

8
Aug 77

H α SOLAR FLARES

AUGUST 1977

OBSERVATORY	OBSERVED UT				LOCATION					DURATION	IMPORTANCE	OBS.		MEASUREMENTS			REMARKS	
	DATE	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	McMATH PLAGE REGION	CMPR DAY			COND	TYPE	TIME UT	MEAS. AREA	CORR AREA		
					LAT.	MER. DIST.												
333 MITK	01	0058	0101	0103	N28	W40	.694	14883	29.0	5	-N	P	0101	80	1.2	D	Y5	
334 MITK	01	0137		0148	N28	W38	.673	14883	29.2	11	-N	P	0137	50	.7	D	Y5	
335 MONT	01	0658E	0714	0804	S19	W58	.885	14874	27.9	660	-F	C	0714	40		EGHK	Y5	
336 MONT	01	0725	0729	0734	N27	W42	.710	14883	29.2	9	-F	C	0729	20		DH	Y5	
337 MONT	01	0857	0920	0944	S19	W59	.892	14874	27.9	47	-N	C	0920	80		EG	Y5	
	01	2112	2127	NO FLARE PATROL														
	01	2301	2303	NO FLARE PATROL														
	01	2316	2317	NO FLARE PATROL														
	01	2319	2325	NO FLARE PATROL														
338 CULG	02	2205	2209	2230	N18	E10	.269	14880	3.7	25	-F	C	2209	30	.3		Y5	
	03	0135	0137	NO FLARE PATROL														
	03	0140	0142	NO FLARE PATROL														
GRP64339	03	1030+1	1035+6	1053	N21	E78	.973	14888	9.3	23	-N							
CATA	03	1030	1035	1055	N21	E77	.968	14888	9.2	25	1N	2	1035	56				
ZURI	03	1031	1041	1051	N22	E79	.977	14888	9.4	20	-F	C	1041	20				
340 ZURI	03	1035	1039	1051	N28	W70	.937	14883	29.2	16	-N	C	1039	14			Y5	
341 LOCA	03	1429	1432	1440	S21	W90	1.001	14874	27.9	11	?N	V				A	Y5	
	IMP.1	NO	ZURI2	HUAN2	CATA1	MCMA1												
GRP64342	03	1449+1	1449+6	1459	N18	E00	.209	14880	3.6	10	-F			20	.2			
ZURI	03	1449	1449	1457	N19	E00	.226	14880	3.6	8	-F	C	1449	14	.2			
CATA	03	1450	1455	1500	N18	W01	.210	14880	3.5	10	-N	2	1455	28	.3			
	03	1829	1838	NO FLARE PATROL														
	03	1851	1853	NO FLARE PATROL														
343 HUAN	03	1908		1928	N23	E75	.961	14888	9.4	20	-F	1	C				Y5	
344 VORO	03	2207	2210	2216	N19	E09	.272	14880	4.6	9	-N	C	2210	99	1.1	OG	Y5	
	03	2237	2248	NO FLARE PATROL														
	03	2327	2330	NO FLARE PATROL														
GRP64345	04	1140	1140	1147	N25	E67	.918	14888	9.5	7	-F						D	
ZURI	04	1140	1140	1146	N25	E68	.924	14888	9.6	6	-F	C	1140	35			D	
KHAR	04	1141E	1147	1147D	N26	E67	.919	14888	9.5	60	-F	P					D	
GRP64346	04	1222	1228	1242	N25	E68	.924	14888	9.6	20	-N			40			D	
ZURI	04	1222	1228	1236	N25	E68	.924	14888	9.6	14	-F	C	1228	50			D	
HUAN	04	1230E		1244	N25	E67	.918	14888	9.5	140	-N	1	P	1231	30		D	
MCMA	04	1231E		12420	N26	E68	.925	14888	9.6	110	-N	P	1231	25	.7		D	
GRP64347	04	1320+0	1322+1	1326	N25	E67	.918	14888	9.6	6	-F			40			D	
ZURI	04	1320	1322	1324	N25	E68	.924	14888	9.7	4	-F	C	1322	50			D	
HUAN	04	1320	1323	1327	N25	E67	.918	14888	9.6	7	-F	1	C	1323	30		D	
GRP64348	04	1444+0	1454	1514	N25	E67	.918	14888	9.6	30	-N			50			D	
ZURI	04	1444	1454	1514	N25	E68	.924	14888	9.7	30	-N	C	1454	70			D	
HUAN	04	1444		1502	N25	E66	.912	14888	9.6	18	-F	1	C				D	
MCMA	04	1457E		15150	N26	E67	.919	14888	9.6	180	-B	P	1457	30	.8		D	
349 ZURI	04	1528	1528	1530	N25	E68	.924	14888	9.7	2	-F	C	1528	40			Y5	
350 MCMA	04	1558	1602	1609	N26	E67	.919	14888	9.7	11	-N	C	1602	20	.6	D	Y5	
GRP64351	04	1823		1840	N25	E64	.898	14888	9.6	17	-F						E	
HUAN	04	1823		1837	N25	E64	.898	14888	9.6	14	-F	1	C				E	
MCMA	04	1825E		1843D	N25	E64	.898	14888	9.6	180	-N	C	1832	40	1.0		E	
	04	1920	1929	NO FLARE PATROL														
	04	1942	1944	NO FLARE PATROL														
	04	1947	1959	NO FLARE PATROL														
352 PALE	04	2054	2055	2116	N27	E57	.848	14888	9.1	22	-N	3	C	45		DE	Y5	

10
Aug 77

H α SOLAR FLARES

AUGUST 1977

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IMPOR- TANCE	OBS.		MEASUREMENTS			REMARKS
	DATE AUG	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	MCNATH PLAGE REGION	CNR DAY			COND	TYPE	TIME UT	MEAS. AREA Mill. of Disk	CORR AREA Sq. Deg.	
					LAT.	MER. DIST.											
368 PALE	06	0325E	0325U	0325D	N26	E43	.714	14888	9.4		-F	3	C		27		Y5
	06	0331	0334	NO FLARE PATROL													
369 MONT	06	0932	0934	0940	N26	E38	.660	14888	9.2	8	-F		C	0934	40		E Y5
370 MONT	06	0946	0947	0953	N26	E38	.660	14888	9.3	7	-F		C	0947	60		E Y5
GRP64371	06	1042+7	1051+5	1133	N25	E40	.678	14888	9.4	51	1N				196		HOZ
ATHN	06	1042	1051	1135	N25	E40	.678	14888	9.4	53	1N	1					
KANZ	06	1046	1054	1115	N24	E47	.749	14888	10.0	29	-F		C				
KHAR	06	1048E	1056	11500	N25	E38	.656	14888	9.3	620	3N		P	1056	1110	15.0	EH0Z
MEUD	06	1049		1130	N26	E40	.682	14888	9.5	41	1N		C	1103	230	3.2	F
	06	1827	2201	NO FLARE PATROL													
	06	2327	2333	NO FLARE PATROL													
	07	0134	0145	NO FLARE PATROL													
GRP64372	07	1304	1310	1339	N24	E24	.487	14888	9.3	35	-F				170	2.0	
			1327+1														
KANZ	07	1304	1310	1332	N24	E24	.487	14888	9.3	28	-B		C		159		
TEHR	07	1322E	1327	1330D	N24	E25	.498	14888	9.4	110	-F	2	V		159		
TEHR	07	1322E	1327	1344	N24	E25	.498	14888	9.4	220	-F	2	C		180		
RAMY	07	1325E	1328	1345	N26	E24	.504	14888	9.4	200	-F	4	C				
	07	2327	2332	NO FLARE PATROL													
	07	2342	2353	NO FLARE PATROL													
GRP64373	08	1225+5	1229+1	12390	N25	E13	.383	14888	9.5	14	-N						
KANZ	08	1225	1229	1239	N24	E15	.389	14888	9.6	14	-N		C				
CATA	08	1230	1230	1320	N26	E12	.388	14888	9.4	50	-N	2		1230	28	.3	
	08	1925	1928	NO FLARE PATROL													
	08	1932	2052	NO FLARE PATROL													
374 HUAN	08	2052E		2101D	S22	E54	.865	14893	12.9	90	-N	1	P				Y5
	08	2101	2112	NO FLARE PATROL													
	08	2202	2213	NO FLARE PATROL													
	08	2328	0013	NO FLARE PATROL													
	09	0141	0148	NO FLARE PATROL													
	09	0208	0212	NO FLARE PATROL													
375 CULG	09	0447	0450	0510	N23	E04	.295	14888	9.5	23	-F		C	0450	60	.6	Y5
GRP64376	09	0918+0	0920+3	0940	N24	E02	.306	14888	9.5	22	-F				100	1.1	E
KHAR	09	0918E	0920	0932D	N24	E05	.315	14888	9.8	140	-F		P		110	1.2	E
HTPR	09	0918	0923	0935	N23	E00	.287	14888	9.4	17	-F		C	0923	90	1.0	E
MONT	09	0918	0921	0944	N25	E02	.322	14888	9.5	26	-N		C	0921	100		E
GRP64377	09	1008+7	1013+2	1020	N26	E02	.339	14888	9.6	12	-N				40	.4	E
MONT	09	1008	1013	1022	N26	E01	.337	14888	9.5	14	-F		C	1013	40		E
HTPR	09	1011	1013	1017	N25	E02	.322	14888	9.6	6	-F		C	1013	50	.5	E
CATA	09	1015	1015	1020	N26	E02	.339	14888	9.6	5	-B	2		1015	28	.3	E
GRP64378	09	1031+0	1032+1	1044	N25	E01	.321	14888	9.5	13	-F				35	.4	
HTPR	09	1031	1033	1040	N25	E01	.321	14888	9.5	9	-F		C	1033	50	.5	
MONT	09	1031	1032	1047	N26	E01	.337	14888	9.5	16	-F		C	1032	20		
379 HUAN	09	1350	1353	1357	S22	E45	.792	14893	13.0	7	-F	1	C	1353	15	.2	D Y5
GRP64380	09	1417+4	1422+3	1442	N26	E00	.337	14888	9.6	25	-N				110	1.2	
HTPR	09	1417	1422	1445	N26	E02	.339	14888	9.7	28	-N		C	1422	130	1.4	
CATA	09	1420	1425	1445	N27	W01	.354	14888	9.5	25	-N	2		1425	112	1.2	
KANZ	09	1421	1425	1431	N25	W02	.322	14888	9.4	10	-N		C				
HUAN	09	1423E		1439	N27	E03	.357	14888	9.8	160	-F	2	P	1425	25	.3	CD
MCHA	09	1431E		1441D	N27	E00	.353	14888	9.6	100	-N		P	1435	40	.4	F
381 HUAN	09	1437		1447	S22	E45	.792	14893	13.0	10	-F	1	C				E Y5
GRP64382	09	1538+1	1543+1	1554	N25	W01	.321	14888	9.6	16	-F						
HUAN	09	1538	1543	1557	N23	W02	.289	14888	9.5	19	-F	1	C	1543	30	.3	
HTPR	09	1539	1544	1550	N27	E00	.353	14888	9.7	11	-F		C	1544	140	1.5	
383 HUAN	09	1631		1639	N23	W04	.295	14888	9.4	8	-F	1	C				Y5

H α SOLAR FLARES

AUGUST 1977

OBSERVATORY	OBSERVED UT				LOCATION				DURATION	IMPORTANCE	OBS.		MEASUREMENTS			REMARKS	
	DATE	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	MATH FLARE REGION			CNR DAY	COND	TYPE	TIME UT	MEAS. AREA		CORR. AREA
					LAT.	MER. DIST.											
423 VORO	22	2257	2320	0014	N31	W64	.900	14899	18.2	77	?F	C	2409	474	10.0	EGJK Y5	
	IMP. 2	NO	PALE2	CULG1													
GRP64424	23	0655	0700+5	0724	S21	W63	.926	14902	18.6	29	-N			80			
CATA	23	0655	0700	0725	S21	W63	.926	14902	18.6	30	1N	2	0700	112			
ATHN	23	0659E	0705	0722	S21	W63	.926	14902	18.6	230	-F	1		49			
425 HTPR	23	1508		15120	N22	W37	.625	14908	20.9	40	-F	C	1509	60	.8	D Y5	
426 HUAN	23	1525		1541	S17	E22	.535		25.3	16	-F	1	C				D Y5
GRP64427	23	2100+0	2102+0	2108	S25	E41	.778	14915	26.9	8	-F			50	.8		
PALE	23	2100	2102	2108	S25	E41	.778	14915	27.0	8	-F	3	C	48		DE	
PALE	23	2100	2102	2108	S25	E41	.778	14915	27.0	8	-F	3	V	48		DE	
	23	2101	2117	NO FLARE	PATROL												
GRP64428	23	2117+0	2120+0	2123	S25	E41	.778	14915	27.0	6	-F			30	.5		
PALE	23	2117	2120	2123	S25	E41	.778	14915	27.0	6	-F	3	C	31		DE	
PALE	23	2117	2120	2123	S25	E41	.778	14915	27.0	6	-F	3	V	31		DE	
	23	2127	2130	NO FLARE	PATROL												
GRP64429	23	2147+0	2149+0	2156	S25	E41	.778	14915	27.0	9	-F			30	.5		
PALE	23	2147	2149	2156	S25	E41	.778	14915	27.0	9	-F	3	V	25		DE	
PALE	23	2147	2149	2156	S25	E41	.778	14915	27.0	9	-F	3	C	25		DE	
	23	2227	2235	NO FLARE	PATROL												
GRP64430	24	0155+0	0155+1	0202	S25	E38	.754	14915	26.9	7	-F			50	.7	D	
VORO	24	0155	0156	0204	S25	E37	.745	14915	26.9	9	-F			72	1.3	D	
PALE	24	0155	0155	0159	S25	E39	.762	14915	27.0	4	-F	3	C	0157			
														29			
431 CULG	24	0234	0250	0330	N23	W43	.698	14908	20.9	56	-F	C	0250	80	1.3	Y5	
GRP64432	24	0547	0600	0620	S26	E34	.727	14915	26.8	33	1N						
HTPR	24	0547	0600	0610	S26	E34	.727	14915	26.8	23	1N	C	0600	300	4.2	E	
CATA	24	0605E	0605	0630D	S27	E34	.735	14915	26.8	250	-B	2	0605	112	1.7	T	
GRP64433	24	0554+1	0606	0635	S23	W87	1.000	14902	17.7	41	-N						
CULG	24	0527	0532	0620D	S23	W85	.999	14902	17.9	530	-N	*	C	0532	40		
CULG	24	0554	0606U	0621D	S24	W85	1.000	14902	17.9	270	-N	*	P	0606	40		
HTPR	24	0555		0635	S22	W90	1.001	14902	17.5	40	-N	*	C				
GRP64434	24	1204+0	1206+4	1236	N24	W50	.775	14903	20.8	32	-N			30	.5	E	
HTPR	24	1204	1210	1230	N23	W50	.773	14903	20.8	26	-F	C	1210	40	.6		
MCMA	24	1204		1207D	N24	W50	.775	14903	20.8	30	-N	P	1206	30	.5	E	
ZURI	24	1204	1206	1242	N24	W49	.765	14903	20.8	38	-B	P	1206	20	.3		
435 MCMA	24	1326	1327	1334	N21	W36	.609	14920	21.9	8	-N	C	1327	25	.3	D Y5	
436 ZURI	24	1418	1418	1422D	S26	E32	.711	14915	27.0	40	-N	P	1418	30	.5	Y5	
437 HUAN	24	1556		1604	S21	W90	1.001	14902	17.9	8	-F	1	C				Y5
	24	1824	1827	NO FLARE	PATROL												
	24	2004	2007	NO FLARE	PATROL												
	24	2043	2055	NO FLARE	PATROL												
	24	2058	2108	NO FLARE	PATROL												
	24	2112	2122	NO FLARE	PATROL												
	24	2230	2240	NO FLARE	PATROL												
	25	0133	0140	NO FLARE	PATROL												
	25	0212	0215	NO FLARE	PATROL												
438 HTPR	25	0551	0555	0615	N22	W45	.718	14920	21.9	24	-F	C	0555	70	1.0	D Y5	
439 HTPR	25	0639	0646	0715	N22	W46	.728	14920	21.8	36	-N	C	0646	140	1.9	E Y5	
GRP64440	25	0810+5	0821	0837	N21	W46	.726	14920	21.9	27	-F						
			0829														
KANZ	25	0810	0829	0835	N21	W47	.737	14920	21.8	25	-F	C					
ZURI	25	0815	0821	0839	N21	W46	.726	14920	21.9	24	-N	C	0821	30	.5		
GRP64441	25	0915	0915	0925	S26	E15	.589	14915	26.5	10	-N						
CATA	25	0915	0915	0925	S26	E15	.589	14915	26.5	10	-N	2	0915	112	1.4		
KANZ	25	0920E	0920	0920D	S26	E15	.589	14915	26.5		-F	C					

14
Aug 77

H α SOLAR FLARES

AUGUST 1977

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	DATE	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	MCNATH PLAGE REGION	CNR DAY			MIN	COND	TYPE	TIME UT	MEAS. AREA		CORR AREA	
					LAT.	MER. DIST.													MIL. of Disk
GRP64442	25	1002+3	1003+2	1014	S27	E18	.619	14915	26.8	12	-N								
HTPR	25	1002	1003	1014	S27	E18	.619	14915	26.8	12	-N		C	1003	30	.4		D	
ZURI	25	1003	1003	1009	S27	E19	.625	14915	26.8	6	-N		C	1003	50	.6		D	
KHAR	25	1005E	1005	10120	S27	E20	.631	14915	26.9	70	-F		C		16	.2		D	
CATA	25	1005	1005	1015	S27	E18	.619	14915	26.8	10	-N	2		1005	28	.4			
CATA	25	1005	1005	1035	S27	E18	.619	14915	26.8	30	-N	2		1005	28	.4			
KANZ	25	1005	1005	10050	S26	E15	.589	14915	26.5		-N								
KANZ	25	1017	1017	10170	S27	E15	.602	14915	26.6		-N		C						
GRP64443	25	1025+0	1031+6	1056	S28	E15	.614	14915	26.6	31	-N								
ZURI	25	1025	1037	1057	S28	E16	.620	14915	26.6	32	-F		C	1037	14	.2		E	
HTPR	25	1025	1031	1100	S28	E16	.620	14915	26.6	35	-N		C	1031	80	1.1		E	
CATA	25	1035	1035	1055	S29	E14	.622	14915	26.5	20	-N	2		1035	28	.4			
KANZ	25	1036	1036	1055	S28	E15	.614	14915	26.6	19	-N		C						
GRP64444	25	1043+6	1049+5	1059	N21	W47	.737	14920	21.9	16	-F								
ZURI	25	1043	1049	1053	N21	W46	.726	14920	22.0	10	-N		C	1049	60	.9			
KANZ	25	1049	1054	1104	N21	W48	.748	14920	21.9	15	-F		C						
GRP64445	25	1435+0	1441+0	1452	N25	W64	.895	14908	20.8	17	-F								
ZURI	25	1435	1441	1459	N25	W65	.902	14908	20.7	24	-F		C	1441	30		1.0	D	
HUAN	25	1435	1441	1445	N26	W64	.896	14908	20.8	10	-F	1	C	1441	40			D	
GRP64446	25	1554+1	1557	1608	S27	E18	.619	14915	27.0	14	-F								
MCMA	25	1554	1557	1615	S28	E18	.631	14915	27.0	21	-N		C	1557	25	.3		DH	
HUAN	25	1555		1601	S27	E18	.619	14915	27.0	6	-F	1	C					DH	
447 MCMA	25	1626	1628	1631	S28	E18	.631	14915	27.0	5	-N		C	1628	25	.3		DH	Y5
448 MCMA	25	1839E		18400	S28	E17	.625	14915	27.1	10	-F		P	1839	20	.2		D	Y5
	25	1840	1849																
	25	1857	1915																
	25	1932	1941																
	25	1942	1947																
	25	2001	2040																
	25	2042	0050																
	26	0203	0205																
449 MANI	26	0542E	0545	0549	S25	E06	.539	14915	26.7	70	-N	2	P	0545	80	1.0			Y5
GRP64450	26	0630+3	0635+0	0640	S27	E09	.576	14915	26.9	10	-N								
CATA	26	0630	0635	06400	S27	E09	.576	14915	26.9	100	-N	2		0635	80	1.0		DH	
MANI	26	0633	0635	0639	S25	E06	.539	14915	26.7	6	-N	2	P	0635	56	.7		H	
HTPR	26	0635E		0640	S28	E12	.601	14915	27.2	50	-N		C	0635	90	1.1		DH	
451 MCMA	26	1312E		1415	S27	E06	.567	14915	27.0	630	-F		C	1321	40	.4		EHK	Y5
452 HUAN	26	1451		1454	S27	E07	.570	14915	27.1	3	-F	1	C						Y5
GRP64453	26	1645+1	1646	1650	S27	E06	.567	14915	27.1	5	-F								
MCMA	26	1645	1646	1649	S28	E06	.581	14915	27.1	4	-N		C	1646	25	.3		D	
HUAN	26	1646		1650	S27	E06	.567	14915	27.1	4	-F	1	C					D	
GRP64454	26	1704+0		1708	S27	E04	.563	14915	27.0	4	-F								
MCMA	26	1704E		1709	S28	E03	.576	14915	26.9	50	-N		C	1704	25	.3		D	
HUAN	26	1704		1706	S27	E05	.565	14915	27.1	2	-F	1	C					D	
455 MCMA	26	1806	1811	1820	S26	E04	.549	14915	27.1	14	-N		C	1811	35	.4		E	Y5
GRP64456	26	1952+1	1954	2004	S25	E03	.533	14915	27.1	12	-N								
MCMA	26	1952	1954	2004	S26	E03	.547	14915	27.1	12	-N		C	1954	60	.7		E	
HUAN	26	1953		19530	S25	E03	.533	14915	27.1		-F	1	P					E	
GRP64457	26	2134	2138+0	2148	S26	W02	.546	14915	26.7	14	-N								
VORO	26	2134	2138	2148	S28	W04	.577	14915	26.6	14	1N		C	2140	161	2.1		EJ	
PALE	26	2136E	2138	21390	S25	W01	.531	14915	26.8	30	-F		C	2138	3			EJ	
458 VORO	26	2210	2212	2215	S31	E55	.905	14924	31.0	5	-F		C	2212	54	1.1		OG	Y5
459 VORO	26	2310	2313	2319	S32	E55	.909	14924	31.1	9	-N		C	2313	63	1.5		OG	Y5
460 CATA	27	0955	1000	1015	N27	W28	.548	14922	25.3	20	-N	2		1000	28	.3			Y5
GRP64461	27	1102+3	1105+1	1125	S26	W10	.566	14915	26.7	23	-B								
KHAR	27	1102E	1106	11210	S27	W11	.584	14915	26.6	190	-N		C	1106	110	1.4		E	
CATA	27	1105	1105	1125	S26	W10	.566	14915	26.7	20	1B	2		1105	337	4.2		E	

H α SOLAR FLARES

15
Aug 77

AUGUST 1977

OBSERVATORY	OBSERVED UT				LOCATION					DURATION	IMPORTANCE	OBS.		MEASUREMENTS			REMARKS	
	DATE AUG	START	MAX. PHASE	END	APPROX		CENTRAL DISTANCE	MAGNITUDE REGION	CMP DAY			MIN.	COND.	TYPE	TIME UT	MEAS. AREA Mill. of Circ		CORR. AREA Sq. Deg.
					LAT.	MER. DIST.												
462 HUAN	27	2035	2039	NO FLARE	PATROL													
	27	2044	2110	NO FLARE	PATROL													
	28	0950	1000	NO FLARE	PATROL													
	28	1817	1821	NO FLARE	PATROL													
463 HUAN	28	1849		1854	S20	E87	1.000	14929	4.3	5	-F	1	C	1851	25		D Y5	
	28	1901	1906	NO FLARE	PATROL													
	28	1909	1913	NO FLARE	PATROL													
	28	1917	1921	NO FLARE	PATROL													
463 HUAN	28	1923		1929	S20	E87	1.000	14929	4.3	6	-F	1	C	1923	30		Y5	
	28	1953	2005	NO FLARE	PATROL													
	28	2036	2124	NO FLARE	PATROL													
	29	0143	0148	NO FLARE	PATROL													
	29	0158	0224	NO FLARE	PATROL													
	29	0249	0300	NO FLARE	PATROL													
	29	0516	0532	NO FLARE	PATROL													
	29	0538	0545	NO FLARE	PATROL													
	464 CATA	29	0735	0740	0740D	S24	W35	.722	14915	26.7	50	-B	2		0740	73	1.1	Y5
465 HUAN	29	1453		1503	S24	W40	.765	14915	26.6	10	-F	1	C				Y5	
	29	1740	1744	NO FLARE	PATROL													
466 VORO	29	1910	2048	NO FLARE	PATROL													
	29	2135E		2149D	S27	W40	.784	14915	26.9	140	-N		C	2136	81	1.3	OJ Y5	
	29	2315	2325	NO FLARE	PATROL													
	29	2333	2338	NO FLARE	PATROL													
467 CATA	30	0520	0526	NO FLARE	PATROL													
	30	0546	0600	NO FLARE	PATROL													
	30	0750E	0755	0830D	S27	W38	.768	14915	27.5	400	-N	2		0755	56	.9	Y5	
GRP64468 KANZ CATA	30	0928	0930	NO FLARE	PATROL													
	30	0936	0945	NO FLARE	PATROL													
	30	1339 ^{x9}	1441	1450	N24	E90	.999	14930	7.3	71	1F						A	
469 HCMA	30	1339	1441	1450	N25	E90	.999	14930	6.3	71	1F						A	
	30	1435	1440	1440D	N24	E90	.999	14930	6.4	50	1F	2	C	1440	56			
470 CATA	30	1543	1548	NO FLARE	PATROL													
	30	1730E	1733	1740D	N25	E90	.999	14930	6.5	100	-F		C	1733			Y5	
	30	1740	1748	NO FLARE	PATROL													
	30	1845	1853	NO FLARE	PATROL													
470 CATA	30	1859	2230	NO FLARE	PATROL													
	31	0820	0830	0830D	N24	E90	.999	14930	7.1	100	-F	2		0830	28		Y5	
GRP64471 MONT KHAR	31	0941	0946+1	0953D	N22	E82	.985	14930	7.6	12	-F							
	31	0941	0946	0950D	N22	E83	.987	14930	6.6	90	-F		C	0946	20		D	
	31	0943E	0947	0953D	N23	E81	.981	14930	6.5	100	-F		C				O	
GRP64472 HTPR KHAR CATA ATHN ZURI	31	1004+6	1015+1	1105D	N26	E80	.978	14930	7.4	61	2N						AEMO	
	31	1004	1010	1014D	N25	E80	.978	14930	6.4	100	1N	*	C				AE	
	31	1005	1016	1140D	N27	E80	.978	14930	6.4	95D	2N	*	C	1035	440		HO	
	31	1010	1015	1105	N27	E85	.991	14930	6.8	55	3B	*		1015	393			
	31	1012E	1015	1040D	N22	E78	.971	14930	6.3	280	1N	*						
	31	1013E	1016	1058D	N26	E81	.981	14930	6.5	450	1N	*	P	1016	100			
	31	2030	2221	NO FLARE	PATROL													

"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 a 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 calcium II lines H and K.
- P = Flare shows helium D₃ in emission.
- Q = Flare shows the Balmer continuum in emission.
- R = Marked asymmetry in H α line suggests ejection of high velocity material.
- S = Brightness follows disappearance of filament (same position).
- T = Region active all day.
- U = Two bright branches, parallel (||) or converging (Y).
- V = Occurrence of an explosive phase: important and abrupt expansion in about a minute with or without important intensity increase.
- W = Great increase in area after time of maximum intensity.
- X = Unusually wide H α line.
- Y = System of loop-type prominences.
- Z = Major sunspot umbra covered by flare.