15	1F		C		193	3.0	D		
	LEAR	01	0524	0524	0551	N10 W47	8924	03	28.8	27	SF	3	E		50				
0013	LEAR	01	0525	0528	0552	S16 E42	8936	04	4.4	27	SF	3	E		24				
0014	LEAR	01	0659	0700	0721	S16 E41	8936	04	4.4	22	SF	3	E		38				
0015		01	07266	07422	0807	N10 W48	8924	03	28.8	41	2B				233	5.4	EF		
	LEAR	01	0726	0742	0804	N10 W48	8924	03	28.8	38	1N	3	E		128		F		
	URUM	01	0732	0744	0810	N09 W48	8924	03	28.8	38	2B		C		338	5.4	E		
		01	1038		1053	No Flare Patrol													
0016	RAMY	01	1140	1141	1217	N23 E47	8939	04	5.1	37	SF	3	E		57		F		
0017	HOLL	01	1716E	1717U	1727	N24 E50	8939	04	5.6	11D	SF	3	E		34				
0018	RAMY	01	1746	1748	1825	N24 E45	8939	04	5.2	39	SF	3	E		24				
0019	HOLL	01	1901	1903	1909	N14 W30	8933	03	30.6	8	SF	3	E		16				
0020	HOLL	01	1940	1942	1957	N26 E30		04	4.1	17	SF	3	E		52				
0021	HOLL	01	1943	1952	1956	N10 W54	8924	03	28.9	13	SF	3	E		18				
		01	2041		2243	No Flare Patrol													
0022	LEAR	02	0109	0112	0116	N24 E46	8939	04	5.6	7	SF	3	E		31				
0023	LEAR	02	0127	0128	0132	N16 W33	8933	03	30.6	5	SF	3	E		16				
0024	LEAR	02	0203	0206	0212	N24 E45	8939	04	5.6	9	SF	3	E		17				
		02	0231		0313	No Flare Patrol													
0025	LEAR	02	0346	0348	0357	N24 E45	8939	04	5.6	11	SF	3	E		17				
0026	LEAR	02	0348	0351	0356	S08 W09	8935	04	1.5	8	SF	3	E		15				
0027	LEAR	02	0531	0534	0538	N22 E34	8939	04	4.8	7	SF	3	E		30				
0028	LEAR	02	0547	0547	0605	N22 E40	8939	04	5.3	18	SF	3	E		40				

H α SOLAR FLARES

5
Apr 00

APRIL 2000

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)		
0029		02	0839	0840	0852	N22	E38	8939	04	5.3	13	SF					36		F	
	SVTO	02	0839	0840	0852	N24	E40	8939	04	5.4	13	SF		3	E		41		F	
	LEAR	02	0839	0842	0853	N20	E36	8939	04	5.1	14	SF		3	E		32		F	
0030	SVTO	02	1136	1136	1148	N24	E39	8939	04	5.5	12	SF		3	E		23		H	
0031	HOLL	02	1551	1554	1600	N16	W42	8933	03	30.6	9	SF		3	E		18			
0032	HOLL	02	1612	1624	1654	N15	W42	8933	03	30.6	42	SF		3	E		24			
0033	HOLL	02	1655	1713	1722	N16	W43	8933	03	30.5	27	SF		3	E		19			
0034	HOLL	02	1655	1657	1703	S16	E29	8936	04	4.9	8	SF		3	E		13			
0035		02	1704	1711	1802	S15	E26	8936	04	4.7	58	SF					22			
	HOLL	02	1704	1713	1845	S15	E24	8936	04	4.5	101	SF		3	E		34			
	RAMY	02	1711	1711	1719	S15	E27	8936	04	4.7	8	SF		3	E		10			
0036	RAMY	02	1732	1741	1802	S14	E24	8936	04	4.5	30	SF		3	E		44		F	
0037	HOLL	02	1743	1745	1750	N16	W41	8933	03	30.7	7	SF		3	E		15			
0038	HOLL	02	1751	1754	1802	N15	W42	8933	03	30.7	11	SF		3	E		16			
0039		02	1907	1909	1939	S19	W57	8925	03	29.5	32	SF					50		F	
	HOLL	02	1907	1918	1942	S18	W57	8925	03	29.5	35	SF		3	E		52			
	RAMY	02	1909	1909	1936	S20	W57	8925	03	29.5	27	SF		3	E		48		F	
0040	HOLL	02	2009	2009	2022	N21	E34	8939	04	5.4	13	SF		3	E		25			
0041	HOLL	02	2040	2044	2051	S18	E22	8936	04	4.5	11	SF		3	E		21			
0042	HOLL	02	2307	2313	2325	S18	E19	8936	04	4.4	18	SF		3	E		26			
		02	2359		2400	No Flare Patrol														
		03	0000		0030	No Flare Patrol														
		03	0037		0044	No Flare Patrol														
		03	0048		0207	No Flare Patrol														
0043	URUM	03	0536	0540	0555	S19	E15	8936	04	4.4	19	1F			C		241	2.6	E	
0044	URUM	03	0634E	0634	0641	S18	E14	8936	04	4.3	7	SF			P		129	1.4	E	
0045	URUM	03	0813	0817	0828	S10	W27	8932	04	1.3	15	2F			C		643	7.4	E	
		03	1020		1032	No Flare Patrol														
		03	1039		1230	No Flare Patrol														
0046	HOLL	03	1702	1703	1712	N16	W56	8933	03	30.6	10	SF		3	E		20			
0047		03	1801*	1825	1840	S16	E09	8936	04	4.4	39	SF					26		F	
	HOLL	03	1801	1825	1851	S15	E10	8936	04	4.5	50	SF		3	E		42			
	RAMY	03	1824	1826	1830	S16	E08	8936	04	4.4	6	SF		3	E		10		F	
		03	1808		1819	No Flare Patrol														
0048		03	1848	1852	1901	N14	W57	8933	03	30.6	13	SF					23			
	HOLL	03	1848	1853	1905	N14	W56	8933	03	30.6	17	SF		3	E		29			
	RAMY	03	1851	1851	1857	N15	W58	8933	03	30.5	6	SF		3	E		17			
0049	HOLL	03	1939	1941	1947	N22	W19	8943	04	2.3	8	SF		3	E		28			
0050	HOLL	03	2002	2006	2012	N15	W56	8933	03	30.7	10	SF		3	E		22			
0051	HOLL	03	2026	2026	2037	N15	W57	8933	03	30.6	11	SF		3	E		21			
0052	HOLL	03	2326	2326	2332	S19	E05	8936	04	4.3	6	SF		3	E		22		F	
0053	HOLL	04	0032	0036	0038	N16	W58	8933	03	30.7	6	SF		3	E		15			

6
Apr 00

H α SOLAR FLARES

APRIL 2000

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/	CMP	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks
								USA Region							Mo	Day	Time (UT)	
0054	URUM	04	0232E	0232	0240	N12	E11	8940	04	4.9	8D	SN		P		177	2.0	E
0055	URUM	04	0514	0530	0608	S10	W36	8932	04	1.5	54	2B		C		643	8.1	E
0056	LEAR	04	0645	0649	0653	S12	W41	8935	04	1.2	8	SF	3	E		16		
0057	URUM	04	0752	0756	0807	N25	W02		04	4.2	15	1F		C		241	2.9	E
0058		04	1027	1038	1105	S15	E01	8936	04	4.5	38	1N				134	2.5	DF
	URUM	04	1027	1038	1105	S14	E02	8936	04	4.6	38	1N		C		241	2.5	D
	SVTO	04	1032E	1036U	1054D	S16	E00	8936	04	4.4	22D	SF	1	E		27		F
		04	1106		1306	No Flare Patrol												
0059		04	15112	15331	1724	N15	W63	8933	03	31.0	133	2F				306		FS
	HOLL	04	1511	1534	1724	N16	W66	8933	03	30.7	133	2F	3	E		380		S
	RAMY	04	1513	1533	1611D	N14	W60	8933	03	31.1	58D	1F	3	E		233		F
		04	1758		2034	No Flare Patrol												
0060	HOLL	04	2037	2037	2042	S15	W75	8925	03	30.3	5	SF	3	E		27		
0061	HOLL	04	2042	2050	2113	S06	W10	8938	04	4.1	31	SF	3	E		73		
0062	HOLL	04	2054	2054	2114	S13	W46	8932	04	1.4	20	SF	3	E		22		
0063	HOLL	05	0025	0026	0041	N16	W73	8933	03	30.6	16	SF	3	E		32		
0064	HOLL	05	0043	0043	0047	S14	E65	8948	04	9.9	4	SF	3	E		41		
0065	LEAR	05	0104	0105	0114	S17	W11	8936	04	4.2	10	SF	3	E		22		
		05	0139		0145	No Flare Patrol												
0066	LEAR	05	0538	0545	0559	N25	W03	8939	04	5.0	21	SF	3	E		28		
0067	LEAR	05	0549	0556	0603	S08	W50	8935	04	1.5	14	SF	3	E		21		
0068	LEAR	05	0641	0642	0654	N25	W03	8939	04	5.0	13	SF	3	E		30		
0069	LEAR	05	0648	0655	0703	S17	E62	8948	04	10.0	15	SF	3	E		19		
0070	HOLL	05	1641	1648	1655	N15	W62	8950	04	1.0	14	SF	3	E		14		
0071	HOLL	05	1724	1727	1734	N21	W08	8939	04	5.1	10	SF	3	E		53		F
0072	HOLL	05	1823	1827	1837	S12	E58	8948	04	10.1	14	SF	3	E		13		
0073	HOLL	05	2013	2013	2024	S14	W58	8932	04	1.4	11	SF	3	E		11		
0074	HOLL	05	2155	2156	2200	N16	W80	8933	03	30.9	5	SF	3	E		16		
0075	HOLL	05	2239	2244	2248	N16	W66	8933	03	31.9	9	SF	3	E		11		
0076	HOLL	05	2249	2250	2253	N16	W66	8933	03	31.9	4	SF	3	E		17		
0077	HOLL	05	2255	2256	2259	N17	W83	8933	03	30.7	4	SF	3	E		14		
0078	HOLL	05	2312	2312	2321	N16	W83	8933	03	30.8	9	SF	3	E		18		
0079	LEAR	06	0132	0133	0139	N21	W13	8939	04	5.1	7	SF	3	E		12		
0080		06	02216	02265	0309	S14	E52	8948	04	10.0	48	2B				389	8.0	EFU
	LEAR	06	0221	0226	0324	S15	E53	8948	04	10.1	63	2B	3	E		296		UF
	URUM	06	0227	0231	0254	S14	E52	8948	04	10.0	27	2N		C		482	8.0	E
0081	LEAR	06	0555	0555	0604	N16	W88	8933	03	30.7	9	SF	3	E		13		
0082	SVTO	06	1007E	1010U	1022	N13	W17	8940	04	5.1	15D	SF	3	E		72		F

H α SOLAR FLARES

7
Apr 00

APRIL 2000

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/USAF		Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement		Remarks	
								Region	Mo Day						Time (UT)	Apparent (10-6 Disk)		Corr (Sq Deg)
0083	HOLL	06	1635	1635	1644	S18	W29	8936	04	4.5	9	SF	3	E	20		F	
0084	HOLL	06	1824	1845	1906	S13	E43	8948	04	10.0	42	1F	3	E	120			
0085	LEAR	07	0058	0100	0121	S16	E38	8948	04	9.9	23	SF	4	E	83		F	
0086		07	07061	0708	0732	S16	E34	8948	04	9.9	26	SF			62		E	
	LEAR	07	0706	0708	0735	S16	E33	8948	04	9.8	29	SF	3	E	62		E	
	KANZ	07	0707	0708	0729	S15	E35	8948	04	9.9	22	SF	2	C				
0087		07	08331	08341	0840	N09	W00	8944	04	7.3	7	SF			15			
	KANZ	07	0833	0835	0839	N09	E02	8944	04	7.5	6	SF	2	C				
	LEAR	07	0834	0834	0841	N09	W03	8944	04	7.1	7	SF	3	E	15			
0088	KANZ	07	1027	1032	1043	S14	E33	8948	04	9.9	16	SF	2	C				
0089	HOLL	07	1744	1749U	1810	S17	E28	8948	04	9.9	26	SF	2	E	50			
			07	1812		1829	No Flare Patrol											
		07	1907		1939	No Flare Patrol												
0090		07	2354*	24088	2432	S16	E27	8948	04	10.0	38	SF			64			
	HOLL	07	2354	2416	2432	S15	E26	8948	04	10.0	38	SF	3	E	60			
	LEAR	08	0007	0008	0116D	S16	E28	8948	04	10.1	69D	SF	3	E	67			
0091	LEAR	08	0129	0130	0138	S16	E27	8948	04	10.1	9	SF	4	E	16		F	
0092	MITK	08	0236	0238	0247	S14	E28	8948	04	10.2	11	1B			0238	212	2.5	E
0093	LEAR	08	0356	0357	0401	N12	E72	8951	04	13.6	5	SF	4	E	20			
0094	LEAR	08	0412	0414	0422	N10	E68	8951	04	13.3	10	SF	4	E	26			
0095	LEAR	08	0447	0447	0452	S19	E24	8948	04	10.0	5	SF	3	E	13		F	
0096	KANZ	08	0700	0700	0712	S15	E24	8948	04	10.1	12	SF	2	C				
0097		08	06588	07135	0738	S15	E23	8948	04	10.0	40	SF			34		F	
	LEAR	08	0658	0713	0745	S16	E22	8948	04	9.9	47	SF	3	E	39		F	
	SVTO	08	0659	0718	0731	S15	E24	8948	04	10.1	32	SF	3	E	28		F	
	KANZ	08	0706	0715	0720D	S15	E24	8948	04	10.1	14D	SF	2	C				
0098		08	07382	07391	0742	S16	E23	8948	04	10.1	4	SF			17			
	SVTO	08	0738	0739	0743	S17	E21	8948	04	9.9	5	SF	3	E	17			
	KANZ	08	0740	0740	0741	S14	E25	8948	04	10.2	1	SF	2	C				
0099		08	0918*	0920*	0952	S15	E23	8948	04	10.1	34	SF			84		F	
	LEAR	08	0918	0942	1002	S15	E21	8948	04	10.0	44	SF	3	E	68			
	KANZ	08	0920	0920	0923	S15	E23	8948	04	10.1	3	SF	2	C				
	SVTO	08	0935	0942	1005	S15	E23	8948	04	10.1	30	SF	3	E	99		F	
	KANZ	08	0935	0945	1000	S15	E24	8948	04	10.2	25	1F	2	C				
0100	KANZ	08	1044	1045	1050	S17	E23	8948	04	10.2	6	SF	2	C				
0101		08	1355*	1406*	1428	S14	E18	8948	04	9.9	33	SF			18		FH	
	KANZ	08	1355	1406	1422	S15	E18	8948	04	9.9	27	SF	2	C				
	RAMY	08	1403	1407	1420	S14	E20	8948	04	10.1	17	SF	3	E	24		FH	
	SVTO	08	1411	1417	1422	S14	E18	8948	04	9.9	11	SF	3	E	10		F	
	HOLL	08	1413	1415	1425	S15	E18	8948	04	9.9	12	SF	3	E	22			
	HOLL	08	1427	1429	1438	S15	E18	8948	04	10.0	11	SF	3	E	22			
	RAMY	08	1428	1428	1432	S14	E19	8948	04	10.0	4	SF	3	E	13			
	KANZ	08	1428	1428	1440	S14	E18	8948	04	10.0	12	SF	2	C				
0102	HOLL	08	1610	1610	1614	S17	E16	8948	04	9.9	4	SF	3	E	27			
0103	HOLL	08	1840	1842	1851	S15	E18	8948	04	10.1	11	SF	3	E	16			
0104		08	2041	2047	2142	S14	E18	8948	04	10.2	61	1N			128			
	HOLL	08	2041	2047	2142	S14	E19	8948	04	10.3	61	1N	3	E	185			
	RAMY	08	2056E	2056U	2114D	S14	E18	8948	04	10.2	18D	SF	3	E	70			

8
Apr 00

H α SOLAR FLARES

APRIL 2000

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)	
			08 2155		2302			No Flare Patrol											
0105	LEAR	08	2343	2343	2349	S21	W72	8946	04	3.5	6	SF		3	E		11		
0106	LEAR	09	0030	0036	0044	S16	E15	8948	04	10.1	14	SF		3	E		23		
0107	URUM	09	0205E	0205	0205D	N27	W73	8943	04	3.4	14D	1F			P		161		A
0108		09	03028	0311*	0344	S16	E12	8948	04	10.0	42	1F					241	4.3	E
	LEAR	09	0302	0311	0348	S16	E13	8948	04	10.1	46	SF		4	E		80		
	URUM	09	0310	0321	0340	S15	E12	8948	04	10.0	30	1F			C		402	4.3	E
0109		09	04077	04139	0432	S15	E13	8948	04	10.1	25	1B					333	4.4	E
	LEAR	09	0407	0413	0442	S16	E13	8948	04	10.1	35	1N		3	E		168		
	MITK	09	0409	0415	0420	S14	E13	8948	04	10.1	11	1B				0415	348	3.7	E
	URUM	09	0414	0422	0434	S15	E13	8948	04	10.2	20	2B			C		482	5.2	E
0110	LEAR	09	0516	0519	0525	S13	E13	8948	04	10.2	9	SF		3	E		19		
0111	LEAR	09	0535	0536	0540	S15	E11	8948	04	10.1	5	SF		3	E		13		
0112		09	07412	07433	0800	N19	W52	8939	04	5.3	19	SF					88	1.5	E
	LEAR	09	0741	0743	0809	N19	W53	8939	04	5.3	28	SF		3	E		95		
	URUM	09	0743	0746	0750	N19	W52	8939	04	5.3	7	SF			C		80	1.5	E
		09	1008		1026	No Flare Patrol													
		09	1028		1034	No Flare Patrol													
		09	1039		1055	No Flare Patrol													
		09	1111		1122	No Flare Patrol													
0113	RAMY	09	1529	1530	1539	S17	E06	8948	04	10.1	10	SF		3	E		60		
		09	1830		1838	No Flare Patrol													
		09	2046		2152	No Flare Patrol													
		09	2202		2259	No Flare Patrol													
		09	2313		2325	No Flare Patrol													
0114	LEAR	09	2329	2336U	2356D	S14	W01	8948	04	9.9	27D	2B		3	E		446		U
		09	2338		2346	No Flare Patrol													
0115	HOLL	09	2347E	2357U	2446D	S13	E01	8948	04	10.1	59D	1N		2	E		231		FU
		10	0005		0117	No Flare Patrol													
0116	LEAR	10	0234	0234	0241	N10	W34	8944	04	7.5	7	SF		3	E		18		
0117	URUM	10	0301	0309	0315	S21	E03	8952	04	10.3	14	SF			C		193	2.1	E
0118	URUM	10	0426	0434	0441D	S19	E01	8948	04	10.3	15D	SF			C		193	2.0	E
0119	URUM	10	0516	0520	0524	S19	W01	8948	04	10.1	8	1N			C		241	2.5	D
		10	0525		0653	No Flare Patrol													
0120	LEAR	10	0753E	0754U	0805D	S20	E02	8948	04	10.5	12D	SF		2	E		52		F
		10	0854		1035	No Flare Patrol													
		10	1314		1414	No Flare Patrol													
		10	1835		1931	No Flare Patrol													
0121	HOLL	10	2014	2017	2025	S18	W09	8948	04	10.1	11	SF		3	E		54		F
0122	HOLL	10	2053	2109	2144	S14	W09	8948	04	10.2	51	1N		3	E		110		F
0123	LEAR	11	0016	0017	0022	S20	E86	8955	04	17.6	6	SF		3	E		20		
0124	LEAR	11	0140	0141	0149	N25	W78	8939	04	5.0	9	SF		3	E		37		

H α SOLAR FLARES

9
Apr 00

APRIL 2000

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement			Remarks	
																Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)		
0125	LEAR	11	0244	0304	0326	S14	W11	8948	04	10.3	42	SF		3	E		43			
0126	LEAR	11	0501	0515	0539	S15	W13	8948	04	10.2	38	SF		3	E		58			
0127	LEAR	11	0709	0712	0720	S17	W14	8948	04	10.2	11	SF		3	E		30			
0128	LEAR	11	0731	0734	0736	S14	W13	8948	04	10.3	5	SF		3	E		10			
0129		11	0740	0750	0806	S15	W14	8948	04	10.2	26	SF					44		F	
	LEAR	11	0740	0750	0812	S15	W14	8948	04	10.2	32	SF		4	E		79		F	
	SVTO	11	0750E	0750U	0759	S15	W14	8948	04	10.3	9D	SF		3	E		10		F	
0130	LEAR	11	0844	0844	0850	N16	E73	8958	04	16.9	6	SF		3	E		17			
		11	0949		1038	No Flare Patrol														
		11	1048		1129	No Flare Patrol														
		11	1221		1225	No Flare Patrol														
0131	HOLL	11	1645	1649	1653	N32	E62	8954	04	16.6	8	SF		3	E		27			
0132		11	18001	18046	1834	S16	W18	8948	04	10.4	34	1N					100		F	
	HOLL	11	1800	1810	1845	S16	W18	8948	04	10.4	45	1N		3	E		141			
	RAMY	11	1801	1804	1823	S15	W19	8948	04	10.3	22	SF		3	E		60		F	
0133	HOLL	11	1918	1919	1928	S16	W20	8948	04	10.3	10	SF		3	E		22			
0134	HOLL	11	1957	1958	2001	S20	E70	8955	04	17.2	4	SF		3	E		25			
		11	2123		2130	No Flare Patrol														
		11	2157		2302	No Flare Patrol														
0135	LEAR	11	2333	2334	2429	S15	W22	8948	04	10.3	56	1N		3	E		138		F	
0136	LEAR	12	0046	0049	0113	S15	W24	8948	04	10.2	27	SF		3	E		17			
0137		12	01323	01358	0151	N14	E31	8951	04	14.4	19	SN					94	2.1	D	
	LEAR	12	0132	0135	0151	N14	E31	8951	04	14.4	19	SF		3	E		27			
	URUM	12	0135	0143	0143D	N13	E31	8951	04	14.4	8D	SN			P		161	2.1	D	
0138	LEAR	12	0229	0232	0235	N14	E30	8951	04	14.4	6	SF		3	E		18			
0139		12	0331	03323	0359	S16	W24	8948	04	10.3	28	1N					123	2.2	EF	
	LEAR	12	0331	0332	0413	S15	W24	8948	04	10.3	42	SF		4	E		54		F	
	MITK	12	0331	0335	0345	S16	W23	8948	04	10.4	14	1B				0335	192	2.2	E	
0140	LEAR	12	0417	0417	0429	S15	W25	8948	04	10.3	12	SF		3	E		38		F	
0141		12	06247	0631	0638	S20	W28	8948	04	10.1	14	SN					54	0.4	D	
	LEAR	12	0624	0631	0643	S19	W28	8948	04	10.1	19	SN		3	E		73			
	MITK	12	0631	0631	0634	S20	W28	8948	04	10.1	3	SN				0631	34	0.4	D	
0142	LEAR	12	0906	0907	0940	S16	W30	8948	04	10.1	34	SF		3	E		27			
		12	0945		1137	No Flare Patrol														
0143	HOLL	12	1557	1557	1600	S20	E33	8959	04	15.2	3	SF		3	E		27			
0144	HOLL	12	1733	1754	1800	S16	W33	8948	04	10.2	27	SF		3	E		16			
0145	HOLL	12	1854	1859	1928	S16	W34	8948	04	10.2	34	SF		3	E		38			
0146	MITK	12	2333	2335	2345	S16	W21	8949	04	11.4	12	SN				2335	103	1.1	D	
0147		13	0014	00207	0055	S16	W36	8948	04	10.3	41	SF					71		F	
	HOLL	13	0014	0020	0055	S16	W36	8948	04	10.3	41	SF		3	E		81			
	LEAR	13	0014	0027	0055	S16	W37	8948	04	10.2	41	SF		3	E		61		F	
0148	HOLL	13	1728	1730	1733	S22	E49	8955	04	17.5	5	SF		3	E		23			

10
Apr 00

H α SOLAR FLARES

APRIL 2000

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	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)		
0149	HOLL	13	2204	2207	2211	S25	E44	8955	04	17.3	7	SF	3	E		10			
		14	0125		0230	No Flare Patrol													
0150		14	08112	08146	0847	S14	W52	8948	04	10.4	36	2F				217	5.3	EF	
	SVTO	14	0811	0814	0847	S14	W54	8948	04	10.2	36	1F	3	E		113		F	
	URUM	14	0813	0820	0847	S13	W51	8948	04	10.5	34	2F		C		321	5.3	E	
0151	HOLL	14	1448	1448	1452	N20	W26	8960	04	12.6	4	SF	3	E		12			
0152	HOLL	14	1523	1525	1528	N19	W26	8960	04	12.6	5	SF	3	E		17			
0153	HOLL	14	2335	2338	2345	S21	E36	8955	04	17.7	10	SF	3	E		28			
0154	HOLL	14	2341	2344	2359	S16	W63	8948	04	10.2	18	SF	3	E		47			
0155	LEAR	15	0010E	0010U	0029D	S21	E30	8955	04	17.3	19D	SF	3	E		27			
		15	0124		0231	No Flare Patrol													
0156	LEAR	15	0331	0337	0347	S21	E29	8955	04	17.4	16	SF	3	E		44			
		15	0401		0615	No Flare Patrol													
		15	0624		0638	No Flare Patrol													
		15	0707		0820	No Flare Patrol													
0157	KANZ	15	0828	0828	0831	S23	E32	8955	04	17.8	3	SF	2	C					
		15	0840		0844	No Flare Patrol													
		15	0910		1135	No Flare Patrol													
0158	RAMY	15	1025E	1030U	1030D	S22	E29	8955	04	17.7	5D	SF	1	E		64		F	
0159	RAMY	15	1340	1342	1350	S22	E29	8955	04	17.8	10	SF	3	E		23			
0160	RAMY	15	1440	1445	1504	S23	E28	8955	04	17.8	24	1N	3	E		101		F	
0161	RAMY	15	1537	1538	1544	S17	W71	8948	04	10.2	7	SF	3	E		11		H	
0162		15	18571	19041	1947	S22	E26	8955	04	17.8	50	1N				74		S	
	HOLL	15	1857	1905	1947	S22	E26	8955	04	17.8	50	1N	3	E		112			
	RAMY	15	1858	1904	1950D	S23	E26	8955	04	17.8	52D	SF	3	E		36		S	
0163	HOLL	15	2115	2116	2119	S22	E26	8955	04	17.9	4	SF	3	E		13			
0164		15	2138	2140	2203	S24	E22	8955	04	17.6	25	SF				47			
	HOLL	15	2138	2140	2203	S22	E25	8955	04	17.8	25	SF	3	E		60			
	RAMY	15	2148E	2148U	2158D	S27	E19	8955	04	17.4	10D	SF	2	E		34			
0165	HOLL	15	2237	2239	2251	S25	W19	8961	04	14.5	14	SF	3	E		18			
0166	HOLL	15	2248	2248	2252	N19	W43	8960	04	12.7	4	SF	3	E		15			
0167		16	00071	00122	0040	S21	E23	8955	04	17.8	33	1B				150		F	
	HOLL	16	0007	0012	0039	S21	E23	8955	04	17.8	32	1N	3	E		148		F	
	LEAR	16	0008	0014	0042	S21	E23	8955	04	17.8	34	1B	3	E		152		F	
0168	LEAR	16	0032	0032	0035	N30	W01	8954	04	15.9	3	SF	4	E		15			
		16	0151		0221	No Flare Patrol													
0169	LEAR	16	0220E	0234	0318	S21	E22	8955	04	17.8	58D	SF	3	E		78			
0170	LEAR	16	0356E	0356U	0402D	S14	W74	8957	04	10.6	6D	SF	3	E		36			
0171		16	0553	0600	0612	S22	E20	8955	04	17.8	19	1N				92		F	
	LEAR	16	0553	0600	0617	S22	E20	8955	04	17.8	24	1N	3	E		137		F	
	SVTO	16	0553E	0601U	0607	S22	E20	8955	04	17.8	14D	SF	2	E		46		F	

H α SOLAR FLARES

11
Apr 00

APRIL 2000

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)	
0172	KANZ	16	0942	0942	0945	S24	E10	8955	04	17.2	3	SF		2	C				
0173	KANZ	16	0946	0950	0954	S17	E81	8965	04	22.6	8	SF		2	C				
0174	HOLL	16	1629	1632	1638	S17	W14	8959	04	15.6	9	SF		3	E		18		
0175	HOLL	16	1902	1909	1946	S21	E13	8955	04	17.8	44	SF		3	E		43		
0176	HOLL	16	1914	1915	1920	N34	E23	8964	04	18.6	6	SF		3	E		22		
0177	HOLL	16	2114	2116	2141	S21	E12	8955	04	17.8	27	SF		3	E		63		F
0178		17	00243	00283	0052	S21	E08	8955	04	17.6	28	1F					96	0.7	EF
	HOLL	17	0024	0031	0108	S21	E09	8955	04	17.7	44	1F		3	E		120		
	MITK	17	0027	0028	0029	S22	E11	8955	04	17.9	2	SN				0028	62	0.7	E
	LEAR	17	0028E	0029U	0058	S21	E04	8955	04	17.3	30D	1F		2	E		107		F
		17	0407		0422	No Flare Patrol													
0179	KANZ	17	0927	0930	0940D	S21	W02	8955	04	17.2	13D	SF		2	C				
		17	1541		1547	No Flare Patrol													
		17	1637		1650	No Flare Patrol													
0180	HOLL	17	1727	1736	1753	S25	E01	8955	04	17.8	26	1N		3	E		137		F
		17	1924		1952	No Flare Patrol													
		17	2023		2053	No Flare Patrol													
		17	2059		2117	No Flare Patrol													
		17	2134		2158	No Flare Patrol													
		17	2218		2330	No Flare Patrol													
0181	LEAR	18	0242	0248	0251	S22	W08	8955	04	17.5	9	SF		3	E		25		
0182	LEAR	18	0508	0515	0521	S23	W08	8955	04	17.6	13	SF		3	E		20		
0183	LEAR	18	0745	0746	0751	N13	E16	8963	04	19.5	6	SF		3	E		22		F
0184		18	0746*	08077	0822	N16	E16	8963	04	19.5	36	1N					182	3.7	EF
	URUM	18	0746	0807	0818	N15	E15	8963	04	19.4	32	1N			C		321	3.7	E
	LEAR	18	0802	0814	0827	N16	E16	8963	04	19.5	25	SF		2	E		43		F
		18	0915		0959	No Flare Patrol													
		18	1104		1248	No Flare Patrol													
0185	HOLL	18	1406	1414	1428	N17	E12	8963	04	19.5	22	SF		3	E		50		F
		18	2057		2103	No Flare Patrol													
		18	2143		2153	No Flare Patrol													
		18	2216		2222	No Flare Patrol													
		19	0023		0036	No Flare Patrol													
0186	LEAR	19	0051E	0054U	0059	N24	E79	8967	04	25.1	8D	SF		3	E		19		
0187	LEAR	19	0052E	0115U	0120D	N15	E06	8963	04	19.5	28D	SF		3	E		15		F
0188	LEAR	19	0131E	0132U	0151D	N21	E73	8967	04	24.6	20D	SF		3	E		24		
0189	URUM	19	0204E	0204	0216	N14	E07	8963	04	19.6	12D	1B			P		241	2.6	E
0190	LEAR	19	0334	0434	0452	N19	E73	8967	04	24.7	78	SF		3	E		29		
0191	URUM	19	0350E	0350	0412	N21	E67	8967	04	24.3	22D	1F			P		209		P
0192	SVTO	19	0546	0548	0552	N15	E05	8963	04	19.6	6	SF		3	E		21		F
0193		19	0550*	06009	0618	N15	E04	8963	04	19.5	28	SF					79	2.1	EF
	URUM	19	0550	0609	0613D	N16	E03	8963	04	19.5	23D	1F			P		193	2.1	E
	SVTO	19	0600	0600	0614	N16	E04	8963	04	19.5	14	SF		3	E		17		F
	LEAR	19	0607	0609	0621	N13	E04	8963	04	19.5	14	SF		3	E		27		

H α SOLAR FLARES

APRIL 2000

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)		
0218	RAMY	20	2055	2100	2108	S13	E43	8966	04 24.1	13	SF	3 E		22			
0219	RAMY	20	2136	2138U	2209D	S23	W45	8955	04 17.4	33D	SF	3 E		58			F
		20	2210		2339	No Flare Patrol											
0220	URUM	21	0055E	0055	0059	N19	W37		04 18.2	4D	1N		P		193	2.8	E
0221	LEAR	21	0056	0058	0109	N13	W19	8963	04 19.6	13	SF	3 E		42			
0222	SVTO	21	0524	0527	0537	S23	W49	8955	04 17.4	13	SF	3 E		21			F
0223	URUM	21	0525	0533	0539	S18	W42	8955	04 18.0	14	2N		C		402	5.6	E
0224		21	09233	09262	0932	N18	W24	8963	04 19.6	9	SF				15		
	KANZ	21	0923	0926	0931	N17	W24	8963	04 19.6	8	SF	2 C					
	SVTO	21	0926	0928	0933	N18	W24	8963	04 19.6	7	SF	3 E			15		
0225		21	1507*	1508*	1524	N15	W27	8963	04 19.6	17	SF				23		F
	HOLL	21	1507	1508	1519	N15	W27	8963	04 19.6	12	SF	3 E			33		
	SVTO	21	1520	1524	1527	N16	W26	8963	04 19.7	7	SF	3 E			21		F
	RAMY	21	1521	1523	1527	N14	W27	8963	04 19.6	6	SF	3 E			16		
0226	HOLL	21	1910	1922	1953	N15	W31	8963	04 19.4	43	SF	3 E			61		
0227	HOLL	21	2034	2039	2046	N15	W32	8963	04 19.4	12	SF	3 E			16		
0228	HOLL	21	2144	2146	2207	N23	E39	8967	04 24.9	23	SF	3 E			85		
0229	HOLL	21	2231	2235	2305D	S24	W58	8955	04 17.4	34D	1F	3 E			118		FH
		21	2257		2304	No Flare Patrol											
		21	2315		2329	No Flare Patrol											
0230	HOLL	21	2332	2337	2429D	N15	W33	8963	04 19.5	57D	SF	3 E			52		F
0231		22	0002	0004	0029D	N34	E03	8972	04 22.2	27D	SF				28		
	HOLL	21	2359E	2404U	2429D	N34	E03	8972	04 22.2	30D	SF	3 E			28		
	HOLL	22	0002	0004	0029D	N34	E03	8972	04 22.2	27D	SF	3 E			28		
0232	LEAR	22	0240	0301	0341	N17	W33	8963	04 19.6	61	SF	3 E			73		F
0233	LEAR	22	0536	0537	0541	S15	E50	8970	04 26.0	5	SF	3 E			18		
0234		22	0554	05541	0616	N14	W36	8963	04 19.5	22	SN				86	1.2	DF
	SVTO	22	0554E	0554	0623	N15	W35	8963	04 19.6	29D	SF	3 E			82		F
	MITK	22	0554	0555	0609	N13	W37	8963	04 19.4	15	SN		0555		89	1.2	D
0235	KANZ	22	1556	1556	1557	N18	E57	8971	04 27.0	1	SF	2 C					
0236	HOLL	22	1556	1556	1609	N16	E50	8971	04 26.4	13	SF	3 E			36		
0237		22	16202	1622	1626	N35	W05	8972	04 22.3	6	SF				28		H
	HOLL	22	1620	1622	1628	N35	W05	8972	04 22.3	8	SF	3 E			35		
	SVTO	22	1621	1622	1625	N35	W04	8972	04 22.4	4	SF	3 E			25		H
	RAMY	22	1622	1622	1626	N34	W05	8972	04 22.3	4	SF	3 E			24		
0238	KANZ	22	1620	1622	1623D	N24	W05	8973	04 22.3	3D	SF	2 C					
0239	HOLL	22	1750	1752	1754	S14	E62	8970	04 27.4	4	SF	3 E			16		
0240	HOLL	22	1802	1811	1829	S13	E62	8970	04 27.4	27	SF	3 E			53		
0241	HOLL	22	1839	1841	1850	S13	E62	8970	04 27.4	11	SF	3 E			39		
0242	HOLL	22	1851	1856	1917	N15	W44	8963	04 19.4	26	SF	3 E			60		
0243	HOLL	22	1908	1910	1914	S15	E42	8970	04 26.0	6	SF	3 E			21		

14
Apr 00

H α SOLAR FLARES

APRIL 2000

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)		
0244	HOLL	22	1911	1915	1921	N35	W06	8972	04	22.3	10	SF		3	E		51			
0245	HOLL	22	1926	1939	1949	N33	W08	8972	04	22.2	23	SF		3	E		53			
0246	HOLL	22	2026	2026	2043	N33	W09	8972	04	22.1	17	SF		3	E		30			
0247	HOLL	22	2125	2129	2131	N34	W08	8972	04	22.2	6	SF		3	E		20			
0248	HOLL	22	2151	2152	2159	N35	W06	8972	04	22.4	8	SF		3	E		24			
0249	HOLL	22	2213	2213	2216	S15	E41	8970	04	26.0	3	SF		3	E		16			
0250	HOLL	22	2224	2229	2243	S15	E21	8966	04	24.5	19	SF		3	E		12			F
0251		22	2353	2354	2402	N34	W10	8972	04	22.2	9	1B					140	1.9		D
	MITK	22	2353	2354	2401	N34	W09	8972	04	22.3	8	SB				2354	144	1.9		D
	HOLL	22	2353	2355	2404	N34	W10	8972	04	22.2	11	1N		3	E		136			
0252	HOLL	22	2359E	2404U	2429D	N34	E03	8972	04	23.2	30D	SF		3	E		28			
0253	URUM	23	0142E	0142	0146	N23	E24	8967	04	24.9	4D	1N			C		321	4.1		E
0254	SVTO	23	0600	0610	0617	N22	E20	8967	04	24.8	17	SF		3	E		14			F
0255	KANZ	23	0838	0840	0845	N09	E26	8969	04	25.3	7	SF		2	C					
0256	HOLL	23	1338	1338	1354	N18	E48	8971	04	27.2	16	SF		3	E		12			
0257		23	13464	13493	1354	N34	W17	8972	04	22.2	8	SF					27			H
	HOLL	23	1346	1352	1356	N34	W17	8972	04	22.2	10	SF		3	E		48			
	KANZ	23	1347	1349	1354	N34	W16	8972	04	22.3	7	SF		2	C					
	SVTO	23	1347	1352	1354	N34	W17	8972	04	22.2	7	SF		3	E		18			H
	RAMY	23	1350	1352	1354	N33	W18	8972	04	22.1	4	SF		3	E		14			
0258		23	1348	1348	1357	S14	E48	8970	04	27.2	9	SF					22			F
	SVTO	23	1348	1348	1354	S14	E48	8970	04	27.2	6	SF		3	E		10			F
	KANZ	23	1348	1348	1357	S14	E46	8970	04	27.0	9	SF		2	C					
	HOLL	23	1348	1349	1400	S13	E49	8970	04	27.3	12	SF		3	E		33			
0259	KANZ	23	1421	1422	1431	N32	W20	8972	04	22.0	10	SF		2	C					
0260		23	1536	1537	1629	N18	E46	8971	04	27.1	53	SF					28			
	KANZ	23	1536	1537U	1537D	N17	E45	8971	04	27.1	1D	SF		2	C					
	HOLL	23	1536	1537	1629	N18	E48	8971	04	27.3	53	SF		3	E		28			
0261		23	1548*	1606	1614	N23	E18	8967	04	25.0	26	SF					38			F
	HOLL	23	1548	1606	1617	N23	E17	8967	04	25.0	29	SF		3	E		70			
	SVTO	23	1551	1607	1612	N23	E18	8967	04	25.0	21	SF		3	E		25			
	RAMY	23	1603	1607	1612	N23	E18	8967	04	25.0	9	SF		3	E		19			F
0262	HOLL	23	1702	1704	1712	N17	E47	8971	04	27.3	10	SF		3	E		32			
0263	HOLL	23	2017	2019	2027	N18	E45	8971	04	27.3	10	SF		3	E		17			
0264	HOLL	23	2023	2030	2038	N24	E14	8967	04	24.9	15	SF		3	E		26			
0265	HOLL	23	2057	2059	2102	N18	E44	8971	04	27.2	5	SF		3	E		14			
0266	HOLL	23	2204	2204	2212	N17	E46	8971	04	27.4	8	SF		3	E		22			
0267	HOLL	23	2217	2217	2223	N18	E45	8971	04	27.3	6	SF		3	E		20			
0268	HOLL	24	0039	0042	0051	N17	E42	8971	04	27.2	12	SF		3	E		46			
0269		24	0053*	0105	0135	N17	E10	8967	04	24.8	42	SF					38			F
	HOLL	24	0053	0100U	0120D	N14	E10	8967	04	24.8	27D	SF		2	E		37			
	LEAR	24	0103	0105	0135	N20	E11	8967	04	24.9	32	SF		3	E		39			F

H α SOLAR FLARES

15
Apr 00

APRIL 2000

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Dur Day	Imp (Min)	Xray	Obs See	Type	Time (UT)	Area Measurement		Remarks
																Apparent (10-6 Disk)	Corr (Sq Deg)	
0270		24	0218*	0222*	0244	N24	E13	8967	04	25.1	26	1N			218	4.9	E	
	LEAR	24	0218	0222	0236	N23	E11	8967	04	24.9	18	SF	3	E	35			
	URUM	24	0229	0233	0253	N24	E15	8967	04	25.3	24	1N		C	402	4.9	E	
0271	URUM	24	0248	0253	0311	N17	E41	8971	04	27.2	23	1F		C	321	4.8	E	
0272		24	03314	0335	0346	N34	W18	8972	04	22.7	15	1N			124	2.7	E	
	URUM	24	0331	0335	0343	N34	W19	8972	04	22.6	12	1B		C	193	2.7	E	
	LEAR	24	0335	0335	0350	N33	W17	8972	04	22.8	15	SF	3	E	54			
0273	URUM	24	0422E	0422	0426D	N16	E40	8971	04	27.2	4D	1F		P	193	2.8	E	
0274		24	0748	0748	0757	N16	E38	8971	04	27.2	9	SF			12		F	
	LEAR	24	0748	0748	0757	N16	E37	8971	04	27.1	9	SF	4	E	12		F	
	KANZ	24	0754E		0757	N17	E38	8971	04	27.2	3D	SF	2	C				
0275		24	0837	0838	0845	N16	E37	8971	04	27.2	8	SF			21			
	KANZ	24	0837	0838	0844D	N17	E37	8971	04	27.2	7D	SF	2	C				
	LEAR	24	0837	0838	0845	N16	E37	8971	04	27.2	8	SF	4	E	21			
0276		24	08554	08591	0910	N17	E36	8971	04	27.1	15	1N			161	2.2	E	
	URUM	24	0855	0859	0915	N17	E36	8971	04	27.1	20	1B		C	161	2.2	E	
	KANZ	24	0859	0900	0906	N17	E36	8971	04	27.1	7	SF	2	C				
0277	SVTO	24	1039E	1041U	1045	N17	E38	8971	04	27.3	6D	SF	2	E	18			
0278	RAMY	24	1255	1256	1258	N14	W69	8963	04	19.3	3	SF	3	E	16		F	
0279	HOLL	24	1429	1628	1653	N19	E32	8971	04	27.0	144	SF	3	E	55			
0280	HOLL	24	1555	1556	1602	N32	W33	8972	04	22.0	7	SF	3	E	10			
0281	HOLL	24	1604	1604	1609	N33	W32	8972	04	22.1	5	SF	3	E	11			
0282	HOLL	24	1716	1718	1721	N35	W75	8964	04	18.7	5	SF	3	E	24			
0283		24	1743*	1744*	1818	N33	W27	8972	04	22.6	35	SF			72		FH	
	RAMY	24	1743	1744	1751	N33	W27	8972	04	22.6	8	SF	3	E	40		F	
	HOLL	24	1743	1801	1845	N34	W28	8972	04	22.5	62	1F	3	E	116		FH	
	RAMY	24	1759	1802	1828D	N33	W26	8972	04	22.7	29D	SN	3	E	60		FH	
0284		24	1848	1901	1916	N33	W33	8972	04	22.2	28	SF	3	E	32			
		24	1935*	1935*	1950	N33	W34	8972	04	22.1	15	SF			18			
	HOLL	24	1935	1935	1940	N33	W35	8972	04	22.0	5	SF	3	E	19			
	HOLL	24	1945	1946	1959	N33	W34	8972	04	22.1	14	SF	3	E	17			
0286	HOLL	24	1957	1958	2006	N21	W02	8967	04	24.7	9	SF	3	E	17			
0287	HOLL	24	1958	1958	2003	N13	W70	8963	04	19.5	5	SF	3	E	41			
0288	HOLL	24	2048	2049	2054	N33	W34	8972	04	22.2	6	SF	3	E	19			
0289	HOLL	24	2148	2148	2157	N33	W35	8972	04	22.1	9	SF	3	E	15			
0290	HOLL	24	2201	2202	2215	N32	W37	8972	04	22.0	14	SF	3	E	11			
0291	HOLL	24	2212	2213	2216	N20	W40	8962	04	21.9	4	SF	3	E	27			
0292	HOLL	24	2223	2223	2227	N20	W40	8962	04	21.9	4	SF	3	E	26			
0293	HOLL	24	2247	2248	2256	N20	E30	8971	04	27.2	9	SF	3	E	21			
0294	LEAR	25	0333	0335	0342	S15	E27	8970	04	27.2	9	SF	4	E	17		F	
0295	LEAR	25	0418	0418	0435	N34	W30	8972	04	22.8	17	SF	4	E	11			

16
Apr 00

H α SOLAR FLARES

APRIL 2000

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)		
0296		25	0923	09262	0950	N33	W34	8972	04	22.7	27	SF					53		EF	
	SVTO	25	0923	0926	09560	N35	W34	8972	04	22.7	330	SF		3	E		53		F	
	KHAR	25	0925E	0927U	09500	N31	W36	8972	04	22.5	250	1N		2	P				E	
	KANZ	25	0928E	0928	0950	N34	W33	8972	04	22.8	220	SF		2	C					
0297		25	1041U	1046	11010	N24	W08	8967	04	24.8	200	1F					15		F	
	KHAR	25	1041U	1046	10500	N23	W10	8967	04	24.7	90	1F		2	V					
	SVTO	25	1054E	1058U	11010	N24	W07	8967	04	24.9	70	SF		3	E		15		F	
0298		25	15121	1514	1518	N16	E20	8971	04	27.1	6	SF					29			
	KANZ	25	1512	1514	1516	N16	E20	8971	04	27.1	4	SF		2	C					
	HOLL	25	1513	1514	1519	N17	E20	8971	04	27.1	6	SF		3	E		29			
0299	HOLL	25	1643	1644	1650	N26	W06	8967	04	25.2	7	SF		3	E		39			
0300	HOLL	25	1700	1700	1704	N34	W38	8972	04	22.7	4	SF		3	E		23			
0301	HOLL	25	1725	1728	1741	N25	W11	8967	04	24.9	16	SF		3	E		17			
0302		25	17581	1804	1825	N24	W10	8967	04	25.0	27	1F					86		F	
	HOLL	25	1758	1804	1825	N25	W11	8967	04	24.9	27	1F		3	E		116			
	RAMY	25	1759	1800U	1815D	N24	W10	8967	04	25.0	160	SF		3	E		55		F	
0303		25	1846	1848	1906	N34	W40	8972	04	22.6	20	SF					56			
	HOLL	25	1846	1848	1905	N35	W40	8972	04	22.6	19	SF		3	E		55			
	RAMY	25	1848E	1849U	1907	N34	W39	8972	04	22.7	190	SF		3	E		58			
0304	HOLL	25	1856	1858	1914	N24	W11	8967	04	24.9	18	SF		3	E		29			
0305	HOLL	25	2215	2217	2232	N35	W42	8972	04	22.6	17	SF		3	E		65			
0306	HOLL	25	2323	2327	2336	N24	E16	8971	04	27.2	13	SF		3	E		42			
		26	0139		0359	No Flare Patrol														
0307	LEAR	26	0206	0208	0211	S11	W53	8968	04	22.1	5	SF		3	E		18		F	
0308		26	07298	07361	0743	S14	W46	8965	04	22.8	14	SF					13		F	
	LEAR	26	0729	0736	0742	S14	W46	8965	04	22.8	13	SF		3	E		14			
	SVTO	26	0737	0737	0744	S14	W46	8965	04	22.8	7	SF		3	E		12		F	
0309		26	0742	07429	0756	S16	E10	8970	04	27.1	14	SF					13		F	
	SVTO	26	0742	0742	0752	S16	E11	8970	04	27.1	10	SF		3	E		13		F	
	KANZ	26	0742	0744	0758	S17	E10	8970	04	27.1	16	SF		2	C					
	LEAR	26	0742	0751	0758	S15	E10	8970	04	27.1	16	SF		3	E		13		F	
0310	KANZ	26	0906	0907	0913	S17	E10	8970	04	27.1	7	SF		2	C					
0311		26	09201	09201	0935	S16	E10	8970	04	27.1	15	SF					26		F	
	SVTO	26	0920	0920	0935	S16	E09	8970	04	27.1	15	SF		3	E		26		F	
	KANZ	26	0921	0921	0927D	S17	E10	8970	04	27.1	60	SF		2	C					
0312	SVTO	26	0950	0951	1023	N22	W24	8967	04	24.6	33	SF		3	E		29		F	
0313	KANZ	26	1231	1233	1237	S13	E10	8970	04	27.3	6	SF		2	C					
0314		26	12412	1243*	1305	S17	E08	8970	04	27.1	24	SF					14		F	
	KANZ	26	1241	1243	1309	S17	E07	8970	04	27.1	28	SF		2	C					
	RAMY	26	1243	1250	1300	S16	E08	8970	04	27.1	17	SF		3	E		14		F	
	SVTO	26	1243	1256	1305	S17	E08	8970	04	27.1	22	SF		3	E		15		F	
0315	KANZ	26	1526	1528	1533	S17	E07	8970	04	27.2	7	SF		2	C					
0316		26	15271	15283	1536	S16	W44	8965	04	23.3	9	SF					15			
	KANZ	26	1527	1528	1534	S16	W43	8965	04	23.4	7	SF		2	C					
	HOLL	26	1528	1531	1537	S15	W44	8965	04	23.3	9	SF		3	E		15			
0317	HOLL	26	1553	1556	1601	S17	E07	8970	04	27.2	8	SF		3	E		14			

APRIL 2000

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	Cmd							Time (UT)	Apparent (10-6 Disk)	Corr (Sq Deg)	
0344	KHAR	28	0910E	0912U	0930	N15	W56	8967	04	24.1	20D	SF	2	V				D
		28	0944		0951	No Flare Patrol												
0345		28	1846A	1849A	1911	N18	W62	8967	04	24.1	25	1N				148		
	RAMY	28	1846	1849	1914D	N17	W63	8967	04	24.0	28D	SF	3	E		89		
	HOLL	28	1850	1853	1911	N19	W60	8967	04	24.2	21	1N	3	E		206		
0346	HOLL	28	2218	2219	2227	S17	W24	8970	04	27.1	9	SF	3	E		12		
		28	2322		2349	No Flare Patrol												
0347	HOLL	28	2344	2346	2349	N33	W86	8972	04	22.1	5	SF	3	E		31		
0348	LEAR	29	0527	0527	0534	S12	W26	8970	04	27.3	7	SF	3	E		41		
0349		29	1158	1206	1222	S12	W04	8976	04	29.2	24	SF				14		F
	SVTO	29	1151E	1152U	1225	S13	W03	8976	04	29.3	34D	SF	2	E		18		F
	RAMY	29	1158	1206	1219	S11	W06	8976	04	29.0	21	SF	3	E		11		
0350	HOLL	29	1342	1342	1345	S14	W31	8970	04	27.2	3	SF	3	E		37		
0351	HOLL	29	1702	1710	1739	N20	W35	8971	04	27.0	37	SF	3	E		30		F
0352	LEAR	30	0033	0033	0037	S12	W38	8970	04	27.2	4	SF	3	E		26		
0353	LEAR	30	0755	0800	0916	S11	W18	8976	04	29.0	81	1N	4	E		102		EF
0354	KANZ	30	0827E		0840D	S12	W15	8976	04	29.2	13D	1F	2	C				
		30	0931		0954	No Flare Patrol												
		30	1126		1200	No Flare Patrol												
		30	1222		1234	No Flare Patrol												
0355	HOLL	30	1607	1615	1623	N19	W48	8971	04	27.0	16	SF	3	E		23		
0356	HOLL	30	1636	1638	1646	N18	W49	8971	04	27.0	10	SF	3	E		18		
		30	1817		1821	No Flare Patrol												
0357	HOLL	30	1851	1851	1856	S12	W47	8970	04	27.2	5	SF	3	E		13		
0358	HOLL	30	2045	2045	2052	N18	W49	8971	04	27.1	7	SF	3	E		15		
0359	HOLL	30	2127	2131	2141	S22	E46	8981	05	4.4	14	SF	3	E		13		
0360	HOLL	30	2222	2231	2239	N21	W42	8971	04	27.7	17	SF	3	E		47		
0361	HOLL	30	2248	2307	2322	S22	E46	8981	05	4.5	34	SF	3	E		16		
0362	HOLL	30	2350	2356	2407	S22	E45	8981	05	4.4	17	SF	3	E		12		

"Remarks"

A = Eruptive prominence whose base is less than 90 degrees 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.