

SOLAR FLARES

Confirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS			
	DATE	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H ₀		MAX. INT. %		
	1972 AUG																			
	01	0000	0001														NO FLARE PATROL			
	01	0059	0100														NO FLARE PATROL			
GRP45463	01	0141	0203	0146	N12	E49	.752	11976	4.7	22	--B						.54	2 2 2 3		
CRON	01	0137	0203		N11	E49	.751	11976	4.7	26	-B	3	V				.55			
MITK	01	0144	0201D	0146	N13	E48	.741	11976	4.7	17D	-B		C	0146			.52	.80	D	
GRP45465	01	0431	0452	0433	S20	E00	.435	11974	1.2	21	--N						.85	3 3 3 5		
CRON	01	0428	0448	0433	S20	E01	.435	11974	1.3	20	-N	3	V				.60			
ATHN	01	0433E	0455	0433U	S20	W01	.435	11974	1.1	22D	-N	2	V				.50			
KODA	01	0433	0446D	0433	S21	E01	.451	11974	1.3	13D	-B		P	0435			1.44	1.40	1.68	DE E
7 STATIONS REPORTING GROUP 45467. 3 STATIONS OBSERVING AND NOT REPORTING.																				
GRP45467	01	0700	0747	0704	N13	E47	.730	11976	4.8	47	-N						1.72		6 6 6 10	
BUCA	01	0645	0805		N15	E46	.720	11976	4.7	80	1N		P	0704			1.66	2.40		
CRON	01	0655	0733		N12	E47	.729	11976	4.8	38	-N	3	V				1.50			
CRON	01	0655	0733		N12	E47	.729	11976	4.8	38	-N	3	V				1.50			
ATHN	01	0658	0744D	0704	N13	E48	.741	11976	4.9	46D	-N	3	C				1.49		F	
MONT	01	0659	0804	0703	N13	E49	.752	11976	5.0	65	-N		C	0703			2.27			
CANR	01	0701	0730		N11	E45	.704	11976	4.7	29	-B	2	V	0702			1.10	1.30		
CATA	01	0705	0830D	0705	N13	E47	.730	11976	4.8	85D	1B		P	0705			2.32	3.34	(219) TZ	
45467	01	0608	0759	(0612)	N13	E51	.774	11976	5.1	111	*-B						.40		2 1 1 8	
CAPS	01	0608	0759D		N13	E51	.774	11976	5.1	111D	-B	2	P	0612			.40	.60	(265)	
CANR	01	0743E	0800D		N11	E45	.704	11976	4.7	17D	-B	2	V	0743			1.00	1.20		
GRP45468	01	0841	0903	0847	S19	W02	.420	11974	1.2	22	--N						.58		9 9 7 12	
MONT	01	0839	0855	0841	S20	W01	.435	11974	1.3	16	-N		C	0841			1.13			
CATA	01	0840E	0910	0850	S20	W03	.437	11974	1.1	30D	-B		P	0850			.46	.52	(232)	
ISTA	01	0840	0857		S20	W02	.436	11974	1.2	17	-N								E	
CAPS	01	0841E	0905D		S18	W01	.403	11974	1.3	24D	-B	3	S	0842			.50	.50	(243)	
ARCE	01	0842E	0852D		S19	E00	.419	11974	1.4	10D	-B		C	0842			.50	.50	H	
CRON	01	0843E	0856		S20	W01	.435	11974	1.3	13D	-F	3	V				.50			
CRON	01	0843	0856		S20	W01	.435	11974	1.3	13	-F	3	V				.50			
ONDR	01	0844E	0859		S21	E01	.451	11974	1.4	15D	-N		V	0847					2.70	CD
ZURI	01	0851E	0909	0851	S19	W03	.422	11974	1.1	18D	-N		P	0851			.59	.60		
CANR	01	0851E	0915D		S17	W07	.404	11974	31.8	24D	-N	3	V	0851			.40	.40		
14 STATIONS REPORTING GROUP 45469. 0 STATIONS OBSERVING AND NOT REPORTING.																				
GRP45469	01	0858	1012	0925	N12	E46	.717	11976	4.8	74	1N						2.65		12 10 8 13	
ISTA	01	0810	0950		N12	E46	.717	11976	4.8	100	-N								BEFL	
ARCE	01	0832E	0852D		N13	E46	.718	11976	4.8	20D	-N		C	0842			.17	.20		
TEHR	01	0841	1101	0915	N14	E48	.742	11976	5.0	140	1B	3	V				1.96		Z F	
ZURI	01	0855	0953D	0927	N13	E43	.682	11976	4.6	58D	2B		P	0927			4.84	6.90		
CAPS	01	0900E	0956D		N13	E50	.764	11976	5.1	56D	-B	3	S	0900			.30	.50	(216)	
KHAR	01	0900E	1110		N13	E47	.730	11976	4.9	130D	2F		P	0925			3.97	6.10	E	
KHAR	01	0900E	1011D		N11	E46	.716	11976	4.8	71D	1N		P	0925			1.13	1.70	D	
ATHN	01	0913	1027	0923	N10	E45	.704	11976	4.8	74	1N	1		0923			2.34	3.60		
MONT	01	0917	1023	0928	N13	E48	.741	11976	5.0	66	1B		C	0928			2.58			
CRON	01	0920E	0945D	0927	N12	E46	.717	11976	4.8	25D	-N	3	V				1.20			
CRON	01	0920E	0945D	0927	N12	E46	.717	11976	4.8	25D	-N	1	V				1.20			
CANR	01	0922	0945D		N11	E46	.716	11976	4.8	23D	-B	3	V	0926			1.80	1.80		
ONDR	01	0922E	0952		N14	E47	.731	11976	4.9	30D	2N		V	0925					2.90	CIJ
LOCA	01	0925E	1047D	0927	N12	E45	.705	11976	4.8	82D	1N		P	0927			2.53	3.60		
45469	01	0920	1215	0935	N13	E45	.706	11976	4.8	175	*1B						1.86		2 1 1 11	
CATA	01	0920	1215	0935	N13	E45	.706	11976	4.8	175	1B		C	0935			1.86	2.62	(302) TZ	
RAMY	01	1051E	1108D	1054U	N13	E47	.730	11976	5.0	17D	-N	1	C				1.58		DE	
GRP45470	01	1135	1207	1147	N13	E46	.718	11976	4.9	32	1N						1.34		5 5 5 10	
MCMA	01	1125E	1220D		N16	E45	.710	11976	4.9	55D	-B		C	1138			.72	1.00	BE	
RAMY	01	1133	1155	1134U	N13	E47	.730	11976	5.0	22	-N	2	C				1.30		DE	
KHAR	01	1138E	1228D		N13	E47	.730	11976	5.0	50D	2F		P	1143			3.40	5.20		
CANR	01	1143	1153	1147	N12	E44	.693	11976	4.8	10	-N	3	V	1147			.80	1.00		
CAPS	01	1150E	1200D		N12	E48	.740	11976	5.1	10D	-N	2	S	1151			.50	.80	(180)	
GRP45471	01	1148	1217	1153	S20	W04	.439	11974	1.2	29	-B						1.53		8 8 7 11	
CATA	01	1145	1230	1155	S20	W04	.439	11974	1.2	45	-B		C	1155			1.39	1.55	(309)	
ATHN	01	1148	1225	1151	S20	W02	.436	11974	1.3	37	-B	3	C				1.98		F	
MCMA	01	1148	1225	1150	S20	W04	.439	11974	1.2	37	-B		C	1150			.83	.90	EV	
CANR	01	1148	1207	1151	S20	W04	.439	11974	1.2	19	-N	2	C	1151			1.72	1.92		
KIEV	01	1149	1200	1150	S21	W04	.455	11974	1.2	11	-F		C	1150			1.03	1.10	55 DI	
CANR	01	1149	1205	1151	S20	W05	.442	11974	1.1	16	-N	3	V	1151			1.00	1.00		
CAPS	01	1150E	1223D		S18	W08	.423	11974	31.9	33D	-B	1	S	1155			1.50	1.60	(265)	
KHAR	01	1151E	1220		S19	W04	.424	11974	1.2	29D	1B		P	1155			2.27	2.50	D	
ONDR	01	1155E	1206	1158	S22	E00	.466	11974	1.5	11D	-B		V	1158					3.00	CD

Note: Catania and Capri-S express Maximum Intensities in percent of the local undisturbed chromosphere instead of percent of the local continuum. Parentheses are used to indicate this difference.

SOLAR FLARES

Confirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION				DURATION	IM-POR-TANCE	OBS.COND.	OBS. TYPE	MEASUREMENTS				REMARKS	
	DATE	START	END	MAX. PHASE	APPROX. LAT.	CENTRAL MER. DIST.	MCMATH PLAGE REGION	CMP DAY					MIN.	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.		MAX. WIDTH Ha
1972 AUG																		
45492	02	2248	0111	2248	N12	E25	.430 11976	4.8	143	*18			2.40			3 1 1 4		
BOUL	02	2248	0111	2248	N12	E25	.430 11976	4.8	143	18	1	V	2248	2.40	2.60			
VORO	02	2309E	2309D		N13	E28	.477 11976	5.1		2N		S	2309	5.46	6.07	83 E		
CRON	02	2315E	2355		N12	E25	.430 11976	4.8	400	-N	1	V		1.20				
493	HUAN	02	2058	2103D	2100	S18	W22	.534 11974	1.2	5D	--F	1	P	2100	.26	.26	D 2	
494	PALE	02	2059E	2106	2100U	S19	E21	.535 11979	4.4	7D	--N	3	V		.52		F 2	
495	PALE	02	2253	2302	2254	S19	E22	.544 11979	4.6	9	--N	3	V		.41		DE 2	
496	BOUL	02	2255	2256	2255	S19	W23	.554 11974	1.2	1	--F	1	V				2	
GRP45502	03	1405	1416	1409	N11	E17	.302 11976	4.9	11	--F				.44		5 4 3 8		
HUAN	03	1405	1413	1407	N11	E17	.302 11976	4.9	8	-F	1	C	1407	.36	.38			
BUCA	03	1405	1420		N11	E18	.317 11976	4.9	15	-F		C	1409	.55	.60			
CANR	03	1406	1416	1408	N11	E17	.302 11976	4.9	10	-N	3	V	1408	.40	.40			
RAMY	03	1408E	1412D		N10	E15	.266 11976	4.7	4D	-F	2	V				DE		
HTPR	03	1410	1415	1412	N11	E28	.472 11976	5.7	5	-F		C	1412	.31	.30			
GRP45503	03	1503	1527	1505	S12	W57	.861 11970	30.4	24	-N				1.68		6 6 5 6		
CANR	03	1501	1524	1502	S09	W59	.872 11970	30.2	23	-N	2	C	1502	.86	1.74			
RAMY	03	1502E	1525D	1504U	S14	W57	.866 11970	30.4	23D	1N	2	V		2.75		DE		
HUAN	03	1502	1537U		S13	W57	.863 11970	30.4	35D	-N	1	C						
ATHN	03	1503E	1544	1503	S12	W56	.853 11970	30.4	41D	-N	1		1503	1.52	2.04			
BUCA	03	1505	1509		S12	W56	.853 11970	30.4	4	1B		P	1505	2.76	4.70	C		
HTPR	03	1507	1520	1508	S13	W56	.855 11970	30.4	13	-N		C	1508	.52	1.00			
504	HUAN	03	1747	1755	1748	S09	E68	.936 11980	8.8	8	--F	1	C				3	
		03	2003	2020		NO FLARE PATROL												
505	HUAN	03	2037	2043	2038	N10	E13	.234 11976	4.8	6	--F	1	C	2038	.31	.32		1
		03	2051	2100		NO FLARE PATROL												
506	HUAN	03	2144E	2215D		N13	E12	.238 11976	4.8	31D	-B	1	P	2215	1.29	1.35		B 2
		03	2215	2217		NO FLARE PATROL												
GRP45508	04	0527	0613	0534	N15	E09	.219 11976	4.9	46	-F				2.19		3 2 2 6		
HTPR	04	0527	0610	0533	N15	E09	.219 11976	4.9	43	-F		C	0533	.93	.90			
ATHN	04	0534E	0615D	0534	N15	E09	.219 11976	4.9	41D	-N	1		0534	3.45	3.35			
TACH	04	0545E	0603D		N11	E12	.223 11976	5.1	18D	-N		V	0545	1.83	1.89	48 D		
16 STATIONS REPORTING GROUP 45509. 0 STATIONS OBSERVING AND NOT REPORTING.																		
GRP45509	04	0617	0855	0640	N14	E08	.195 11976	4.9	158	3B				15.36		10 8 8 10		
CATA	04	0525	0905	0638	N15	E08	.207 11976	4.8	220	3B		C	0638	15.08	15.41	(536) Z		
CAPS	04	0605E	1158D		N12	E08	.172 11976	4.9	353D	3B	2	P	0639	15.00	15.00	(530)		
HTPR	04	0619	1100	0627	N15	E08	.207 11976	4.9	281	2B		C	0627	8.46	8.50	LUVZ		
ATHN	04	0621	0852	0638	N15	E09	.219 11976	4.9	151	2B	3		0638	11.52	11.32			
CRON	04	0621	0750	0635	N14	E09	.207 11976	4.9	89	3B	1	C	0635	16.13	16.20			
ABST	04	0631E	1137	0631	N14	E08	.195 11976	4.9	306D	3B		P	0631	15.30	15.60	PHILZ		
MONT	04	0635	0848D	0635	N14	E09	.207 11976	4.9	133D	3B		C	0635	15.47		U		
CAPP	04	0645E	0730D	0645	N14	E08	.195 11976	4.9	45D	4B		P	0645	25.89	26.40			
CULG	04	0646E	0703		N14	E10	.220 11976	5.0	17D	3B		P	0654	15.47	15.00			
CANR	04	0708E	0923	0708U	N14	E09	.207 11976	5.0	135D	2B	2	C	0708	9.14	9.14			
45509	04	0740	1000	(0751)	N13	E08	.183 11976	4.9	140	*28				16.34		2 2 1 11		
ISTA	04	0740	1000		N13	E08	.183 11976	4.9	140	18						F		
ARCE	04	0751E	1000D		N13	E08	.183 11976	4.9	129D	3B		C	0751	16.34	19.30	HITB		
45509	04	0858	1045	1008	N15	E06	.187 11976	4.8	107	*18				3.57		3 2 1 11		
KHAR	04	0858E	1045D		N15	E07	.197 11976	4.9	107D	18		V				DH		
KODA	04	0920E	0926D		N14	E03	.149 11976	4.6	6D	2B		S	0920			BI		
ZURI	04	1008E	1028D	1008	N14	E05	.163 11976	4.8	20D	1N		P	1008	3.57	3.60	2.72		
45509	04	0815	1130	0829	N12	E06	.147 11976	4.8	195	*2N				7.35		3 1 1 13		
LOCA	04	0815E	1130D	0820	N12	E06	.147 11976	4.8	195D	2N		C	0820	7.35	7.40			
CANR	04	0830	0900	0838	N16	E07	.210 11976	4.9	30	-N	2	V		1.80	1.70			
KHAR	04	1053E	1205D		N14	E06	.173 11976	4.9	72D	1N		P	1117	2.06	2.30	E		

8
Aug 72

SOLAR FLARES

Confirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IMPOR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH FLARE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %	
GRP45546	06	0240	0258	0243	S18	W72	.966	11974	31.7	18	1N							3 3 3 5
MITK	06	0236	0251	0241	S18	W74	.974	11974	31.6	15	1F		0241	.93				E
PALE	06	0238E	0239D	0238U	S17	W73	.969	11974	31.6	1D	-N	2	C	.27				
KODA	06	0247	0305	0249	S19	W69	.953	11974	31.9	18	1N		0247	2.41	2.30	1.80		D
GRP45547	06	0422	0429	0423	N12	W19	.336	11976	4.8	7	--N			.37				3 3 3 6
MANI	06	0402E	0425	0420	N13	W21	.372	11976	4.6	23D	-N	1		.41	.64			DE
ATHN	06	0418	0427	0421	N10	W20	.345	11976	4.7	9	-N	1	C	.50				DE
TEHR	06	0425	0435D	0428	N14	W16	.302	11976	5.0	10D	-F	3	V	.19				
GRP45550	06	0631	0644	0636	N12	W17	.305	11976	5.0	13	--F			.43				3 3 3 7
ATHN	06	0630	0640	0632	N11	W17	.301	11976	5.0	10	-F	2	C	.33				DE
HTPR	06	0631	0645	0635	N11	W18	.317	11976	4.9	14	-F	1	C	.41	.40			D
TEHR	06	0635E	0647	0640	N14	W17	.317	11976	5.0	12D	-N	3	V	.56				DE
GRP45553	06	0824	0841	0829	N11	W18	.317	11976	5.0	17	--N			.51				4 4 3 12
HTPR	06	0820	0835	0828	N10	W18	.313	11976	5.0	15	-N		C	.72	.70			D
CATA	06	0825	0845D	0830	N12	W18	.321	11976	5.0	20D	-N		P	.40	.43		(195)	
ISTA	06	0826	0835		N12	W18	.321	11976	5.0	9	-F			.42	.40			D
ARCE	06	0827E	0848D		N11	W19	.332	11976	4.9	21D	-B		C	.42	.40			
GRP45554	06	0902	0930	0911	S09	W33	.591	11979	3.9	28	--N			.33				6 6 6 8
CANR	06	0858	0940	0910	S09	W33	.591	11979	3.9	42	-N	2	V	.30	3.60			
ATHN	06	0901	0923	0910	S08	W35	.611	11979	3.8	22	-F	3	V	.33				DE
CATA	06	0905	0925	0910	S08	W34	.598	11979	3.8	20	-N		C	.46	.58		(190)	
HTPR	06	0905	0925	0914	S09	W33	.591	11979	3.9	20	-N		C	.31	.40			D
ARCE	06	0907E	0940D		S09	W30	.552	11979	4.1	33D	-N		C	.30	.30			
CAPS	06	0911E	0924D		S09	W31	.565	11979	4.1	13D	-F	3	S	.30	.30		(147)	
GRP45555	06	0921	0930	0925	N16	W25	.445	11976	4.5	9	--N			.55				5 5 4 10
CAPS	06	0920	0929D		N16	W23	.416	11976	4.7	9D	-F	3	V	.70	.70		(158)	
ARCE	06	0920E	0930D		N16	W26	.459	11976	4.4	10D	-N		C	.59	.70			
HTPR	06	0922	0929	0924	N15	W25	.440	11976	4.5	7	-N		C	.41	.40			
ISTA	06	0922	0927		N14	W23	.406	11976	4.7	5	-N			.50				DE
ATHN	06	0925E	0934	0925U	N18	W29	.510	11976	4.2	9D	-N	3	V	.50				
GRP45559	06	1134	1148	1138	S08	W34	.598	11979	3.9	14	--N			.45				6 6 5 7
HTPR	06	1133	1142	1135	S08	W37	.636	11979	3.7	9	-N		C	.41	.50			
ONDR	06	1133E	1144		S08	W36	.624	11979	3.8	11D	-B		V	.41	.50		2.50	CDH
CANR	06	1135	1200	1142	S09	W34	.603	11979	3.9	25	-N	2	V	.60	.84			
CATA	06	1135	1145	1135	S07	W36	.619	11979	3.8	10	-B		C	.40	.51		(240)	
CAPS	06	1138E	1152D		S09	W28	.526	11979	4.4	14D	-B	2	V	.50	.60		(265)	
ATHN	06	1141E	1145	1141U	S06	W33	.575	11979	4.0	4D	-F	2	V	.33				DE
GRP45563	06	1547	1604	1551	N20	W21	.417	11976	5.1	17	--N			.63				4 4 4 10
HUAN	06	1546	1558	1550	N20	W23	.443	11976	4.9	12	-F	1	C	.21	.23			D
CAPS	06	1546E	1607D		N19	W17	.358	11976	5.4	21D	-B	3	V	.30	.30		(216)	
HTPR	06	1548E	1600		N20	W23	.443	11976	4.9	12D	-N		C	.41	.40			
BOUL	06	1549	1610	1552	N21	W20	.414	11976	5.2	21	-F	3	V	1.60	1.70			
GRP45564	06	1614	1626	1617	N17	W19	.367	11976	5.3	12	--F			.33				6 6 5 8
RAMY	06	1612	1627	1613	N18	W19	.375	11976	5.2	15	-F	3	C	.31				DE
BOUL	06	1613	1635	1614	N19	W16	.346	11976	5.5	22	-F	3	V	.30	.30			
RAMY	06	1613E	1627	1613U	N18	W19	.375	11976	5.3	14D	-N	3	V	.31				DE
ONDR	06	1614E	1622	1617	N15	W23	.411	11976	5.0	8D	-F		V	.31			1.90	CE
HUAN	06	1614E	1625D		N18	W19	.375	11976	5.3	11D	-F	1	C	.21	.22			D
CANR	06	1614E	1620	1615	N17	W19	.367	11976	5.3	6D	-N	3	V	.50	.50			
HTPR	06	1615	1627	1621	N18	W15	.323	11976	5.6	12	-F		C	.31	.30			
HTPR	06	1630	1634	1630	N12	W20	.352	11976	5.2	4	-N		C	.31	.30			
GRP45565	06	1649	1704	1654	N13	W24	.417	11976	4.9	15	--N			.70				4 4 4 5
HUAN	06	1648	1653D		N12	W23	.398	11976	5.0	5D	-F	1	P	.36	.39			E
HTPR	06	1648	1700	1657	N11	W25	.426	11976	4.8	12	-N		C	1.24	1.20			
HTPR	06	1648	1710	1657	N13	W26	.447	11976	4.7	22	-F		C	.31	.30			
BOUL	06	1650	1712	1650	N14	W25	.436	11976	4.8	22	-N	3	V	.30	.30			
PALE	06	1655E	1701	1656	N14	W25	.406	11976	5.0	6D	-N	3	C	.91				F
GRP45566	06	1752	1816	1759	S01	W43	.689	11979	3.5	24	-N			.90				4 4 4 4
BOUL	06	1745	1810	1800	N02	W43	.683	11979	3.5	25	-N	2	C	.97	1.32			
PALE	06	1753	1816	1757	S03	W42	.681	11979	3.6	23	-N	3	C	.55				F
HTPR	06	1754	1809D		S04	W43	.696	11979	3.5	15D	-B		C	1.34	1.70			D
CANR	06	1755	1822	1759	N01	W45	.709	11979	3.4	27	-N	2	C	.75	1.07			
GRP45567	06	2143	2202	2148	N15	W31	.525	11976	4.6	19	--F			.31				2 2 2 3
BOUL	06	2143	2205	2145	N15	W34	.567	11976	4.4	22	-F	3	V	.30	.30			
PALE	06	2148E	2158	2150U	N15	W28	.483	11976	4.8	10D	-N	3	V	.31				F
	07	0225	0240	NO FLARE PATROL														

SOLAR FLARES
Confirmed
AUGUST 1972

OBSERVATORY	OBSERVED UT			MAX. PHASE	LOCATION				DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS		
	DATE	START	END		APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION				CMP DAY	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.		MAX. WIDTH Ha	MAX. INT. %
	1972 AUG																	
	07	0245	0253		NO FLARE PATROL													
GRP45569	07	0252	0320	0255	N15	W30	.511	11976	4.9	28	-B						2 2 2 3	
MANI	07	0252E	0320	0254	N14	W33	.550	11976	4.6	28D	-B 1	0254	1.24	1.50				
TEHR	07	0253E	0320	0255	N15	W27	.468	11976	5.1	27D	-N 3 V		.94				F	
6 STATIONS REPORTING GROUP 45570.					0 STATIONS OBSERVING AND NOT REPORTING.													
GRP45570	07	0349	0444	0359	N14	W30	.508	11976	4.9	55	1B							
TACH	07	0316E	0445	0359	N14	W30	.508	11976	4.9	89D	2F V	0359	8.66	10.06		73	EKZ	
MANI	07	0348E	0450	0355	N14	W33	.550	11976	4.7	62D	1B 1	0355	3.92	4.60				
TEHR	07	0350E	0442	0357	N15	W27	.468	11976	5.1	52D	1B 4 V		2.83				F	
KODA	07	0400	0439	0403	N14	W31	.522	11976	4.8	39	2B	C	0406	7.60	7.60	2.20		I
45570	07	0406	0503	0419	N17	W30	.519	11976	4.9	57	*1B							
CULG	07	0406E	0515		N16	W30	.515	11976	4.9	69D	1B P	0414	5.53	4.60			2 2 2 5	
ATHN	07	0419E	0451	0419U	N18	W30	.523	11976	4.9	32D	2N 1 V		6.93				Z U	
GRP45575	07	1022	1040	1027	S03	W52	.796	11979	3.5	18	-N							
MONT	07	1020	1043	1026	S03	W53	.806	11979	3.5	23	-N	C	1026	1.13				9 9 8 11
ATHN	07	1021	1035	1025	S02	W53	.804	11979	3.5	14	-N	3 V		.50				DE
ZURI	07	1022	1034	1024	S03	W52	.796	11979	3.5	12	-N	C	1024	1.20	2.00			
HTPR	07	1022	1040	1025	S05	W52	.800	11979	3.5	18	-N	C	1025	1.03	1.60			D
ABST	07	1023	1034	1026	S04	W54	.818	11979	3.4	11	1F	C	1026	2.88	5.10		80	E
CATA	07	1025	1040D	1030	S02	W53	.804	11979	3.5	15D	-N P	1030	.40	.69		(178)		
TEHR	07	1026E	1034D	1027U	S04	W51	.787	11979	3.6	8D	-N 4 V		.84				F	
CAPS	07	1027E	1056D		S04	W50	.777	11979	3.7	29D	-N 2 V	1028	.60	1.00		(171)		
UPIC	07	1028E	1204	1031	S02	W54	.814	11979	3.4	96D	1F C							
GRP45577	07	1055	1144	1103	N15	W34	.567	11976	4.9	49	1N							
HTPR	07	1050	1145	1107	N17	W35	.586	11976	4.8	55	-N	C	1107	2.77	1.70			9 9 9 10
MONT	07	1051	1144	1106	N15	W34	.567	11976	4.9	53	1B	C	1106	3.40				D
RAMY	07	1054	1146	1100	N16	W34	.570	11976	4.9	52	1N	3 C		2.04				H
CATA	07	1055E	1155	1105	N15	W34	.567	11976	4.9	60D	1B P	1105	3.94	4.81		(214)		F
CANR	07	1055	1137	1100	N23	W38	.646	11976	4.6	42	1N	2 C	1100	2.58	3.37			
HTPR	07	1055	1140	1107	N10	W39	.626	11976	4.5	45	-N	C	1109	.93	1.10			
ZURI	07	1056	1140	1101	N14	W34	.564	11976	4.9	44	1B	C	1101	3.36	4.00			
ATHN	07	1056E	1137	1101	N15	W33	.553	11976	5.0	41D	1N 3 V		2.64				U F	
CAPS	07	1058E	1147D		N13	W32	.534	11976	5.1	49D	-B 2 V	1059	1.60	1.90		(234)		
TEHR	07	1102E	1149D	1104U	N15	W32	.539	11976	5.1	47D	1N 2 V		3.01				F	
GRP45578	07	1200	1232	1204	N13	W34	.562	11976	5.0	32	1B							
ABST	07	1156	1249D	1157	N12	W35	.574	11976	4.9	53D	1N P	1157	2.97	3.60		89	11 11 9 12	
RAMY	07	1200	1230	1204	N13	W36	.589	11976	4.8	30	-B	4 C		1.67				EJVZ
ARCE	07	1200E	1400D		N11	W34	.558	11976	4.9	120D	1B C	1203	2.96	3.50				
ATHN	07	1200E	1223	1202	N15	W30	.511	11976	5.3	23D	-N 3 V		1.32				F	
CATA	07	1200	1240	1205	N14	W33	.550	11976	5.0	40	1B	C	1205	2.61	3.15		(251)	BI
CANR	07	1200	1225	1204	N16	W42	.673	11976	4.3	25	1N	2 C	1204	2.58	3.49			F
HTPR	07	1201	1245	1205	N11	W32	.530	11976	5.1	44	-B	C	1205	1.24	1.40			CE
HTPR	07	1201	1217	1205	N14	W35	.578	11976	4.9	16	-B	C	1205	.52	.60			C
ZURI	07	1202	1223D	1203	N13	W33	.548	11976	5.0	21D	1B P	1203	2.52	3.00				
ONDR	07	1204E	1217	1207	N12	W36	.588	11976	4.8	13D	1N V	1207			2.60		CDEFIJ	
UPIC	07	1204E	1232		N12	W33	.546	11976	5.0	28D	-B C							
CAPS	07	1209E	1236D		N13	W32	.534	11976	5.1	27D	1B 2 P	1210	2.40	2.90		(201)		
GRP45579	07	1328	1430	1345	N17	W35	.586	11976	4.9	62	-F							
RAMY	07	1304	1320	1310	N17	W35	.586	11976	4.9	16	-F	4 C		1.39				4 3 2 11
ARCE	07	1305E	1355D		N18	W38	.628	11976	4.7	50D	-N C	1323	1.38	1.80			DE	
UPIC	07	1319E	1427		N18	W35	.589	11976	4.9	68D	1N C							
RAMY	07	1336	1430D	1345U	N15	W36	.594	11976	4.9	54D	-F 3 V		1.55				DE	
HUAN	07	1407E	1433		N16	W36	.596	11976	4.9	26D	-F 1 P	1408	.83	1.02			E	
16 STATIONS REPORTING GROUP 45580.					0 STATIONS OBSERVING AND NOT REPORTING.													
GRP45580	07	1449	1721	1534	N14	W37	.605	11976	4.8	152	3B							
CAPS	07	1304	1744D	1525	N13	W32	.534	11976	5.1	280D	3B 2 P	1525	12.00	14.40		(700)	15 13 11 15	
HTPR	07	1442	1818D		N15	W35	.580	11976	5.0	216D	3B C	1525	11.34	13.00			EITU	
ONDR	07	1449E	1640		N13	W39	.629	11976	4.7	111D	3B V	1518			17.40		CEFIJ	
ATHN	07	1457E	1653D	1520	N15	W38	.620	11976	4.8	116D	2B 2 V		11.55				Z U	
UPIC	07	1500E	1706D	1529	N14	W37	.605	11976	4.8	126D	4B C							
HUAN	07	1500	1725U	1525U	N13	W37	.603	11976	4.8	145D	3B 1 C	1525	16.09	20.20			Z	
CANR	07	1505	1620D	1527	N15	W40	.646	11976	4.6	75D	3N 2 C	1527	18.13	24.61				
BOUL	07	1505	1905U	1530	N16	W35	.583	11976	5.0	240D	3B 2 C	1530	21.39	23.80				
HERS	07	1507E	1610D	1534U	N15	W39	.633	11976	4.7	63D	3B P	1539	11.28	13.50	2.50	94	CIVL	
LOCA	07	1508	1710D	1526	N12	W36	.588	11976	4.9	122D	4B C	1526	21.01	26.60				
RAMY	07	1510E	1604D	1528	N14	W40	.644	11976	4.6	54D	2B 4 V		7.73				U F	
RAMY	07	1510E	1604D	1520	N14	W40	.644	11976	4.6	54D	2B 4 V		5.57				U F	
ARCE	07	1529E	1630D		N12	W36	.588	11976	4.9	61D	3B C	1529	22.53	27.50			BHI	
CAPP	07	1530E	1610D	1530	N12	W32	.531	11976	5.2	40D	4B P	1530	35.58	41.40				
ZURI	07	1536E	1720D	1539	N13	W33	.548	11976	5.2	104D	3B P	1539	12.82	15.60				
PALE	07	1630E	1930	1639U	N14	W35	.578	11976	5.1	180D	2B 3 C		9.21				Z U	

SOLAR FLARES
Confirmed
AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION				DURATION	IM-PORTANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS		
	DATE	START	END	MAX. PHASE	APPROX. LAT.	CENTRAL MER. DIST.	MCMATH FLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hg		MAX. INT. %	
	1972 AUG																	
45580	07	1445	1653	1500	N14	W37	.605 11976	4.8	128	*1B						2 2 2 11		
CATA	07	1445	1505D	1455	N13	W35	.576 11976	5.0	20D	1B		1455	2.66	2.48	(224)	Z U		
ATHN	07	1457E	1653D	1505	N15	W38	.620 11976	4.8	116D	1B	2	V	3.30					
GRP45582	07	1922	2047	1925	N12	W41	.654 11976	4.7	85	--N			.46			2 2 2 3		
PALE	07	1922	2047	1925	N11	W40	.640 11976	4.8	85	--B	3	C	.55					
HUAN	07	1925U	1940		N12	W41	.654 11976	4.7	15D	--F	1	C	.36	.48		DT		
584 MITK	08	0123	0133	0126	S12	W58	.870 11979	3.7	10	--F		C	0126	1.03	2.00		D	3
	08	0136	0145	NO FLARE PATROL														
GRP45585	08	0355	0405	0358	N12	W44	.692 11976	4.9	10	--F			1.14			2 2 2 6		
MITK	08	0355	0404	0358	N12	W43	.679 11976	4.9	9	--F		C	0358	1.44	2.00		E	
MANI	08	0357E	0405	0358	N12	W45	.704 11976	4.8	8D	--N	2		.83	1.16				
GRP45586	08	0435	0445	0438	S11	W58	.868 11979	3.8	10	--F			1.15			2 2 2 6		
TACH	08	0434E	0447D	0438	S09	W57	.856 11979	3.9	13D	1N		V	0435	1.37	2.85	84	E	
MITK	08	0436	0443	0438	S12	W59	.878 11979	3.8	7	--F		C	0438	.93	1.90		D	
GRP45589	08	0554	0612	0601	S10	W59	.874 11979	3.8	18	--N			.44			5 5 5 10		
ATHN	08	0553	0702D	0559	S11	W59	.876 11979	3.8	69D	--N	2	C	.33			DE		
HTPR	08	0554	0609	0602	S10	W59	.874 11979	3.8	15	--F		C	0602	.31	.50			
ABST	08	0556	0628	0559	S10	W60	.882 11979	3.7	32	--F		V	0559	.90	1.80	85	FJ	
TEHR	08	0600E	0607	0603	S09	W59	.872 11979	3.8	7D	--N	4	V	.19			DE		
CATA	08	0600E	0605	0600	S08	W60	.879 11979	3.8	5D	--B		P	0600	.46	.93	(234)		
GRP45592	08	0738	0750	0743	S09	W62	.896 11979	3.7	12	--N			.45			7 7 5 12		
UPIQ	08	0733	0750	0734U	S09	W63	.903 11979	3.6	17	--F		C						
ISTA	08	0735	0750		S09	W62	.896 11979	3.7	15	--F								
ABST	08	0738E	0749D	0742	S09	W63	.903 11979	3.6	11D	1F		P	0742	.90	2.10	68	DJ	
MONT	08	0739	0745	0743	S10	W60	.882 11979	3.8	6	--N		C	0743	.52				
CATA	08	0740	0750	0745	S08	W61	.887 11979	3.7	10	--B		C	0745	.23	.51	(234)		
HTPR	08	0740	0750	0743	S10	W60	.882 11979	3.8	10	--F		C	0743	.31	.50			
CAPS	08	0746E	0758D		S08	W63	.902 11979	3.6	12D	--N	4	V	0747	.30		(182)		
GRP45599	08	1532	1542	1534	N11	W55	.814 11976	4.5	10	--F			.24			2 2 2 6		
HTPR	08	1530	1546	1533	N11	W54	.804 11976	4.6	16	--F		C	1533	.21	.30			
HUAN	08	1533	1538	1534	N11	W55	.814 11976	4.5	5	--F	1	C	1534	.26	.43		D	
GRP45600	08	1737	1749	1743	N11	W62	.878 11976	4.1	12	--N			.36			2 2 1 4		
PALE	08	1737	1751	1743	N11	W67	.916 11976	3.7	14	--N	2	C	.36			F		
HUAN	08	1737	1747		N11	W57	.834 11976	4.5	10	--N	1	C						
601 PALE	08	1952	2003	1956	S10	W69	.943 11979	3.7	11	--N	2	C	.36			F	1	
	08	2044	2117	NO FLARE PATROL														
602 PALE	08	2128	2149	2134	S10	W70	.949 11979	3.6	21	--B	2	C	.72			DE	1	
	08	2355	0002	NO FLARE PATROL														
8 STATIONS REPORTING GROUP 45604.					4 STATIONS OBSERVING AND NOT REPORTING.													
GRP45604	09	0808	0828	0810	S05	W78	.981 11979	3.5	20	--N			.54			4 4 4 12		
MONT	09	0806	0825	0811	S05	W80	.987 11979	3.3	19	--N		C	0811	.21				
BUCA	09	0807	0830		S06	W78	.981 11979	3.5	23	1F		C	0810	1.10		E		
TEHR	09	0809E	0825	0810U	S04	W76	.973 11979	3.6	16D	--N	3	V	.56			F		
CATA	09	0810	0830	0810	S02	W78	.979 11979	3.5	20	--N		C	0810	.29		(174)		
TEHR	09	0819	0824	0820	S09	W75	.972 11979	3.7	5	--N	3	V	.19			DE		
45604	09	0820	0826	0822	S09	W77	.979 11979	3.6	6	*--N			.36			4 4 4 13		
MONT	09	0819	0824	0823	S10	W80	.989 11979	3.3	5	--N		C	0823	.52				
CATA	09	0820	0830	0820	S08	W76	.975 11979	3.6	10	--B		C	0820	.29		(214)		
HTPR	09	0820	0825	0823	S10	W76	.976 11979	3.6	5	--N		C	0823	.31				
CRON	09	0820	0826		S09	W74	.967 11979	3.8	6	--F	3	V	.30					
CRON	09	0820	0826		S09	W74	.967 11979	3.8	6	--F	3	V	.30					
45604	09	0807	0830	0817	S04	W79	.983 11979	3.4	23	*--F			.30			4 4 3 13		
HTPR	09	0806	0825	0817	S04	W80	.986 11979	3.3	19	--F		C	0817	.21				
ISTA	09	0807	0825		S03	W78	.980 11979	3.5	18	--F								
ARCE	09	0810E	0847D		S06	W80	.987 11979	3.3	37D	--N		C	0820	.30	.90		E	
CRON	09	0813E	0822		S04	W78	.980 11979	3.5	9D	--F	3	V	.40			H		
CRON	09	0813E	0822		S04	W78	.980 11979	3.5	9D	--F	3	V	.30					

SOLAR FLARES

Confirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND.	OBS. TYPE	MEASUREMENTS				REMARKS
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMTPLAGE REGION	CMP DAY					TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Rg	
1972 AUG																		
GRP45607	09	0936	0952	0939	N15	W62	.878	11976	4.8	16	--F						5 5 4 12	
ARCE	09	0831E	0930D		N16	W62	.878	11976	4.7	59D	-N	C	0842	.34	1.80			
ARCE	09	0837E	0940D		N19	W62	.879	11976	4.7	63D	-F	C	0847	.39	.80			
ISTA	09	0930	0950		N18	W59	.854	11976	5.0	20	-F						D	
MONT	09	0937	0951	0939	N17	W63	.886	11976	4.7	14	-N	C	0939	.21				
HTPR	09	0938	0950	0939	N17	W65	.901	11976	4.5	12	-N	C	0939	.31	.50			
BUCA	09	0940	0955		N08	W63	.887	11976	4.7	15	-F	P	0942	.44	.90			
GRP45608	09	1023	1034	1026	N17	W64	.894	11976	4.6	11	--N			.32			4 4 4 9	
HTPR	09	1021	1033	1025	N17	W65	.901	11976	4.6	12	-N	C	1025	.31	.50			
MONT	09	1022	1036	1026	N17	W63	.886	11976	4.7	14	-N	C	1026	.52			H	
CATA	09	1025	1035	1025	N17	W65	.901	11976	4.6	10	-B	C	1025	.17	.41	(219)		
TEHR	09	1026E	1031	1027U	N15	W62	.878	11976	4.8	5D	-N	3 V		.28			F	
GRP45611	09	1550	1559	1554	N18	W69	.928	11976	4.5	9	--F			.25			3 3 3 11	
HTPR	09	1549	1558	1555	N17	W70	.934	11976	4.4	9	-F	C	1555	.21				
HUAN	09	1551	1558		N17	W70	.934	11976	4.4	7	-F	1 P	1552	.21			D	
ATHN	09	1552E	1602	1552U	N19	W68	.922	11976	4.6	10D	-F	3 V		.33			DE	
GRP45612	09	1612	1702	1614	S08	W80	.988	11979	3.7	50	-F			.36			4 2 1 9	
ATHN	09	1559E	1630D	1600	S10	W81	.991	11979	3.6	31D	-N	3 V		.17			DE	
HUAN	09	1611U	1657U		S08	W80	.988	11979	3.7	46D	-F	1 C					T	
BOUL	09	1612	1702	1614	S08	W79	.985	11979	3.8	50	-N	3 V						
PALE	09	1640E	1700	1640U	S09	W80	.988	11979	3.7	20D	-N	2 C		.36				
618 PALE	09	2243E	2251D	2245	S10	W85	.998	11979	3.6	8D	-N	3 V		.62			F 1	
	09	2306	2350	NO FLARE PATROL														
619 MITK	10	0111	0121	0116	S11	W90	1.000	11979	3.3	10	1N	C	0116	1.44			3	
GRP45621	10	0730	1111	0823	N16	W48	.743	11987	6.7	221	-N			1.86			6 2 1 17	
HTPR	10	0730	0800	0741	N16	W46	.720	11987	6.9	30	-F	C	0741	.83	1.10		ETU	
ARCE	10	0800E	0951D		N16	W47	.731	11987	6.8	111D	-N	C	0800	.50	.70		K	
MONT	10	0810	1109	0855	N14	W49	.752	11987	6.7	179	-B	C	0855	1.86			H	
ABST	10	0826	0854	0832	N17	W48	.744	11987	6.8	28	1F	C	0832	1.44	2.20	72	EZ	
UPIC	10	0856E	0909D		N17	W47	.733	11987	6.8	13D	-F	C						
ONDR	10	1036E	1111		N14	W48	.740	11987	6.8	35D	1B	V	1038			3.20	CE	
GRP45625	10	1248	1304	1252	S07	W90	1.000	11979	3.8	16	-N			.28			4 3 2 16	
ARCE	10	1208E	1335D		S10	W90	1.000	11979	3.8	87D	-B	C	1220	.75				
CATA	10	1245	1300	1255	S04	W90	1.000	11979	3.8	15	-N	C	1255	.29		(151)	T	
ATHN	10	1250E	1308	1250U	S08	W90	1.000	11979	3.8	18D	-N	3 V					DE	
HUAN	10	1250	1303	1252	S08	W90	1.000	11979	3.8	13	-F	1 C	1252	.26			D	
632 PALE	10	2049	2105	2050U	N09	W84	.993	11976	4.6	16	-N	2 C		.45			F 2	
	10	2243	2305	NO FLARE PATROL														
633 PALE	10	2306	2314D	2308U	N11	W88	.998	11976	4.4	8D	-N	2 C		.27			1	
	10	2314	2333	NO FLARE PATROL														
634 MITK	11	0104	0127	0110	N10	W90	1.000	11976	4.3	23	1N	C	0110	1.96			4	
635 MITK	11	0202	0215	0204	N15	W56	.825	11987	6.9	13	-N	C	0204	.93	1.70		D 4	
GRP45637	11	0546	0558	0550	N12	W89	.999	11976	4.6	12	-B			.73			4 4 3 9	
ATHN	11	0543	0557	0549	N12	W90	1.000	11976	4.5	14	-N	2 C					DE	
ABST	11	0544	0555	0549	N11	W90	1.000	11976	4.5	11	1B	P	0549	1.08			ADZ	
TACH	11	0545	0559D	0550	N10	W85	.995	11976	4.9	14D	-B	C	0550	.52			66 DTY	
CATA	11	0550	0600	0550	N14	W90	1.000	11976	4.5	10	1B	C	0550	.58		(278)	A	
GRP45639	11	0758	0805	0800	N12	W90	1.000	11976	4.6	7	-N			.38			3 3 3 12	
MONT	11	0754	0804	0756	N11	W90	1.000	11976	4.6	10	-N	C	0756	.52				
CATA	11	0800	0805	0800	N14	W90	1.000	11976	4.6	5	-N	C	0800	.40		(174)		
ARCE	11	0800E	0805D		N10	W90	1.000	11976	4.6	5D	-N	P	0800	.23			HB	
GRP45642	11	1048	1058	1052	S14	E43	.735	11986	14.7	10	--F			.63			6 6 4 14	
KHAR	11	1045E	1100D		S13	E43	.730	11986	14.7	15D	-F	V					D	
MONT	11	1048	1057	1052	S13	E42	.720	11986	14.6	9	-N	C	1052	.72			H	
ABST	11	1049	1056D	1051	S12	E45	.748	11986	14.8	7D	-N	P	1051	.90	1.30	71	D	
HTPR	11	1050	1056	1052	S12	E43	.726	11986	14.7	6	-N	C	1052	.62	.70		G	
TEHR	11	1052E	1058	1052U	S14	E45	.756	11986	14.8	6D	-F	3 V		.28			DE	
CAPS	11	1052E	1058D		S17	E40	.719	11986	14.5	6D	-F	3 V						

12
Aug 72

SOLAR FLARES

Confirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION				DURATION	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS
	DATE	START	END	MAX. PHASE	APPROX. LAT.	CENTRAL MER. DIST.	MCMATH PLAGE REGION	CMP DAY				MIN.	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	
1972 AUG																
8 STATIONS REPORTING GROUP 45643. 3 STATIONS OBSERVING AND NOT REPORTING.																
GRP45643	11	1218	1249	1222	N13	W88	.998	11976	4.9	31	1N		1.59			4 4 3 9
ATHN	11	1217E	1305	1224	N13	W90	1.000	11976	4.8	480	2N	2	C			DE
HTPR	11	1218	1221	1219	N12	W90	1.000	11976	4.8	3	-N		C	1219	.52	A
CANR	11	1223E	1241	1223U	N15	W83	.989	11976	5.3	180	1N	2	C	1223	.54	
ARCE	11	1230E	1308		N12	W90	1.000	11976	4.8	380	2B		C	1230	3.71	H
45643	11	1234	1255	1236	N12	W90	1.000	11976	4.8	21	*1B			1.11		3 3 3 13
ABST	11	1232E	1306D	1237	N11	W90	1.000	11976	4.8	340	1B		P	1237	1.35	98 AFKZ
HTPR	11	1234	1244	1237	N12	W90	1.000	11976	4.8	10	-N		C	1237	.83	A
CATA	11	1235	1240D	1235	N13	W90	1.000	11976	4.8	50	1B		P	1235	1.16	(309)
45643	11	1252	1314	1303	N10	W90	1.000	11976	4.8	22	*2B			1.47		2 2 1 13
CAPS	11	1216	1320D		N10	W90	1.000	11976	4.8	640	3N	3	P			
ARCE	11	1252	1308	1303	N10	W90	1.000	11976	4.8	16	1B		C	1303	1.47	
45643	11	1217	1304	1247	N14	W90	1.000	11976	4.8	47	*1B					2 2 0 12
ATHN	11	1217E	1305	1248	N13	W90	1.000	11976	4.8	480	1B		2	C		DE
HERS	11	1236E	1302	1245	N15	W90	1.000	11976	4.8	260	2N		P	1252	2.90	54 Y
GRP45645	12	0253	0320	0257	N16	W71	.940	11987	6.8	27	-N			1.13		2 2 1 5
MITK	12	0253	0328	0257	N16	W71	.940	11987	6.8	35	1N		C	0257	1.13	E
CRON	12	0300E	0311		N16	W71	.940	11987	6.8	110	-N	3	V			
CRON	12	0300E	0311		N16	W71	.940	11987	6.8	110	-N	3	V			
GRP45648	12	0803	0852	0811	N14	W77	.970	11987	6.6	49	--N			.27		4 3 2 11
ISTA	12	0730	0916		N14	W77	.970	11987	6.5	106	-F					D
ARCE	12	0800E	0823D		N14	W75	.961	11987	6.7	23D	-B		C	0810	.33	
MONT	12	0806	0828	0811	N15	W78	.973	11987	6.5	22	-N		C	0811	.21	
ONDR	12	0815E	0842		N15	W80	.981	11987	6.3	27D	1F		V	0828	2.10	CEH
GRP45650	12	0937	0946	0939	N19	E20	.393	11985	13.9	9	--N			.77		3 3 3 13
ATHN	12	0936	0945	0939	N19	E19	.380	11985	13.8	9	-F	3	C		.66	F
MONT	12	0937	0949	0939	N19	E20	.393	11985	13.9	12	-N		C	0939	1.13	
ARCE	12	0940E	0945D		N18	E20	.385	11985	13.9	50	-N		C	0940	.53	.60 H
GRP45653	12	1824	1831	1828	N15	W85	.994	11987	6.4	7	--F			.24		2 2 2 4
HUAN	12	1824	1830		N14	W85	.994	11987	6.4	6	-F	1	C	1826	.21	D
PALE	12	1824	1831	1828U	N15	W84	.992	11987	6.5	7	-N	2	C		.27	
GRP45661	13	1221	1232	1222	N17	W90	.999	11987	6.8	11	-N			.34		2 2 1 7
CATA	13	1220E	1235	1220	N18	W90	.999	11987	6.8	150	-N		P	1220	.34	(151)
MCMA	13	1222	1228	1223	N16	W90	1.000	11987	6.8	6	-N		C	1223		
GRP45662	14	0635	0659	0640	S09	E64	.911	11992	19.1	24	--F			.48		2 2 2 6
ATHN	14	0635	0705	0640	S08	E66	.923	11992	19.2	30	-F	3	C		.50	DE
CRON	14	0644E	0652		S10	E61	.891	11992	18.9	80	-F	3	V	0644	.45	
CRON	14	0644E	0652		S10	E61	.891	11992	18.9	80	-F	3	V		.45	
GRP45666	14	2014	2025	2016	S27	E77	.989	11993	20.6	11	--F			.36		2 2 1 4
HUAN	14	2013	2025	2015	S25	E78	.990	11993	20.7	12	-N	1	C	2015	.36	
MCMA	14	2014	2017D	2016	S28	E76	.987	11993	20.5	30	-F		P	2016		D
GRP45667	15	0039	0042	0040	S12	W03	.323	11986	14.8	3	--F			.54		2 2 2 3
PALE	15	0039	0042D	0040	S12	W03	.323	11986	14.8	30	-N	3	C		.36	D
MITK	15	0039	0042	0040	S11	W03	.307	11986	14.8	3	-F		C	0040	.72	.80
8 STATIONS REPORTING GROUP 45669. 2 STATIONS OBSERVING AND NOT REPORTING.																
GRP45669	15	0913	0937	0916	S10	E49	.783	11992	19.1	24	-N			.91		6 6 6 10
CANR	15	0910	0935	0915	S08	E52	.808	11992	19.3	25	-N	3	V	1.20	1.80	
TEHR	15	0911	0932	0917	S09	E47	.759	11992	18.9	21	-N	3	V		.56	F
CRON	15	0912E	0920D		S10	E49	.783	11992	19.1	80	-F	2	V		.80	
CRON	15	0912E	0920U		S10	E49	.783	11992	19.1	80	-F	2	V		.80	
CAPS	15	0913	0943D		S08	E50	.788	11992	19.1	300	-N	3	V	0916	.05	.08 (170)
CATA	15	0915	0935D	0915	S11	E49	.786	11992	19.1	200	-B		P	0915	1.16	1.93 (240)
KHAR	15	0915E	0940D		S12	E49	.790	11992	19.1	250	1F		P	0922	1.70	2.80
45669	15	0909	0953	0935	S10	E51	.803	11992	19.2	44	*-F			.52		2 2 1 11
ISTA	15	0905	0955		S09	E52	.810	11992	19.3	50	-N					EG
HTPR	15	0913	0950	0935	S11	E50	.796	11992	19.1	37	-F		C	0935	.52	.80
GRP45670	15	1739	1812	1745	N03	E77	.973	11994	21.5	33	-B			.75		7 7 7 7
RAMY	15	1738	1743D	1741	N07	E75	.963	11994	21.4	50	-B	3	C		.83	DE
MCMA	15	1739	1805	1743	N02	E78	.978	11994	21.6	26	-B		C	1743	.41	1.70
HUAN	15	1739	1817U		N04	E78	.977	11994	21.6	380	-B	1	P	1746	.83	E
HTPR	15	1739	1752D		N04	E80	.984	11994	21.7	130	1B			1750	1.34	E
BOUL	15	1740U	1814	1743	S01	E74	.962	11994	21.3	340	-N	1	C	1743	.54	
CANR	15	1743E	1815	1743U	S00	E76	.971	11994	21.4	320	1N	2	C	1743	.75	
PALE	15	1752E	1808	1753U	N06	E75	.963	11994	21.4	160	-B	2	C		.55	F

SOLAR FLARES

Confirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS	
	DATE	START	END	MAX. PHASE	APPROX. LAT.	CENTRAL MER. DIST.	CENTRAL DISTANCE	MCMA PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %		
671 MITK	16	0244	0259	0247	N16	E90	.999	11997	22.9	15	1F	C	0247	1.34				2	
GRP45672	16	0256	0306	0257	N15	E09	.210	11989	16.8	10	-N			1.71				2 2 2 3	
PALE	16	0256	0308	0257	N15	E09	.210	11989	16.8	12	-N	2 C		.64				F	
MITK	16	0256	0303	0257	N14	E08	.186	11989	16.7	7	1N	C	0257	2.78	2.70				
GRP45674	16	0900	0919	0904	N14	E06	.163	11989	16.8	19	-N			1.01				8 8 7 9	
CANR	16	0858	0916	0904	N14	E06	.163	11989	16.8	18	-N	2 V		.80	.80				
ATHN	16	0859	0918	0903	N14	E05	.153	11989	16.7	19	-N	3 C		.83				DE	
CATA	16	0900	0920	0905	N14	E05	.153	11989	16.8	20	-B	C	0905	.98	.99		(219)		
ABST	16	0900E	0925	0903	N14	E05	.153	11989	16.8	250	1B	P	0903	2.17	2.20		87	E G	
ISTA	16	0900	0915		N10	E10	.181	11989	17.1	15	-N								
MONT	16	0902	0922	0904	N14	E07	.174	11989	16.9	20	-N	C	0904	1.55					
ARCE	16	0903E	0914D		N15	E05	.168	11989	16.8	11D	-B	C	0903	.69	.70				
CAPS	16	0906E	0917D		N15	E05	.168	11989	16.8	11D	-N	2 V	0908	.04	.04		(164)		
GRP45676	16	1520	1544	1529	N15	W29	.494	11985	14.5	24	--F			.59				4 4 4 8	
CAPS	16	1510	1546D		N16	W28	.484	11985	14.5	36D	-N	3 V	1535	.09	.10		(171)		
HPR	16	1517	1545	1525	N14	W30	.506	11985	14.4	28	-F	C	1525	.83	.90			E E	
HUAN	16	1525	1540	1528	N16	W28	.484	11985	14.5	15	-F	1 C	1528	.46	.53			F	
ATHN	16	1527	1546	1534	N15	W30	.509	11985	14.4	19	-N	3 C		.99					
679 HUAN	16	1814	1827	1816	N07	E85	.995	11994	23.1	13	--F	1 C	1816	.26				3	
	16	2310	2323	NO FLARE PATROL															
681 PALE	17	0119	0135	0120	N07	E80	.983	11994	23.1	16	--F	3 C		.36				3	
GRP45688	17	1426	1438	1429	N17	W43	.685	11985	14.4	12	--F			.33				2 2 1 4	
HUAN	17	1426	1437		N16	W43	.683	11985	14.4	11	-F	1 C							
ATHN	17	1428E	1438	1429	N17	W42	.673	11985	14.5	10D	-F	3 V		.33				DE	
689 ATHN	17	1610	1622	1613	N10	E73	.952	11994	23.1	12	-N	1 C		.50				DE 5	
	17	1841	1851	NO FLARE PATROL															
	17	1902	1928	NO FLARE PATROL															
GRP45690	17	1959	2006	2000	S11	E17	.415	11992	19.1	7	--F			.24				2 2 2 2	
MCMA	17	1959	2007	2000	S11	E16	.404	11992	19.0	8	-F	C	2000	.21	.20			D	
PALE	17	2000E	2004	2000U	S10	E18	.415	11992	19.2	4D	-F	3 C		.27					
691 PALE	17	2032E	2045	2033U	N15	W46	.717	11985	14.4	13D	--F	3 C		.55				F 1	
GRP45692	17	2100	2145	2103	N16	W47	.730	11985	14.4	45	-F			.71				2 2 2 2	
BOUL	17	2100	2145	2100	N16	W46	.719	11985	14.4	45	-N	2 V	2100	.70	1.00				
PALE	17	2102E	2123D	2106U	N15	W47	.729	11985	14.4	21D	-F	3 V		.72				DE	
GRP45697	18	0819	0831	0821	S13	E08	.363	11992	18.9	12	--N			.38				6 5 5 11	
TEHR	18	0621E	0828	0623U	S10	E13	.361	11992	19.2	127D	-N	3 V		.37				DE H	
ABST	18	0818	0830D	0822	S14	E07	.373	11992	18.9	12D	-N	P	0822	.90	1.00		96	D	
HPR	18	0818	0827	0822	S13	E07	.358	11992	18.9	9	-N	C	0822	.41	.40				
ARCE	18	0819E	0819D		S13	E08	.363	11992	18.9		-N	P	0819	.17	.20			H	
MONT	18	0819	0825D	0820	S13	E09	.370	11992	19.0	6D	-N	C	0820	.21				H	
CATA	18	0820	0835	0820	S12	E07	.342	11992	18.9	15	-N	C	0820	.23	.25		(166)		
GRP45700	18	1125	1134	1126	N16	W52	.784	11985	14.6	9	-N			.65				6 6 6 7	
HPR	18	1124	1132	1127	N16	W58	.843	11985	14.1	8	-N	C	1127	1.03	1.50				
ATHN	18	1124E	1135	1125	N16	W52	.784	11985	14.6	11D	-N	3 V		.50				DE	
CAPS	18	1125E	1133D		N18	W50	.765	11985	14.7	8D	-N	2 V	1128	.04	.08		(176)		
CATA	18	1125	1130D	1125	N17	W50	.764	11985	14.7	5D	-N	P	1125	.69	1.08		(197)		
RAMY	18	1126E	1135	1126	N15	W50	.762	11985	14.7	9D	-F	3 V		.36				DE	
ABST	18	1126	1135D	1128	N16	W51	.774	11985	14.7	9D	-F	P	1128	1.26	1.90			OZ	
GRP45703	18	1320	1350	1326	N06	E39	.626	11994	21.5	30	--F			.47				4 4 4 9	
MCMA	18	1320	1350	1325	N05	E38	.613	11994	21.4	30	-F	C	1325	.41	.50			EL	
HUAN	18	1320	1345U	1326U	N05	E37	.600	11994	21.3	25D	-F	1 C	1326	.46	.58			E	
ATHN	18	1325E	1349	1326	N06	E39	.626	11994	21.5	24D	-F	3 V		.50				DE	
RAMY	18	1326E	1350	1326U	N06	E40	.639	11994	21.6	24D	-F	3 V		.52				DE	
GRP45706	18	1725	1746	1731	N17	W54	.805	11985	14.7	21	-N			.65				6 6 5 7	
BOUL	18	1724	1746	1733	N17	W53	.795	11985	14.8	22	-F	2 V							
RAMY	18	1724E	1744	1726U	N16	W53	.795	11985	14.8	20D	-N	3 V		.52				DE	
MCMA	18	1725	1750D	1734	N17	W54	.805	11985	14.7	25D	-N	C	1734	.52	.90			EL	
PALE	18	1725	1745	1727U	N16	W54	.805	11985	14.7	20	-N	2 C		.55				H	
HPR	18	1725	1744	1735	N16	W54	.805	11985	14.7	19	-N	C	1735	1.03	1.60				
HUAN	18	1725	1745		N17	W54	.805	11985	14.7	20	-N	1 C	1734	.62	1.03			E	

SOLAR FLARES

Confirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %	
1972 AUG																	
GRP45707	18	1817	1828	1821	N17	W54	.805	11985	14.7	11	--N		.35				4 4 4 5
PALE	18	1817	1829	1820	N16	W54	.805	11985	14.7	12	-N	2	.36				
RAMY	18	1817	1827	1819	N16	W54	.805	11985	14.7	10	-F	3	.41				DE
HUAN	18	1818	1829	1823	N17	W54	.805	11985	14.7	11	-N	1	.41	.69			
MCMA	18	1821E	1822D		N17	W54	.805	11985	14.7	10	-N		.21	.30			E
710 PALE	18	2236	2250	2239	N16	W55	.815	11985	14.8	14	--N	3	.36				1
712 PALE	18	2321E	2335	2323U	N06	E35	.570	11994	21.6	140	-N	3	1.03				UDE 4
GRP45713	19	0024	0040	0028	N15	W59	.851	11985	14.6	16	-B		.98				2 2 2 5
MITK	19	0024	0044	0028	N16	W59	.852	11985	14.6	20	-N		.93	1.80			D
VORO	19	0024	0036	0027	N13	W58	.842	11985	14.7	12	-B		1.02	1.83			71 E
GRP45716	19	0548	0610	0551	N16	W61	.869	11985	14.7	22	--N		.44				4 4 4 8
MITK	19	0543	0608	0548	N15	W61	.869	11985	14.7	25	-N		.72	1.40			E
ATHN	19	0547E	0602	0549	N15	W61	.869	11985	14.7	15D	-N	3	.50				DE
HTPR	19	0550	0608	0555	N16	W60	.860	11985	14.7	18	-F		.31	.50			E
CATA	19	0550	0620	0550	N17	W60	.861	11985	14.7	30	-N		.23	.46			(178)
GRP45719	19	0700	0710	0702	N05	E29	.483	11994	21.5	10	--N		.81				6 6 5 8
ATHN	19	0659	0711	0701	N06	E30	.497	11994	21.5	12	-N	1	.50				DE
MITK	19	0700	0712	0702	N05	E28	.468	11994	21.4	12	-N		.62	.70			E
HTPR	19	0700	0707	0701	N05	E29	.483	11994	21.5	7	-N		.83	.90			
CAPS	19	0700E	0703D		N05	E27	.453	11994	21.3	3D	-N	2					(170)
ABST	19	0701E	0712	0701	N05	E28	.468	11994	21.4	11D	-F		1.80	2.00			68 E
MANI	19	0702E	0710	0703	N05	E30	.498	11994	21.5	8D	-F	1	0703	.31	.36		
GRP45721	19	0758	0840	0813	N05	E29	.483	11994	21.5	42	-N		1.75				5 5 4 6
HTPR	19	0757	0835	0813	N05	E28	.468	11994	21.4	38	-N		1.34	1.30			H
ISTA	19	0757	0850		N06	E29	.482	11994	21.5	53	-N						A
MANI	19	0758E	0827	0815	N05	E29	.483	11994	21.5	29D	-N	1	0815	1.03	1.18		8.14
ATHN	19	0758E	0839	0808	N05	E32	.528	11994	21.7	41D	-N	1	0808	2.07	2.03		
CATA	19	0800	0850	0815	N04	E27	.454	11994	21.4	50	1B		0815	2.55	2.86		(214)
GRP45724	19	1121	1128	1121	S12	E90	1.000	12002	26.2	7	-F		.55				2 2 2 6
CATA	19	1120	1130	1120	S13	E90	1.000	12002	26.2	10	1F		.69				(135)
HTPR	19	1122	1125	1122	S10	E90	1.000	12002	26.2	3	-N		.41				
GRP45725	19	1120	1139	1126	N17	W64	.893	11985	14.7	19	--F		.59				2 2 2 7
HTPR	19	1120	1137	1132	N16	W62	.877	11985	14.8	17	-F		.31	.60			E
CATA	19	1120	1140	1120	N18	W65	.900	11985	14.6	20	-N		.87	2.06			(174)
GRP45727	19	1218	1253	1226	S05	E69	.939	12001	24.7	35	--F		.37				3 3 3 6
RAMY	19	1217	1227D	1222	S04	E68	.932	12001	24.6	10D	-F	3	.37				DE
HTPR	19	1219	1305	1225	S05	E68	.933	12001	24.6	46	-F		.21				
ATHN	19	1231E	1240	1231	S07	E72	.957	12001	24.9	9D	-N	1	1231	.52	.66		
GRP45728	19	1250	1301	1251	N17	W64	.893	11985	14.7	11	--N		.45				2 2 2 6
HTPR	19	1250	1307	1251	N16	W63	.885	11985	14.8	17	-N		.31	.60			E
CATA	19	1250	1255	1250	N17	W64	.893	11985	14.7	5	-N		.58	1.32			(199)
GRP45729	19	1313	1338	1316	S18	E90	1.001	12002	26.3	25	1N		.80				3 3 1 8
ATHN	19	1311E	1335	1316	S20	E90	1.001	12002	26.3	24D	1B	3	1316				
MCMA	19	1314E	1328D		S15	E90	1.000	12002	26.3	14D	-F		1316				
CATA	19	1315	1340	1315	S18	E90	1.001	12002	26.3	25	1N		1315	.80			(180)
GRP45731	19	1432	1457	1437	N17	W67	.914	11985	14.6	25	1B		1.84				7 7 6 8
HTPR	19	1430	1450	1435	N16	W64	.892	11985	14.8	20	1N		1.34	2.60			
MCMA	19	1431	1500	1435	N17	W68	.921	11985	14.5	29	1B		1.435	1.24	3.50		E
ATHN	19	1432E	1504	1436	N18	W68	.921	11985	14.5	32D	-B	3	1436	1.21	1.81		
HUAN	19	1432	1447U		N16	W66	.907	11985	14.7	15D	-B	1					E
CANR	19	1433	1453	1436	N19	W66	.907	11985	14.7	20	1N	2	1436	1.72			
RAMY	19	1433E	1447D	1438U	N16	W67	.914	11985	14.6	14D	1N	1		1.76			F
CATA	19	1435	1500D	1440	N20	W67	.914	11985	14.6	25D	2B		1440	3.76			(292)
735 HUAN	19	1839	1908	1841	S04	E67	.925	12001	24.8	29	--F	1	1841	.26			D 3
GRP45736	19	1923	2002	1925	N17	W69	.927	11985	14.6	39	--F		.26				2 2 2 2
HUAN	19	1923	2002U		N16	W68	.921	11985	14.7	39D	-F	1	1926	.31			K
MCMA	19	1923	1950D	1925	N17	W70	.933	11985	14.6	27D	-F		1925	.21	.60		D
737 HUAN	19	1933U	2011		S04	E66	.919	12001	24.8	38D	-N	1					E 2
GRP45738	19	2102	2129	2106	N17	W70	.933	11985	14.6	27	--F		.24				2 2 2 2
MCMA	19	2100	2123D		N17	W70	.933	11985	14.6	23D	-N		2105	.21	.60		D
HUAN	19	2103	2129U	2106U	N16	W70	.933	11985	14.6	26D	-F	1	2106	.26			D

SOLAR FLARES
Confirmed
AUGUST 1972

OBSERVATORY	OBSERVED UT			LOCATION					DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS	
	DATE	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION				CMP DAY	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.		MAX. WIDTH Ha
1972 AUG																	
GRP45739	19	2104	2125	2107	S08	E65	.917	12001	24.8	21	--N					2 2 2 2	
HUAN	19	2104	2125	2108	S07	E65	.916	12001	24.8	21	-N	1	C	2108	.34		D
MCHA	19	2104	2123D	2106	S08	E64	.910	12001	24.7	19D	-N		C	2106	.41	.90	
GRP45740	20	0055	0126	0058	N04	E17	.295	11994	21.3	31	-N				2.15		4 4 3 5
BOUL	20	0054	0108	0056	N04	E20	.344	11994	21.5	14	-N	2	V				
CULG	20	0054	0144	0100	N04	E17	.295	11994	21.3	50	1N		C	0100	3.20	3.25	L
MITK	20	0055	0127	0057	N03	E15	.266	11994	21.2	32	-N		C	0057	1.96	2.00	EG
CRON	20	0055E	0107D	0057	N04	E15	.262	11994	21.2	12D	-F	2	V	0057	1.30		
CRON	20	0055E	0107D	0057	N04	E15	.262	11994	21.2	12D	-F	2	V	0057	1.30		
GRP45741	20	0459	0508	0502	S04	E57	.847	12001	24.5	9	--F				.43		2 2 2 5
ATHN	20	0458	0510	0500	S02	E57	.844	12001	24.5	12	-F	1	C		.33		DE
MITK	20	0500	0506	0503	S05	E57	.849	12001	24.5	6	-N		C	0503	.52	1.00	D
GRP45745	20	1004	1019	1010	S18	E88	1.000	12002	27.0	15	-N				.36		5 5 3 8
HTPR	20	1001	1018	1010	S15	E90	1.000	12002	27.2	17	-F		C	1010	.31		
CATA	20	1005	1010D	1005	S17	E90	1.001	12002	27.2	5D	1N		P	1005	.58		(182)
KHAR	20	1005	1020	1010	S17	E87	1.000	12002	26.9	15	1N		P				D
CAPS	20	1011E	1020D		S25	E88	1.000	12002	27.0	9D	-N	1	S				
TEHR	20	1012E	1019	1014U	S14	E85	.998	12002	26.8	7D	-N	3	V		.19		DE
GRP45747	20	1307	1312	1309	N13	W81	.984	11985	14.5	5	-N				.31		2 2 1 6
RAMY	20	1306	1312	1308	N12	W80	.981	11985	14.5	6	-N	4	V				DE
HTPR	20	1308	1312	1309	N13	W82	.987	11985	14.4	4	-N		C	1309	.31		
GRP45748	20	1427	1433	1428	N13	W81	.984	11985	14.5	6	--F				.24		3 3 2 6
RAMY	20	1426	1435	1428	N12	W80	.981	11985	14.6	9	-N	4	V				DE
HUAN	20	1427	1431	1428	N13	W80	.981	11985	14.6	4	-F	1	C	1428	.26		D
HTPR	20	1428	1432	1429	N13	W83	.989	11985	14.4	4	-F		C	1429	.21		
GRP45750	20	1809	1843	1811	S19	E86	1.000	12002	27.2	34	-N				.28		4 4 2 4
HUAN	20	1808	1843	1810	S20	E88	1.000	12002	27.4	35	-N	1	C	1810	.26		E
MCHA	20	1809	1835D	1811	S22	E88	1.000	12002	27.4	26D	1N		C				B
MCHA	20	1809	1835D	1833	S22	E88	1.000	12002	27.4	26D	1N		C				
CANR	20	1810	1830	1812	S16	E80	.991	12002	26.8	20	-N	2	V		.30	1.10	
BOUL	20	1812E	1905D	1812U	S19	E87	1.000	12002	27.3	53D	-N	2	V				
751 HUAN	20	1955	2014	2000U	S05	E50	.780	12001	24.6	19	--F	2	C	2000	.72	1.13	E
	20	2130	2228		NO FLARE PATROL												
	20	2331	2341		NO FLARE PATROL												
GRP45752	21	0814	0853	0835	S13	W33	.620	11992	18.9	39	--F				.45		3 2 2 6
ARCE	21	0813	0815D	0813	S13	W30	.585	11992	19.1	2D	-F		C	0813	.09	.10	
HTPR	21	0815	0900	0832	S13	W34	.632	11992	18.8	45	-F		C	0832	.31	.40	
ARCE	21	0820E	0850D		S13	W32	.609	11992	18.9	30D	-N		C	0825	.59	.70	
MONT	21	0838E	0850	0838	S11	W32	.595	11992	19.0	12D	-N		C	0838	1.13		
GRP45754	21	1108	1126	1110	S07	E46	.742	12001	24.9	18	--F				.27		3 3 2 9
ATHN	21	1107	1123	1109	S08	E47	.757	12001	25.0	16	-F	3	C		.33		DE
HTPR	21	1108	1130	1110	S06	E46	.739	12001	24.9	22	-F		C	1110	.21	.30	
KHAR	21	1110E	1124D		S08	E46	.746	12001	24.9	14D	-F		P				D
GRP45758	21	1705	1730	1709	S04	E38	.636	12001	24.6	25	-N				.79		3 3 3 5
HUAN	21	1705	1732	1709	S03	E38	.632	12001	24.6	27	-N	2	C	1709	.72	.94	E
HTPR	21	1705	1725	1708	S03	E38	.632	12001	24.6	20	-N		C	1708	1.03	1.20	
MCHA	21	1708E	1733		S05	E38	.639	12001	24.6	25D	-F		C	1714	.62	.80	E
GRP45759	21	1735	1753	1743	S19	E69	.955	12002	26.9	18	--N				.38		3 3 2 6
PALE	21	1710	1758	1747	S17	E70	.957	12002	27.0	48	-F	2	C		.45		F
HUAN	21	1734	1747	1739	S20	E69	.956	12002	26.9	13	-N	1	C				
HTPR	21	1736	1743D		S20	E67	.946	12002	26.8	7D	-N		C	1739	.31		
GRP45760	21	1927	1936	1928	S12	E60	.888	12002	26.3	9	--F				.24		2 2 2 4
HUAN	21	1926	1937	1928	S12	E60	.888	12002	26.3	11	-F	1	C	1928	.21	.43	D
PALE	21	1927	1935	1928	S11	E59	.878	12002	26.2	8	-F	2	C		.27		F
762 PALE	21	2206	2210	2207	S13	E59	.882	12002	26.3	4	--F	3	V		.31		2
GRP45764	21	2246	2258	2249	S14	E71	.959	12002	27.3	12	1B				1.07		4 4 4 4
BOUL	21	2246	2252	2248	S14	E75	.975	12002	27.6	6	-N	3	V	2248	.60	1.80	
CULG	21	2246	2307	2249	S14	E69	.949	12002	27.1	21	1B		C	2249	1.03		RV
VORO	21	2246	2255	2248	S13	E70	.953	12002	27.2	9	1B		C	2248	1.29	4.00	DJ
PALE	21	2247	2259	2249	S13	E68	.942	12002	27.0	12	1B	3	C		1.35		F

SOLAR FLARES

Confirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT			MAX. PHASE	LOCATION				DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	TIME UT	MEASUREMENTS				REMARKS
	DATE	START	END		APPROX. LAT.	CENTRAL MER. DIST.	MCMATH PLAGE REGION	CMP DAY					MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %	
1972 AUG																	
GRP45766	21	2328	2334	2329	S02	E30	.519	12001	24.2	6	--B		.58			2 2 2 3	
VORO	21	2327	2334	2329	S03	E28	.495	12001	24.1	7	-B	C	.84	.97		65 D	
PALE	21	2328	2333	2329	S01	E32	.543	12001	24.4	5	-N	3 V	.31				
GRP45767	22	0006	0013	0008	S02	E30	.519	12001	24.3	7	--N		.84			2 2 2 4	
VORO	22	0006	0014	0008	S02	E28	.490	12001	24.1	8	-B	C	.84	.94		64 D	
PALE	22	0007E	0012	0008	S01	E32	.543	12001	24.4	5D	-F	3 V	.83				
771 PALE	22	0219E	0224D	0219U	S04	E18	.359	12001	23.4	5D	-N	2 V	1.24			F 3	
GRP45772	22	0257	0309	0305	S26	W25	.655	11993	20.2	12	--F		.31			2 2 1 4	
PALE	22	0257	0312	0305	S26	W25	.655	11993	20.2	15	-F	3 V	.31			F	
CRON	22	0257E	0305		S25	W25	.645	11993	20.2	8D	-N	3 V					
CRON	22	0257E	0305		S25	W25	.645	11993	20.2	8D	-N	3 V					
8 STATIONS REPORTING GROUP 45779. 0 STATIONS OBSERVING AND NOT REPORTING.																	
GRP45779	22	1207	1335	1221	S23	E56	.886	12002	26.7	88	2B		3.86			4 4 4 7	
ATHN	22	1202	1339D	1223	S20	E59	.898	12002	26.9	97D	2B	3 C	5.12			U F	
HTPR	22	1207	1330	1223	S20	E56	.877	12002	26.7	83	2B	C	4.13			AESU	
CANR	22	1208	1337	1217	S22	E54	.868	12002	26.6	89	1N	2 C	1217	5.14			
KIEV	22	1210	1245	1219	S30	E56	.907	12002	26.7	35	2N	C	1219	8.20		65 EHI	
45779	22	1205	1422	1238	S21	E56	.880	12002	26.7	137	*2N		3.13			4 3 3 8	
CATA	22	1205E	1330D	1235	S22	E55	.876	12002	26.6	85D	2B	P	1235	8.81		(234)	
HUAN	22	1214E	1422		S20	E57	.884	12002	26.8	128D	2N	1 C	1228	5.12		U	
CAPS	22	1215E	1340D		S13	E60	.890	12002	27.0	85D	2B	1 P	1221	5.00			
BOUL	22	1234E	1336D	1241	S22	E55	.876	12002	26.6	62D	1N	2 C	1241	4.94			
GRP45781	22	1311	1340	1317	S05	E25	.464	12001	24.4	29	-N		.89			3 3 2 7	
HUAN	22	1304	1405	1318U	S05	E26	.478	12001	24.5	61	-N	1 C	1318	.62	.71		
BOUL	22	1308	1325	1312	S05	E24	.450	12001	24.3	17	-F	3 V					
CATA	22	1320	1330D	1320	S05	E26	.478	12001	24.5	10D	-N	P	1320	1.16	1.31	(178)	
GRP45784	22	1622	1644	1625	S19	E62	.916	12002	27.3	22	--F	1 C	.37			4 4 4 6	
ATHN	22	1621	1643D	1627	S18	E58	.886	12002	27.0	22D	-F	1 C	.66			DE	
MCMA	22	1622E	1645		S20	E62	.918	12002	27.3	23D	-F	C	1625	.21	.50	E	
HTPR	22	1622	1646	1625	S18	E65	.932	12002	27.6	24	-F	C	1625	.21		E	
HUAN	22	1622	1643	1624	S20	E63	.924	12002	27.4	21	-F	2 C	1624	.41		E	
GRP45786	22	1706	1727	1710	S18	E66	.938	12002	27.7	21	--F		.18			2 2 2 5	
HTPR	22	1705	1710D		S17	E64	.925	12002	27.5	5D	-F	C	1709	.10		E	
HUAN	22	1707	1727	1710	S18	E67	.943	12002	27.7	20	-F	2 C	1710	.26			
GRP45787	22	1715	1729	1717	S04	E24	.444	12001	24.5	14	--N		.74			2 2 2 4	
CANR	22	1714	1729		S04	E24	.444	12001	24.5	15	-N	2 V	1720	.60	.70		
HUAN	22	1715	1729	1717	S04	E23	.429	12001	24.4	14	-N	2 C	1717	.88	.96	E	
GRP45790	22	2049	2104	2053	S06	E20	.403	12001	24.4	15	--N		.57			2 2 2 3	
MCMA	22	2049	2104		S07	E20	.412	12001	24.4	15	-N	P	2049	.31	.40	E	
HUAN	22	2049	2103	2053	S04	E20	.387	12001	24.4	14	-N	2 C	2053	.83	.90	E	
GRP45791	23	0144	0219	0151	S04	E19	.373	12001	24.5	35	1N		3.18			5 5 5 7	
CULG	23	0143	0225	0151	S04	E19	.373	12001	24.5	42	1N	C	0151	4.02	4.10	S	
CRON	23	0143	0208D	0148	S03	E18	.351	12001	24.4	25D	-F	3 V	.90				
CRON	23	0143	0208D	0148	S03	E18	.351	12001	24.4	25D	-F	3 V	.90				
VORO	23	0144	0220	0147	S02	E20	.373	12001	24.6	36	1N	C	0147	4.71	5.01	72 EJ	
MITK	23	0145	0213	0156	S05	E19	.381	12001	24.5	28	1N	C	0156	3.92	4.30	E	
PALE	23	0153E	0159D	0154U	S04	E19	.373	12001	24.5	6D	1B	2 C	2.35			DE F	
GRP45793	23	0457	0518	0501	S17	E50	.818	12002	27.0	21	-N		.91			3 3 3 5	
ABST	23	0456	0527	0459	S18	E50	.822	12002	27.0	31	1N	P	0459	1.62	2.80	85 E	
MANI	23	0457	0515	0502	S17	E49	.809	12002	26.9	18	-N	2	0502	.62	1.00		
ATHN	23	0459E	0512	0502	S16	E52	.832	12002	27.1	13D	-N	3 V	.50			DE	
GRP45795	23	0634	0645	0635	S04	E11	.267	12001	24.1	11	--F		.32			2 2 2 6	
ATHN	23	0634E	0645	0635	S04	E10	.256	12001	24.0	11D	-F	3 V	.33			DE	
HTPR	23	0634	0644	0635	S04	E11	.267	12001	24.1	10	-F	C	0635	.31	.30	E	
GRP45799	23	0822	0855	0835	S04	E13	.292	12001	24.3	33	--F		.22			2 2 2 5	
HTPR	23	0822	0840	0835	S04	E12	.280	12001	24.2	18	-F	C	0835	.21	.20		
ARCE	23	0825E	0910D		S03	E13	.282	12001	24.3	45D	-N	C	0830	.23	.23		

SOLAR FLARES

Confirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION				CMP DAY	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	
1972 AUG																
8 STATIONS REPORTING GROUP 45800. 2 STATIONS OBSERVING AND NOT REPORTING.																
GRP45800	23	0934	1003	0936	S16	E48	.796	12002	27.0	29	-N		1.24			6 6 6 9
ZURI	23	0932	1007	0933	S15	E47	.783	12002	26.9	35	-N	C	0933	.84	1.40	
HTPR	23	0933	1007	0936	S17	E49	.809	12002	27.1	34	-N	C	0936	.83	1.30	
ABST	23	0933	10010	0937	S16	E49	.805	12002	27.1	280	1N	P	0937	2.79	4.60	83 EJ
CATA	23	0935	1010	0935	S17	E47	.791	12002	26.9	35	-B	C	0935	.98	1.64	(209)
CRON	23	0935E	0951		S17	E48	.800	12002	27.0	160	-N	3 V		.80		
CRON	23	0935E	0951		S17	E48	.800	12002	27.0	160	-N	3 V		.80		
CANR	23	0938	1000	0939	S14	E46	.769	12002	26.9	22	-N	3 V	0939	1.20	1.60	
45800 23 0936 0958 0940 S17 E59 .891 12002 27.8 22 *-N .47 4 4 4 7																
HTPR	23	0934	1009	0937	S17	E58	.884	12002	27.7	35	-F	C	0937	.21	.40	
CATA	23	0935	1000	0945	S17	E57	.876	12002	27.7	25	-B	C	0945	.17	.36	(209)
ABST	23	0935	10010	0938	S16	E59	.889	12002	27.8	260	-N	P	0938	.90	1.90	68 DJ
CANR	23	0938	0941	0939	S19	E63	.922	12002	28.1	3	-F	3 V	0939	.60	.90	
45800 23 0938 1025 1000 S17 E48 .800 12002 27.0 47 *-F .19 2 2 1 7																
KHAR	23	0938E	1025D		S19	E47	.800	12002	26.9	470	1F	V		.19		D
TEHR	23	1000E	1005D	1000U	S15	E48	.792	12002	27.0	50	-N	3 V		.19		DE
3 STATIONS REPORTING GROUP 45802. 0 STATIONS OBSERVING AND NOT REPORTING.																
GRP45802	23	1910	1944	1915	S15	E42	.732	12002	26.9	34	-B		1.27			3 3 3 3
PALE	23	1909	1942	1915	S14	E42	.727	12002	26.9	33	1B	3 C		1.80		DE
RAMY	23	1910	1935	1914	S15	E42	.732	12002	26.9	25	-N	3 C		.93		F
HUAN	23	1911	1954	1915	S16	E43	.747	12002	27.0	43	-B	2 C	1915	1.08	1.59	EK
45802 23 1914 1934 1915 S17 E55 .861 12002 27.9 20 *-N .46 2 2 2 3																
RAMY	23	1913	1937	1915	S17	E56	.869	12002	28.0	24	-N	3 C		.46		DE
HUAN	23	1914	1930	1915	S17	E54	.853	12002	27.9	16	-N	2 C	1915	.46	.85	E
GRP45803 23 2007 2022 2009 S05 E14 .316 12001 24.9 15 --F .21 2 2 2 4																
MCMA	23	2006	2018D	2008	S05	E13	.303	12001	24.8	12D	-N	C	2008	.21	.20	D
HUAN	23	2008	2022	2010	S04	E14	.305	12001	24.9	14	-F	2 C	2010	.21	.22	D
23 2101 2118 NO FLARE PATROL																
23 2210 2222 NO FLARE PATROL																
23 2303 2314 NO FLARE PATROL																
GRP45805 24 0301 0314 0304 S16 E38 .696 12002 27.0 13 --F .60 3 3 3 8																
PALE	24	0301E	0310	0301U	S15	E37	.679	12002	26.9	90	-N	2 V		.62		DE
TEHR	24	0302E	0316	0303U	S17	E39	.712	12002	27.1	140	-F	2 V		.65		DE
MANI	24	0306E	0315	0307	S15	E37	.679	12002	26.9	90	-F	2	0307	.52	.70	
7 STATIONS REPORTING GROUP 45806. 0 STATIONS OBSERVING AND NOT REPORTING.																
GRP45806	24	0345	0445	0355	S04	E05	.209	12001	24.5	60	2N		6.78			5 5 5 5
CULG	24	0343	0457	0355	S06	E06	.247	12001	24.6	74	2N	C	0355	6.29	6.10	
SIBE	24	0346	0441	0351	S03	E03	.181	12001	24.4	55	2N	C	0350	11.95	11.70	3.51 84 CE
TACH	24	0346	0440	0356	S04	E08	.235	12001	24.8	54	2N	C	0356	8.21	8.47	120 F
PALE	24	0351E	0408D	0353U	S04	E05	.209	12001	24.5	170	1B	2 C		2.89		DE
TEHR	24	0351E	0442D	0401	S04	E04	.203	12001	24.5	51D	1N	2 V		4.56		U F
45806 24 0407 0443 0416 S06 E06 .247 12001 24.6 36 *1N 4.49 2 2 2 7																
MITK	24	0407	0429D		S08	E06	.278	12001	24.6	220	2N	P	0407	6.50	6.70	F
ATHN	24	0416E	0443	0416U	S04	E05	.209	12001	24.6	270	1N	1 C		2.48		U F
GRP45807 24 0348 0425 0356 S15 E38 .690 12002 27.0 37 -N 1.03 4 3 3 5																
SIBE	24	0345	0425	0351	S14	E38	.684	12002	27.0	40	1F	C	0350	1.92	2.40	3.51 55 C
TEHR	24	0350	0425	0400	S17	E39	.712	12002	27.1	35	-N	2 V		.65		DE
PALE	24	0351E	0410D	0356U	S15	E36	.668	12002	26.9	190	-N	2 V		.52		DE
TACH	24	0407	0417	0411	S13	E40	.701	12002	27.2	10	-B	C	0411	1.09	1.49	88 E
GRP45812 24 0940 1035 1016 S17 E38 .702 12002 27.3 55 --F .73 3 2 2 9																
ARCE	24	0940E	1000D		S15	E36	.668	12002	27.1	200	-N	C	0951	.42	.60	H
HTPR	24	0947	1040	1017	S16	E36	.674	12002	27.1	53	-F	C	1017	.62	.80	
ATHN	24	1008E	1030	1014	S17	E40	.722	12002	27.4	220	-F	2 V		.83		DE
GRP45815 24 1149 1209 1154 S16 E34 .653 12002 27.0 20 --F .62 4 4 4 8																
HTPR	24	1147	1215	1153	S16	E35	.664	12002	27.1	28	-N	C	1153	.72	.90	
RAMY	24	1149	1212	1151	S16	E33	.642	12002	27.0	23	-F	3 C		.56		DE
ZURI	24	1151	1201	1153	S15	E33	.635	12002	27.0	10	-F	C	1153	.86	1.10	
ATHN	24	1159E	1209	1200	S17	E33	.649	12002	27.0	100	-F	3 V		.33		DE
GRP45816 24 1316 1330 1319 S16 E34 .653 12002 27.1 14 --F .37 3 3 3 6																
RAMY	24	1316	1325D	1318U	S16	E33	.642	12002	27.0	90	-F	2 C		.37		DE
HTPR	24	1316	1330	1320	S16	E34	.653	12002	27.1	14	-F	C	1320	.52	.60	E
HUAN	24	1317	1329	1318	S17	E34	.660	12002	27.1	12	-F	1 C	1318	.21	.27	D

18
Aug 72

SOLAR FLARES Confirmed AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM-PORTANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS
	DATE	START	END	MAX. PHASE	APPROX. LAT.	CENTRAL MER. DIST.	MCMATH PLAGE REGION	CMP DAY	TIME UT				MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hg	MAX. INT. %	
1972 AUG																	
GRP45817	24	1512	1532	1516	S27	W55	.892	11993	20.5	20	--N						5 5 5 7
HUAN	24	1509	1528	1514	S27	W53	.879	11993	20.7	19	-F	1	C	1514	.46	.63	E
HTPR	24	1511	1535	1516	S27	W54	.886	11993	20.6	24	-F		C	1516	.21	.40	
MCMA	24	1511	1514D		S28	W56	.901	11993	20.4	3D	-N		C	1514	.41	1.00	E
ZURI	24	1513	1530	1515	S30	W54	.896	11993	20.6	17	-N		C	1515	.55		
ATHN	24	1515	1533	1517	S24	W60	.915	11993	20.1	18	-N	2	V		.83		F
GRP45818	24	1512	1531	1518	S16	E32	.631	12002	27.0	19	--N				.57		7 7 7 7
CANR	24	1504	1526		S13	E30	.586	12002	26.9	22	-N	2	V	1510	.70	.80	
MCMA	24	1512	1514D		S16	E31	.620	12002	27.0	2D	-N		C	1514	.31	.40	E
HUAN	24	1513	1538	1518	S17	E33	.649	12002	27.1	25	-N	2	C	1518	.46	.60	E
ZURI	24	1513	1530	1517	S15	E33	.635	12002	27.1	17	-F		C	1517	.71	.90	
RAMY	24	1514	1533	1518	S16	E32	.631	12002	27.0	19	-F	3	C		.46		DE
ATHN	24	1514E	1529	1515	S17	E32	.639	12002	27.0	15D	-N	2	V		.50		DE
HTPR	24	1515	1532	1520	S16	E32	.631	12002	27.0	17	-N		C	1520	.83	1.00	E
24 2043 2117 NO FLARE PATROL																	
24 2123 2130 NO FLARE PATROL																	
GRP45819	24	2132	2155	2134	S15	E29	.591	12002	27.1	23	-B				.99		3 2 2 3
RAMY	24	2130E	2200	2133	S15	E27	.568	12002	26.9	30D	-N	2	V		.77		DE
VORO	24	2133	2149	2135	S14	E30	.594	12002	27.1	16	-B		C	2135	1.20	1.48	115 D
MCMA	24	2145E	2155D		S16	E28	.588	12002	27.0	10D	-N		P	2146	.41	.50	E
GRP45820	25	0442	0501	0448	S05	E68	.933	12005	30.3	19	-N				1.17		5 5 5 5
TACH	25	0440	0500	0449	S04	E72	.955	12005	30.6	20	1N		C	0449	2.17		84 E
CRON	25	0442D	0501	0444	S05	E68	.933	12005	30.3	19D	-N	3	V	0444	.65		
CRON	25	0442E	0501	0444	S05	E68	.933	12005	30.3	19D	-N	3	V	0444	.65		
MANI	25	0443	0503	0450	S05	E68	.933	12005	30.3	20	-N	2		0450	.93	1.93	
TEHR	25	0447E	0457	0447U	S05	E67	.927	12005	30.2	10D	-N	3	V		.28		F
ABST	25	0452E	0507D	0452	S04	E67	.926	12005	30.2	15D	1B		P	0452	1.80		98 BE
ABST	25	0452E	0503	0452	S07	E66	.923	12005	30.2	11D	1B		P	0452	1.80		98 BE
7 STATIONS REPORTING GROUP 45821. 0 STATIONS OBSERVING AND NOT REPORTING.																	
GRP45821	25	0510	0542	0518	S15	E24	.536	12002	27.0	32	-N				1.89		6 6 6 6
MANI	25	0503E	0538	0514	S14	E22	.505	12002	26.9	35D	-F	2		0514	1.65	1.90	
CRON	25	0508	0540		S16	E26	.567	12002	27.2	32	-N	3	V		.80		
TACH	25	0510	0545		S13	E24	.517	12002	27.0	35	1N		P	0513	3.61	4.24	93 E
HTPR	25	0512E	0552		S16	E25	.556	12002	27.1	40D	1N		C	0523	1.96	2.20	E
ABST	25	0513E	0547D	0524	S16	E24	.546	12002	27.0	34D	1N		P	0524	2.97	3.50	89 E
TEHR	25	0514	0531	0517	S15	E22	.515	12002	26.9	17	-N	3	V		.37		DE
45821	25	0508	0548	0535	S16	E24	.546	12002	27.0	40	*-N				1.27		2 2 2 7
CRON	25	0508	0540		S16	E26	.567	12002	27.2	32	-N	3	V		.80		
CATA	25	0535E	0555D	0535	S15	E22	.515	12002	26.9	20D	-N		P	0535	1.73	2.01	(178)
GRP45822	25	0709	0720	0711	S15	E23	.526	12002	27.0	11	--N				.39		3 3 3 7
CAPS	25	0708E	0727D		S13	E22	.495	12002	26.9	19D	-N	3	V	0710	.05	.06	(182)
MONT	25	0709	0719	0710	S16	E22	.525	12002	26.9	10	-N		C	0710	.72		
HTPR	25	0709	0715	0711	S16	E24	.546	12002	27.1	6	-F		C	0711	.41	.40	E
GRP45823	25	0740	0756	0745	S15	E23	.526	12002	27.0	16	--N				.48		3 3 3 8
MONT	25	0739	0751	0744	S16	E22	.525	12002	27.0	12	-N		C	0744	.72		
HTPR	25	0740	0751	0745	S16	E24	.546	12002	27.1	11	-F		C	0745	.21	.20	E
CAPS	25	0743E	0805D		S13	E22	.495	12002	27.0	22D	-N	3	V	0745	.50	.60	(182) C
11 STATIONS REPORTING GROUP 45827. 1 STATIONS OBSERVING AND NOT REPORTING.																	
GRP45827	25	1031	1118	1039	S16	E20	.506	12002	26.9	47	1B				2.78		11 11 11 12
MONT	25	1027	1126	1041	S16	E20	.506	12002	26.9	59	1B		C	1041	4.13		
CATA	25	1030	1145D	1035	S16	E19	.496	12002	26.9	75D	1B		P	1035	2.32	2.65	(278)
HTPR	25	1030	1120	1044	S16	E23	.536	12002	27.2	50	1N		C	1044	2.06	2.30	E
ZURI	25	1030	1120	1037	S14	E18	.463	12002	26.8	50	-B		C	1037	1.72	2.00	
CANR	25	1030	1115	1036	S16	E21	.515	12002	27.0	45	-N	2	V		1.90	2.00	
CAPS	25	1031E	1129D		S16	E22	.525	12002	27.1	58D	1B	2	P	1036	2.50	3.00	(265) CF
WEND	25	1032E	1106		S15	E21	.505	12002	27.0	34D	2N		P		6.19		
TEHR	25	1034	1053	1037	S15	E19	.485	12002	26.9	19	-B	3	V		1.55		F
KHAR	25	1035E	1115D		S17	E18	.499	12002	26.8	40D	2N		P	1043	5.10	5.90	
RAMY	25	1036E	1117	1036U	S15	E21	.505	12002	27.0	41D	-B	2	C		1.95		F
HERS	25	1042E	1111D	1042U	S16	E18	.487	12002	26.8	29D	-N		P	1046	1.19	1.40	1.90 58 E
827 TEHR	25	1037	1046	1039	S15	E31	.613	12002	27.8	9	*-F	3	V		.57		F 11
GRP45828	25	1125	1158	1138	N14	E87	.997	12007	1.0	33	1N				.52		3 3 1 7
CATA	25	1125	1145D	1140	N15	E90	.999	12007	1.2	20D	-N		P	1140	.52		(153)
RAMY	25	1135E	1155	1135U	N15	E85	.993	12007	31.9	20D	-N	2	C				DE
KHAR	25	1142E	1200D		N12	E86	.996	12007	31.9	18D	2F		P				OH

SOLAR FLARES Confirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION				DURATION	IM-PORTANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS	
	DATE	START	END	MAX. PHASE	APPROX. LAT.	CENTRAL MER. DIST.	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hg		MAX. INT. %
1972 AUG																	
GRP45829	25	1224	1239	1226	S04	W15	.319	12001	24.4	15	--N			.33			3 3 3 7
MCMA	25	1223	1234	1226	S05	W16	.342	12001	24.3	11	-N	C	1226	.41	.40		EH
RAMY	25	1225	1233	1226	S04	W16	.332	12001	24.3	8	-F	2 C		.28			DE
CAPS	25	1227E	1250D		S04	W12	.280	12001	24.6	23D	-N	2 V	1228	.30	.30	(170)	C
GRP45830	25	1233	1255	1238	N09	E85	.995	12007	31.9	22	-B			.67			8 8 5 9
HTPR	25	1230	1255	1237	N08	E85	.995	12007	31.9	25	-B	C	1237	.72			E
MCMA	25	1231	1300	1235	N08	E88	.999	12007	1.1	29	-B	C	1235				EK
RAMY	25	1231E	1253D	1234	N09	E90	1.000	12007	1.3	22D	-B	2 V					DE
CANR	25	1231	1254	1237	N07	E83	.991	12007	31.7	23	1N	2 C	1237	.75			
ZURI	25	1233	1247	1235	N08	E85	.995	12007	31.9	14	1N	C	1235	.53			
CATA	25	1235	1300	1235	N08	E85	.995	12007	31.9	25	1B	C	1235	.75		(251)	
BOUL	25	1240	1257	1245	N08	E80	.982	12007	31.5	17	-B	2 V					D
HERS	25	1244E	1254D	1244U	N11	E81	.984	12007	31.6	10D	1N	P	1244	.60	2.90		
BOUL	25	1245	1304	1248	N15	E85	.993	12007	31.9	19	-N	2 V					
	25	2408	0000		NO FLARE PATROL												
	26	0107	0120		NO FLARE PATROL												
	26	0220	0243		NO FLARE PATROL												
	26	0257	0300		NO FLARE PATROL												
GRP45835	26	0534	0545	0536	S16	E08	.413	12002	26.8	11	--F			1.22			2 2 2 5
ABST	26	0533	0544D	0536	S16	E08	.413	12002	26.8	11D	-F	P	0536	1.80	2.00	74	E
CATA	26	0535	0545	0535	S16	E08	.413	12002	26.8	10	-N	C	0535	.63	.70	(199)	
GRP45836	26	0718	0736	0722	S04	E55	.829	12005	30.4	18	-N			1.11			3 3 3 9
ABST	26	0717	0734D	0721	S05	E54	.821	12005	30.4	17D	1F	P	0721	1.71	2.90	82	E
CAPS	26	0719E	0740D		S04	E54	.819	12005	30.4	21D	-N	4 V	0720	.50	.90	(170)	C
MONT	26	0719	0734	0722	S04	E56	.838	12005	30.5	15	-N	C	0722	1.13			
GRP45839	26	1046	1117	1052	N10	E74	.957	12007	1.0	31	-N			.48			4 4 4 7
CATA	26	1045	1115	1050	N09	E72	.947	12007	31.8	30	-N	C	1050	.58		(195)	
MONT	26	1046	1119	1051	N11	E75	.961	12007	1.1	33	-B	C	1051	.72			
HTPR	26	1049E	1117	1055	N10	E75	.962	12007	1.1	28D	-F	C	1055	.31			
CAPS	26	1050E	1116D		N09	E75	.962	12007	1.1	26D	-B	3 P	1051	.30		(188)	C
GRP45840	26	1202	1209	1205	N11	E62	.877	12007	31.2	7	--N			.46			4 4 4 7
ZURI	26	1200	1207	1201	N11	E64	.893	12007	31.3	7	-N	C	1201	.53	1.10		
HTPR	26	1200	1206	1201	N13	E62	.876	12007	31.1	6	-N	C	1201	.41	.80		
CAPS	26	1203E	1209D		N09	E62	.878	12007	31.2	6D	-F	3 V	1206	.50			C
CATA	26	1205	1215	1205	N11	E61	.868	12007	31.1	10	-N	C	1205	.40	.84	(162)	
843 PALE	26	1742	1755	1746	S14	E04	.365	12002	27.0	13	--F	3 C		.55			F 3
GRP45844	26	1825	1854	1831	S06	W31	.553	12001	24.4	29	--N			.49			3 3 2 3
PALE	26	1821	1847	1832	S06	W30	.540	12001	24.5	26	-N	3 C		.36			F
BOUL	26	1829	1856	1829	S06	W32	.566	12001	24.4	27	-N	2 V					
MCMA	26	1837E	1900D		S05	W32	.561	12001	24.4	23D	-F	C	1839	.62	.70		E
845 MCMA	26	1943	1955D	1948	S05	W32	.561	12001	24.4	12D	--N	C	1948	.26	.30		D 2
GRP45848	27	0122	0150	0129	N18	E88	.997	12011	2.7	28	-B			.54			2 2 2 5
MANI	27	0120	0150	0129	N18	E88	.997	12011	2.7	30	-N	2 C	0129	.62	1.91		
PALE	27	0124	0143D	0129	N17	E88	.998	12011	2.7	19D	-B	2 C		.45			
GRP45849	27	0220	0238	0225	S06	E44	.717	12005	30.4	18	--F			.69			3 3 3 6
MANI	27	0218	0245	0226	S06	E43	.705	12005	30.3	27	-F	2 C	0226	.62	.91		
PALE	27	0222	0236	0224	S04	E45	.722	12005	30.5	14	-F	2 C		.63			F
MITK	27	0224E	0233	0225	S07	E44	.720	12005	30.4	9D	-N	C	0225	.83	1.20		E
GRP45853	27	0547	0558	0549	S14	W04	.366	12002	26.9	11	--F			.51			4 4 4 7
TEHR	27	0545	0555	0547	S14	W05	.369	12002	26.9	10	-F	3 V		.19			F
ATHN	27	0547	0558	0549	S14	W02	.361	12002	27.1	11	-N	3 C		.50			DE
MANI	27	0548E	0603	0551	S14	W04	.366	12002	26.9	15D	-F	1 C	0551	.72	.78		
MITK	27	0548	0555	0550	S15	W03	.379	12002	27.0	7	-F	C	0550	.62	.60		E
GRP45856	27	0935	0955	0940	S07	E38	.649	12005	30.2	20	--N			.40			2 1 1 7
CATA	27	0935	0955	0940	S07	E38	.649	12005	30.2	20	-N	C	0940	.40	.53	(170)	
ARCE	27	0951E	1000D		S05	E40	.665	12005	30.4	9D	-F	C	0955	.42	.50		
GRP45858	27	1017	1044	1022	N14	E81	.984	12011	2.5	27	1N			1.67			5 5 5 6
CATA	27	1015	1040	1020	N14	E85	.994	12011	2.8	25	1B	C	1020	1.27		(211)	
CANR	27	1016	1037	1025	N11	E83	.990	12011	2.7	21	1F	2 C	1025	.54			
WEND	27	1018E	1054	1022	N16	E80	.980	12011	2.4	36D	1N	V		5.16			
ATHN	27	1018	1037	1023	N14	E79	.977	12011	2.4	19	-N	3 C		.66			F
TEHR	27	1018E	1050	1022	N13	E80	.981	12011	2.4	32D	-N	3 V		.73			F

20
Aug 72

SOLAR FLARES

Confirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION				DURATION	IMPOR-	OBS.	MEASUREMENTS				REMARKS
	DATE	START	END	MAX. PHASE	APPROX. LAT.	CENTRAL MER. DIST.	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ho	
1972 AUG																
GRP45860	27	1124	1129	1125	N17	E77	.968 12011	2.3	5	-N			.43			3 3 3 6
RAMY	27	1121	1126	1124	N17	E79	.976 12011	2.4	5	-F	2 C		.28			DE
RAMY	27	1122E	1128		N16	E80	.980 12011	2.5	6D	-F	2 V					DE
CAPS	27	1124E	1130D		N18	E75	.959 12011	2.1	6D	-N	3 V	1125	.50			C
CATA	27	1125	1130	1125	N16	E76	.964 12011	2.2	5	-N	C	1125	.52			(162)
GRP45863	27	1715	1730	1718	N17	E76	.964 12011	2.4	15	-F			.47			3 3 3 6
PALE	27	1712	1731	1717	N17	E76	.964 12011	2.4	19	-N	3 C		.45			
RAMY	27	1716	1731	1718	N17	E76	.964 12011	2.4	15	-F	3 C		.37			DE
BOUL	27	1718	1728	1720	N17	E77	.968 12011	2.5	10	-F	3 V	1720	.60	1.90		
GRP45864	27	1746	1814	1805	N17	E77	.968 12011	2.5	28	-N			.55			4 4 4 5
PALE	27	1745	1811	1804	N17	E78	.972 12011	2.6	26	1B	4 V		.93			
PALE	27	1745	1811	1747	N17	E78	.972 12011	2.6	26	-N	4 V		.31			
HUAN	27	1746	1810	1805U	N17	E77	.968 12011	2.5	24	-N	1 C	1805	.31			
RAMY	27	1750E	1811	1803	N17	E76	.964 12011	2.4	21D	-N	2 C		.37			DE
BOUL	27	1808E	1823	1808U	N17	E77	.968 12011	2.5	15D	-F	3 V	1810	.60	1.90		
27 2033 2107 NO FLARE PATROL																
27 2220 2230 NO FLARE PATROL																
GRP45867	28	0105	0129	0115	S18	W01	.425 12002	28.0	24	--F			.75			2 2 2 4
MANI	28	0105	0130	0111	S18	W01	.425 12002	28.0	25	-F	2	0111	.93	1.03		
PALE	28	0118E	0127	0119U	S18	W01	.425 12002	28.0	9D	-F	2 V		.57			F
GRP45870	28	0420	0445	0425	S17	W04	.414 12002	27.9	25	-N			1.61			3 3 3 4
VORO	28	0420	0449	0425	S17	W04	.414 12002	27.9	29	1N	C	0425	2.03	2.20		65 D
TACH	28	0420	0440	0425	S17	W04	.414 12002	27.9	20	-N	C	0425	2.09	2.32		60 E
CRON	28	0426E	0447		S17	W03	.411 12002	28.0	21D	-N	3 V		.70			
CRON	28	0426E	0447		S17	W03	.411 12002	28.0	21D	-N	3 V		.70			
GRP45875	28	0809	0827	0818	S07	W27	.506 12015	26.3	18	--N			.32			7 6 5 10
ATHN	28	0809	0826	0811	S07	W28	.519 12015	26.2	17	-N	3 C		.33			DE
ISTA	28	0809	0821		S06	W25	.472 12015	26.5	12	-N						D
CAPS	28	0810E	0831D		S07	W27	.506 12015	26.3	21D	-N	2 V	0821	.40	.50		C
CRON	28	0814E	0824	0816U	S07	W26	.493 12015	26.4	10D	-N	3 V	0816	.30			
CRON	28	0814E	0824	0816	S07	W26	.493 12015	26.4	10D	-N	3 V	0816	.30			
ARCE	28	0815E	0824D		S08	W27	.513 12015	26.3	9D	-B	C	0815	.36	.40		
MONT	28	0821E	0830	0821	S09	W26	.508 12015	26.4	9D	-N	C	0821	.21			
CATA	28	0825E	0835D	0825	S07	W28	.519 12015	26.3	10D	-N	P	0825	.29	.33		(162)
3 STATIONS REPORTING GROUP 45877. 5 STATIONS OBSERVING AND NOT REPORTING.																
GRP45877	28	0859	0913	0903	N14	E68	.921 12011	2.5	14	--N			.36			3 3 3 8
CRON	28	0859E	0909	0900	N14	E68	.921 12011	2.5	10D	-N	3 V	0900	.55			
CRON	28	0859E	0929	0900	N14	E68	.921 12011	2.5	30D	-N	3 V	0900	.55			
ARCE	28	0900E	0915D		N16	E67	.914 12011	2.4	15D	-N	P	0900	.20	.50		H
ATHN	28	0905E	0915	0905U	N13	E68	.921 12011	2.5	10D	-F	3 V		.33			DE
877 ARCE	28	0850E	0905D		N20	E71	.938 12011	2.7	15D	*-F	C	0855	.06			8
GRP45879	28	0947	0953	0948	S15	W19	.485 12002	27.0	6	--F			.47			4 4 3 6
CATA	28	0945	0950	0945	S15	W20	.495 12002	26.9	5	-N	C	0945	.58	.66		(151)
CAPS	28	0947	0955D		S13	W18	.453 12002	27.1	8D	-F	3 V	0948	.50	.60		
ATHN	28	0947E	0954	0948	S16	W20	.507 12002	26.9	7D	-N	3 V		.33			DE
ISTA	28	0947	0951		S17	W18	.499 12002	27.1	4	-F						E
GRP45880	28	1015	1044	1025	S07	W29	.533 12015	26.3	29	--F			.56			2 2 2 4
CATA	28	1015	1040D	1025	S06	W28	.513 12015	26.3	25D	-N	P	1025	.46	.54		(162)
ATHN	28	1024E	1044	1024U	S08	W29	.539 12015	26.3	20D	-F	3 V		.66			DE
5 STATIONS REPORTING GROUP 45881. 0 STATIONS OBSERVING AND NOT REPORTING.																
GRP45881	28	1105	1210	1112	S03	W54	.817 12001	24.4	65	1N			2.69			4 4 3 5
CANR	28	1105	1205	1112	S02	W53	.806 12001	24.5	60	1N	2 C	1112	1.72	2.21		
MONT	28	1108E	1141D	1112	S04	W52	.799 12001	24.6	33D	1B	C	1112	4.54			H
RAMY	28	1109E	1113D		S03	W56	.837 12001	24.3	4D	-F	2 V					DE
ATHN	28	1110E	1214	1113	S04	W54	.819 12001	24.4	64D	1N	3 V		1.82			F
45881	28	1110	1200	1130	S02	W53	.806 12001	24.5	50	*1N			2.02			2 1 1 5
CATA	28	1110E	1200D	1130	S02	W53	.806 12001	24.5	50D	1N	P	1130	2.02	3.37		(204)
RAMY	28	1149E	1158	1150	S03	W56	.837 12001	24.3	9D	-N	2 C		.56			DE
GRP45883	28	1130	1151	1137	N14	E66	.907 12011	2.4	21	-N			1.04			5 5 5 5
ATHN	28	1129E	1151	1142	N12	E67	.914 12011	2.5	22D	-N	1	1143	.85	1.31		
CANR	28	1130	1150	1133	N14	E65	.900 12011	2.4	20	-N	3 V		.50	1.10		
CATA	28	1130	1145D	1140	N14	E65	.900 12011	2.4	15D	1N	P	1140	1.27	3.02		(186)
MONT	28	1130	1141D	1132	N15	E68	.920 12011	2.6	11D	-B	C	1132	1.86			
RAMY	28	1137E	1152D	1140	N15	E66	.907 12011	2.4	15D	-N	2 C		.74			DE

SOLAR FLARES

Confirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION				DURATION	IM-POR-	OBS.	MEASUREMENTS				REMARKS					
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMATH PLAGE REGION				CMP DAY	TANCE	COND.	TYPE		TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hg	MAX. INT. %
					LAT.	MER. DIST.															
1972 AUG																					
GRP45885	28	1404	1413	1407	N17	E64	.892	12011	2.4	9	--N			.46				6 6 6 8			
MCHA	28	1402	1414	1407	N17	E65	.899	12011	2.5	12	-N	C	1407	.41	1.00			E			
HTPR	28	1403	1413	1408	N18	E65	.899	12011	2.5	10	-F	C	1408	.31	.70						
HUAN	28	1404	1412	1407	N18	E65	.899	12011	2.5	8	-N	1 C	1407	.31							
ATHN	28	1404E	1414	1409	N15	E64	.892	12011	2.4	100	-N	1	1409	.52	.78						
CATA	28	1405	1410	1405	N16	E63	.884	12011	2.3	5	-N	C	1405	.63	1.41			(182)			
BOUL	28	1405	1414	1408	N17	E62	.876	12011	2.2	9	-F	3 V	1408	.60	1.20						
GRP45886	28	1407	1427	1411	N12	E52	.782	12007	1.5	20	--F			.49				5 5 4 9			
BOUL	28	1406	1434	1412	N14	E52	.782	12007	1.5	28	-F	3 V	1412								
MCHA	28	1407	1425	1412	N12	E51	.771	12007	1.4	18	-N	C	1412	.41	.70			E			
HUAN	28	1407	1420U	1411U	N13	E51	.771	12007	1.4	13D	-F	1 C	1411	.52	.80			E			
HTPR	28	1407	1421	1411	N13	E52	.782	12007	1.5	14	-F	C	1411	.52	.80						
ATHN	28	1409E	1426	1409	N08	E52	.783	12007	1.5	170	-N	1	1409	.52	.64						
GRP45888	28	1500	1521	1504	N15	E63	.884	12011	2.4	21	-N			.78				4 4 3 7			
BOUL	28	1458	1527	1506	N14	E62	.876	12011	2.3	29	-N	3 V									
RAMY	28	1500E	1511	1502U	N16	E65	.899	12011	2.5	11D	-N	4 V		.66				DE			
MCHA	28	1500	1527		N14	E63	.884	12011	2.3	27	-N	C	1504	.41	1.00			E			
LOCA	28	1500E	1520	1503	N14	E63	.884	12011	2.3	20D	1N	V	1503	1.26	3.20						
GRP45890	28	1640	1658	1645	S25	E90	1.001	12014	4.4	18	-B							2 2 0 4			
MCHA	28	1640	1655	1646	S27	E89	1.001	12014	4.4	15	-N	C	1646					D			
RAMY	28	1644E	1700D	1644U	S22	E90	1.001	12014	4.4	16D	-B	3 V									
GRP45891	28	1659	1728	1708	N14	E62	.876	12011	2.4	29	-N			.58				5 5 4 6			
MCHA	28	1656	1730	1707	N14	E61	.868	12011	2.3	34	-N	C	1707	.52	1.10			E			
BOUL	28	1702	1732	1708	N14	E62	.876	12011	2.4	30	-N	3 V									
RAMY	28	1703E	1725	1704	N15	E62	.876	12011	2.4	22D	-N	3 V		.46				DE			
HUAN	28	1709E	1728		N14	E64	.892	12011	2.5	19D	-N	1 P	1709	.52	1.04			E			
PALE	28	1710E	1724	1711U	N15	E60	.859	12011	2.2	14D	-N	3 V		.83				DE			
GRP45894	28	1948	2015	1951	S07	E20	.414	12005	30.3	27	--F			.31				2 1 1 4			
MCHA	28	1948	2015	1951	S07	E20	.414	12005	30.3	27	-F	C	1951	.31	.30			D			
HUAN	28	2003E	2017		S06	E21	.418	12005	30.4	14D	-F	1 C	2005	.26	.28						
GRP45895	28	2021	2045	2034	N14	E60	.859	12011	2.3	24	--N			.36				3 3 3 4			
RAMY	28	2016	2046	2032	N15	E60	.859	12011	2.3	30	-N	3 V		.46				DE			
HUAN	28	2016	2024	2017	N15	E62	.876	12011	2.5	8	-F	1 C									
MCHA	28	2031	2044	2035	N14	E58	.842	12011	2.2	13	-N	C	2035	.21	.40			E			
HUAN	28	2032	2032D		N14	E61	.868	12011	2.4		-F	1 P	2032	.41	.81			E			
	28	2223	2241	NO FLARE PATROL																	
896 PALE	29	0123	0130	0123	S07	E12	.318	12005	30.0	7	--N	3 C		.55				F	3		
GRP45897	29	0150	0226	0153	S08	W35	.616	12015	26.5	36	-B			.96				3	2 2 4		
PALE	29	0150	0203	0151	S08	W35	.616	12015	26.5	13	-N	3 C		.45				F			
VORO	29	0150	0248	0154	S08	W34	.604	12015	26.5	58	-B	C	0154	1.47	1.89			73	EJ		
KODA	29	0211	0233	0221	S08	W38	.653	12015	26.2	22	1B	P	0219	2.98	3.00	1.40					
GRP45898	29	0240	0255	0242	N16	E57	.833	12011	2.4	15	-B			.96				3 3 3 4			
PALE	29	0204	0300	0242	N16	E56	.823	12011	2.3	56	-B	2 C		.91				F			
CRON	29	0240	0252	0241	N14	E57	.832	12011	2.4	12	-B	3 V	0241	.60							
CRON	29	0240	0252	0241	N14	E57	.832	12011	2.4	12	-B	3 V	0241	.60							
VORO	29	0241	0252	0242	N18	E58	.843	12011	2.5	11	1B	C	0242	1.38	2.57			91	E		
GRP45901	29	0456	0514	0501	S06	E10	.284	12005	30.0	18	--F			.93				3 2 2 5			
ABST	29	0455E	0518	0459	S05	E09	.260	12005	29.9	23D	-F	P	0459	1.35	1.40			65	E		
CRON	29	0456	0503	0457	S06	E11	.294	12005	30.0	7	-N	3 V	0457	.50							
CRON	29	0456	0503	0457	S06	E11	.294	12005	30.0	7	-N	3 V	0457	.50							
ATHN	29	0506E	0520	0506	S06	E12	.305	12005	30.1	14D	-F	1	0506	.68	.64						
GRP45904	29	0745	0806	0750	N15	E79	.977	12011	4.2	21	--F			.74				4 3 2 10			
ISTA	29	0740	0800		N16	E78	.973	12011	4.2	20	-F							D			
ATHN	29	0746E	0808	0746	N13	E80	.981	12011	4.3	22D	-F	1	0746	.34	.74						
MONT	29	0749	0812	0754	N15	E80	.980	12011	4.3	23	-N	C	0754	1.13							
CRON	29	0756E	0802		N14	E74	.955	12011	3.9	6D	-F	3 V		.70							
CRON	29	0756E	0802		N14	E74	.955	12011	3.9	6D	-F	3 V		.20							
GRP45905	29	0747	0816	0759	S13	W38	.679	12002	26.5	29	-N			.97				3 3 3 9			
MONT	29	0746E	0829	0759	S14	W39	.696	12002	26.4	43D	-B	C	0759	.72							
ABST	29	0747	0758D	0758	S13	W40	.701	12002	26.3	11D	1F	P	0758	1.80	2.50			66	E		
CRON	29	0756E	0803		S12	W35	.639	12002	26.7	7D	-F			.40							
CRON	29	0756E	0803		S12	W35	.639	12002	26.7	7D	-F	3 V		.40							

22
Aug 72

SOLAR FLARES

Confirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS		
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H _g		MAX. INT. %	
					LAT.	MER. DIST.													
GRP45906	29	0809	0834	0815	S26	E74	.982	12014	3.9	25	-B						10 10 7 11		
ZURI	29	0808	0836	0816	S26	E69	.964	12014	3.5	28	-B								
MONT	29	0808	0844	0817	S28	E78	.992	12014	4.2	36	-B								
CANR	29	0809	0830	0815	S27	E73	.979	12014	3.8	21	-N	3	V		1.30				
CRON	29	0809E	0834	0810	S25	E78	.991	12014	4.2	25D	-B								
CRON	29	0809E	0834	0810	S25	E78	.991	12014	4.2	25D	-B	3	V						
BUGA	29	0810	0830		S25	E73	.978	12014	3.8	20	-N		C						
ONDR	29	0810E	0826		S27	E75	.985	12014	4.0	16D	1B		V		3.50		CE		
ISTA	29	0810	0825		S24	E73	.977	12014	3.8	15	-N						E		
UPIC	29	0811	0841	0817	S26	E78	.991	12014	4.2	30	1B		C						
ATHN	29	0812E	0838	0815	S27	E72	.976	12014	3.7	26D	-N	1	C		0815	.52	1.26		
HTPR	29	0815E	0835D	0815	S28	E75	.986	12014	4.0	20D	-N		C		0815	.21			E
GRP45907	29	0814	0908	0820	S12	W40	.696	12015	26.3	54	--F							6 5 4 11	
MONT	29	0753	0925	0826	S09	W41	.694	12015	26.3	92	-N		C		0826	1.13			
ZURI	29	0810	0912	0820	S11	W41	.703	12015	26.3	62	-N		C		0820	.99	1.30		
ATHN	29	0813E	0847	0813	S14	W40	.707	12015	26.3	34D	-F	1	C		0813	.68	.76		
HTPR	29	0815E	0835D	0823	S14	W39	.696	12015	26.4	20D	-F		C		0823	.21	.30		
UPIC	29	0816	0907	0820	S14	W38	.685	12015	26.5	51	-F		C						
KODA	29	0828E	0833D	0833	S07	W38	.649	12015	26.5	5D	-N		V		0828	1.71	1.70	1.40	D
GRP45910	29	0955	1003	0958	N14	E54	.803	12011	2.5	8	--N								3 3 2 7
ZURI	29	0955	1004	0958	N15	E51	.772	12011	2.2	9	-N		C		0958	.53	.80		
ATHN	29	0956E	1003	0957	N13	E54	.803	12011	2.5	7D	-N	1	C		0957	.52	.78		
ONDR	29	0956E	1002		N14	E56	.823	12011	2.6	6D	-N		V		0958		2.00		CD
GRP45914	29	1142	1224	1145	N11	W83	.990	11994	23.3	42	-N								6 5 3 10
RAMY	29	1141	1205	1145	N11	W83	.990	11994	23.3	24	-N	3	C			.42			DE
CAPS	29	1142E	1215D		N12	W80	.981	11994	23.5	33D	-B	3	S		1142	.50			D
MCMA	29	1143	1215	1145	N11	W88	.998	11994	22.9	32	-N		C		1145				
ATHN	29	1144E	1158D	1146	N11	W78	.974	11994	23.6	14D	-B	1			1146	.52	.99		D
KHAR	29	1145E	1212		N12	W87	.997	11994	23.0	27D	1N		V						D
ONDR	29	1159E	1224		N08	W90	1.000	11994	22.7	25D	-B		V		1207		2.80		CD
GRP45915	29	1231	1251	1234	N14	E79	.977	12011	4.4	20	--N								5 5 5 5
MCMA	29	1230	1253	1235	N14	E81	.984	12011	4.6	23	-N		C		1235	.33			D
CANR	29	1231	1257	1232	N15	E77	.969	12011	4.3	26	-N	3	V		1233	.40	1.40		
ZURI	29	1232	1250	1234	N15	E78	.973	12011	4.4	18	-N		C		1234	.53			
ATHN	29	1233E	1244	1234	N13	E78	.973	12011	4.4	11D	-B	1	C		1234	.34	.66		
RAMY	29	1236E	1236D	1236U	N15	E80	.980	12011	4.5		-N	1	C			.15			DE
GRP45916	29	1243	1303	1252	N13	E53	.793	12011	2.5	20	--N								3 3 2 5
MCMA	29	1243	1308	1250	N14	E52	.782	12011	2.4	25	-F		C		1250	.39	.40		D
ONDR	29	1245E	1255		N14	E54	.803	12011	2.6	10D	-N		V		1251	.26	2.30		E
ATHN	29	1253E	1306	1253	N12	E53	.792	12011	2.5	13D	-N	1			1253	.52	.64		
GRP45917	29	1310	1351	1318	N14	E77	.969	12011	4.3	41	--F								4 3 3 6
MCMA	29	1302	1352		N14	E80	.980	12011	4.5	50	-F		C		1320	.81			E
ATHN	29	1312E	1346D	1317	N13	E77	.969	12011	4.3	34D	-F	1			1317	1.02	1.96		
CANR	29	1315	1350	1319	N15	E75	.960	12011	4.2	35	1N	2	V		1318	.80	2.40		
HUAN	29	1328	1335D		N16	E78	.973	12011	4.4	7D	-F	1	P		1333	.21			D
GRP45918	29	1344	1403	1347	N14	E51	.772	12011	2.4	19	-N								7 7 6 8
ONDR	29	1342E	1356D		N14	E53	.793	12011	2.5	14D	1N		V		1347	.69	2.30		
MCMA	29	1344	1406	1346	N14	E51	.772	12011	2.4	22	-B		C		1346	.52	.80		E
CANR	29	1344	1405	1347	N13	E52	.782	12011	2.5	21	-N	2	C		1347	.86	1.37		
ZURI	29	1344	1400	1348	N14	E51	.772	12011	2.4	16	-N		C		1348	.79	1.20		
RAMY	29	1345E	1402	1345U	N16	E48	.740	12011	2.2	17D	-N	1	V			.72			DE
CATA	29	1345E	1400D	1345	N13	E50	.760	12011	2.3	15D	-B		P		1345	.58	.90		(214)
ATHN	29	1346E	1403D	1348	N13	E53	.793	12011	2.5	17D	-N	1			1348	.68	.84		
GRP45919	29	1403	1411	1404	N19	E54	.806	12011	2.6	8	--N								5 5 5 5
ZURI	29	1402	1408	1404	N20	E54	.807	12011	2.6	6	-N		C		1404	.34	.90		
ATHN	29	1402E	1413	1404	N17	E56	.824	12011	2.8	11D	-N	1			1404	.34	.43		E
MCMA	29	1402	1407	1403	N18	E54	.805	12011	2.6	5	-B		C		1403	.21	.30		
RAMY	29	1404E	1414	1404	N19	E53	.796	12011	2.6	10D	-F	2	V			.31			DE
CANR	29	1404	1413	1406	N20	E55	.817	12011	2.7	9	-N	2	V		1406	.30	.50		
GRP45921	29	1518	1529	1520	N13	E33	.544	12007	1.1	11	--F								4 4 4 7
HUAN	29	1516	1517D		N13	E33	.544	12007	1.1	10	-F	2	P		1517	.54	.49		E
MCMA	29	1516	1530D	1517	N13	E33	.544	12007	1.1	14D	-F		C		1517	.41	.50		E
RAMY	29	1518E	1533	1520	N14	E32	.532	12007	1.0	15D	-F	3	V			.72			DE
CATA	29	1520	1525	1520	N13	E32	.530	12007	1.0	5	-N		C		1520	.63	.75		(178)
GRP45923	29	1655	1708	1655	N15	E54	.803	12011	2.8	13	--F								2 2 2 4
HUAN	29	1654	1658	1655	N15	E54	.803	12011	2.8	4	-F	2	C		1655	.41	.34		D
CANR	29	1656	1717		N15	E53	.793	12011	2.7	21	-N	2	V		1658	.60	.80		

SOLAR FLARES

Confirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION					DURATION	IM-POR.	OBS.	MEASUREMENTS				REMARKS		
	DATE	START	END	MAX. PHASE	APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				MIN.	TANCE COND.	TYPE	TIME UT		MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.
1972 AUG																			
GRP45925	29	1735	1748	1738	N19	E52	.786	12011	2.6	13	--N			.56				3 3 3 4	
MCHA	29	1734	1742	1738	N18	E52	.785	12011	2.6	8	-N	C	1738	.41	.70			E	
RAMY	29	1735E	1739D	1738U	N19	E51	.776	12011	2.6	40	-N	2 V		.67				DE	
CANR	29	1735	1754	1738	N20	E53	.797	12011	2.7	19	-N	2 V	1738	.60	.80				
GRP45926	29	1748	1755	1752	N19	E54	.806	12011	2.8	7	--N			.41				2 2 2 3	
MCHA	29	1748	1755	1751	N18	E52	.785	12011	2.6	7	-N	C	1751	.41	.70			E	
PALE	29	1752E	1755	17533	N20	E55	.817	12011	2.9	30	-N	3 V		.41				F	
GRP45927	29	1815	1836	1821	S12	E01	.328	12005	29.8	21	--F			.51				2 2 2 3	
MCHA	29	1810	1845	1820	S12	E00	.328	12005	29.8	35	-F	C	1820	.52	.50			E	
CANR	29	1820	1826	1822	S12	E01	.328	12005	29.8	6	-N	2 V	1822	.50	.50				
928	MCHA	29	1835	1843	1839	N15	E55	.813	12011	2.9	8	--N	C	1839	.26	.40			D 2
929	MCHA	29	2116	2122	2117	N11	E72	.946	12011	4.3	6	--N	C	2117	.21	.60			D 1
GRP45932	30	0500	0516	0503	N16	E54	.804	12011	3.3	16	--F			.97				3 3 3 7	
CRON	30	0500E	0508	0501	N17	E56	.824	12011	3.4	80	-F		0501	.45					
CRON	30	0500E	0508	0501	N17	E56	.824	12011	3.4	80	-F	3 V	0501	.45					
ATHN	30	0501E	0521	0505	N15	E52	.783	12011	3.1	200	-F	3 V		.83				DE	
ATHN	30	0501E	0521	0505	N15	E52	.783	12011	3.1	200	-F	1 V		.83				F	
ABST	30	0503E	0520D	0503	N15	E54	.803	12011	3.3	170	1F	P	0503	1.62	2.60		83	E	
GRP45934	30	0650	0721	0655	S26	E59	.914	12014	3.7	31	1B			1.91				6 6 5 8	
UPIG	30	0648	0726	0659	S26	E60	.920	12014	3.8	38	1N	C							
ATHN	30	0650E	0717	0655	S27	E60	.923	12014	3.8	27D	-B	3 V		.99				F	
ABST	30	0650	0708D	0654	S28	E59	.920	12014	3.7	180	1B	P	0654	2.79			83	F	
BUCA	30	0650	0724		S24	E59	.909	12014	3.7	34	1N	C	0657	1.10					
WEND	30	0650	0718		S24	E58	.903	12014	3.6	28	1N	V		4.13					
CRON	30	0650	0720	0653	S25	E59	.912	12014	3.7	30	-B		0653	.55					
CRON	30	0650	0720	0653	S25	E59	.912	12014	3.7	30	-B	3 V	0653	.55					
GRP45937	30	0952	1003	0957	N13	E21	.366	12007	1.0	11	--N			.28				3 3 3 7	
HTPR	30	0952	1001	0955	N13	E25	.427	12007	1.3	9	-F	C	0955	.21	.20			D	
CAPS	30	0954E	1003D		N14	E23	.400	12007	1.1	9D	-B	3 V	0954	.30	.30		(240)	C	
ATHN	30	0958E	1004	0959	N13	E16	-.289	12007	31.6	6D	-N	3 V		.33				DE	
GRP45944	30	1217	1226	1221	N17	E52	.784	12011	3.4	9	--N			.30				4 4 3 7	
MCHA	30	1216	1226	1220	N16	E54	.804	12011	3.6	10	-N	C	1220	.26	.40			DH	
RAMY	30	1218	1227	1221U	N17	E50	.763	12011	3.3	9	-N	3 V		.31				DE	
HUAN	30	1218E	1224		N17	E53	.794	12011	3.5	6D	-N	1 C						D	
ATHN	30	1222E	1225	1222	N17	E51	.774	12011	3.3	3D	-N	3	1222	.34	.41				
GRP45945	30	1251	1301	1252	N17	E52	.784	12011	3.4	10	--F			.28				4 4 4 5	
ATHN	30	1247E	1249U	1247	N17	E50	.763	12011	3.3	2D	-F	3	1247	.34	.41				
RAMY	30	1248	1303	1250	N17	E50	.763	12011	3.3	15	-F	3 V		.21				DE	
MCHA	30	1253	1301	1254	N16	E54	.804	12011	3.6	8	-N	C	1254	.26	.40			D	
CANR	30	1255	1300	1255	N17	E53	.794	12011	3.5	5	-N	3 V	1255	.30	.48				
GRP45947	30	1402	1416	1404	N16	E45	.705	12011	3.0	14	--F			.26				2 2 1 5	
MCHA	30	1402	1410	1403	N15	E42	.668	12011	2.7	8	-F	C	1403	.26	.30			E	
BOUL	30	1402	1421	1404	N17	E48	.741	12011	3.2	19	-F	2 V							
GRP45949	30	1433	1449	1439	N14	E19	.340	12007	1.0	16	--B			.56				4 4 3 5	
MCHA	30	1432	1445	1439	N13	E20	.351	12007	1.1	13	-B	C	1439	.41	.40			EV	
BOUL	30	1432	1453	1438	N15	E18	.331	12007	1.0	21	-N	2 V							
CANR	30	1432	1453	1438	N13	E20	.351	12007	1.1	21	-B	3 V	1438	.70	.80				
CANR	30	1432	1453		N13	E19	.335	12007	1.0	21	-N	3 V	1434	.40	.50				
CATA	30	1435	1445	1440	N13	E20	.351	12007	1.1	10	-B	C	1440	.58	.62		(219)		
GRP45950	30	1705	1724	1710	N16	E41	.657	12011	2.8	19	--N			.51				5 5 4 5	
CANR	30	1701	1721	1708	N15	E40	.642	12011	2.7	20	-N	3 V	1708	.80	.90				
RAMY	30	1706	1724	1710	N17	E39	.633	12011	2.6	18	-B	3 V		.41				DE	
MCHA	30	1706	1730	1711	N15	E40	.642	12011	2.7	24	-B	C	1711	.46	.60			E	
BOUL	30	1707	1724	1712	N17	E47	.730	12011	3.2	17	-N	3 V							
HUAN	30	1713E	1721		N16	E41	.657	12011	2.8	8D	-N	2 P	1713	.36	.47				
GRP45951	30	1709	1726	1712	N15	E62	.876	12011	4.4	17	--F			.31				3 3 3 4	
RAMY	30	1709	1739	1712	N16	E61	.868	12011	4.3	30	-F	3 V		.31				DE	
MCHA	30	1709	1721D	1711	N14	E62	.876	12011	4.4	12D	-F	C	1711	.26	.50			E	
HUAN	30	1713E	1718		N15	E62	.876	12011	4.4	5D	-F	2 P	1713	.36	.71			E	

24
Aug 72

SOLAR FLARES

Confirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION				DURATION	IM-POR.	OBS. TANCE COND. TYPE	MEASUREMENTS				REMARKS
	DATE	START	END	MAX. PHASE	APPROX. LAT.	CENTRAL MER. DIST.	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hg	
1972 AUG																
GRP45952	30	1724	1751	1728	N15	E60	.859 12011	4.2	27	-N			.78		6 5 4 6	
RAMY	30	1709	1739	1728	N16	E61	.868 12011	4.3	30	-N	3 V		.62		DE	
HUAN	30	1722	1750	1728	N15	E60	.859 12011	4.2	28	-N	1 C	1728	.67 1.23		E	
MCMA	30	1722	1900D	1727	N14	E62	.876 12011	4.4	98D	-N	C	1822	1.03 2.00		EHLW	
MCMA	30	1722	1900D	1727	N14	E62	.876 12011	4.4	98D	-N	C	1727	.41 .90		EHLW	
PALE	30	1726E	1734D	1727U	N15	E58	.842 12011	4.1	8D	-N	2 V		.72		F	
BOUL	30	1727	1804	1730	N14	E61	.868 12011	4.3	37	-F	3 V				F	
PALE	30	1727E	1731D	1727U	N16	E59	.851 12011	4.2	4D	-N	2 C		.81			
CANR	30	1742	1756		N14	E60	.859 12011	4.2	14	-N	3 V	1747	.60 1.10			
GRP45953	30	1809	1900	1813	N16	E60	.859 12011	4.3	51	--F			.93		2 2 1 4	
RAMY	30	1805E	1845	1810U	N16	E60	.859 12011	4.3	40D	-F	3 V		.93		DE	
BOUL	30	1813	1915	1816	N16	E60	.859 12011	4.3	62	-F	3 V					
GRP45954	30	1820	1831	1822	N16	E39	.631 12011	2.7	11	--F			.29		2 2 2 3	
RAMY	30	1820E	1830	1822U	N17	E39	.633 12011	2.7	10D	-N	3 V		.31		OE	
MCMA	30	1820	1831	1822	N15	E39	.629 12011	2.7	11	-F	C	1822	.26 .40		D	
GRP45955	30	1859	1909	1904	N13	E19	.335 12007	1.2	10	--F			.34		2 2 2 3	
MCMA	30	1859	1910	1903	N13	E17	.304 12007	1.1	11	-N	C	1903	.31 .30		E	
RAMY	30	1902E	1908	1904	N12	E20	.347 12007	1.3	6D	-F	3 V		.36		DE	
4 STATIONS REPORTING GROUP 45956. 0 STATIONS OBSERVING AND NOT REPORTING.																
GRP45956	30	1928	1956	1931	N12	E16	.284 12007	1.0	28	-N			.31		3 3 3 3	
HUAN	30	1928	1948	1930	N13	E18	.320 12007	1.2	20	-N	2 C	1930	.31 .33		K	
MCMA	30	1928	1940	1931	N13	E17	.304 12007	1.1	12	-N	C	1931	.21 .20		E	
RAMY	30	1930E	2000	1932	N12	E20	.347 12007	1.3	30D	-F	3 V		.41		DE	
MCMA	30	1954	2000	1956	N10	E04	.085 12007	31.1	6	-F	C	1956	.31 .30		E	
45956	30	1930	2000	1946	N13	E19	.335 12007	1.2	30	*-F			.83		2 2 1 4	
RAMY	30	1930E	2000	1946	N12	E20	.347 12007	1.3	30D	-F	3 V		.83		DE	
PALE	30	1949E	1953D		N14	E18	.325 12007	1.2	4D	-F	2 C				F	
3 STATIONS REPORTING GROUP 45958. 0 STATIONS OBSERVING AND NOT REPORTING.																
GRP45958	30	1955	2053	2015	N16	E39	.631 12011	2.8	58	-B			.70		2 2 2 2	
RAMY	30	1955	2053	2015	N17	E39	.633 12011	2.8	58	-B	2 V		.57		DE H	
MCMA	30	1955	2052	2014	N15	E39	.629 12011	2.8	57	-B	C	2014	.83 1.10		EHK	
MCMA	30	1955	2052	2025	N15	E39	.629 12011	2.8	57	-B	C	2014	.83 1.10		V	
45958	30	1956	2053	1959	N17	E39	.633 12011	2.8	57	*-N			.34		2 2 2 4	
RAMY	30	1955	2053	1959	N17	E39	.633 12011	2.8	58	-N	2 V		.36		DE H	
HUAN	30	1956	1956D		N16	E39	.631 12011	2.8		-N	1 P	1956	.31 .40			
45958	30	1955	2053	2045	N15	E40	.642 12011	2.8	58	*-B			1.20		2 2 1 4	
MCMA	30	1955	2052	2045	N15	E39	.629 12011	2.8	57	-B	C					
BOUL	30	2034	2054	2045	N15	E40	.642 12011	2.9	20	-B	3 V	2045	1.20 1.50			
GRP45959	30	2143	2152	2149	N14	E17	.310 12007	1.2	9	--N			.23		2 2 2 3	
MCMA	30	2143	2152	2148	N13	E16	.289 12007	1.1	9	-N	C	2148	.26 .30		D	
PALE	30	2149E	2152	2149U	N14	E18	.325 12007	1.3	3D	-N	2 C		.19			
GRP45961	31	0410	0445	0414	N15	E06	.170 12007	31.6	35	1B			2.45		5 5 5 6	
CULG	31	0410	0458	0416	N15	E07	.181 12007	31.7	48	1B	C	0416	2.99 2.90			
ABST	31	0410	0430D	0412	N15	E05	.161 12007	31.5	20D	1N	P	0412	3.16 3.20		74 F	
ABST	31	0410	0430D	0416	N12	E06	.133 12007	31.6	20D	1F	P	0416	3.78 3.80		76 F	
CRON	31	0410	0434	0412	N17	E07	.207 12007	31.7	24	-N	3 V	0412	1.00			
CRON	31	0410	0434	0412	N17	E07	.207 12007	31.7	24	-N		0412	1.00			
PALE	31	0411	0425D	0415	N16	E07	.194 12007	31.7	14D	-B	2 C		1.44		S F	
TACH	31	0411	0444	0413	N14	E06	.157 12007	31.6	33	1B	C	0413	3.65 3.69		152 FY	
GRP45967	31	1204	1214	1206	N17	E34	.568 12011	3.1	10	--N			.57		4 4 4 9	
MCMA	31	1202	1213D	1203	N16	E34	.565 12011	3.1	11D	-N	C	1203	.52 .70		E	
RAMY	31	1205	1213	1207	N16	E35	.579 12011	3.1	8	-F	1 C		.28		DE	
CATA	31	1205	1215	1205	N16	E34	.565 12011	3.1	10	-N	C	1205	.87 1.06		(158)	
ARCE	31	1207E	1207D		N18	E34	.571 12011	3.1		-N	P	1207	.59 .70			
GRP45968	31	1256	1323	1300	N16	E35	.579 12011	3.2	27	--N			.66		5 5 5 7	
CATA	31	1255	1305D	1255	N15	E34	.562 12011	3.1	10D	-N	P	1255	.69 .85		(199)	
MCMA	31	1256	1325	1300	N16	E34	.565 12011	3.1	29	-N	C	1300	.62 .80		E	
ZURI	31	1300E	1322	1300	N16	E37	.605 12011	3.3	22D	-N	P	1300	.61 .80			
ATHN	31	1302E	1312D	1302U	N17	E35	.581 12011	3.2	10D	-N	2 V		.66		DE	
RAMY	31	1305E	1322	1305U	N16	E36	.592 12011	3.2	17D	-F	2 C		.74		DE	
7 STATIONS REPORTING GROUP 45972. 1 STATIONS OBSERVING AND NOT REPORTING.																
GRP45972	31	1610	1633	1614	N18	E38	.623 12011	3.5	23	-B			1.18		5 5 4 7	
BOUL	31	1609	1630	1614	N19	E37	.613 12011	3.4	21	-N	3 V	1614	.95 1.10			
CANR	31	1610	1630	1615	N17	E38	.621 12011	3.5	20	-N	2 C	1615	1.08 1.70			
ZURI	31	1611	1630	1612	N18	E40	.648 12011	3.7	19	-B	C	1612	1.67 2.10			
UPIG	31	1611	1635D	1614	N18	E38	.623 12011	3.5	24D	1B	C					
MCMA	31	1611	1640	1614	N19	E38	.626 12011	3.5	29	-B	C	1614	1.03 1.40		EH	

SOLAR FLARES Confirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS		
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hc		MAX. INT. %	
					LAT.	MER. DIST.													
	1972																		
	AUG																		
45972	31	1622	1636	(1625)	N19	E41	.663	12011	3.8	14	*-N						2 2 1 6		
WEND	31	1622E	1637D		N18	E44	.697	12011	4.0	15D	-N								
HUAN	31	1624E	1635		N19	E37	.613	12011	3.5	11D	-N	1	P	1625	.31	.39			
973	HUAN	31	1943	2002	U	N15	E47	.728	12011	4.3	19D	--F	1	C				3	
974	HUAN	31	1952	2001		N18	W04	.200	12007	31.5	9	--F	1	C	1954	.21	.21	D	3
GRP45975	31	2137	2201	2149		N16	E47	.729	12011	4.4	24	-N				.91		2 2 2 2	
MCM	31	2127E	2201D		N15	E47	.728	12011	4.4	34D	-N	P		2151	.83	1.30		E	
PALE	31	2146	2151D	2149	N17	E47	.730	12011	4.4	50	-N	2	C		.99			U F	
	31	2201	2215		NO FLARE PATROL														
	31	2216	2234		NO FLARE PATROL														
976	PALE	31	2236	2242	2237	N17	E20	.372	12011	2.4	6	--F	2	V		.21			2
GRP45977	31	2346	0024	2354	S26	E37	.753	12014	3.8	38	1N				1.67			3 3 3 4	
CULG	31	2345	0044	2350	S28	E38	.775	12014	3.8	59	1B		C	2350	2.37	3.45		RU	
GRON	31	2346	2359D	2359	S25	E36	.738	12014	3.7	13D	-F				.60				
VORD	31	2348	0003	2352	S26	E38	.762	12014	3.8	15	1N		C	2352	2.03	3.02		73 E	

"Remarks":

- | | |
|---|---|
| <p>A = Eruptive prominence, base at >90°.
 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 spots visible in the neighborhood.
 H = Flare with high velocity dark surge.
 I = Very extensive active region.
 J = Flare with flare shows marked intensity variations.
 K = Several intensity maxima.
 L = Filaments show effects of sudden activation.
 M = White-light flare.</p> | <p>N = Continuous spectrum shows effects of polarization.
 O = Observations have been made in the calcium II lines H or K.
 P = Flare shows helium D₃ in emission.
 Q = Flare shows the Balmer continuum in emission.
 R = Marked asymmetry in Hα line.
 S = Brightening follows disappearance of filament (same position).
 T = Region active all day.
 U = Close and somewhat parallel bright filaments (or Y shape).
 V = Occurrence of an explosive phase.
 W = Great increase in area after time of maximum intensity.
 X = Unusually wide Hα emission.
 Y = Onset of a system of loop-type prominences.
 Z = Major sunspot umbra covered by flare.</p> |
|---|---|

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.

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
720801	79.79	22.3	720811	41.76	24.0	720822	90.93	24.0
720802	628.19	22.5	720812	6.74	24.0	720823	74.37	23.3
720803	23.68	23.5	720813	0.61	24.0	720824	253.38	23.3
720804	1275.77	23.8	720815	7.34	24.0	720825	70.66	24.4
720805	0.00	23.5	720816	30.36	23.8	720826	7.75	23.4
720806	11.88	23.7	720817	3.98	23.4	720827	20.09	23.3
720807	1813.81	23.6	720818	10.06	24.0	720828	63.41	23.7
720808	2.76	23.2	720819	44.92	24.0	720829	19.30	24.0
720809	4.36	23.3	720820	26.50	22.9	720830	25.56	24.0
720810	31.07	23.3	720821	9.34	24.0	720831	58.12	23.5

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

SOLAR FLARES Unconfirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IM-POR-TANCE	OBS.		MEASUREMENTS					REMARKS	
	AUG	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMATH PLAGE REGION			CMP DAY	COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H _g		MAX. INT. %
					LAT.	MER. DIST.													
536 CATA	05	1245	1310	1245	N17	W08	.233	11976	4.9	25	-N	C	1245	.58	.60	(186)	7		
537 BOUL	05	1351	1400	1355	S13	W84	.997	11970	30.3	9	-F	2 V	1355	.30	.90		8		
GRP45538	05	1426	1434	1428	N16	W14	.292	11976	4.6	8	-F			.53			2 2 2 7		
BOUL	05	1426	1432	1429	N16	W13	.278	11976	4.6	6	-F	2 V	1429	.60	1.00				
RAMY	05	1426	1435	1427	N15	W14	.282	11976	4.6	9	-F	3 C		.46			DE		
539 ATHN	05	1555E	1604	1557	S10	W88	1.000	11970	30.1	90	-N	2 V					DE 6		
GRP45540	05	1651	1700	1655	N12	W10	.200	11976	5.0	9	-F			.20			2 2 2 6		
HTPR	05	1651	1700	1655	N10	W10	.185	11976	5.0	9	-F	C	1655	.10	.10				
CANR	05	1651	1659		N14	W10	.219	11976	5.0	8	-N	2 V		.30	.30				
541 PALE	05	1727	1738	1731	N16	W17	.332	11976	4.5	11	-N	2 C		.36			F 5		
542 PALE	05	1811	1832	1814U	S17	W68	.946	11974	31.7	21	-N	2 C		.55			F 5		
544 RAMY	05	2114E	2125		S12	W86	.999	11970	30.4	110	-N	3 V					DE 3		
548 ATHN	06	0446	0458	0449	N11	W17	.301	11976	4.9	12	-N	2 C		.50			DE 5		
549 HTPR	06	0520	0540	0522	S08	W31	.559	11979	3.9	20	-F	C	0522	.21	.20		D 6		
551 KODA	06	0648	0700	0651	S19	W69	.953	11974	1.1	12	1N	V	0648	2.41	2.30	1.44	D 9		
GRP45552	06	0725	0730	0726	N14	W20	.362	11976	4.8	5	-F			.20			2 2 2 9		
TEHR	06	0724	0729	0726	N14	W18	.332	11976	5.0	5	-F	3 V		.69			DE		
HTPR	06	0725	0731	0726	N13	W21	.372	11976	4.7	6	-F	C	0726	.31	.30		D		
556 HTPR	06	0955	1030	1007	S17	W80	.991	11970	31.4	35	-N	C	1007	.62			8		
557 CANR	06	1015	1110	1025	S17	W77	.983	11974	31.7	55	-N	2 V		.60	2.00		8		
558 HTPR	06	1132	1135	1133	N18	W21	.402	11976	4.9	3	-F	C	1133	.31	.30		7		
560 HTPR	06	1235	1247	1242	S17	W83	.996	11970	31.3	12	-F	C	1242	.21			8		
561 HTPR	06	1252	1320	1305	S08	W37	.636	11979	3.8	28	-F	C	1305	.10	.10		9		
GRP45562	06	1428	1437	(1434)	N12	W21	.367	11976	5.0	9	-F			.34			2 2 2 8		
HTPR	06	1428	1435D		N12	W20	.352	11976	5.1	70	-F	C	1432	.31	.30				
HUAN	06	1435E	1437D		N11	W22	.379	11976	5.0	20	-N	1 P	1435	.36	.39				
568 PALE	06	2234	2248	2237	N11	W27	.456	11976	4.9	14	-N	3 V		.52			4		
571 MONT	07	0737	0744	0739	S17	W90	1.000	11974	31.6	7	-F	C	0739	.10			9		
572 ARCE	07	0759E	0818D		S18	W90	1.001	11974	31.6	190	-N	C	0811	.20			14		
GRP45573	07	0845	0905	0851	N10	W32	.528	11976	5.0	20	-F			.26			2 2 2 11		
MONT	07	0844	0859	0846	N10	W34	.557	11976	4.8	15	-N	C	0846	.41					
HTPR	07	0845	0910	0855	N10	W30	.499	11976	5.1	25	-F	C	0855	.10	.10				
574 MONT	07	1019	1023	1021	N18	W37	.615	11976	4.7	4	-F	C	1021	.21			9		
GRP45576	07	1032	1103	1036	N13	W35	.576	11976	4.8	31	1F			4.06			2 2 1 9		
ONDR	07	1030E	1103D		N13	W36	.589	11976	4.7	33D	1N	V	1030			2.50	CEFIJ		
ABST	07	1033	1038D	1036	N17	W35	.586	11976	4.8	50	1F	P	1036	2.17	2.60		EJ		
ABST	07	1033	1038D	1036	N10	W34	.557	11976	4.9	50	1F	P	1036	1.89	2.30		EJ		
581 PALE	07	1724	1730	1725	S04	W57	.846	11979	3.5	6	-N	3 C		.24			6		
583 MITK	07	2323E	2329D		N12	W44	.692	11976	4.7	60	-N	C	2323	1.13	1.60		E 6		
587 ABST	08	0502	0518	0506	S05	W87	.999	11975	1.7	16	-F	C	0506	.54			54 ADJ 9		
588 HTPR	08	0534	0542	0537	S10	W59	.874	11979	3.8	8	-F	C	0537	.21	.40		9		
GRP45590	08	0625	0636	0627	S02	W65	.909	11979	3.4	11	-N			.57			2 2 2 9		
CATA	08	0625	0635	0625	S02	W64	.902	11979	3.5	10	-B	C	0625	.23	.53	(209)	2 2 2 9		
ABST	08	0625	0636	0628	S02	W65	.909	11979	3.4	11	-F	C	0628	.90		87	D		
591 MONT	08	0720	0724	0722	S09	W58	.864	11979	4.0	4	-F	C	0722	.10			10		
GRP45593	08	0820	0840	(0820)	N13	W50	.762	11976	4.6	20	-F			.17			2 2 1 12		
ARCE	08	0820E	0840D		N10	W52	.783	11976	4.4	20D	-N	C	0820	.17	.30				
ISTA	08	0820	0840		N16	W47	.732	11976	4.8	20	-F						E		

28
Aug 72

SOLAR FLARES Unconfirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IM-POR-TANCE	OBS.		MEASUREMENTS					REMARKS
	DATE AUG	START	END	MAX. PHASE	APPROX. LAT.	CENTRAL MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION			CMP DAY	COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hc	
594 ARCE	08	0838	0910D	0845	S08	W60	.879	11979	3.9	32D	-F	C	0845	.32	.70			12
595 ARCE	08	0920E	0935D		N11	W51	.773	11976	4.6	15D	-N	C	0935	.23	.40			12
596 ABST	08	1140E	1156D	1143	S10	W65	.919	11979	3.6	16D	-F	P	1143	.90		76	OZ	10
597 ARCE	08	1316E	1345D		N12	W53	.794	11976	4.6	29D	-N	C	1316	.26	.40			10
598 HTPR	08	1435	1440	1435	N11	W53	.794	11976	4.6	5	-F	C	1435	.21	.30			11
603 MONT	09	0749	0752	0751	N16	W31	.528	11987	7.0	3	-F	C	0751	.10				12
605 ARCE	09	0820E	0842D		N15	W32	.539	11987	6.9	22D	-F	C	0831	.23	.30		H	12
GRP45606	09	0902	0916	0908	S10	W78	.983	11979	3.5	14	-F			.42				2 2 2 12
MONT	09	0902	0915	0908	S10	W80	.989	11979	3.4	13	-N	C	0908	.52			H	
HTPR	09	0902	0917	0907	S10	W75	.972	11979	3.8	15	-F	C	0907	.31				
609 ABST	09	1112E	1123	1113	S11	W81	.991	11979	3.4	11D	1F	P	1113	1.18		65	E	9
GRP45610	09	1515	1523	(1517)	N14	W64	.893	11976	4.8	8	-F			.52				2 2 1 10
MCMA	09	1515E	1522D		N13	W65	.901	11976	4.8	7D	-N	P	1517	.52	1.20		E	
HUAN	09	1515	1523		N14	W63	.886	11976	4.9	8	-F	1 C						
613 PALE	09	1650	1708	1653	N12	W62	.878	11976	5.1	18	-F	2 C		.63			F	7
614 HTPR	09	1713	1716	1714	S10	W84	.997	11979	3.4	3	-N	C	1714	.41				5
615 HTPR	09	1750	1752	1751	S10	W85	.998	11979	3.4	2	-F	C	1751	.21				6
616 MCMA	09	1835E	2030D		S10	W88	1.000	11979	3.2	115D	-N	P	1835					4
617 PALE	09	2219	2224	2219	N13	W66	.908	11976	5.0	5	-N	3 C		.63			F	3
GRP45620	10	0327	0330		N18	W72	.945	11976	4.7	3	-F			.25				1 1 1 5
CRON	10	0327E	0330		N18	W72	.945	11976	4.7	3D	-F	3 V		.25				
CRON	10	0327E	0330		N18	W72	.945	11976	4.7	3D	-F	3 V		.25				
GRP45622	10	0801	0954	0806	S09	W90	1.000	11979	3.6	113	-B			.89				2 2 2 17
ARCE	10	0800E	0954D		S10	W90	1.000	11979	3.6	114D	-B	C	0805	1.05			K	
ARCE	10	0800E	0825D		S06	W90	1.000	11979	3.6	25D	-N	C	0800	.33				
MONT	10	0801	0842	0806	S10	W90	1.000	11979	3.6	41	-N	C	0806	.72				
MONT	10	0909	0953	0912	S10	W90	1.000	11979	3.6	44	-N	C	0912	.21				
623 MONT	10	0911	0926	0913	S05	W01	.198	11981	10.3	15	-F	C	0913	.10				15
GRP45624	10	1125	1200	1138	N15	W50	.764	11987	6.7	35	-F			.52				2 2 1 12
HTPR	10	1125	1200	1138	N16	W50	.765	11987	6.7	35	-F	C	1138	.52	.70			
ONDR	10	1128E	1142D		N14	W50	.763	11987	6.7	14D	1N	V	1129			2.90	CDH	
626 ARCE	10	1345E	1400D		S09	W90	1.000	11979	3.8	15D	-B	C	1355	.26				11
627 HUAN	10	1403	1411	1406	S08	W90	1.000	11979	3.8	8	-F	1 C	1406	.26			D	10
GRP45628	10	1540	1552	1542	S08	W90	1.000	11979	3.9	12	-N			.31				2 2 1 10
ATHN	10	1540E	1550	1540D	S08	W90	1.000	11979	3.9	10D	-N	3 V					DE	
HUAN	10	1540	1553	1543	S08	W90	1.000	11979	3.9	13	-N	1 C	1543	.31				
629 HUAN	10	1717	1723		S08	W90	1.000	11979	4.0	6	-F	1 C	1721	.31				6
630 HUAN	10	1810E	1815D		S08	W90	1.000	11979	4.0	5D	-F	1 C	1814	.31				6
631 HUAN	10	1940	1943	1941	S08	W90	1.000	11979	4.1	3	-F	1 C	1941	.21			D	4
636 TACH	11	0350	0402	0353	N10	W85	.995	11976	4.8	12	-B	C	0353	.52		84	ETY	7
638 MONT	11	0703	0714	0706	N11	W90	1.000	11976	4.5	11	-N	C	0706	.21				12
640 MONT	11	0955	1006	0957	N18	W86	.995	11976	5.0	11	-F	C	0957	.21				14
641 MONT	11	1034	1037	1035	S03	W73	.959	11977	6.0	3	-F	C	1035	.21				13
644 HUAN	11	1600	1610	1603	S11	E44	.733	11986	15.0	10	-F	2 C	1603	.26	.37		D	6
646 ATHN	12	0619	0631	0622	S11	E36	.641	11986	15.0	12	-F	2 C		.33			DE	10
GRP45647	12	0710	0744	0715	N15	W76	.965	11987	6.6	34	-N			.22				2 2 2 11
MONT	12	0709E	0742	0715	N15	W78	.973	11987	6.4	33D	-N	C	0715	.21				
CATA	12	0710	0745	0715	N15	W74	.956	11987	6.7	35	-N	C	0715	.23		(204)		

SOLAR FLARES Unconfirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IM- POR- TANCE	OBS.		MEASUREMENTS					REMARKS		
	1972 AUG	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMAH PLAGE REGION			CMP DAY	COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α		MAX. INT. %	
					LAT.	MER. DIST.														
649 CAPS	12	0903E	0920D		N12	W90	1.000	11976	5.6	17D	-F	2	S							14
GRP45651	12	1042	1053	1045	N16	W78	.973	11987	6.6	11	-N			1.86						2 1 1 10
ATHN	12	1042	1053	1045	N16	W78	.973	11987	6.6	11	-N	3	C							DE
MONT	12	1044	1103	1102	N14	W79	.977	11987	6.5	19	-N		C	1102	1.86					
652 MONT	12	1137	1145D	1145	N14	W79	.977	11987	6.6	8D	-N		C	1145	1.86					9
654 PALE	12	1834	1845	1836U	S16	W40	.714	11981	9.8	11	-F	2	C		.36					F 4
655 MITK	13	0353	0435	0405	N13	W90	1.000	11987	6.4	42	1N		C	0405	1.34					5
656 HTPR	13	0535E	0539D		N13	W90	1.000	11987	6.5	4D	-F		C	0535	.21					7
657 HTPR	13	0542E	0546D		N13	W90	1.000	11987	6.5	4D	-F		C	0542	.31					7
658 HTPR	13	0550E	0552D		N13	W90	1.000	11987	6.5	2D	-F		C	0550	.31					8
659 HTPR	13	0600E	0604D		N13	W90	1.000	11987	6.5	4D	-F		C	0604	.31					11
660 HTPR	13	0948	0959D		N13	W90	1.000	11987	6.7	11D	-F		C	0959	.21					10
663 ARCE	14	0925E	0950D		N06	E90	1.000	11994	21.1	25D	-N		C	0930	.33					8
664 RAMY	14	1531	1537	1532	S11	E03	.306	11986	14.9	6	-F	3	C		.83					DE 8
665 HUAN	14	1730	1734	1730	S26	E80	.994	11993	20.7	4	-F	1	C	1730	.26					5
668 HTPR	15	0659	0704	0701	S27	E68	.960	11993	20.4	5	-F		C	0701	.31					9
673 MONT	16	0803	0805	0804	N18	W25	.452	11985	14.5	2	-N		C	0804	.21					8
GRP45675	16	1433	1446	1435	S26	E50	.852	11993	20.4	13	-F				.27					2 2 2 8
HTPR	16	1432	1447	1434	S26	E50	.852	11993	20.4	15	-F		C	1434	.21	.30				E
ATHN	16	1433	1445	1436	S25	E50	.848	11993	20.4	12	-N	3	C		.33					DE
677 HUAN	16	1609	1616	1612	N06	E85	.995	11994	23.0	7	-F	2	C	1612	.26					D 4
678 HUAN	16	1656	1705	1659U	N08	E65	.995	11994	23.1	9	-F	1	C	1659	.26					D 6
680 SIBE	17	0054	0110		S06	W90	1.000	11981	10.3	16	-F		V							3
682 TEHR	17	0440E	0448	0444U	S09	E26	.505	11992	19.1	8D	-F	3	V		.19					DE 4
683 MONT	17	0639E	0722D	0714	S10	E28	.538	11992	19.4	43D	-N		C	0714	1.13					7
684 ABST	17	0742	0754	0744	S11	E25	.508	11992	19.2	12	-F		C	0744	.81	1.00				D 6
685 ARCE	17	0805E	0820D		S11	E23	.484	11992	19.1	15D	-N		C	0810	.23	.30				H 6
686 ARCE	17	0815E	0856D		S10	E25	.500	11992	19.2	41D	-F		C	0828	.30	.30				5
687 CAPS	17	0857E	0912D		N15	W38	.618	11985	14.5	15D	-B	1	V	0858	.05	.07			(201)	6
693 MITK	18	0311	0338	0313	N07	E44	.690	11994	21.4	27	-F		C	0313	.83	1.20				E 9
694 MITK	18	0341	0353	0346	N14	W47	.728	11985	14.6	12	-N		C	0346	.83	1.20				D 9
695 TEHR	18	0616	0639	0627U	N15	W48	.740	11985	14.7	23	-N	3	V		.74					F 8
696 HTPR	18	0647E	0717		N15	W52	.784	11985	14.4	30D	-F		C	0700	.62	.90				10
698 MONT	18	1009	1024	1012	N04	E44	.693	11994	21.7	15	-N		C	1012	.52					8
699 HTPR	18	1025	1030	1025	N16	W57	.834	11985	14.2	5	-F		C	1025	.62	1.00				E 7
GRP45701	18	1158	1205	1201	N17	W54	.805	11985	14.4	7	-F				.19					2 2 2 8
HTPR	18	1156	1205	1201	N16	W58	.843	11985	14.1	9	-F		C	1201	.21	.30				E
CATA	18	1200	1205D	1200	N18	W50	.765	11985	14.8	5D	-N		P	1200	.17	.27			(168)	
GRP45702	18	1244	1253	1245	N16	W52	.784	11985	14.6	9	-F				.35					2 2 2 8
ATHN	18	1244E	1254	1245	N16	W52	.784	11985	14.6	10D	-F	3	V		.33					DE
RAMY	18	1245E	1252	1245U	N15	W51	.773	11985	14.7	7D	-F	3	V		.36					DE
704 HUAN	18	1525	1530	1526	N17	W53	.795	11985	14.7	5	-F	1	C	1526	.26	.42				D 8
705 HTPR	18	1555	1708	1703	N16	W55	.815	11985	14.6	13	-F		C	1703	.21	.30				E 6
708 HUAN	18	1835	1853	1838	N17	W60	.861	11985	14.3	18	-N	1	C	1838	.26	.52				D 5

30
Aug 72

SOLAR FLARES Unconfirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS		
	2072 AUG	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %			
					LAT.	MER. DIST.														
709 RAMY	18	2128E	2136D	2129U	N05	E31	.513	11994	21.2	8D	-F	2	V	.46				DE	5	
711 MANI	18	2302E	2307	2302	N16	W56	.824	11985	14.8	5D	-N	1		2302	.41	.69			3	
714 MITK	19	0342	0354	0345	S14	E02	.357	11992	19.3	12	-F		C	0345	.52	.60			D	7
715 ATHN	19	0543E	0556	0545	S04	E73	.960	12001	24.7	13D	-N	3	V	.33				DE H	9	
GRP45717	19	0600	0653	0633	S05	E69	.939	12001	24.4	53	-F				.31			2 2 1 8		
HTPR	19	0600	0645	0633	S05	E70	.945	12001	24.5	45	-F		C	0633	.31					
CAPS	19	0603E	0700D		S04	E67	.925	12001	24.3	57D	-N	1	S							
718 HTPR	19	0645	0655	0648	N16	W61	.869	11985	14.7	10	-F		C	0648	.10	.20			8	
GRP45720	19	0707	0732	0712	S06	E72	.956	12001	24.7	25	-F				.62			2 2 2 7		
HTPR	19	0707	0735	0712	S05	E70	.945	12001	24.5	28	-F		C	0712	.72					
ATHN	19	0710E	0729	0711	S07	E73	.962	12001	24.8	19D	-N	1		0711	.52	.66				
722 ONDR	19	0831E	0845D		S12	W03	.326	11992	19.1	14D	1N		V	0832		3.40		C	7	
723 CAPS	19	1052E	1052D		S05	E65	.913	12001	24.3		-B	1	S						6	
726 CAPS	19	1131E	1134D		S05	E65	.913	12001	24.4	3D	-N	1	S	1131	.50		(166)		7	
730 HTPR	19	1350	1400	1354	N16	W64	.892	11985	14.8	10	-F		C	1354	.10	.20			9	
3 STATIONS REPORTING GROUP 45732. 4 STATIONS OBSERVING AND NOT REPORTING.																				
GRP45732	19	1602	1625	1608	S12	W09	.356	11992	19.0	23	-F				.41			2 2 1 8		
MCHA	19	1601	1625	1606	S12	W08	.349	11992	19.1	24	-N		C	1606	.41	.50		E		
HUAN	19	1602	1625	1610U	S11	W09	.341	11992	19.0	23	-F	1	C							
732 RAMY	19	1603	1610D	1605	S11	E08	.334	11992	20.3	7D	*-F	2	C		.67			DE	7	
733 HTPR	19	1700	1707	1703	N16	W65	.900	11985	14.8	7	-F		C	1703	.21	.40			4	
734 HUAN	19	1741	1753U	1743U	S04	E67	.925	12001	24.8	12D	-F	1	C	1743	.21			D	4	
GRP45742	20	0539	0547	0540	S08	E58	.863	12001	24.6	8	-F				.48			2 2 2 6		
ATHN	20	0539E	0547	0540	S08	E58	.863	12001	24.6	8D	-N	2	V		.50			DE		
CRON	20	0539E	0546		S07	E58	.862	12001	24.6	7D	-F	3	V		.45					
CRON	20	0539E	0546		S07	E58	.862	12001	24.6	7D	-F	3	V		.45					
743 ABST	20	0649	0656	0650	S04	E60	.873	12001	24.8	7	1F		C	0650	1.26	2.60	71	EV	8	
GRP45744	20	0658	0706	0659	N10	E51	.772	11999	24.1	8	-F				.57			2 2 2 7		
ABST	20	0657	0707	0658	N11	E55	.813	11999	24.4	10	-F		C	0658	.81	1.40	52	DGV		
ATHN	20	0658	0705	0700	N08	E46	.715	11999	23.7	7	-F	3	V		.33			DE		
GRP45746	20	1047	1053	1050	N13	W78	.974	11985	14.6	6	-F				.15			2 2 2 8		
HTPR	20	1047	1052	1049	N13	W80	.981	11985	14.4	5	-N		C	1049	.21					
TEHR	20	1050E	1053	1051U	N12	W75	.961	11985	14.8	3D	-F	3	V		.09			DE		
749 HUAN	20	1707	1713		S04	E53	.809	12001	24.7	6	-F	1	C	1708	.31	.52		E	5	
753 ARCE	21	0840E	0900D		S07	E68	.935	12015	26.5	20D	-F		C	0845	.20	.50			7	
755 CAPS	21	1326E	1422D		S16	E90	1.001	12002	28.3	56D	1N	2	S						8	
756 HTPR	21	1445	1505	1453	S13	E59	.882	12002	26.0	20	-F		C	1453	.62	1.20			9	
GRP45757	21	1637	1657	1641	S14	E72	.963	12002	27.1	20	-F				.21			2 2 2 8		
HTPR	21	1635	1702	1641	S14	E73	.968	12002	27.2	27	-F		C	1641	.21					
HUAN	21	1639	1651	1641	S14	E71	.959	12002	27.0	12	-F	2	C	1641	.21			D		
761 PALE	21	2106E	2112	2106U	S10	W40	.685	11992	18.9	6D	-F	4	V		.83			F	3	
763 PALE	21	2241	2244	2241	S02	E34	.575	12001	24.5	3	-N	3	V		.41				4	
765 CULG	21	2313	0243		N14	W35	.575	11995	19.3	21D	1F		P	0015	2.48	2.90		S	4	
768 PALE	22	0029E	0033	0030	S10	E57	.859	12015	26.3	4D	-F	3	V		.62				4	
769 PALE	22	0053E	0100	0054	S24	W22	.611	11993	20.4	7D	-F	3	C		.27				4	
770 PALE	22	0150E	0208	0155	S11	W42	.713	11992	18.9	18D	-F	3	V		.62			F	4	
773 ABST	22	0520	0529	0522	N09	E28	.466	11999	24.3	9	-F		C	0522	1.08	1.20	63	E	8	
774 MONT	22	0658	0707	0700	N09	E29	.482	11999	24.5	9	-F		C	0700	.21				11	

SOLAR FLARES Unconfirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE AUG	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. %	
775 HTPR	22	0810	0823	0817	N08	E27	.451	11999	24.4	13	-F	C	0817	.21	.20			11
776 HTPR	22	0905	0933	0917	N08	E26	.435	11999	24.3	28	-F	C	0917	.21	.20			12
777 ABST	22	0940	0944	0941	S25	W29	.677	11993	20.2	4	-F	C	0941	.81	1.10		72	DV 12
GRP45778	22	1123	1137	1127	S13	E59	.882	12002	26.9	14	-N			.41				2 2 2 6
HTPR	22	1123	1132	1127	S13	E58	.874	12002	26.8	9	-N	C	1127	.52				
CAPS	22	1127E	1142D		S13	E60	.890	12002	27.0	15D	-N	1 V	1128	.30			(166)	
780 ATHN	22	1223	1249	1226	S03	E27	.481	12001	24.5	26	-F	3 C		1.01				DE 7
782 CAPS	22	1334E	1352D		N10	E25	.421	11999	24.4	18D	-F	1 S	1335	.04	.06		(157)	9
783 HTPR	22	1545	1613	1553	S16	E58	.881	12002	27.0	28	-F	C	1553	.10	.20			7
785 HUAN	22	1650	1701	1657U	S16	E58	.881	12002	27.1	11	-F	1 C	1657	.36	.73			E 6
788 HUAN	22	1832	1840	1835	S16	E57	.874	12002	27.0	8	-N	1 C	1835	.31	.63			4
789 RAMY	22	1904E	1924	1905	S12	W54	.838	11992	18.7	20D	-F	2 V		.52				DE 5
792 ABST	23	0403E	0456	0424	N06	E24	.405	11999	25.0	53D	-F	P	0424	.90	1.00		59	D 6
794 ATHN	23	0558	0611	0600	S04	E88	1.000	12005	29.8	13	-N	3 V						DE 6
796 ATHN	23	0642	0703	0649	S16	E50	.815	12002	27.0	21	-N	1	0649	.52	.64			5
797 ATHN	23	0700E	0708	0701	S04	E10	.256	12001	24.0	8D	-N	1	0701	.34	.33			4
798 HTPR	23	0813	0817	0814	S10	E52	.814	12002	27.2	4	-F	C	0814	.31	.60			E 6
801 PALE	23	1805	1811	1807	N11	E09	.170	11999	24.4	6	-F	3 C		.19				F 5
804 PALE	24	0147E	0148D	0148U	S15	E38	.690	12002	26.9	1D	-N	2 V		.72				DE 4
808 KODA	24	0420E	0430D	0420	N09	W03	.062	11999	24.0	10D	-B	V	0420	1.94	1.90	1.52		U 7
809 ATHN	24	0457	0509	0500	S18	E52	.839	12002	28.1	12	-F	3 C		.50				DE 4
810 ATHN	24	0557	0616	0601	S06	E90	1.000	12005	31.0	19	-F	3 C						DE 6
811 ATHN	24	0633E	0643	0635	S02	E12	.258	12001	25.2	10D	-F	3 C		.33				DE 6
GRP45813	24	1022	1028	1024	S03	E03	.181	12001	24.7	6	-F			.27				2 2 2 7
HTPR	24	1022	1028	1024	S02	E04	.171	12001	24.7	6	-F	C	1024	.21	.20			
ATHN	24	1023E	1028	1024	S03	E02	.177	12001	24.6	5D	-F	2 V		.33				DE
814 CATA	24	1055	1130	1055	N16	E90	.999	12007	31.2	35	-F	C	1055	.34			(127)	8
824 ARCE	25	0905E	0920D		S12	E70	.952	12005	30.6	15D	-F	C	0915	.13				11
825 ARCE	25	0910E	1005D		S15	E23	.526	12002	27.1	55D	-F	C	0920	.65	.80			12
826 MONT	25	1018	1026	1022	S16	E21	.515	12002	27.0	8	-N	C	1022	.52				7
831 HTPR	25	1349	1407	1356	N14	E87	.997	12007	1.1	18	-F	C	1356	.31				7
GRP45832	25	1540	1552	1544	N10	E80	.982	12007	31.7	12	-F			.31				2 2 2 7
HTPR	25	1540	1550	1544	N10	E80	.982	12007	31.7	10	-F	C	1544	.21				
CANR	25	1540	1554		N09	E79	.979	12007	31.6	14	-N	2 V	1543	.40	1.40			
833 MANI	25	2340	2357	2342	S04	W22	.416	12001	24.3	17	-F	2	2342	.41	.45			4
834 ABST	26	0514	0601	0537	N12	E80	.981	12007	1.2	47	1F	C	0537	.90			74	DZ 5
837 MONT	26	0954	0958	0956	S19	E03	.442	12002	26.6	4	-F	C	0956	.10				7
838 MONT	26	1034	1044	1037	N12	E79	.978	12007	1.4	10	-N	C	1037	.21				7
841 HTPR	26	1301	1325	1308	S15	E08	.398	12002	27.1	24	-F	C	1308	.41	.40			E 5
842 HTPR	26	1617E	1650	1637	N17	E06	.200	12008	27.1	33D	-F	C	1637	.21	.20			H 7
846 PALE	26	2300E	2313	2301	N16	E89	.999	12011	2.6	13D	-B	3 C		.45				F 5
847 MANI	26	2332E	2340	2332	N16	E90	.999	12011	2.7	8D	-N	2	2332	.41	1.34			4
850 TEHR	27	0309E	0318	0309U	S09	E60	.882	12012	31.6	9D	-F	3 V		.36				F 8

32
Aug 72

SOLAR FLARES Unconfirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS			
	DATE AUG	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMTPLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %				
					LAT.	MER. DIST.															
GRP45851 MANI MITK	27	0312	0327	0315	N10	E60	.860	12007	31.6	15	-F							2 2 2 8			
	27	0310	0335	0315	N10	E59	.851	12007	31.6	25	-N	2		0315	.83	1.45					
	27	0313	0319	0315	N10	E60	.860	12007	31.6	6	-F			0315	.62	1.30			E		
852	ATHN	27	0453	0503	0457	N12	E58	.842	12007	31.6	10	-F	2	C		.50				DE	7
854	TEHR	27	0759E	0806	0759U	S09	E58	.866	12012	31.7	7D	-F	3	V		.19				F	6
855	CATA	27	0915E	0925	0920	N17	E78	.972	12011	2.2	10D	-F		P	0920	.34		(144)			9
857	TEHR	27	0942E	0956	0942U	S18	E12	.465	12002	28.3	14D	-F	3	V		.28				F	6
GRP45859 TEHR CAPS	27	1054	1107	1054	S06	E39	.657	12005	30.4	13	-F				.30					2 2 2 6	
	27	1054E	1105	1054U	S07	E39	.661	12005	30.4	11D	-F	3	V		.19					F	
	27	1055E	1109D		S05	E39	.653	12005	30.4	14D	-N	3	V	1057	.40	.60	(170)			C	
861	HTPR	27	1315	1332D	1327	N16	E76	.964	12011	2.3	17D	-F		C	1327	.21				D	6
862	HTPR	27	1446E	1455D	1447	N16	E76	.964	12011	2.3	9D	-F		C	1447	.21				D	8
865	PALE	27	2321E	2324D	2321U	N17	E77	.968	12011	2.7	3D	-N	3	V		.31				DE	3
GRP45866 CRON CRON	27	2334	2340	2338	N14	E88	.998	12011	3.6	6	-N									1 1 0 4	
	27	2334	2340	2338	N14	E88	.998	12011	3.6	6	-N	2	V	2338							
	27	2334	2340	2338	N14	E88	.998	12011	3.6	6	-N	2	V	2338							
868	PALE	28	0210	0220	0211	S07	E28	.519	12005	36.2	10	-N	2	V		.21					4
869	KODA	28	0243	0248	0243	S14	W18	.464	12002	26.8	5	-N		V	0243	.72	.70	1.48		D	6
871	VORO	28	0538	0550	0541	S08	W26	.500	12015	26.3	12	-B		C	0541	1.47	1.66		66	EJ	5
872	ABST	28	0639E	0644D	0641	S08	W26	.500	12015	26.3	5D	1F		P	0641	1.80	2.10		63	EZ	8
GRP45873 CRON CRON ATHN	28	0647	0708	0650	N13	E70	.934	12011	2.5	21	-F				.29					2 2 2 9	
	28	0647	0703	0650	N13	E70	.934	12011	2.5	16	-F	3	V	0650	.25						
	28	0647E	0703	0650	N13	E70	.934	12011	2.5	16D	-F	3	V	0650	.25					DE	
	28	0650E	0712	0650U	N13	E70	.934	12011	2.5	22D	-F	3	V		.33						
874	ATHN	28	0749	0804	0753	S07	W28	.519	12015	26.2	15	-F	3	C		.50				DE	8
876	ARCE	28	0816	0820		S16	W17	.479	12002	27.1	4	-N		C	0817	.20	.20				9
GRP45878 CANR ISTA	28	0936	0942	0938	N17	E71	.939	12011	2.7	6	-F				.70					2 2 1 7	
	28	0936	0944	0938	N17	E72	.944	12011	2.8	8	-F	3	V	0938	.70	1.60					
	28	0936	0939		N16	E69	.927	12011	2.6	3	-N										
882	MONT	28	1108E	1141D	1111	S08	W29	.539	12015	26.3	33D	-N		C	1111	.72					5
884	RAMY	28	1310	1318	1312	N15	E51	.772	12007	1.4	8	-F	4	V		.99				DE	5
887	HUAN	28	1412	1415	1413	S16	W22	.526	12002	26.9	3	-F	1	C	1413	.36	.42			E	8
889	RAMY	28	1637E	1645	1637U	N15	E62	.876	12011	2.3	8D	-F	3	V		.46				DE	4
GRP45892 BOUL RAMY	28	1755	1808	1758	N18	E66	.907	12011	2.7	13	-F				.18					2 2 2 6	
	28	1755	1811	1757	N17	E66	.907	12011	2.7	16	-F	3	V	1757	.15	.30				DE	
	28	1758E	1805	1758U	N18	E65	.899	12011	2.6	7D	-N	3	V		.21						
893	MCMA	28	1826	1840	1827	N18	E37	.611	12007	31.5	14	-F		C	1827	.26	.30			E	4
899	ABST	29	0356	0406	0402	S07	W40	.673	12015	26.2	10	-N		C	0402	.90	1.20		82	D	6
900	ABST	29	0455E	0514D	0459	S07	W40	.673	12015	26.2	19D	-F		P	0459	.90	1.20		74	D	4
GRP45902 CRON CRON ATHN	29	0559	0619	0601	N15	E55	.813	12011	2.4	20	-F				.70					2 2 2 7	
	29	0559E	0608	0559U	N15	E56	.823	12011	2.4	9D	-F	3	V	0559	.55						
	29	0559E	0608	0559D	N15	E56	.823	12011	2.4	9C	-F	3	V	0559	.55						
	29	0602E	0630	0602	N14	E53	.793	12011	2.2	28D	-F	1		0602	.85	1.07					
GRP45903 HTPR ABST	29	0706	0721	0714	N14	E55	.813	12011	2.4	15	-F				1.14					2 2 2 6	
	29	0700	0721	0714	N13	E56	.823	12011	2.5	21	-F			C	0714	.21	.30				
	29	0711	0714D	0713	N14	E54	.803	12011	2.3	3D	1F			P	0713	2.07	3.40		74	E	
GRP45908 KHAR HTPR	29	0845	0915	(0849)	S14	W41	.717	12015	26.3	30	-F				1.63					2 2 2 11	
	29	0845E	0915D		S13	W42	.723	12015	26.2	30D	1F			P	0853	3.04	3.60				
	29	0845E	0906D		S14	W39	.696	12015	26.4	21D	-F			C	0845	.21	.30			B	
909	ATHN	29	0926E	0934	0927	N16	E55	.814	12011	2.5	8D	-N	1		0927	.34	.51				9

SOLAR FLARES

Unconfirmed

AUGUST 1972

OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS		
	1972 AUG	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMATH FLARE REGION				CMP DAY	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hr		MAX. INT. %	
					LAT.	MER. DIST.													
911 ATHN	29	1010E	1015	1011	S08	E07	.287	12005	29.9	5D	-F	1	1011	.34	.33			7	
912 HTPR	29	1112	1140D	1121	N14	E56	.823	12011	2.7	28D	-N	C	1121	.10	.20		D	10	
GRP45913	29	1140	1150	1141	S07	E05	.259	12005	29.9	10	-F	3		.32			2 2 2	12	
RAMY	29	1139	1146	1140	S07	E05	.259	12005	29.9	7	-F			.33			DE		
MCMA	29	1141	1153	1142	S06	E04	.237	12005	26.8	12	-N	C	1142	.31	.30		E		
GRP45920	29	1416	1429	1420	S05	E05	.227	12005	30.0	13	-N			.28			2 2 2	7	
MCMA	29	1416	1430	1420	S05	E05	.227	12005	30.0	14	-N	C	1420	.21	.20		EH		
ATHN	29	1418S	1427	1419	S05	E05	.227	12005	30.0	9D	-N	1	1419	.34	.33				
922 MCMA	29	1619	1631	1621	N11	E75	.961	12011	4.3	12	-F	C	1621	.15			D	5	
GRP45924	29	1710	1739	1726	N14	E32	.532	12007	1.1	29	-F			.29			2 2 2	5	
HUAN	29	1710	1730D	1725U	N14	E33	.546	12007	1.2	20D	-N	1	1725	.26	.31		D		
RAMY	29	1725E	1739D	1727U	N14	E31	.518	12007	1.1	14D	-F	2		.31			DE		
930 KODA	30	0231E	0235	0231	N15	E55	.813	12011	3.2	4D	-N	V	0231	1.09	1.10	1.96		6	
931 KODA	30	0236	0239	0237	N12	E30	.499	12007	1.4	3	-B	V	0236	.74	.70	2.24	D	5	
GRP45933	30	0528	0538	0529	S17	W57	.877	12002	26.0	10	-N			.66			1 1 1	6	
ATHN	30	0528E	0538	0529	S17	W57	.877	12002	26.0	10D	-N	2		.66			DE		
ATHN	30	0528E	0538	0529	S17	W57	.877	12002	26.0	10D	-N	3		.66			DE		
935 HTPR	30	0901	0908	0905	N13	E25	.427	12007	1.3	7	-F	C	0905	.31	.40		S	7	
GRP45936	30	0934	0940	0935	N18	E45	.708	12011	2.8	6	-F			.22			2 2 2	8	
ATHN	30	0933E	0940	0935	N18	E45	.708	12011	2.8	7D	-N	3		.33			DE		
HTPR	30	0934	0939	0935	N18	E45	.708	12011	2.8	5	-F	C	0935	.10	.20		D		
GRP45938	30	1040	1046	1040	N13	E22	.381	12007	1.1	6	-F			.34			1 1 1	7	
ATHN	30	1040E	1046	1040	N13	E22	.381	12007	1.1	6D	-F	3	1040	.34	.33				
ATHN	30	1040E	1046	1040U	N13	E22	.381	12007	1.1	6D	-F	2		.33			DE		
GRP45939	30	1108	1120	1110	N13	E65	.900	12011	4.3	12	-F			.62			2 2 2	6	
HTPR	30	1108	1114	1110	N15	E65	.899	12011	4.3	6	-F	C	1110	.10	.20		D		
KHAR	30	1108	1126D		N10	E65	.901	12011	4.3	18D	1F	P	1115	1.13	2.50		D		
940 KHAR	30	1130E	1140D		N12	E21	.363	12007	1.1	10D	1F	P	1138	2.84	3.00			6	
GRP45941	30	1131	1139	1132	N16	E52	.783	12011	3.4	8	-N			.52			2 2 1	5	
ATHN	30	1131E	1134U	1132	N17	E52	.784	12011	3.4	3D	-N	3	1132	.52	.60				
KHAR	30	1133E	1139D		N14	E52	.782	12011	3.4	6D	-N						D		
942 ARCE	30	1140E	1150D		N16	E43	.681	12011	2.7	10D	-N	P	1150	.32	.40			7	
GRP45943	30	1206	1213	1208	N14	E21	.370	12007	1.1	7	-N			.29			2 2 2	6	
RAMY	30	1205E	1213	1207	N14	E20	.355	12007	1.0	8D	-N	2		.26			DE		
MCMA	30	1206	1212	1209	N13	E22	.381	12007	1.2	6	-N	C	1209	.31	.30		E		
946 HUAN	30	1340	1350	1343U	N14	E21	.370	12007	1.1	10	-F	1	C	1343	.31	.33			5
GRP45948	30	1426	1443	1430	S06	W58	.860	12015	26.3	17	-F			.34			2 2 1	5	
BOUL	30	1426	1450	1429	S06	W57	.851	12015	26.3	24	-F	2							
CATA	30	1430E	1435	1430	S06	W58	.860	12015	26.3	5D	-N	P	1430	.34	.67	(195)			
957 HUAN	30	1942	1951	1945	N16	E39	.631	12011	2.7	9	-F	1	C					4	
GRP45960	31	0010	0115	0112	N19	E36	.601	12011	2.7	65	-N			.30			1 1 1	5	
CRON	31	0010	0115	0112	N19	E36	.601	12011	2.7	65	-N	1	V	0112	.30				
CRON	31	0010	0115	0112	N19	E36	.601	12011	2.7	65	-N			.30					
GRP45962	31	0448	0452		N18	E33	.558	12011	2.7	4	-N			.30			1 1 1	5	
CRON	31	0448E	0452		N18	E33	.558	12011	2.7	4D	-N	3	V	.30					
CRON	31	0448E	0452		N18	E33	.558	12011	2.7	4D	-N			.30					
963 CATA	31	0705	0715	0705	N13	E10	.198	12007	1.0	10	-N	C	0705	.69	.71	(170)		6	
GRP45964	31	0719	0725	0720	N16	E32	.538	12011	2.7	6	-N			.55			2 2 2	8	
MONT	31	0718	0725	0720	N16	E33	.551	12011	2.8	7	-N	C	0720	.52					
CATA	31	0720	0725	0720	N15	E31	.521	12011	2.6	5	-N	C	0720	.58	.68	(160)			
965 MONT	31	1120	1124	1122	N16	E11	.241	12007	1.3	4	-N	C	1122	.41				8	
966 CATA	31	1150	1155	1150	N04	E01	.058	12007	31.6	5	-N	C	1150	.34	.35	(155)		8	
969 MCMA	31	1315	1328	1317	S06	W24	.459	12005	29.8	13	-N	C	1317	.31	.30		DH	6	
970 RAMY	31	1357	1412	1359	S05	W22	.424	12005	29.9	15	-F	2	C		.46			DE	6
971 MCMA	31	1458	1519	1501	N15	W02	.140	12007	31.5	21	-N	C	1501	.41	.40		E	5	