

4
Nov 74

H α SOLAR FLARES

Confirmed

NOVEMBER 1974

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE NOV	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %	
681 TEHR	01	0624	0644	0635U	S19	H28	.590	13314	27.2	20	1F	4 C		2.46				F 4
GRP61683	01	1715	1724	1718	N11	E83	.991	13324	7.9	9	-N			.41				1 1 1 2
PALE	01	1715	1724	1717	N12	E82	.988	13324	7.9	9	-N	2 V		.40				DE
PALE	01	1718E	1724	1718U	N11	E85	.995	13324	8.1	60	-N	2 C		.41				DE
	01	2003	2008	NO FLARE PATROL														
	01	2057	2108	NO FLARE PATROL														
GRP61685	01	2244	2251	2246	N11	E73	.954	13324	7.4	7	--F			.31				1 1 1 2
PALE	01	2244	2251	2246	N12	E73	.954	13324	7.4	7	-F	2 C		.31				DE
PALE	01	2244	2251	2246	N11	E73	.954	13324	7.4	7	-F	3 V		.30				DE
	02	0341	0350	NO FLARE PATROL														
	02	0445	0454	NO FLARE PATROL														
	02	0459	0500	NO FLARE PATROL														
GRP61686	02	1009	1023	1014	S09	H33	.580	13310	30.9	14	--F			.37				2 2 2 3
ATHN	02	1007	1019	1010	S08	H35	.602	13310	27.8	12	-F	1 C	1010	.17	.18			DE
ATHN	02	1007	1019	1010	S08	H35	.602	13310	27.8	12	-F	3 V		.16				DE
ATHN	02	1008	1021	1013	S10	H32	.573	13310	28.0	13	-F	3 C		.33				DE
HTPR	02	1010	1025	1015	S09	H32	.567	13310	28.0	15	-F	C	1015	.41	.50			
GRP61687	02	1010	1021	1013	N06	E70	.938	13324	7.7	11	--F			.42				2 2 2 3
HTPR	02	1007	1021	1011	N04	E71	.944	13324	7.7	14	-F	C	1011	.31				
ATHN	02	1013	1020	1015	N08	E70	.937	13324	7.7	7	-N	1 C	1015	.52	.99			DE
ATHN	02	1013	1025	1017	N08	E68	.925	13324	7.5	12	-N	3 C		.50				DE
ATHN	02	1013	1020	1015	N08	E70	.937	13324	7.7	7	-N	3 V		.48				DE
688 HTPR	02	1058	1101	1058	N15	E67	.918	13324	7.5	3	--N	C	1058	.21	.40			2
689 HTPR	02	1113	1132	1114	S23	E35	.691	13318	5.1	19	--F	C	1114	.21	.30			2
GRP61692	02	1455	1515	1506	N12	E65	.904	13324	7.5	20	--F			.31				3 3 3 6
HTPR	02	1450	1514	1504	N14	E63	.889	13324	7.3	24	-F	C	1504	.31	.50			
MCMA	02	1455	1520	1506	N13	E64	.897	13324	7.4	25	-F	C	1506	.31	.70			0
HUAN	02	1459	1512	1507	N14	E64	.897	13324	7.4	13	-F	1 C	1507	.31	.68			
HTPR	02	1520	1522	1521	N03	E70	.939	13324	7.9	2	-F	C	1521	.10	.20			
693 HUAN	02	1612	1616	1613	N10	E70	.937	13324	7.9	4	--F	1 C	1613	.46				2
694 HUAN	02	1623	1643	1634	N05	E68	.926	13324	7.8	20	--F	1 C	1634	.31	.68			2
696 HUAN	02	1755	1800	1758	N19	E68	.926	13324	7.8	5	--F	1 C						2
	02	2001	2009	NO FLARE PATROL														
GRP61697	02	2043	2057	2044	N09	E63	.889	13324	7.8	14	--N			.30				1 1 1 2
PALE	02	2043	2057D	2044	N08	E65	.904	13324	7.7	140	-N	2 V		.30				DE
PALE	02	2043	2056	2043	N10	E61	.872	13324	7.4	13	-N	2 C		.19				DE
698 PALE	02	2219	2233	2221	N18	E65	.906	13324	7.8	14	--F	2 C		.36				DE 2
	02	2346	2354	NO FLARE PATROL														
	02	2356	0000	NO FLARE PATROL														
GRP61699	03	0101	0108	0104	N09	E57	.837	13324	7.3	7	--F			.63				1 1 1 2
PALE	03	0101	0108D	0104	N10	E59	.855	13324	7.5	70	-F	3 C		.63				F
PALE	03	0103E	0108D	0106	N08	E55	.817	13324	7.2	50	-F	3 V		.60				F
GRP61700	03	0121	0133	0122	N10	E56	.827	13324	7.3	12	--F			.55				1 1 1 2
PALE	03	0121E	0129	0121U	N11	E54	.808	13324	7.1	80	-F	3 V		.40				DE
PALE	03	0122E	0133	0122U	N10	E58	.846	13324	7.4	110	-F	3 C		.55				DE
	03	0444	0453	NO FLARE PATROL														
GRP61703	03	0714	0723	0717	N12	E64	.897	13324	8.1	9	--F			.62				2 2 2 6
ATHN	03	0714	0720	0717	N10	E65	.904	13324	8.2	6	-N	1 C	0717	.34				
ATHN	03	0714E	0720	0717	N10	E65	.904	13324	8.2	60	-N	4 V		.33				DE
ABST	03	0715E	0725D	0716	N13	E63	.889	13324	8.0	100	-F	C	0716	.90	1.80			DJK

5
Nov 74

H α SOLAR FLARES

Confirmed

NOVEMBER 1974

OBSERVATORY	OBSERVED UT				LOCATION					DURATION	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCNATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %	
GRP61705	03	0839	0907	0841	N11	E59	.855	13324	7.8	28	-N			.66				3 3 3 7
HTPR	03	0837	0848	0840	N12	E62	.881	13324	8.0	11	-N		0840	.21	.40			
ARCE	03	0840	0910	0840	N12	E61	.873	13324	7.9	30	-N		0840	.79	1.60			
TEHR	03	0841E	0850D	0844U	N08	E60	.864	13324	7.9	90	-F	3		.99				F
HTPR	03	0851	0904	0855	N12	E61	.873	13324	7.9	13	-F		0855	.21	.40			
HTPR	03	0904	0925	0917	N14	E54	.810	13324	7.4	21	-F		0917	.10	.20			
708 HTPR	03	1030	1036	1031	N08	E64	.896	13324	8.2	6	--F		1031	.21	.40			5
GRP61709	03	1210	1220	1213	N13	E56	.829	13324	7.7	10	--N			.46				4 4 4 4
HTPR	03	1205	1217	1214	N13	E53	.799	13324	7.5	12	-N		1214	.31	.50			
ATHN	03	1210	1221	1212	N12	E58	.847	13324	7.9	11	-N	1	1212	.68	.97			
HUAN	03	1213	1219	1213	N13	E56	.829	13324	7.7	6	-F	1	1213	.36	.65			E
TEHR	03	1213E	1222	1214U	N14	E57	.839	13324	7.8	90	-N	4		.50				OE
	03	1605	1608	NO FLARE PATROL														
	03	1633	1636	NO FLARE PATROL														
GRP61711	03	1742	1750	1745	N14	E49	.758	13324	7.4	8	-B			.70				3 3 3 3
RAMY	03	1741	1750	1745	N15	E52	.791	13324	7.6	9	-B	4		.80				OE
RAMY	03	1741	1747	1745	N16	E49	.761	13324	7.4	6	-B	3		.56				OE H
PALE	03	1741	1754	1744	N13	E48	.745	13324	7.3	13	-B	3		.90				OE H
HUAN	03	1742E	1750	1745	N14	E48	.747	13324	7.3	80	-N	1	1745	.41	.62			C
PALE	03	1742	1749	1744	N14	E48	.747	13324	7.3	7	-B	3		.81				OE H
GRP61712	03	2038	2055	2047	N09	E55	.817	13324	8.0	17	--F			.60				2 2 2 3
PALE	03	2031	2055	2045	N08	E55	.817	13324	8.0	24	-F	3		.55				OE
PALE	03	2031	2053	2044U	N07	E54	.807	13324	7.9	22	-F	3		.40				OE
RAMY	03	2044	2055	2048U	N10	E55	.817	13324	8.0	11	-F	2		.65				F
	03	2228	2233	NO FLARE PATROL														
GRP61713	04	0540	0552	0543	N07	E51	.775	13324	8.1	12	--F			.17				1 1 1 3
ATHN	04	0540	0552	0543	N09	E52	.786	13324	8.1	12	-F	3		.17				OE
ATHN	04	0543	0548	0544	N07	E51	.775	13324	8.1	5	-F	1	0544	.17	.20			
ATHN	04	0543	0548	0544	N07	E52	.786	13324	8.1	5	-F	4		.16				OE
GRP61714	04	0707	0723	0709	N14	E39	.639	13324	7.2	16	-N			.81				2 2 2 6
ATHN	04	0700	0720	0710	N14	E40	.651	13324	7.3	20	-N	3		.50				F
ATHN	04	0705	0715	0709	N11	E40	.646	13324	7.3	10	-N	1	0709	.52	.55			
ATHN	04	0705	0715	0709	N11	E40	.646	13324	7.3	10	-N	4		.48				F
BUCA	04	0708	0725		N16	E38	.632	13324	7.1	17	-N		0710	1.10	1.40			
GRP61715	04	0743	0851	0759	N13	E39	.636	13324	7.2	68	1N			1.57				5 3 3 5
TACH	04	0740	0755	0746	N14	E39	.639	13324	7.2	15	1N		0746	1.83	2.39			66 EU
ATHN	04	0741	0850	0746	N11	E39	.633	13324	7.2	69	-B	1	0746	.68	1.26			
ATHN	04	0741	0850	0746	N11	E39	.633	13324	7.2	69	-B	4		.66				U F
BUCA	04	0747	0851		N14	E40	.651	13324	7.3	64	1N		0752	2.21	2.90			E
CATA	04	0755E	0800D	0755	N13	E40	.649	13324	7.3	50	1B	3	0755	2.90	3.81			(251)
TEHR	04	0828E	0837D	0830U	N12	E46	.721	13324	7.8	90	1N	1		2.32				U
TEHR	04	0828E	0837D	0830U	N12	E46	.721	13324	7.8	90	1N	1		2.25				U
GRP61716	04	0904	0941	0917	N14	E41	.664	13324	7.5	37	1N			.48				3 3 2 3
KHAR	04	0900E	1115D		N13	E41	.662	13324	7.5	1350	2N							E
ATHN	04	0907	0931	0917	N14	E38	.626	13324	7.2	24	-F	3		.33				OE
HTPR	04	0918E	0938		N13	E41	.662	13324	7.5	200	-N		0919	.62	.80			
HTPR	04	0944	0954	0948	N15	E49	.759	13324	8.1	10	-F		0948	.31	.40			
GRP61717	04	1002	1031	1010	N13	E38	.623	13324	7.3	29	--F			.59				2 2 2 5
HTPR	04	1002	1030	1005	N12	E38	.621	13324	7.3	28	-F		1005	.10	.10			
ABST	04	1013E	1032D	1015	N13	E37	.610	13324	7.2	190	-F		1015	1.08	1.40			D
718 ATHN	04	1037	1052	1042	S14	H76	.976	13314	26.7	15	--F	3		.33				F 3
GRP61719	04	1057	1118	1107	N14	E40	.651	13324	7.5	21	--N			.56				4 4 4 5
ATHN	04	1045	1101	1048	N16	E46	.750	13324	8.0	16	-F	3		.33				F
HTPR	04	1057	1125	1106	N14	E38	.626	13324	7.3	28	-N		1106	.21	.20			
ATHN	04	1057	1116	1101	N12	E38	.621	13324	7.3	19	-F	1	1101	.52	.55			
ATHN	04	1057	1114	1100	N14	E37	.613	13324	7.2	17	-F	3		.33				OE
CATA	04	1105E	1115D	1115	N13	E37	.610	13324	7.2	100	-B	3	1115	.87	1.09			(234)
TEHR	04	1105E	1107D	1106U	N15	E43	.691	13324	7.7	20	-B	1		.62				OE
TEHR	04	1105E	1107D	1106U	N15	E43	.691	13324	7.7	20	-B	1		.60				OE
720 HTPR	04	1346	1355	1350	N12	E37	.608	13324	7.3	9	--F		1350	.10	.10			2
721 HTPR	04	1413	1432	1419	S10	H61	.886	13310	28.0	19	--F		1419	.10	.20			1
722 HTPR	04	1519	1524	1519	S10	H61	.886	13310	28.1	5	--F		1519	.10	.20			2

6
Nov 74

H α SOLAR FLARES

Confirmed

NOVEMBER 1974

OBSERVATORY	OBSERVED UT				LOCATION				DURATION	IM-PORTANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE NOV	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MC MATH PLAGE REGION	CMP DAY	MIN.	MAX.	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %	
723 BOUL	04	1534	1548	1536	N10	E34	.563	13324	7.2	14	--F	C	1537	.54	.65		2
	04	1553	1637	NO FLARE PATROL													
GRP61724	04	1701	1734	1708	N12	E45	.709	13324	8.1	33	-F		1709	1.71			3 2 2 3
BOUL	04	1700	1740	1709	N12	E44	.697	13324	8.0	40	1N	C	1709	1.82	2.54		
PALE	04	1702	1728	1707	N11	E45	.708	13324	8.1	26	-F	2 V		1.60			F
PALE	04	1702	1728	1708	N12	E45	.709	13324	8.1	26	-F	3 C		1.35			F
HUAN	04	1717E	17210		N13	E45	.711	13324	8.1	40	-F	1 P					E
GRP61725	04	2042	2046	2042	N13	E38	.623	13324	7.7	4	--F			.23			1 1 1 2
PALE	04	2042E	2046	2042U	N13	E38	.623	13324	7.7	40	-F	3 C		.23			DE
	04	2042E	2046	2042U	N13	E39	.636	13324	7.8	40	-F	3 V		.20			DE
GRP61726	04	2049	2127	2054	N14	E34	.573	13324	7.4	38	--F		2052	1.12	1.89		2 2 2 3
BOUL	04	2047	2127	2056	N13	E32	.542	13324	7.3	40	-N	C		1.61			
PALE	04	2050	20520	2052U	N14	E35	.586	13324	7.5	20	-F	3 C		.62			U
PALE	04	2050	20520	2052U	N14	E35	.586	13324	7.5	20	-F	3 V		.50			U
	04	2245	2248	NO FLARE PATROL													
728 PALE	05	0038	0059	0041	N07	E41	.655	13324	8.1	21	--F	3 C		.46			DE 3
729 ABST	05	0815	09040	0859	S12	W75	.971	13310	27.7	490	1N	P	0859	.99			FJK 3
	05	0905	0915	NO FLARE PATROL													
730 CATA	05	0915E	10000	0950	S11	W73	.962	13310	27.9	450	1B	3	0950	.87		(224)	1
	05	1000	1019	NO FLARE PATROL													
GRP61731	05	1122	1144	1130	N14	E28	.490	13324	7.6	22	-B		1125	1.18			2 2 2 2
HTPR	05	1119	1143	1125	N14	E28	.490	13324	7.6	24	-N	C	1125	.62	.70		E
CATA	05	1125	1145	1135	N13	E28	.486	13324	7.6	20	-B	3	1135	1.73	1.99	(240)	
732 HTPR	05	1225	1245	1240	S14	W78	.983	13310	27.7	20	--F	C	1240	.41			E 2
733 HTPR	05	1320	1355	1326	S14	W78	.983	13310	27.7	35	--F	C	1326	.41			E 3
734 CATA	05	1335	1355	1340	N10	E90	1.000	13329	12.3	20	1B	3	1340	.87		(204)	3
GRP61735	05	1529	1601	1538	S12	W78	.982	13310	30.8	32	1N		1535	.76			3 3 3 3
HTPR	05	1528	15500	1535	S12	W80	.988	13310	27.6	220	-B	C		.52			
PALE	05	1530	1544	1536	S12	W76	.975	13310	27.9	14	1N	3 V		.26			DE
BOUL	05	1539E	1630	1544	S13	W77	.979	13310	27.9	510	1N	C	1544	1.50	4.74		
736 BOUL	05	1640	17000	1649	N08	E31	.516	13324	8.0	200	1N	C	1649	1.93	2.24		2
	05	1718	1732	NO FLARE PATROL													
	05	1735	1743	NO FLARE PATROL													
737 BOUL	05	1910	1923	1913	S11	W78	.982	13310	27.9	13	--N	C	1913	.21	.68		3
738 BOUL	05	1951	2042	2001	S10	W81	.990	13310	27.8	51	--F	C	2001	.32	1.09		1
739 PALE	05	2154	22080	2157	S13	W82	.993	13310	27.8	140	--F	2 C		.27			DE 3
GRP61740	05	2227	2238	2231	S11	W86	.998	13310	30.5	11	--F		2230	.24			2 2 2 3
BOUL	05	2227	2237	2230	S11	W89	1.000	13310	27.3	10	-F	C		.21	.85		
PALE	05	2231E	22390	2231U	S10	W82	.992	13310	27.8	80	-F	2 C		.27			DE
PALE	05	2231E	2238	2231U	S10	W82	.992	13310	27.8	70	-F	3 V		.20			DE
GRP61741	05	2352	0001	2353	S12	W82	.993	13310	30.8	9	--F	2 C		.31			1 1 1 2
PALE	05	2352	0001	2353	S12	W82	.993	13310	27.8	9	-F	2 C		.31			DE
PALE	05	2352	0001	2353	S13	W82	.993	13310	27.8	9	-F	3 V		.30			DE
742 PALE	06	0012	0022	0018	S13	W83	.995	13310	27.8	10	--F	3 V		.70			DE 2
743 PALE	06	0213	02200	02200	S12	W85	.997	13310	27.7	70	1B	1 V		.83			DE 2
GRP61744	06	0310	0332	0318	S13	W86	.999	13310	30.7	22	1B		0314	.76			3 3 3 3
CULG	06	0306	0326	0314	S16	W90	1.000	13310	27.4	20	1B	C		.46			
PALE	06	0309	03420	0335	S12	W85	.997	13310	27.8	330	1B	1 C		.72			DE
PALE	06	0313	03420	0320	S12	W85	.997	13310	27.8	290	1B	1 V		.80			DE
TEHR	06	0319E	03290	0320U	S11	W84	.996	13310	27.8	100	1B	2 C		1.03			DE
TEHR	06	0319E	03290	0320U	S11	W84	.996	13310	27.8	100	1B	2 V		1.00			DE

H α SOLAR FLARES

Confirmed

NOVEMBER 1974

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM. POR. TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE NOV	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MC MATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %	
GRP61747	06	0740	0743	0741	S09	H88	1.000	13310	30.7	3	-N			.31				1 1 1 4
TEHR	06	0740E	07430	0741U	S09	H88	1.000	13310	27.7	30	-N	2 C		.31				DE
TEHR	06	0740E	07430	0741U	S09	H88	1.000	13310	27.7	30	-N	2 V		.30				DE
GRP51749	06	1345	1437	1403	N15	E14	.304	13324	7.6	52	18			2.52				2 2 2 3
HTPR	06	1345	1425	1400	N14	E14	.294	13324	7.6	40	18	C	1400	2.06	2.10			EIU
RAMY	06	1404E	1449	1405U	N15	E14	.304	13324	7.6	450	18	3 C		2.97				U
61749	06	1415	1442	1421	N15	E12	.279	13324	7.5	27	*1N			3.75				2 2 2 5
LOCA	06	1415E	1440	1415	N15	E11	.268	13324	7.4	250	2N	P	1415	5.47	5.70			
BOUL	06	1422E	14430	1427U	N15	E12	.279	13324	7.5	210	1N	C	1427	2.03	2.08			
GRP61751	06	2158	2209	2200	N08	E12	.219	13324	7.8	11	--F			1.00				1 1 1 2
PALE	06	2158	2209	2200	N08	E11	.203	13324	7.7	11	-F	2 V		1.00				DE
PALE	06	2158	2209	2200	N08	E13	.235	13324	7.9	11	-F	2 C		.77				DE
	06	2250	2255		NO FLARE PATROL													
	07	0424	0439		NO FLARE PATROL													
	07	0514	0534		NO FLARE PATROL													
GRP51752	07	1500	1520	1505	N10	H06	.150	13324	7.2	20	--F			.27				2 2 2 4
HTPR	07	1459	15010		N10	H09	.139	13324	7.2	20	-F	C	1501	.21	.20			
BOUL	07	1500	1520	1505	N09	H06	.138	13324	7.2	20	-F	C	1505	.32	.32			
GRP61753	07	1523	1556	1530	N14	H02	.181	13324	7.5	33	--N			.68				4 3 3 4
BOUL	07	1522	1556	1530	N14	H01	.178	13324	7.6	34	-N	C	1530	.86	.86			
MCHA	07	1523	1600	1529	N14	H02	.181	13324	7.5	37	-N	C	1529	.83	.80			EV
HUAN	07	1523	1552	1530	N14	H02	.181	13324	7.5	29	-N	2 C	1530	.36	.37			E
RAMY	07	1543E	1551	1545	N14	H01	.178	13324	7.6	80	-F	3 C		.51				OE
754 BOUL	07	1935	1947	1938	N12	H05	.167	13324	7.4	12	--F	C	1938	.32	.32			2
GRP61755	07	2102	2115	2107	N12	H05	.167	13324	7.5	13	--F			.33				3 3 3 4
BOUL	07	2055	2115	2107	N12	H04	.159	13324	7.6	20	-F	C	2107	.43	.43			
RAMY	07	2104	21080	2106U	N12	H08	.198	13324	7.3	40	-F	2 C		.24				DE
PALE	07	2106	2114	2109	N11	H03	.136	13324	7.7	8	-F	2 C		.31				DE
PALE	07	2106	2114	2109	N11	H03	.136	13324	7.7	8	-F	2 V		.30				DE
GRP61756	07	2213	2227	2217	N13	H03	.168	13324	7.7	14	--F			.59				2 2 2 3
PALE	07	2213	2224	2216	N12	H05	.167	13324	7.6	11	-F	2 C		.63				F
BOUL	07	2213	2230	2217	N13	E00	.160	13324	7.9	17	-F	C	2217	.54	.54			
GRP61758	08	0037	0048	0043	N12	H10	.224	13324	7.3	11	--F			.27				1 1 1 3
PALE	08	0037	0048	0043	N12	H10	.224	13324	7.3	11	-F	2 C		.27				DE
PALE	08	0038E	0048	0041U	N12	H10	.224	13324	7.3	100	-F	2 V		.25				OE
	08	0318	0333		NO FLARE PATROL													
GRP51759	08	1022	1034	1026	N15	H12	.282	13324	7.5	12	--F			.26				2 2 2 4
HTPR	08	1020	1035	1026	N14	H13	.284	13324	7.5	15	-F	C	1026	.10	.10			
MONI	08	1024	1033	1026	N15	H11	.270	13324	7.6	9	-F	C	1026	.41				E
	08	2207	2219		NO FLARE PATROL													
760 HUAN	10	1437	1449	1439	N06	H38	.615	13324	7.8	12	--F	1 C	1439	.26	.33			D 2
761 HUAN	10	1539	1638	1546	N05	H40	.642	13324	7.7	59	1N	2 C	1546	1.50	1.99			E 3
	11	0339	0340		NO FLARE PATROL													
	11	0429	0441		NO FLARE PATROL													
	11	0445	0500		NO FLARE PATROL													
	11	0548	0624		NO FLARE PATROL													
	11	0628	0635		NO FLARE PATROL													
	11	0650	0705		NO FLARE PATROL													
GRP61763	11	0827	0845	0834	N08	E04	.107	13329	11.7	18	--F			.47				3 3 3 4
HTPR	11	0824	0853	0831	N08	E04	.107	13329	11.6	29	-F	C	0831	.41	.40			
ARGE	11	0830	0840		N08	E04	.107	13329	11.7	10	-F	C	0837	.67	.70			
ATHN	11	0833	0843	0836	N08	E06	.132	13329	11.8	10	-F	1 C	0836	.34	.33			
ATHN	11	0833E	0843	0836	N08	E06	.132	13329	11.8	100	-F	3 V		.32				DE
ATHN	11	0836E	08430	0836U	N09	E04	.121	13329	11.7	70	-F	3 C		.33				DE

H α SOLAR FLARES

Confirmed

NOVEMBER 1974

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE NOV	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMAH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %	
					LAT.	MER. DIST.												
764 HTPR	11	0851	0855	0851	N04	W18	.309	13333	10.0	4	--F	C	0851	.21	.20		E 2	
GRP51765	11	1624	1633	1627	N04	W22	.374	13333	10.0	9	--N			.43			2 2 2 2	
HUAN	11	1624	1633	1626	N04	W23	.390	13333	10.0	9	-N	1 C	1626	.31	.33			
BOUL	11	1624	1633	1628	N04	W21	.358	13333	10.1	9	-N	C	1628	.54	.57			
	12	1500	1610		NO FLARE PATROL													
	12	2009	2023		NO FLARE PATROL													
	12	2041	2058		NO FLARE PATROL													
	12	2102	2118		NO FLARE PATROL													
	12	2131	2148		NO FLARE PATROL													
	12	2152	2210		NO FLARE PATROL													
	13	0338	0440		NO FLARE PATROL													
	13	1527	1530		NO FLARE PATROL													
	13	1728	1735		NO FLARE PATROL													
	13	1741	1758		NO FLARE PATROL													
	13	2108	2110		NO FLARE PATROL													
	14	2137	2142		NO FLARE PATROL													
	14	2214	2242		NO FLARE PATROL													
	15	0450	0500		NO FLARE PATROL													
	15	0800	0807		NO FLARE PATROL													
GRP51767	15	1415	1429	1420	N11	E79	.980	13338	21.5	14	-N			.37			3 3 3 4	
RAMY	15	1415E	1429	1418U	N11	E77	.973	13338	21.4	140	-N	3 C		.28			DE	
ATHN	15	1415	1430	1417	N10	E80	.984	13338	21.6	15	-N	1 C	1417	.52	1.46			
ATHN	15	1415	1430	1417	N10	E80	.984	13338	21.6	15	-N	3 C		.50			DE	
HUAN	15	1416	1428	1426	N11	E80	.984	13338	21.6	12	-N	1 C	1426	.31				
	15	1624	1627		NO FLARE PATROL													
	15	2026	2033		NO FLARE PATROL													
	15	2235	2241		NO FLARE PATROL													
	16	0411	0412		NO FLARE PATROL													
GRP51770	16	1154	1216	1159	N37	W78	.981	13339	10.6	22	--F			.30			2 2 2 5	
RAMY	16	1153	1211	1158	N37	W77	.978	13339	10.7	18	--F	4 C		.19			DE H	
MONT	16	1155	12200	1200	N37	W78	.981	13339	10.6	250	-F	C	1200	.41			EHK	
GRP51771	16	2000	2008	2000	N37	W77	.978	13339	11.1	8	--F			.41			1 1 1 2	
PALE	16	2000E	2008	2000U	N37	W79	.983	13339	10.9	80	-F	3 C		.41			DE	
PALE	16	2000E	2008	2001U	N37	W75	.972	13339	11.2	80	-F	3 V		.40			DE	
	16	2140	2153		NO FLARE PATROL													
	16	2158	2209		NO FLARE PATROL													
GRP51772</																		

H α SOLAR FLARES

Confirmed

NOVEMBER 1974

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM-PORTANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS	
	DATE NOV	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCARTH. PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %		
					LAT.	MER. DIST.													
	17	2353	0015	NO FLARE PATROL															
	18	0033	0044	NO FLARE PATROL															
GRP51774	18	0046	0102	0051	N14	E46	.729	13338	21.5	16	--F			.52				2 2 2 2	
MANI	18	0046E	0102	0050U	N11	E47	.736	13338	21.6	160	-F	1	0050	.41	.62			DE	
PALE	18	0050E	0052	0051	N17	E46	.736	13338	21.5	20	-F	2		.62				DE	
PALE	18	0051E	0057D	0051U	N15	E44	.709	13338	21.3	60	-F	2		.49					
GRP51775	18	0355	0406	0358	N17	E43	.703	13338	21.4	11	--F			.88				2 2 2 4	
MITK	18	0355	0404	0358	N17	E43	.703	13338	21.4	9	-N		0358	1.34	1.90			E	
MANI	18	0357E	0407	0357U	N17	E42	.691	13338	21.3	100	-F	1	0357	.41	.57			F	
778 RANY	18	1639	1655	1643	N13	E90	1.000	13343	25.4	16	-N	3						1	
780 BOUL	18	2228	2233D	2230D	N15	E38	.636	13338	21.8	50	--F		2230	.86	1.08			1	
	18	2232	2238	NO FLARE PATROL															
GRP51781	18	2238	2242	2238	N16	E39	.652	13338	21.9	4	--F			.83				1 1 1 1	
PALE	18	2238E	2242D	2238U	N15	E39	.648	13338	21.9	40	-F	2		.83				DE	
PALE	18	2238E	2242D	2238U	N17	E40	.667	13338	21.9	40	-F	2		.80				DE	
	18	2242	2300	NO FLARE PATROL															
782 MANI	18	2335E	2340	2335U	N11	E90	1.000	13343	25.7	50	-N		2335	.41	1.34			2	
GRP51783	19	0056	0108	0058	N02	E59	.857	13341	23.5	12	--F			.39				2 2 2 3	
PALE	19	0056	0108	0058	N02	E59	.857	13341	23.5	12	-F	2		.36				DE	
PALE	19	0056	0108	0058	N03	E59	.857	13341	23.5	12	-F	2		.30				DE	
MANI	19	0057E	0107D	0057U	N02	E59	.857	13341	23.5	100	-N	2	0057	.41	.74				
GRP51785	19	0746	0812	0752	N09	E90	1.000	13343	26.1	26	-B							1 1 0 5	
ATHN	19	0746	0812	0752	N08	E90	1.000	13343	26.1	26	-B	3						DE	
ATHN	19	0748	0810	0753	N11	E90	1.000	13343	26.1	22	-B	3						DE	
786 ATHN	19	0858	0913	0901	N08	E90	1.000	13343	26.1	15	-N	3						DE	
GRP51787	19	1232	1251	1246	N05	E89	1.000	13343	26.2	19	--F			.21				3 2 1 5	
HPR	19	1232	1251	1246	N05	E90	1.000	13343	26.3	19	-F		1246	.21				A	
ATHN	19	1232	1259	1234	N07	E90	1.000	13343	26.3	27	-N	3						DE	
HUAN	19	1240E	1250		N05	E88	.999	13343	26.1	100	-F	1						C	
GRP51788	19	1834	1858	1842	N18	E25	.486	13338	21.6	24	--F			.38				4 4 3 4	
BOUL	19	1830	1904	1841	N18	E25	.486	13338	21.6	34	-F		1841	.43	.47				
HUAN	19	1834	1857	1845U	N17	E26	.491	13338	21.7	23	-F	1							
PALE	19	1837	1853	1840	N19	E25	.493	13338	21.7	16	-N	3		.41				DE	
PALE	19	1837	1853	1840	N19	E25	.493	13338	21.7	16	-N	3		.40				DE	
RANY	19	1839E	1852D	1841	N18	E25	.486	13338	21.7	130	-F	3		.31					
	19	2248	2256	NO FLARE PATROL															
	20	0331	0340	NO FLARE PATROL															
	20	0345	0418	NO FLARE PATROL															
	20	0431	0434	NO FLARE PATROL															
	20	0447	0455	NO FLARE PATROL															
789 ATHN	20	1333	1400	1349	N12	E74	.961	13343	26.1	27	--F	3		.17				F 1	
	20	1443	1550	NO FLARE PATROL															
	20	2157	2230	NO FLARE PATROL															
GRP51791	21	0128	0140	0132	N12	E57	.842	13343	25.3	12	--F			.73				2 2 2 4	
MANI	21	0128	0140	0131	N10	E59	.858	13343	25.5	12	-F	2	0131	.83	1.48				
PALE	21	0131E	0139	0133U	N14	E55	.825	13343	25.2	80	-N	2		.62				DE	
PALE	21	0131E	0139	0133U	N14	E55	.825	13343	25.2	80	-N	2		.60				DE	
GRP51792	21	0147	0205	0148	N03	E33	.544	13341	23.5	18	--F			.34				2 2 2 4	
PALE	21	0147	0156D	0148U	N02	E33	.544	13341	23.5	90	-F	2		.27				DE	
PALE	21	0147	0154	0148U	N04	E33	.545	13341	23.5	7	-F	2		.20				DE	
MANI	21	0148E	0205	0148U	N02	E33	.544	13341	23.5	170	-F	2	0148	.41	.49				
GRP51793	21	0309	0331	0312	N04	E32	.530	13341	23.5	22	--F			.21				1 1 1 3	
PALE	21	0309	0331	0312	N04	E32	.530	13341	23.5	22	-F	2		.21				DE	
PALE	21	0309	0331	0312	N04	E32	.530	13341	23.5	22	-F	2		.20				DE	

H α SOLAR FLARES

Confirmed

NOVEMBER 1974

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE NOV	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MONTH FLARE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H _g	MAX. INT. %	
					LAT.	MER. DIST.												
GRP51794	21	0635	0640	0636	N10	E58	.849	13343	25.6	5	--F			.31				1 1 1 3
TEHR	21	0635	0640	0636	N10	E58	.849	13343	25.6	5	--F	4 C		.31				F
TEHR	21	0636E	06400	0636U	N10	E58	.849	13343	25.6	40	-F	4 V		.30				F
796 BOUL	21	1612	1626D	1615	N04	E24	.407	13341	23.5	140	--F	C	1615	.43	.47			3
798 BOUL	21	1854	1901	1857	N06	E49	.755	13343	25.5	7	--F	C	1857	.32	.49			1
799 RAMY	21	2011E	20170	2014U	N02	E22	.374	13341	23.5	60	--F	2 V		.28				HDE 2
	21	2310	2313	NO FLARE PATROL														
	21	2314	2318	NO FLARE PATROL														
801 MCMA	22	1600	1620	1605	N02	E10	.174	13341	23.4	20	--F	C	1605	.62	.60			E 3
	22	1951	1953	NO FLARE PATROL														
	23	0313	0320	NO FLARE PATROL														
	23	0325	0335	NO FLARE PATROL														
GRP61803	23	0516	0528	0519	N14	W21	.407	13338	21.6	12	--F			.38				1 1 1 3
TEHR	23	0516	0528	0519	N15	W21	.415	13338	21.6	12	-F	4 C		.38				F
TEHR	23	0518E	0528D	0520U	N14	W21	.407	13338	21.6	100	-F	4 V		.35				F
GRP61804	23	1119	1126	1121	N06	E25	.427	13343	25.3	7	--N			.34				1 1 1 3
ATHN	23	1119	1126	1121	N06	E25	.427	13343	25.3	7	-N	1 C	1121	.34	.33			F
ATHN	23	1119	1126	1121	N06	E25	.427	13343	25.3	7	-F	3 V		.33				
	23	1404	1429	NO FLARE PATROL														
	23	1749	1757	NO FLARE PATROL														
GRP61805	23	2304	2321	2309	N10	E27	.470	13343	26.0	17	--F			.37				2 2 2 4
PALE	23	2304	2312	2306	N11	E26	.460	13343	25.9	8	-F	2 C		.52				DE
PALE	23	2304	2321	2306	N11	E26	.460	13343	25.9	17	-F	2 C		.52				DE
HANI	23	2311E	23210	2311U	N09	E27	.466	13343	26.0	100	-F	1 C	2311	.21	.23			
	24	0448	0450	NO FLARE PATROL														
	24	0454	0509	NO FLARE PATROL														
GRP61807	24	0606	0622	0612	N02	W11	.191	13341	23.4									

11
Nov 74

H α SOLAR FLARES

Confirmed

NOVEMBER 1974

OBSERVATORY	OBSERVED UT			LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE NOV	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMT PLAGE REGION	CMP DAY			TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %	
	25	1655	1656	NO FLARE	PATROL												
	25	1714	1727	NO FLARE	PATROL												
	25	1858	1903	NO FLARE	PATROL												
	25	1907	1918	NO FLARE	PATROL												
	25	2155	2205	NO FLARE	PATROL												
	25	2238	2240	NO FLARE	PATROL												
	26	0619	0621	NO FLARE	PATROL												
	26	0631	0650	NO FLARE	PATROL												
	26	0710	0735	NO FLARE	PATROL												
818 MONT	26	0818	0825	0821	N06	E03	.094	13343	26.6	7	--F	C	0821	.21			H 2
819 HTPR	26	0847	0900	0848	N06	E02	.085	13343	26.5	13	--F	C	0848	.10	.10		2
822 RAHY	26	1422	1429	1424	N11	N68	.926	13338	21.5	7	--F	3 C		.23			DE 3
	26	2233	2300	NO FLARE	PATROL												
GRP61824	27	0811	0817	0814	N16	W82	.990	13338	21.2	6	-N			.89			2 2 2 2
ATHN	27	0810	0816	0813	N15	W78	.978	13338	21.5	6	-N	1 C	0813	.68	1.52		
ATHN	27	0810E	0816	0813U	N15	W78	.978	13338	21.5	6D	-N	3 C		.66			F
ATHN	27	0810E	0816	0813U	N15	W78	.978	13338	21.5	6D	-N	3 V		.64			F
ABST	27	0812	0817	0815	N16	W85	.996	13338	21.0	5	1N	C	0815	1.10		47	AFJ
	27	2320	2331	NO FLARE	PATROL												
	28	0145	0150	NO FLARE	PATROL												
828 ATHN	28	1133	1140	1136	N05	W35	.576	13343	25.9	7	--F	1 C	1136	.17	.16		3
	28	1621	1704	NO FLARE	PATROL												
GRP61830	29	0157	0235	0201	N08	W46	.723	13343	25.6	38	-B			1.50			2 2 2 3
MITK	29	0155	0240	0201	N08	W45	.711	13343	25.7	45	1N	C	0201	2.06	2.90		E
VORO	29	0158	0229	0201	N07	W46	.722	13343	25.6	31	-B	C	0201	.93	1.30	62	EJ
	29	2021	2032	NO FLARE	PATROL												
GRP61832	30	0551	0614	0557	N03	W52	.788	13343	26.3	23	-B			1.21			2 2 2 6
MITK	30	0551	0614	0556	N03	W52	.788	13343	26.3	23	-B	C	0556	1.24	2.00		EH
ABST	30	0557E	0614	0558	N03	W52	.788	13343	26.3	17D	-N	P	0558	1.18	1.90	52	BF
	30	1407	1412	NO FLARE	PATROL												

In the importance column "---" signifies the subflare has been confirmed by the NOAA grouping program but is not included in the I.A.U. Quarterly Bulletin on Solar Activity. These subflares are also not included in the Flare Index below.

DAILY FLARE INDICES

Date	Flare Index	HR OBS	Date	Flare Index	HR OBS	Date	Flare Index	HR OBS
741101	32.83	23.7	741112	3.00	21.5	741122	0.00	24.0
741102	0.00	23.4	741113	0.00	22.5	741123	0.00	23.2
741103	4.89	23.7	741114	0.00	23.5	741124	0.00	23.1
741104	33.38	23.2	741115	0.72	23.5	741125	0.00	22.9
741105	43.22	23.1	741116	0.61	23.6	741126	0.00	22.8
741106	40.71	23.9	741117	0.00	23.0	741127	4.20	23.3
741107	0.00	23.4	741118	1.76	23.4	741128	0.00	23.2
741108	0.00	23.5	741119	1.69	23.9	741129	11.68	23.3
741110	11.88	24.0	741120	0.00	21.5	741130	7.73	23.8
741111	0.80	22.6	741121	0.00	23.9			

When no Flare Index is given, it is 0 for that day.

12
Nov 74

H_a SOLAR FLARES **Unconfirmed** **NOVEMBER 1974**

OBSERVATORY	OBSERVED UT				LOCATION				DURATION	IMPOR-TANCE	OBS.COND.	OBS. TYPE	MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CHP DAY	MIN.	MAX.	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %		
680 MITK	01	0441	0446		N11	E90	1.000	13324	7.9	5	1N	P	0446	1.13				4
682 HTPR	01	1243	1257	1248	S04	W15	.295	13310	28.4	14	-F	C	1248	.21	.20			D 5
GRP61684	01	1754	1806	1755	N12	E80	.983	13324	7.7	12	-N			.26				1 1 1 4
PALE	01	1754	1806	1755	N12	E80	.983	13324	7.7	12	-N	2 C		.26				DE
PALE	01	1754	1806	1755	N12	E80	.983	13324	7.7	12	-N	2 V		.25				DE
690 HTPR	02	1144	1205	1155	N14	E69	.931	13324	7.7	21	-F	C	1155	.10	.20			6
691 HTPR	02	1403	1405	1404	N08	E63	.889	13324	7.3	2	-F	C	1404	.10	.20			6
695 HUAN	02	1729	1737	1731	N11	E63	.889	13324	7.5	8	-F	1 C	1731	.46	1.02			4
GRP61701	03	0643	0647	0644	N05	E65	.905	13324	8.2	4	-N			.17				1 1 1 5
ATHN	03	0643	0647	0644	N05	E65	.905	13324	8.2	4	-N	4 V		.17				DE
ATHN	03	0643	0647	0644	N05	E65	.905	13324	8.2	4	-N	1 C	0644	.17				
702 ABST	03	0659E	0705	0701	N15	E58	.848	13324	7.6	60	-F	P	0701	.99	1.70			EJ 8
704 HTPR	03	0814	0818	0814	N14	E62	.882	13324	8.0	4	-F	C	0814	.10	.20			5
706 HTPR	03	0942	0945	0944	N14	E54	.810	13324	7.5	3	-F	C	0944	.10	.20			6
707 HTPR	03	0958	1013	1008	N14	E54	.810	13324	7.5	15	-F	C	1008	.10	.20			5
710 HUAN	03	1412	1424	1414U	N13	E54	.809	13324	7.6	12	-F	1 C	1414	.46	.79			E 9
GRP61727	04	2318	2323	2320	S07	W69	.938	13310	30.8	5	-F			.21				1 1 1 4
PALE	04	2318E	2323	2320	S07	W69	.938	13310	27.8	50	-F	3 C		.21				
PALE	04	2318E	2323	2320	S07	W69	.938	13310	27.8	50	-F	3 V		.20				
745 ABST	06	0558E	06290	0606	S10	W86	.998	13310	27.8	310	1N	P	0606	1.08				ADJK 6
746 TEHR	06	0704E	07120	0706U	S09	W87	.999	13310	27.8	80	-N	3 V		.31				DE 6
GRP61748	06	1217	1234	1223	S13	W90	1.000	13310	30.8	17	-B			.21				2 2 1 2
RAMY	06	1216	1253	1225	S12	W90	1.000	13310	27.8	37	-B	3 V						
HTPR	06	1217	1228	1221	S12	W90	1.000	13310	27.8	11	-B	C	1221	.21				A
RAMY	06	1218	12390	1222	S14	W90	1.000	13310	27.8	210	-B	3 C						
750 BOUL	06	2105	2133	2121	S10	W81	.990	13310	28.8	28	-F	C	2121	.11	.37			4
GRP61757	07	2240	2245	2242	N17	W06	.250	13324	7.5	5	-F			.20				1 1 1 3
PALE	07	2240	2245	2243	N17	W06	.250	13324	7.5	5	-F	2 C		.19				DE
PALE	07	2241E	2245	2242U	N17	W06	.250	13324	7.5	40	-F	2 V		.20				DE
762 BOUL	10	2059	2108	2104	N12	W44	.699	13324	7.6	9	-F	C	2104	.32	.45			6
GRP61766	15	0556	0614	0602	N12	E87	.998	13338	21.8	18	1F			.88				2 2 2 6
MANI	15	0556	0614	0601	N12	E86	.997	13338	21.7	18	1N	2	0601	.93	2.70			F
TEHR	15	0600E	06120	0603U	N11	E87	.998	13338	21.8	120	1F	4 V		.83				F
GRP61768	16	0600	0609	0603	N16	E75	.965	13338	21.9	9	-F			.34				1 1 1 6
ATHN	16	0600	0609	0603	N17	E75	.965	13338	21.9	9	-F	1 C	0603	.34	.70			DE
ATHN	16	0600	0609	0603	N15	E75	.965	13338	21.9	9	-F	2 V		.33				
769 MONT	16	1139	1146	1140	N37	W78	.981	13339	10.6	7	-F	C	1140	.41				EH 5
776 MANI	18	0736E	07400	0737	N17	E45	.725	13338	21.7	40	-F	1	0737	.21	.30			9
1 STATIONS REPORTING GROUP 61777. 5 STATIONS OBSERVING AND NOT REPORTING.																		
GRP61777	18	1227	1332	1230	N10	E90	1.000	13343	25.3	65	-N							1 1 0 6
ATHN	18	1227	1332	1230	N10	E90	1.000	13343	25.3	65	-N	1 C						
ATHN	18	1227	1332	1230	N10	E90	1.000	13343	25.3	65	-N	4 V						DE
777 ATHN	18	1226	1337	1236	N12	E90	1.000	13343	25.3	71	*-N	4 C						DE 6
779 MCMA	18	1841	1915	1844	N11	E90	1.000	13343	25.5	34	1F	C	1844					AR 5
784 MANI	19	0450E	0501	0454	N12	E90	1.000	13343	26.0	110	-N	2	0454	.41	1.34			5
GRP61790	21	0125	0131	0125	N04	E33	.545	13341	23.5	6	-F			.21				1 1 1 4
PALE	21	0125E	01310	0125U	N04	E33	.545	13341	23.5	60	-F	2 C		.21				DE
PALE	21	0125E	01310	0125U	N04	E33	.545	13341	23.5	60	-F	2 V		.20				DE
795 HTPR	21	1403	1405	1405	N09	E52	.790	13343	25.5	2	-F	C	1405	.21	.30			D 5
797 RAMY	21	1814E	18240	1816	N04	E23	.391	13341	23.5	100	-F	2 V		.33				3

H α SOLAR FLARES

Unconfirmed

NOVEMBER 1974

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE NOV	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMAH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %	
800 MANI	22	0137	01450	0140	N14	W05	.224	13338	21.7	80	-F	2	0140	.41	.42			5
802 MANI	23	0500E	0520	0504U	N01	E02	.038	13341	23.4	200	-N	2	0504	.21	.31			4
806 MANI	24	0212	0225	0215	N06	E22	.380	13343	25.7	13	-F	2	0215	.83	.89			3
808 ATHN	24	0623	0651	0637	N07	E18	.320	13343	25.6	28	-F	3	C		.66			F 5
GRP51810	24	1133	1153	1139	N02	W14	.242	13341	23.4	20	-N			.48				1 1 1 3
ATHN	24	1133	1153	1140	N03	W14	.243	13341	23.4	20	-N	2	C	.33				U
ATHN	24	1135	1147	1139	N02	W15	.259	13341	23.4	12	-N	2	V	.48				U
ATHN	24	1135	1147	1139	N02	W15	.259	13341	23.4	12	-F	1	C	1139	.52	.50		
816 MANI	25	0045	0110	0100	N13	W49	.764	13338	21.4	25	-N	2		0100	1.03	1.59		H 2
817 MANI	25	0200E	0210	0200U	N14	W51	.787	13338	21.3	100	-N	2		0200	.83	1.31		3
820 HTPR	26	1042	1056	1050	N06	E01	.080	13343	26.5	14	-F		C	1050	.10	.10		7
821 MONT	26	1214	1224	1218	N02	W41	.656	13341	23.4	10	-F		C	1218	.41			4
823 ABST	27	0614	06230	0618	N17	W80	.985	13338	21.3	90	-F		P	0618	.72			DJ 4
825 ABST	27	0850E	0902	0858	N14	W83	.992	13338	21.1	40	1F		P	0902	1.08			OJ 5
826 HTPR	27	0927	0929	0928	N05	W13	.233	13343	26.4	2	-F		C	0928	.10	.10		5
827 HTPR	27	1228	1320	1246	S13	W15	.354	13348	26.4	52	-F		C	1246	.31	.30		5
GRP51829	28	1744	1801	1748	N04	W38	.616	13343	25.9	17	-F			.45				1 1 1 4
PALE	28	1744	1801	1748	N04	W40	.643	13343	25.7	17	-F	3	C	.45				DE
PALE	28	1744E	1753	1744	N05	W36	.590	13343	26.0	90	-F	3	V	.20				DE
831 MONT	29	0916	0921	0917	N09	W51	.781	13343	25.6	5	-F		C	0917	.21			4

Note:

A line of explanation has been added before each flare event having more than one maxima. The total number of stations reporting some part of the event is given. The number of stations observing at the time of the principal maximum but not reporting the event is given in the second statement. Care should be exercised in utilizing the numbers in the remarks column. The first number is the number of stations reporting the individual maximum, and not the total number of stations reporting some part of the flare event. The last number is the number of stations reporting at the time of the individual maximum and not necessarily the total number of stations observing during the flare event. GRP numbers may appear several times in order to indicate secondary maxima. An asterisk beside an importance indicates a secondary maximum. The word "GRP" has also been omitted to aid in pointing to this condition.

When it is impossible to determine the time of Maximum Phase from the individual reports the time of Area Measurements is used. This time appears in parentheses. For Flares reported by only one station the last 3 digits of the group number appear to the left of the station code.

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.