SOLAR FLARES
Confirmed

OCTOBER 1972

OBSERVATORY	OBSERVED UT DATE 1972 OCT	START	END	MAX. PHASE	LOCATION APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	DURATION MIN.	IMPORTANCE	OBS. COND.	TYPE	MEASUREMENTS TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	REMARKS
	01	0134	0213	NO FLARE PATROL															
347 KODA	01	0227E	0251	0229	S07	W72	.957	12044	25.7	24D	-N		V	0229	1.05	1.10	2.00		1
GRP46348	01	0326	0349	0340	N12	E25	.426	12056	3.0	23	--F				.88				3 3 3 4
SIBE	01	0326	0347		N11	E25	.424	12056	3.0	21	1F		S	0336	2.03	2.30			DT
TEHR	01	0335E	0348	0335U	N11	E24	.408	12056	2.9	13D	-N				.19				DE
MANI	01	0345E	0351	0345	N13	E25	.429	12056	3.0	6D	-F	2		0345	.41	.46			
GRP46350	01	0433	0456	0443	N11	E25	.424	12056	3.1	23	-B				2.07				4 4 4 6
SIBE	01	0433	0458		N10	E25	.422	12056	3.1	25	1N		C	0445	4.17	4.75		975	FTZL
TEHR	01	0440E	0458	0442	N12	E23	.395	12056	2.9	18D	-B				1.65				FH
MANI	01	0444E	0450	0444	N12	E24	.411	12056	3.0	6D	-B	2		0444	1.44	1.58			
MITK	01	0447E	0456D		N10	E26	.437	12056	3.1	9D	-N		P	0450	1.03	1.10			D
GRP46351	01	0537	0546	0540	N12	E24	.411	12056	3.0	9	--N				.46				3 3 3 6
SIBE	01	0534	0545	0540	N12	E24	.411	12056	3.0	11	-F		C	0540	.86	1.00		62	D
ATHN	01	0538E	0545D	0540	N12	E25	.426	12056	3.1	7D	-N	1		0540	.34	.33			
TEHR	01	0540	0548	0541	N12	E23	.395	12056	3.0	8	-N				.19				F
GRP46352	01	0554	0609	0557	N09	E20	.341	12056	2.7	15	--F				.85				3 3 3 6
TEHR	01	0553	0609	0554	N10	E21	.359	12056	2.8	16	-F				.33				F
SIBE	01	0554	0608D	0559	N08	E20	.340	12056	2.7	14D	-F		C	0559	1.71	1.85		61	E
ATHN	01	0557E	0609	0558	N10	E20	.343	12056	2.7	12D	-N	1		0558	.52	.50			
GRP46354	01	1010	1035	1012	N12	E21	.364	12056	3.0	25	--N				.59				3 2 2 6
ATHN	01	1010E	1027	1013	N12	E22	.380	12056	3.1	17D	-N	1		1013	.52	.50			
BOUL	01	1010	1031	1010	N12	E21	.364	12056	3.0	21	-N	2	C	1010	.65	.69			
WEND	01	1020E	1046		N13	E20	.353	12056	2.9	26D	1F		V		3.09				
GRP46355	01	1055	1113	1102	S07	W71	.952	12044	26.1	18	-N				.77				2 2 2 4
ATHN	01	1037	1058	1040	S06	W70	.946	12044	26.2	21	-N	1		1040	.85	1.57			
CANR	01	1050	1110	1102	S06	W70	.946	12044	26.2	20	1N	3	V	1102	1.20	3.00			
ATHN	01	1059	1115	1102	S09	W72	.959	12044	26.1	16	-N	1		1102	.34	.64			
GRP46357	01	1239	1305	1252	N12	E21	.364	12056	3.1	26	--F				.85				4 4 4 6
HUAN	01	1232	1305	1251U	N12	E20	.349	12056	3.0	33	-N	2	C	1251	.41	.44			K
CANR	01	1245	1300D	1254	N13	E22	.383	12056	3.2	15D	-F	1	V		1.20	1.20			
ATHN	01	1246E	1304	1247	N11	E20	.345	12056	3.0	18D	-F	1		1247	.34	.33			
CATA	01	1255E	1300D	1255	N12	E20	.349	12056	3.0	5D	-N	2		1255	1.44	1.54		(182)	
358 HUAN	01	1329	1342	1334	N12	E20	.349	12056	3.1	13	--F	2	C	1334	.46	.50			E 4
359 HUAN	01	1417	1425	1419	N12	E20	.349	12056	3.1	8	--F	2	C	1419	.41	.44			E 3
GRP46360	01	1428	1458	1436	N13	E18	.322	12056	3.0	30	-F				1.70				2 2 2 3
WEND	01	1426E	1508D		N13	E17	.307	12056	2.9	42D	1N		P		3.09				
HUAN	01	1429	1447	1436	N13	E18	.322	12056	3.0	18	-F	1	C	1436	.31	.33			
GRP46361	01	1646	1711	1651	N12	E16	.286	12056	2.9	25	-N				1.39				2 2 1 3
BOUL	01	1645	1711	1651	N13	E14	.261	12056	2.7	26	1N	3	V	1651		2.40			
HUAN	01	1646	1710	1651	N12	E16	.286	12056	2.9	24	-N	1	C	1651	1.39	1.47			E
BOUL	01	1658E	1713	1702	N11	E17	.298	12056	3.0	15D	-N	2	C	1702	1.08	1.08			
362 PALE	01	2035	2111	2042	N12	E14	.255	12056	2.9	36	1B	2	V		2.27				Z F 1
	01	2126	2155	NO FLARE PATROL															
363 PALE	01	2203	2233	2208	N12	E13	.240	12056	2.9	30	1B	2	V		2.48				ZDE 1
	01	2356	0003	NO FLARE PATROL															
GRP46369	02	1448	1509	1450	N11	E01	.077	12056	2.7	21	-N				1.37				5 5 5 8
HUAN	02	1445	1450D		N11	E03	.091	12056	2.8	5D	-F	1	P	1449	.41	.41			E
MCMA	02	1445	1501	1448	N11	E02	.083	12056	2.8	16	-N		C	1448	.52	.50			E
BOUL	02	1449	1505	1452	N12	W03	.106	12056	2.4	16	-F	3	V	1452	.58	.60			
WEND	02	1451	1514		N12	E04	.115	12056	2.9	23	1N		P		4.13				
CAPS	02	1452E	1515D		N11	E01	.077	12056	2.7	23D	-N	2	V	1453	1.20	1.20		(164)	
	02	1911	1922	NO FLARE PATROL															
370 MCMA	02	1922E	1935		N11	W01	.077	12056	2.7	13D	--F		C	1923	.31	.30			E 1
371 MCMA	02	2114	2125	2116	N11	W02	.083	12056	2.7	11	--N		C	2116	.41	.40			E 1
	02	2129	2135	NO FLARE PATROL															
	02	2209	2217	NO FLARE PATROL															

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

OCTOBER 1972

OBSERVATORY	OBSERVED UT DATE 1972 OCT	START	END	MAX. PHASE	LOCATION APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	DURATION MIN.	IMPORTANCE	OBS. COND.	TYPE	MEASUREMENTS TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	REMARKS
GRP46373	03	0241	0315	0246	N11	W04	.103	12056	2.8	34	-N				2.37				4 3 3 4
CULG	03	0240	0345	0245	N11	W04	.103	12056	2.8	65	1B		C	0245	4.64	4.80			
CRON	03	0241E	0250	0244	N11	W02	.084	12056	3.0	9D	-F	3	V	0244	.60				
MANI	03	0241	0309	0248	N10	W05	.104	12056	2.7	28	-B	1		0248	1.86	1.87			
TEHR	03	0300E	0310	0300U	N10	W05	.104	12056	2.8	10D	-N				.65				F
GRP46376	03	0747	0807	0753	N10	W03	.078	12056	3.1	20	--N				.97				6 6 5 9
CANR	03	0745	0812	0750	N10	W04	.091	12056	3.0	27	-N	2	V		.80				
MANI	03	0747	0808	0751	N09	W05	.096	12056	2.9	21	-N	2		0751	.41	.42			
ISTA	03	0747	0800		N09	W04	.080	12056	3.0	13	-F								E
WEND	03	0748	0810		N12	W04	.116	12056	3.0	22	1N		P		3.09				
TEHR	03	0750E	0802	0750U	N10	W01	.061	12056	3.3	12D	-N				.19				DE
ATHN	03	0800E	0807	0800	N10	W02	.068	12056	3.2	7D	-F	1		0800	.34	.33			
GRP46379	03	1145	1158	1149	N13	W08	.176	12056	2.9	13	-F				1.00				2 2 2 6
CATA	03	1145	1155	1145	N12	W08	.166	12056	2.9	10	-N	3		1145	1.16	1.17		(151)	
ATHN	03	1151E	1201	1153	N13	W08	.176	12056	2.9	10D	-F	1		1153	.83	.80			
GRP46380	03	1442	1450	1443	N11	W09	.172	12056	2.9	8	--F				.47				2 2 2 8
MCMA	03	1441	1451	1442	N11	W10	.187	12056	2.9	10	-N		C	1442	.41	.40			E
MEUD	03	1442	1448	1443	N10	W08	.150	12056	3.0	6	-F		C	1443	.52	.50			E
GRP46381	03	1455	1512	1458	N10	W08	.150	12056	3.0	17	-N				1.53				7 7 7 10
MCMA	03	1455	1512	1458	N10	W07	.134	12056	3.1	17	-B		C	1458	.52	.50			EHV
CAPF	03	1455E	1505D		N11	W06	.128	12056	3.2	10D	-N		P	1457	1.65	1.68			
BOUL	03	1455	1509U	1458	N09	W08	.144	12056	3.0	14D	-F	2	C	1458	1.29	1.30			
CANR	03	1455	1510	1457	N11	W08	.157	12056	3.0	15	-N	2	V	1457	1.60	1.60			
WEND	03	1455E	1515D		N11	W08	.157	12056	3.0	20D	1B		P		4.13				
MEUD	03	1457	1512	1458	N08	W08	.140	12056	3.0	15	-N		C	1458	1.03	1.00			H
CAPS	03	1500E	1511D		N12	W10	.195	12056	2.9	11D	-N	2	V	1506	.50	.50		(190)	C
GRP46383	04	0142	0153	0145	S07	E42	.695	12059	7.2	11	-N				.97				4 4 4 5
VORO	04	0140	0155D	0144	S06	E43	.704	12059	7.3	15D	1N		C	0144	1.57	2.17		69	EJ
MANI	04	0142	0200	0146	S06	E42	.692	12059	7.2	18	-F	2		0146	.52	.72			
CRON	04	0143	0147	0144	S09	E43	.714	12059	7.3	4	-F	3	V	0144	.50				
KODA	04	0145E	0148D		S08	E40	.675	12059	7.1	3D	-B		P	0145	1.30	1.30			D
	04	1622	1723	NO FLARE PATROL															
	04	1735	1748	NO FLARE PATROL															
	04	1803	2205	NO FLARE PATROL															
388 MANI	04	2322	2339	2325	S10	W60	.883	12049	30.5	17	--N	2		2325	.62	1.16			2
	05	2051	2105	NO FLARE PATROL															
	05	2153	2222	NO FLARE PATROL															
	05	2233	2240	NO FLARE PATROL															
	06	0009	0023	NO FLARE PATROL															
	06	0025	0027	NO FLARE PATROL															
	06	0032	0042	NO FLARE PATROL															
395 ATHN	06	1425	1433	1428	S09	W80	.988	12049	30.6	8	--F	3	C		.33				DE 4
396 PALE	06	1839E	1858	1844U	N04	W01	.046	12073	6.7	19D	--N	2	V		.93				F 2
	06	2022	2048	NO FLARE PATROL															
	06	2108	2125	NO FLARE PATROL															
	06	2127	2128	NO FLARE PATROL															
	06	2140	2142	NO FLARE PATROL															
	07	2127	2129	NO FLARE PATROL															
GRP46398	07	2219	0000	2236	N20	W25	.467	12057	6.1	101	1F				5.45				3 2 2 4
VORO	07	2213	0000	2234	N19	W24	.447	12057	6.1	107	2F		C	2234	7.39	7.90		69	EJL
CULG	07	2225	2337D	2238	N20	W25	.467	12057	6.1	72D	1N		P	2238	3.51	3.80			
MANI	07	2302E	2321	2302	N19	W26	.473	12057	6.0	19D	-N	2		2302	1.55	1.77			

SOLAR FLARES
Confirmed

OCTOBER 1972

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GRP46400	08	0738	0818	0739	S15	W70	.954	12062	3.1	40	1N				.69				3 3 2 9
ABST	08	0738E	0845D	0739	S17	W70	.956	12062	3.1	67D	1N		P	0739	.90				BD
CAPS	08	0738E	0749D		S12	W68	.940	12062	3.2	11D	-N	1	V	0739	.48				
ONDR	08	0743E	0750		S15	W71	.959	12062	3.0	7D	1N		V	0743			3.00		CD
	08	2029	2035	NO FLARE PATROL															
	08	2103	2120	NO FLARE PATROL															
GRP46414	10	1455	1504	1457	N20	W70	.934	12057	5.4	9	--F				.39				2 2 2 4
ATHN	10	1453	1503	1456	N20	W70	.934	12057	5.4	10	-N	2	C		.50				DE
RAMY	10	1456	1505	1457	N20	W70	.934	12057	5.4	9	-F	3	C		.28				DE H
GRP46415	10	1803	1832	1811	N08	E49	.750	12072	14.4	29	--F				.87				2 2 2 2
BOUL	10	1759	1830	1808	N08	E49	.750	12072	14.4	31	-F	2	V	1808	1.00	1.90			
RAMY	10	1806	1833	1813	N08	E48	.739	12072	14.4	27	-N	3	C		.74				DE
GRP46416	10	2003	2018	2007	N08	E67	.917	12074	15.9	15	--F				.34				3 3 3 3
RAMY	10	2001	2017	2008U	N08	E66	.910	12074	15.8	16	-F	2	C		.46				DE
HUAN	10	2002	2013	2006	N08	E68	.923	12074	15.9	11	-F	1	C	2006	.15				D
BOUL	10	2006	2023	2008	N08	E68	.923	12074	15.9	17	-F	3	V	2008	.40	1.00			
417 BOUL	10	2051	2104	2053	N07	E47	.727	12072	14.4	13	--F	2	V	2053	.80	1.10			2
GRP46418	11	0011	0046	0033	N07	E44	.691	12072	14.3	35	-F				1.88				2 2 2 4
MANI	11	0011	0104	0037	N08	E43	.678	12072	14.2	53	-F			0037	.62	.85			
MANI	11	0011	0104	0013	N08	E43	.678	12072	14.2	53	-F	2		0013	.41	.56			
VORO	11	0023E	0047D		N07	E44	.691	12072	14.3	24D	1F		P	0024	3.24	4.45		60	EJL
MANI	11	0029E	0045	0033	N05	E46	.717	12072	14.5	16D	-F	2		0033	.52	.75			
GRP46423	11	0506	0530	0524	S07	W57	.852	12059	6.9	24	--F				.59				2 2 2 4
MANI	11	0506	0532	0525	S07	W58	.860	12059	6.9	26	-F	2		0525	.52	.94			
TEHR	11	0517E	0527	0522	S07	W56	.842	12059	7.0	10D	-F	3	V		.66				DE
GRP46425	11	0845	0922	0850	S07	W59	.869	12059	6.9	37	-N				.57				3 3 2 5
MANI	11	0845E	0905	0847	S05	W60	.874	12059	6.9	20D	-N	2		0847	.31	.57			
ISTA	11	0845E	0910		S07	W57	.852	12059	7.1	25D	-N								D
TEHR	11	0846	0952	0853	S08	W60	.879	12059	6.9	66	-N	3	V		.83				DE H
GRP46427	11	1045	1109	1049	S08	W59	.871	12059	7.0	24	--F				.92				3 2 2 9
TEHR	11	1044E	1103	1049	S08	W60	.879	12059	6.9	19D	-N	3	V		.99				DE
UPIC	11	1045	1114	1048	S08	W58	.862	12059	7.1	29	-F		P	1048	.85	.81			
CATA	11	1105E	1110D	1105	S03	W60	.871	12059	7.0	5D	-N	3		1105	.29	.59		(182)	
	11	1725	2210	NO FLARE PATROL															
GRP46433	11	2218	2240	2227	S06	W68	.933	12059	6.8	22	-N				.70				2 2 2 3
PALE	11	2218E	2239D	2228U	S05	W67	.926	12059	6.9	21D	-N	2	V		.77				DE
MANI	11	2223E	2240	2225	S07	W68	.934	12059	6.8	17D	-N	2		2225	.62	1.28			
435 MITK	11	2359E	0036D		S07	W68	.934	12059	6.9	37D	1N		C	2359	1.34				E 5
GRP46439	12	1013	1021	1015	N11	W79	.978	12073	6.5	8	--F				.17				1 1 1 2
ATHN	12	1013	1021	1015	N10	W78	.975	12073	6.6	8	-F	2	C		.17				DE
ATHN	12	1014E	1021	1015	N13	W80	.981	12073	6.4	7D	-F	3	V		.17				DE
	12	1955	2011	NO FLARE PATROL															
	12	2025	2044	NO FLARE PATROL															
	12	2045	2108	NO FLARE PATROL															
	12	2209	2222	NO FLARE PATROL															
	12	2226	2234	NO FLARE PATROL															
GRP46443	13	0356	0418	0401	N07	E17	.291	12072	14.4	22	1N				3.95				4 4 4 5
MITK	13	0355	0421	0358	N10	E15	.265	12072	14.3	26	1N		C	0358	2.06	2.20			EG
SIBE	13	0356	0413		N04	E21	.359	12072	14.7	17	2F		P	0401	10.57	11.40		61	EGL
MANI	13	0358E	0419	0401	N07	E16	.274	12072	14.4	21D	-N	2		0401	1.86	1.93			
TEHR	13	0403E	0417	0405	N05	E15	.258	12072	14.3	14D	-N	3	V		1.32				F
446 MEUD	13	1524	1535	1528	N13	E33	.548	12074	16.1	11	--F		C	1528	.41	.50			4

SOLAR FLARES
Confirmed

OCTOBER 1972

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GRP46447	14	0305	0335	0310	N12	E26	.444	12074	16.1	30	1N				3.49				5 5 5 6
SIBE	14	0303	0330D		N08	E27	.452	12074	16.2	27D	2F		S	0314	9.71	11.30		58	EGTU
CULG	14	0305	0415	0312	N12	E26	.444	12074	16.1	70	1N		C	0312	2.89	3.10			
MITK	14	0305	0348	0308	N11	E26	.441	12074	16.1	43	-N		C	0308	1.44	1.60			E
MANI	14	0305	0330	0310	N13	E26	.447	12074	16.1	25	-N	2		0310	1.75	1.94			
TEHR	14	0309E	0332	0309U	N15	E24	.426	12074	15.9	23D	-N	3	V		1.65				F
	14	1824	1828	NO FLARE PATROL															
	14	1829	1842	NO FLARE PATROL															
	14	1848	1918	NO FLARE PATROL															
	14	1945	2027	NO FLARE PATROL															
	14	2127	2207	NO FLARE PATROL															
GRP46454	15	1017	1030	1021	S13	E87	1.000	12086	22.0	13	1N				.62				3 3 3 6
TEHR	15	1015E	1031	1017	S10	E90	1.000	12086	22.2	16D	-B	4	V		.33				DE
CANR	15	1018	1025	1022	S11	E81	.991	12086	21.5	7	1N	2	C	1022	.65				
CATA	15	1025E	1035D	1025	S18	E90	1.001	12086	22.2	10D	1F	2		1025	.87			(145)	
GRP46456	15	1800	1831	1815	N19	W67	.916	12080	10.7	31	--F				.26				2 2 1 4
MCMA	15	1800	1831		N18	W67	.916	12080	10.7	31	-N		C	1815	.26	.70			D
BOUL	15	1812E	1830D	1815	N20	W67	.916	12080	10.7	18D	-F	2	V						
457 RAMY	15	1851E	1910	1852U	N19	W66	.909	12080	10.8	19D	-N	2	C		.74				DE 3
459 HUAN	15	1954	2005		N18	W68	.922	12080	10.7	11	--F	1	C	1958					ET 3
460 BOUL	15	2218E	2230D	2219	N20	W68	.923	12080	10.8	12D	--F	2	V						3
GRP46463	16	0832	0844	0836	S06	E65	.913	12079	21.2	12	--F				.44				3 3 3 8
ARCE	16	0830E	0840D		S05	E64	.905	12079	21.2	10D	-F		C	0835	.25	.60			
TEHR	16	0831	0844	0835	S07	E67	.928	12079	21.4	13	-N	4	V		.17				DE
ABST	16	0834	0843	0836	S05	E65	.912	12079	21.2	9	-F		C	0836	.90			78	D
GRP46469	16	1916	1929	1921	N19	W82	.986	12080	10.7	13	--F				.62				2 2 1 3
MCMA	16	1916E	1929D		N18	W82	.987	12080	10.7	13D	-F		P	1916					D
PALE	16	1920E	1929	1921	N20	W82	.986	12080	10.7	9D	-N	2	V		.62				F
470 PALE	16	2028E	2042	2029	S05	E58	.856	12079	21.2	14D	--N	2	V		.31				2
471 VORO	16	2230	2238	2232	S05	E58	.856	12079	21.3	8	-B		C	2232	.74	1.38		73	D 3
	17	1608	1617	NO FLARE PATROL															
	17	1629	1637	NO FLARE PATROL															
	17	2206	2300	NO FLARE PATROL															
476 VORO	17	2352	0002	2355	S06	E45	.734	12079	21.4	10	-B		C	2355	.84	1.16		61	DJ 3
477 VORO	18	0012	0022	0012	S06	E45	.724	12079	21.4	10	--B		C	0012	.65	.91		63	DJ 3
478 MANI	18	0211	0220	0212	S07	E70	.945	12086	23.3	9	--F	2		0212	.31	.34			2
487 HUAN	18	1434	1442	1440U	S18	E88	1.000	12089	25.2	8	--F	1	C	1440	.15				D 3
GRP46488	18	1524	1533	1527	S16	E44	.750	12086	21.9	9	--F				.46				2 2 1 2
RAMY	18	1522	1537	1526	S13	E42	.716	12086	21.8	15	-F	2	C		.46				DE H
HUAN	18	1526	1528	1527	S18	E46	.779	12086	22.1	2	-F	1	C	1527					
489 HUAN	18	1638	1640D		S18	E46	.779	12086	22.1	2D	--F	1	P	1639	.21	.32			D 2
490 RAMY	18	1833	1857	1837	S18	E79	.989	12089	24.7	24	--F	2	C						DE 2
491 PALE	18	1931E	1938	1934	S15	E39	.692	12086	21.7	7D	--N	3	V		.41				1
	18	1952	2015	NO FLARE PATROL															
	18	2056	2104	NO FLARE PATROL															
	18	2117	2121	NO FLARE PATROL															
	18	2124	2130	NO FLARE PATROL															
	18	2146	2207	NO FLARE PATROL															

SOLAR FLARES
Confirmed

OCTOBER 1972

OBSERVATORY	OBSERVED UT DATE 1972 OCT	START	END	MAX. PHASE	LOCATION APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	DURATION MIN.	IMPORTANCE	OBS. COND.	TYPE	MEASUREMENTS TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	REMARKS
GRP46492	19	0613	0634	0621	S18	E40	.719	12086	22.3	21	-N				.74				3 3 3 4
CRON	19	0613	0628		S18	E40	.719	12086	22.3	15	-F	3	V		.80				
CATA	19	0620E	0645	0620	S19	E38	.704	12086	22.1	25D	-N	2		0620	.58	.81		(166)	
TEHR	19	0622E	0630	0622U	S17	E41	.724	12086	22.3	8D	-N	4	V		.83				F
GRP46493	19	0740	0800	0744	S06	E27	.490	12079	21.3	20	--N				.82				3 3 3 5
MONT	19	0740	0746	0743	S07	E28	.510	12079	21.4	6	-N		C	0743	1.13				
CAPS	19	0744E	0747D		S05	E28	.498	12079	21.4	3D	-F	2	V	0747	1.00	1.20		(152)	
TEHR	19	0744E	0759	0744U	S07	E26	.482	12079	21.3	15D	-N	4	V		.33				F
MONT	19	0750	0800	0753	S07	E28	.510	12079	21.4	10	-N		C	0753	.72				
GRP46494	19	0923	0927	0923	S07	E27	.496	12079	21.4	4	--N				.52				2 1 1 8
MONT	19	0923	0927	0923	S07	E27	.496	12079	21.4	4	-N		C	0923	.52				
ARCE	19	0925E	0935D		S05	E27	.484	12079	21.4	10D	-F		C	0935	.20	.30			
GRP46495	19	0925	0940	0927	S03	E55	.825	12085	23.5	15	--F				.35				2 2 2 8
MONT	19	0925	0940	0927	S03	E56	.835	12085	23.6	15	-N		C	0927	.41				
ARCE	19	0930E	0940D		S02	E53	.804	12085	23.4	10D	-F		C	0930	.28	.50			
GRP46498	19	1101	1133	1105	S07	E25	.469	12079	21.3	32	-N				1.00				3 3 3 7
MONT	19	1101	1135D	1107	S07	E26	.482	12079	21.4	34D	-N		C	1107	1.86				H
RAMY	19	1102E	1131	1102U	S07	E26	.482	12079	21.4	29D	-F	3	V		.84				DE
CATA	19	1105E	1110D	1105	S08	E24	.462	12079	21.3	5D	-N	3		1105	.29	.32		(170)	
GRP46500	19	1229	1239	1232	S07	E25	.469	12079	21.4	10	--F				.48				4 4 4 9
ARCE	19	1228E	1240D		S05	E25	.456	12079	21.4	12D	-F		C	1235	.51	.60			
MEUD	19	1230	1240	1234	S07	E25	.469	12079	21.4	10	-F		C	1234	.41	.40			H
CATA	19	1230	1235	1230	S08	E24	.462	12079	21.3	5	-N	2		1230	.58	.65		(182)	
HUAN	19	1236E	1239		S07	E26	.482	12079	21.5	3D	-F	1	P	1237	.41	.47			E
GRP46501	19	1331	1335	1332	S07	E25	.469	12079	21.4	4	--F				.47				3 2 2 8
MEUD	19	1331	1335	1332	S07	E25	.469	12079	21.4	4	-F		C	1332	.31	.30			
MCMA	19	1331	1530D		S07	E25	.469	12079	21.4	119D	-N		C	1332	.62	.60			EJK
CAPS	19	1518E	1527D		S06	E25	.462	12079	21.5	9D	-N	3	V	1521	1.20	1.40		(182)	
GRP46506	19	1652	1728	1655	S07	E24	.455	12079	21.5	36	--N				.73				2 2 2 4
RAMY	19	1651	1725	1655	S07	E24	.455	12079	21.5	34	-N	2	C		.93				DE
MCMA	19	1652	1730D	1655	S07	E23	.441	12079	21.4	38D	-N		C	1655	.52	.60			E
GRP46507	19	1905	1930	1905	S07	E22	.427	12079	21.4	25	--N				.60				3 3 3 4
MCMA	19	1905E	1930D		S07	E22	.427	12079	21.4	25D	-N		C	1912	.52	.60			E
RAMY	19	1905E	1928	1905U	S07	E23	.441	12079	21.5	23D	-N	2	V		.65				F
HUAN	19	1905	1933D		S07	E22	.427	12079	21.4	28D	-B	1	C	1907	.62	.68			E
	19	2016	2022	NO FLARE PATROL															
508 HUAN	19	2022E	2026		S17	E66	.933	12089	24.8	4D	--N	1	P	2022	.31				CD 2
509 HUAN	19	2039	2046	2045U	S17	E66	.933	12089	24.8	7	--F	1	C	2045	.26				D 2
	20	0304	0312	NO FLARE PATROL															
GRP46513	20	0721	0745	0726	S11	E23	.473	12086	22.0	24	--N				.61				5 5 5 7
CRON	20	0721E	0725D		S12	E23	.482	12086	22.0	4D	-N	2	V		.80				
MANI	20	0723E	0732	0723	S12	E23	.482	12086	22.0	9D	-N	2		0723	.72	.82			
BUCA	20	0725E	0750D		S11	E23	.473	12086	22.0	25D	-F		C	0725	.55	.60			
TEHR	20	0728E	0747	0728U	S11	E23	.473	12086	22.0	19D	-N	4	V		.66				F
CAPS	20	0729E	0750D		S10	E22	.452	12086	22.0	21D	-N	1	S	0729	.30	.30			
515 HUAN	20	1553	1557	1555	S12	E18	.423	12086	22.0	4	--F	1	C	1555	.15	.17			D 3
GRP46516	20	1748	1848	1809	S10	E18	.402	12086	22.1	60	--F				.59				2 2 2 3
RAMY	20	1745	1825	1809	S10	E18	.402	12086	22.1	40	-F	2	C		.65				F
MCMA	20	1751	1910	1809	S09	E17	.380	12086	22.0	79	-N		C	1809	.52	.60			E
GRP46517	20	1749	1807	1755	S17	E52	.830	12089	24.6	18	-N				.60				3 3 3 4
MCMA	20	1749	1808	1754	S18	E53	.842	12089	24.7	19	-N		C	1754	.77	1.30			EL
PALE	20	1751E	1805	1756	S16	E50	.808	12089	24.5	14D	-N	2	V		.83				U
HUAN	20	1802E	1807		S17	E53	.839	12089	24.7	5D	-F	1	P	1803	.21	.37			E
GRP46518	20	1753	1823	1804	S08	E18	.382	12085	22.1	30	--N				.46				2 2 2 4
PALE	20	1753	1811	1804	S08	E18	.382	12085	22.1	18	-N	2	V		.46				
HUAN	20	1802E	1834D		S08	E18	.382	12085	22.1	32D	-N	1	C	1811	.46	.50			E
	20	1953	2022	NO FLARE PATROL															
	21	0444	0500	NO FLARE PATROL															

SOLAR FLARES
Confirmed

OCTOBER 1972

OBSERVATORY	OBSERVED UT DATE 1972 OCT	START	END	MAX. PHASE	LOCATION APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	DURATION MIN.	IMPORTANCE	OBS. COND.	TYPE	MEASUREMENTS TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	REMARKS
GRP46519	21	0805	0936	0933	S17	E88	1.000	12090	27.9	91	-F				1.08				3 2 1 7
ISTA	21	0805	0935		S17	E90	1.000	12090	28.1	90	-N								AD
ARCE	21	0818E	1000D		S14	E85	.998	12090	27.7	102D	-N		C	0818	.28				K
ABST	21	0931E	0936D	0933	S16	E85	.998	12090	27.8	5D	1F		P	0933	1.08				AD
523 CAPS	21	1537	1556D		S12	E90	1.000	12090	28.4	19D	1B	2	P						4
	21	1634	1636	NO FLARE PATROL															
GRP46524	21	1839	1856	1840	S13	E05	.327	12086	22.2	17	--F				.44				2 2 2 2
HUAN	21	1839	1854		S12	E04	.307	12086	22.1	15	-F	1	C	1844	.26	.27			D
PALE	21	1839E	1857	1840	S13	E06	.332	12086	22.2	18D	-N	2	V		.62				
525 PALE	21	2054E	2124	2056	S15	E08	.373	12086	22.5	30D	--N	2	V		.93				F 1
GRP46526	22	1031	1051	1034	S06	W16	.335	12079	21.2	20	--F				.95				2 2 2 4
ATHN	22	1031E	1051	1032	S05	W15	.312	12079	21.3	20D	-F	3	V		1.32				DE
CATA	22	1035E	1040D	1035	S07	W16	.345	12079	21.2	5D	-N	1		1035	.58	.61		(151)	
527 RAMY	22	1631	1639	1633	S07	E06	.237	12085	23.1	8	--F	3	C		.28				DE 2
528 RAMY	22	1653E	1658	1653U	N18	E87	.997	12095	29.2	5D	--F	3	C		.19				DE 3
GRP46530	22	1914	1922	1915	S06	E05	.214	12085	23.2	8	--F				.37				2 2 2 2
RAMY	22	1914	1921	1915	S07	E05	.230	12085	23.2	7	-F	3	C		.37				DE
PALE	22	1915E	1922D	1915U	S04	E04	.176	12085	23.1	7D	-N	2	V		.36				F
	22	2150	2213	NO FLARE PATROL															
GRP46532	22	2251	2304	2254	S15	E21	.486	12089	24.5	13	--N				.59				2 2 2 3
VORO	22	2251	2304	2253	S15	E20	.476	12089	24.5	13	-B		C	2253	.65	.72		74	DH
PALE	22	2253E	2302D	2255	S15	E22	.497	12089	24.6	9D	-F	3	V		.52				
GRP46534	23	0246	0256	0249	S12	W08	.326	12086	22.5	10	--N				.83				2 2 2 5
MANI	23	0245E	0255	0248	S12	W08	.326	12086	22.5	10D	-N	2		0248	1.03	1.08			
PALE	23	0246	0257	0249	S12	W07	.319	12086	22.6	11	-N	3	V		.62				F
GRP46538	23	0724	0750	0731	S13	W10	.355	12086	22.6	26	-N				1.49				2 2 2 5
ABST	23	0724	0758	0731	S14	W11	.377	12086	22.5	34	1N		C	0731	2.07	2.20			E
CRON	23	0725E	0741		S12	W08	.326	12086	22.7	16D	-N	2	V	0725	.90				
GRP46539	23	0921	0951	0925	S17	W14	.442	12086	22.3	30	--F				1.16				5 5 4 6
CATA	23	0920E	0935D	0925	S20	W12	.467	12086	22.5	15D	-N	2		0925	1.73	1.96		(151)	
ISTA	23	0920	1000		S16	W08	.386	12086	22.8	40	-F								E
TEHR	23	0922	0945	0927	S17	W16	.459	12086	22.2	23	-F	3	V		1.49				F
ATHN	23	0922E	0945	0922U	S13	W20	.454	12086	21.9	23D	-F	3	V		.50				DE
ARCE	23	0928E	0955D		S20	W12	.467	12086	22.5	27D	-N		C	0935	.92	1.00			U
GRP46540	23	0943	0951	0945	S11	E90	1.000	12094	30.2	8	--B				.15				2 2 1 4
ATHN	23	0943E	0951	0945	S12	E90	1.000	12094	30.2	8D	-N	3	V						DE
ARCE	23	0945E	0945D		S09	E90	1.000	12094	30.2		-B		C	0945	.15				
546 HUAN	23	1335	1340D		S09	E88	1.000	12094	30.2	5D	-N	1	P	1337	.41				4
548 ARCE	23	1345E	1400D		S14	E87	1.000	12094	30.1	15D	--F		C	1355	.12				3
	23	1414	1434	NO FLARE PATROL															
549 BOUL	23	1548	1558	1550	S07	W34	.589	12079	21.1	10	--F	3	V	1550	.20	.20			2
	23	1635	1653	NO FLARE PATROL															
550 MCMA	23	1840	1851D	1848	S13	W20	.454	12086	22.3	11D	--N		C	1848	.31	.30			D 2
551 MCMA	23	1847	1851D	1849	S13	E88	1.000	12094	30.4	4D	-N		C	1849					E 2
552 RAMY	23	1922	1939	1928	S08	E80	.987	12094	29.8	17	--F	3	C		.28				DE 3
GRP46553	23	1956	2010	2002	S18	E13	.447	12089	24.8	14	--N				.45				2 2 2 3
RAMY	23	1956	2010	2000	S19	E14	.468	12089	24.9	14	-N	3	C		.37				DE
PALE	23	2001E	2009D	2004U	S17	E12	.426	12089	24.7	8D	-N	3	V		.52				F H
554 VORO	23	2324	2341	2328	S10	E78	.982	12094	29.8	17	1N		C	2328	.84	4.00		74	DH 3
555 VORO	23	2345	2349	2346	S10	E79	.985	12094	29.9	4	1F		C	2346	.56	2.70		57	DH 4
GRP46556	24	0018	0026	0020	S11	E81	.991	12094	30.1	8	-N				.67				2 2 2 3
PALE	24	0017E	0026	0020	S12	E83	.995	12094	30.2	9D	-N	2	V		.41				F
VORO	24	0018	0026	0019	S10	E79	.985	12094	29.9	8	1N		C	0019	.93	4.47		71	D

SOLAR FLARES
Confirmed

OCTOBER 1972

OBSERV-ATORY	OBSERVED UT DATE 1972 OCT	START	END	MAX. PHASE	LOCATION APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	DURATION MIN.	IMPORTANCE	OBS. COND.	OBS. TYPE	MEASUREMENTS TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	REMARKS
	24	0204	0208	NO FLARE PATROL															
559 CRON	24	0343	0353		S13	E76	.977	12094	29.9	10	--N	2	V		.40				2
2 STATIONS REPORTING GROUP 46560. 0 STATIONS OBSERVING AND NOT REPORTING.																			
560 TACH	24	0524	0536	0526	S13	E85	.998	12094	30.6	12	1B		C	0526	.83		3.00	126	D 2
560 CRON	24	0523	0531	0528	S19	E71	.961	12094	29.5	8	*-N	2	C	0528	.32				2
GRP46562	24	0628	0650	0631	S13	E76	.977	12094	30.0	22	-N				.67				6 6 6 6
ABST	24	0626	0646	0630	S14	E79	.987	12094	30.2	20	1N		C	0630	.99			96	DZ
TACH	24	0628	0636	0630	S13	E80	.989	12094	30.3	8	1N		C	0630	.83		5.30	84	D
TEHR	24	0628	0650D	0632	S11	E83	.995	12094	30.5	22D	-N				.66				FH
ATHN	24	0628E	0638	0630	S12	E73	.964	12094	29.7	10D	-N	3	V		.66				DE
CRON	24	0629	0635	0631	S14	E70	.951	12094	29.5	6	-N	2	C	0631	.32				
CATA	24	0630	0635	0630	S12	E70	.949	12094	29.5	5	-B	2		0630	.58			(229)	TZ
46562	24	0628	0700	0648	S11	E78	.983	12094	30.1	32	*-F				.42				2 2 2 6
TEHR	24	0628	0650D	0648	S11	E83	.995	12094	30.5	22D	-N				.50				FH
ATHN	24	0648E	0700	0648U	S11	E72	.959	12094	29.7	12D	-F	3	V		.33				DE
GRP46564	24	0820	0835	0823	S10	E80	.988	12094	30.3	15	-N				.46				4 4 4 5
ABST	24	0819	0829	0821	S12	E85	.998	12094	30.7	10	1F		C	0821	.81			94	AD
CATA	24	0820	0835	0825	S08	E77	.978	12094	30.1	15	-N	2		0825	.29			(178)	
CAPS	24	0823E	0832D		S09	E77	.978	12094	30.1	9D	-B	2	V	0825	.30				C
BUCA	24	0825E	0842D		S09	E79	.985	12094	30.3	17D	-F		C	0830	.43				
GRP46565	24	0900	0945	0915	S12	E71	.954	12094	29.7	45	-N				.87				2 2 1 4
ISTA	24	0900E	0930		S12	E72	.959	12094	29.8	30D	-N								BE
CATA	24	0915E	1000	0915	S12	E69	.944	12094	29.6	45D	1N	2		0915	.87			(158)	TZ
GRP46566	24	1010	1027	1015	S14	E72	.961	12094	29.8	17	-B				.87				2 2 1 2
CATA	24	1010	1030	1015	S14	E72	.961	12094	29.8	20	1B	3		1015	.87			(240)	TZ
ISTA	24	1010	1024	1015	S13	E71	.955	12094	29.7	14	-N								
GRP46567	24	1051	1114	1112	S13	E75	.973	12094	30.1	23	-F				.25				3 2 1 6
MONT	24	1051	1100	1057	S13	E70	.950	12094	29.7	9	-N		C	1057	.72				
ISTA	24	1058	1114		S12	E70	.949	12094	29.7	16	-F								D
TEHR	24	1111E	1114	1112	S14	E79	.987	12094	30.4	3D	-N				.25				DE
GRP46568	24	1128	1136	1129	S10	E67	.930	12094	29.5	8	--F				.41				2 2 1 5
MONT	24	1126E	1130D	1129	S10	E67	.930	12094	29.5	4D	-N		C	1129	.41				
ISTA	24	1129	1136		S10	E67	.930	12094	29.5	7	-F								D
GRP46569	24	1155	1209	1200	S13	E71	.955	12094	29.8	14	--N				.32				5 5 3 6
ISTA	24	1146	1204		S12	E69	.944	12094	29.7	18	-N								
RAMY	24	1157E	1211		S12	E75	.972	12094	30.1	14D	-N	2	V						DE
CANR	24	1157	1157D		S12	E70	.949	12094	29.7		-B	1	V	1157	.40	.80			
CATA	24	1200	1215	1200	S14	E71	.956	12094	29.8	15	-B	3		1200	.29			(219)	T
HUAN	24	1202E	1207		S14	E72	.961	12094	29.9	5D	-F	1	P	1203	.26				E
570 RAMY	24	1238E	1250		S12	E70	.949	12094	29.8	12D	-N	3	V						DE 3
571 CATA	24	1255	1305	1255	S13	E65	.921	12094	29.4	10	-N	3		1255	.58	1.48		(195)	T 3
GRP46572	24	1343	1358	1345	S15	E72	.962	12094	30.0	15	-N				.57				4 4 4 5
LOCA	24	1340	1405	1345	S13	E67	.933	12094	29.6	25	1N		P	1345	.85	2.60			
HUAN	24	1343	1354	1344	S15	E74	.970	12094	30.1	11	-N	1	C	1344	.26				E
CAPS	24	1344E	1348D		S16	E73	.967	12094	30.0	4D	-N	1	S	1345	.58				C
CATA	24	1345	1355	1345	S15	E72	.962	12094	30.0	10	-B	3		1345	.58			(234)	E
573 RAMY	24	1508	1528	1511	S13	W33	.608	12086	22.2	20	--F	2	C		.65				DE 1
	24	1516	1520	NO FLARE PATROL															
574 CAPS	24	1538E	1541D		S10	W22	.449	12085	23.0	3D	--F	1	S	1540	1.60	1.90		(160)	F 2
575 BOUL	24	1545E	1600D	1545U	S13	W32	.596	12086	22.3	15D	--F	1	V						3
GRP46576	24	1557	1611	(1558U)	S14	E70	.951	12094	29.9	14	-N				.50				2 2 1 4
BOUL	24	1555E	1615D	1555U	S14	E70	.951	12094	29.9	20D	-N	1	V						
CANR	24	1558	1607		S14	E70	.951	12094	29.9	9	-N	2	V	1600	.50	1.20			
GRP46579	24	1806	1818	1808	S13	E67	.933	12094	29.8	12	--F								2 2 0 4
RAMY	24	1806E	1815		S13	E69	.945	12094	29.9	9D	-F	2	V						DE
BOUL	24	1808E	1820	1808U	S13	E65	.921	12094	29.6	12D	-N	1	V						

SOLAR FLARES
Confirmed

OCTOBER 1972

OBSERVATORY	OBSERVED UT DATE 1972 OCT	START	END	MAX. PHASE	LOCATION APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	DURATION MIN.	IMPORTANCE	OBS. COND.	TYPE	MEASUREMENTS TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	REMARKS
GRP46580	24	1900	1910	1903	S08	E31	.553	12090	27.1	10	--N				.50				3 3 3 3
RAMY	24	1900	1913	1902	S08	E31	.553	12090	27.1	13	-N	2	C		.74				DE
PALE	24	1900	1910	1904	S08	E30	.540	12090	27.0	10	-N	2	V		.62				
HUAN	24	1902U	1908	1904U	S08	E32	.567	12090	27.2	6D	-F	1	C	1904	.15	.19			D
581 PALE	24	1919E	1922	1919U	S15	E65	.924	12094	29.7	3D	-N	2	V		.46				2
GRP46582	24	1957	2005	1959	S14	E65	.922	12094	29.7	8	--N				.34				3 3 2 3
PALE	24	1957E	2004	1959	S15	E63	.911	12094	29.6	7D	-B	2	V		.41				
RAMY	24	1957	2008	1959	S13	E68	.939	12094	29.9	11	-N	2	V						DE
HUAN	24	1957	2003	1958	S13	E63	.907	12094	29.6	6	-N	1	C	1958	.26				E
GRP46583	24	2003	2017	2004	S09	E30	.546	12090	27.1	14	--F				.56				2 2 1 4
RAMY	24	2002	2018	2004	S08	E30	.540	12090	27.1	16	-F	2	C		.56				DE
HUAN	24	2004	2014D		S09	E30	.546	12090	27.1	10D	-F	1	C	2007					
RAMY	24	2005E	2016	2006U	S08	E30	.540	12090	27.1	11D	-F	2	V		.52				DE
GRP46584	24	2012	2026	2017	S14	E65	.922	12094	29.7	14	-N				.52				3 3 1 3
RAMY	24	2012	2027	2015	S13	E69	.945	12094	30.0	15	-N	2	V						DE
HUAN	24	2012	2014D		S13	E63	.907	12094	29.6	2D	-F	1	P						
PALE	24	2014E	2024	2018	S15	E63	.911	12094	29.6	10D	-B	2	V		.52				F
585 PALE	24	2047E	2052	2048	S10	E65	.917	12094	29.7	5D	--F	2	V		.26				2
GRP46587	24	2116	2127	2123	S12	E65	.920	12094	29.8	11	--F				.29				2 2 2 4
HUAN	24	2114	2122	2120U	S09	E64	.909	12094	29.7	8	-F	1	C	2120	.15	.34			D
HUAN	24	2119	2126	2122	S12	E67	.932	12094	29.9	7	-F	1	C	2122	.26				
PALE	24	2121E	2128	2124	S14	E65	.922	12094	29.8	7D	-F	2	V		.31				
588 PALE	24	2221E	2232	2224	S15	E63	.911	12094	29.7	11D	--N	2	V		.41				F H 2
GRP46589	24	2244	2255	2246	S14	E63	.909	12094	29.7	11	-N				.70				3 3 3 4
CRON	24	2244	2245	2244	S14	E59	.879	12094	29.4	1	-N	2	C	2244	.43	.91			
MANI	24	2245E	2300	2245	S13	E65	.921	12094	29.8	15D	-N	1		2245	.83	1.68			
PALE	24	2248E	2301	2249	S14	E65	.922	12094	29.8	13D	-N	2	V		.83				F
GRP46590	25	0025	2629	1634	S13	W32	.596	12086	22.6	004	-F				.82				4 2 2 7
CULG	24	2315	0229	0044	S15	W30	.587	12086	22.7	194	1N		C	0044	2.68	3.30			
MANI	24	2322E	0017	2322	S13	W32	.596	12086	22.6	55D	-N	1		2322	.62	.77			
MITK	25	0000E	0116D		S14	W31	.590	12086	22.7	76D	1B		P	0002	2.06	2.60			
CRON	25	0020E	0038	0025	S13	W31	.584	12086	22.7	18D	-F	3	V	0025	.40				
MANI	25	0030E	0038	0032	S13	W33	.608	12086	22.5	8D	-N	1		0032	1.24	1.55			
GRP46591	24	2342	2347	2343	S14	E62	.902	12094	29.6	5	-N				.92				3 3 3 5
PALE	24	2341	2347	2343	S15	E63	.911	12094	29.7	6	-N	2	V		.93				H
VORO	24	2342	2344	2342	S12	E61	.891	12094	29.6	2	1N		C	2342	1.11	2.38		62	DH
MANI	24	2345E	2350	2345	S14	E62	.902	12094	29.6	5D	-N	1		2345	.72	1.40			
GRP46593	25	0005	0013	0007	S13	E65	.921	12094	29.9	8	-N				.62				2 2 2 5
VORO	25	0005	0013	0007	S11	E65	.918	12094	29.9	8	1N		C	0007	.93	2.17		60	DH
PALE	25	0005E	0012	0006	S14	E64	.916	12094	29.8	7D	-N	2	V		.31				
GRP46594	25	0031	0036	0033	S12	E64	.913	12094	29.8	5	--F				.68				3 3 3 7
CRON	25	0031E	0035		S13	E62	.900	12094	29.7	4D	-F	3	V	0035	.40				
MANI	25	0031	0038	0032	S13	E64	.914	12094	29.8	7	-N	1		0032	.62	1.24			
VORO	25	0032	0036	0033	S11	E65	.918	12094	29.9	4	1F		C	0033	1.02	2.39		58	DH
GRP46598	25	0139	0148	0144	S12	E62	.898	12094	29.7	9	--N				.51				4 4 4 5
MANI	25	0130E	0144	0144	S12	E62	.898	12094	29.7	14D	-N			0144	.41	.83			
VORO	25	0141	0152	0144	S10	E64	.910	12094	29.9	11	1N		C	0144	.93	2.10		60	D
PALE	25	0142	0148	0144	S13	E61	.893	12094	29.6	6	-N	2	V		.31				H
CRON	25	0143	0146	0144	S13	E61	.893	12094	29.6	3	-F	3	V	0146	.40				
GRP46599	25	0226	0239	0229	S12	E63	.906	12094	29.8	13	1N				1.11				5 5 4 7
MANI	25	0220E	0238	0228	S12	E62	.898	12094	29.7	18D	-N	2		0228	1.03	2.07			
MANI	25	0220E	0238	0220	S12	E62	.898	12094	29.7	18D	-N			0220	.31	.62			
MANI	25	0221	0224	0224	S10	E60	.880	12094	29.6	3	-N	2		0224	.83	1.55			
CRON	25	0226	0230	0228	S13	E64	.914	12094	29.9	4	-F	3	V	0230	.45				
KODA	25	0228	0254D	0229	S15	E63	.910	12094	29.8	26D	1B		V	0229	2.23	2.20	3.24		E
VORO	25	0228	0235	0229	S10	E65	.917	12094	30.0	7	2F		C	0229		5.20		57	D
MITK	25	0232E	0248		S13	E65	.921	12094	30.0	8D	-F		P	0233	.72				D
MITK	25	0248	0253	0249	S14	E61	.894	12094	29.7	5	-F		P	0249	.72	1.60			D
603 MITK	25	0338E	0356	0349	S09	E61	.886	12094	29.7	18D	-N		C	0349	.93	2.00			D 4
GRP46606	25	0501	0509	0502	S13	E61	.893	12094	29.8	8	-F				.71				3 2 2 4
CRON	25	0501E	0506	0501U	S14	E62	.902	12094	29.9	5D	-F	3	V	0506	.70				
MANI	25	0502E	0511	0502	S12	E60	.883	12094	29.7	9D	-N	2		0502	.72	1.36			
TACH	25	0502E	0536	0516	S11	E61	.889	12094	29.8	34D	1N		C	0516	1.00	2.18	3.81	89	EKL

SOLAR FLARES
Confirmed

OCTOBER 1972

OBSERVATORY	OBSERVED UT DATE 1972 OCT	START	END	MAX. PHASE	LOCATION APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	DURATION MIN.	IMPORTANCE	OBS. COND.	TYPE	MEASUREMENTS TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	REMARKS
GRP46607	25	0624	0637	0629	S12	E61	.891	12094	29.8	13	1N				1.29				4 4 4 5
TACH	25	0623	0633	0626	S12	E63	.906	12094	30.0	10	1N		C	0626	1.37	3.03	5.00	72	Z
CRON	25	0624	0633	0627	S14	E59	.879	12094	29.7	9	-N	2	C	0627	.97	2.04			
CATA	25	0630E	0635	0630	S13	E62	.900	12094	29.9	5D	1N	1		0630	1.16	2.65		(195)	
ATHN	25	0634E	0644D	0634U	S10	E58	.863	12094	29.6	10D	1N	1	V		1.65				6
CRON	25	0634	0635	0634	S10	E59	.872	12094	29.7	1	-N	2	C	0634	.54	1.09			
6 STATIONS REPORTING GROUP 46608. 1 STATIONS OBSERVING AND NOT REPORTING.																			
GRP46608	25	0755	0833	0758	S09	E64	.909	12094	30.1	38	1N				1.64				4 4 4 6
TACH	25	0754	0823D	0800	S07	E67	.927	12094	30.4	29D	2F		C	0800	2.83		3.16	57	E
CRON	25	0756E	0822	0756U	S10	E64	.910	12094	30.1	26D	-N	3	V	0822	.40				
UPIC	25	0756	0811D		S10	E63	.903	12094	30.1	15D	1N		P	0805	1.68	1.98			TIF
BUCA	25	0759E	0855D		S09	E63	.901	12094	30.1	56D	1N		C	0800	1.66				
46608	25	0800	0846	0815	S09	E63	.901	12094	30.1	46	*-N				.95				2 2 2 7
CATA	25	0800	0840	0815	S10	E63	.903	12094	30.1	40	-N	3		0815	.69	1.61		(214)	
ARCE	25	0818E	0852D		S08	E63	.900	12094	30.1	34D	1N		C	0820	1.20	2.70			
GRP46610	25	0953	1001	0957	S10	E55	.837	12094	29.5	8	-B				.66				2 2 2 3
ARCE	25	0952E	1000D		S10	E54	.828	12094	29.5	8D	-B		C	0955	.66	1.20			
TEHR	25	0954	1001	0957	S10	E55	.837	12094	29.5	7	-N	4	V		.66				F
GRP46611	25	1004	1051	1008	S13	E58	.869	12094	29.8	47	1B				2.07				3 2 2 4
TEHR	25	1004	1041	1006	S12	E58	.867	12094	29.8	37	1B	4	V		1.82				F
CATA	25	1010E	1100D	1010	S13	E58	.869	12094	29.8	50D	1B	2		1010	2.31	4.68		(331)	Z
MEUD	25	1026E	1045		S15	E60	.889	12094	29.9	19D	-N		C	1027	1.03	2.00			
GRP46612	25	1135	1145	1136	S08	E56	.842	12094	29.7	10	1N				2.27				2 1 1 4
MEUD	25	1135	1145	1136	S07	E55	.831	12094	29.6	10	1N		C	1136	2.27	4.00			E
RAMY	25	1144E	1145D		S08	E56	.842	12094	29.7	1D	-N	1	C						DE
GRP46614	25	1458	1511	1502	S13	E50	.797	12094	29.4	13	-N				1.01				6 6 6 6
MCMA	25	1457	1515	1502	S13	E50	.797	12094	29.4	18	1B		C	1502	1.29	2.10			EV
BOUL	25	1457	1510	1503	S14	E48	.780	12094	29.2	13	-N	2	V	1503	1.10	2.00			
MEUD	25	1458	1507	1502	S12	E50	.794	12094	29.4	9	-N		C	1502	1.13	1.80			E
RAMY	25	1458	1510	1502	S12	E52	.814	12094	29.5	12	-N	2	C		1.39				DE
CATA	25	1500E	1500D	1500	S12	E50	.794	12094	29.4		-B	3		1500	.87	1.42		(219)	
CAPS	25	1505E	1511D		S16	E49	.797	12094	29.3	6D	-N	2	S	1507	.30	.60		(182)	
GRP46615	25	1540	1602	1550	S11	E56	.848	12094	29.9	22	-F				.26				2 2 1 3
MCMA	25	1531	1602	1550	S12	E56	.850	12094	29.8	31	-N		C						
MCMA	25	1531	1602	1533	S12	E56	.850	12094	29.8	31	-N		C	1533	.72	1.30			EK
HUAN	25	1548	1600U		S09	E55	.835	12094	29.8	12D	-F	1	C	1550	.26	.46			
46615	25	1602	1614	1602	S16	E60	.891	12094	30.2	12	*-F				.28				2 2 2 3
MCMA	25	1601	1620D	1602	S15	E59	.881	12094	30.1	19D	-F		C	1602	.41	.80			D
HUAN	25	1602	1607		S16	E60	.891	12094	30.2	5	-F	1	C	1604	.15	.31			D
GRP46616	25	1624	1639	1626	S15	E59	.881	12094	30.1	15	--F				.40				4 4 3 4
HUAN	25	1620	1634D	1625	S15	E58	.873	12094	30.0	14D	-N	1	C	1625	.41	.81			E
RAMY	25	1623	1637	1626	S13	E57	.861	12094	30.0	14	-F	2	C		.37				DE
MCMA	25	1625E	1643D		S15	E59	.881	12094	30.1	18D	-N		P	1625	.41	.80			E
BOUL	25	1626	1636	1626	S15	E60	.889	12094	30.2	10	-F	3	V						
GRP46618	25	1740	1750	1744	S14	E49	.790	12094	29.4	10	--F				.40				3 3 3 5
HUAN	25	1740	1748		S13	E49	.787	12094	29.4	8	-N	1	P	1745	.36	.58			E
PALE	25	1740	1750	1745	S16	E48	.787	12094	29.3	10	-F	2	V		.31				
RAMY	25	1741E	1751D	1742U	S13	E51	.807	12094	29.6	10D	-F	2	V		.52				DE
GRP46619	25	1915	1940	1926	S07	E54	.821	12094	29.9	25	--B				.69				3 3 3 4
MCMA	25	1915	1940	1926	S08	E53	.814	12094	29.8	25	-B		C	1926	.52	.90			EHV
HUAN	25	1915	1930D		S08	E53	.814	12094	29.8	15D	-B	1	P	1928	.52	.86			
PALE	25	1916E	1927D	1925	S06	E55	.829	12094	29.9	11D	-B	2	V		1.03				
620 MCMA	25	1950	2000D	1958	S10	E50	.788	12094	29.6	10D	-N		C	1958	.62	1.00			E 3
621 BOUL	25	2159	2212	2159U	S12	E49	.784	12094	29.6	13	1N	3	V	2203	1.80	2.70			1
GRP46622	25	2239	2252	2241	S10	E47	.757	12094	29.5	13	-B				.63				2 2 2 4
VORO	25	2239	2252	2240	S08	E45	.728	12094	29.3	13	-B		C	2240	.74	1.07		67	D
PALE	25	2239E	2244D	2241	S12	E48	.774	12094	29.5	5D	-N	1	V		.52				F
GRP46624	25	2327	2340	2328	S13	E46	.756	12094	29.4	13	1B				1.78				3 3 3 3
PALE	25	2327E	2329D	2329U	S12	E46	.753	12094	29.4	2D	-B	1	V		1.03				F
VORO	25	2327	2334	2328	S12	E46	.753	12094	29.4	7	1B		C	2328	1.94	2.92		95	D
CULG	25	2327	2345	2328	S16	E46	.768	12094	29.4	18	1N		C	2328	2.37	3.50			V

SOLAR FLARES
Confirmed

OCTOBER 1972

OBSERVATORY	OBSERVED UT DATE 1972 OCT	START	END	MAX. PHASE	LOCATION APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	DURATION MIN.	IMPORTANCE	OBS. COND.	TYPE	MEASUREMENTS TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	REMARKS
GRP46625	25	2343	2352	2347	S14	E53	.828	12094	30.0	9	-N				.53				2 2 2 3
VORO	25	2343	2352	2345	S14	E55	.846	12094	30.1	9	-B		C	2345	.74	1.34		80	D
PALE	25	2347E	2349D	2348U	S13	E50	.797	12094	29.7	2D	-F	1	V		.31				F
GRP46626	26	0001	0026	0009	S15	E53	.831	12094	30.0	25	-N				.78				2 2 2 3
VORO	26	0001	0014	0004	S11	E52	.811	12094	29.9	13	-B		C	0004	.84	1.39		79	D
VORO	26	0004	0022	0005	S15	E54	.840	12094	30.1	18	-B		C	0005	.65	1.14		77	D
MITK	26	0011E	0030D	0014	S17	E53	.837	12094	30.0	19D	-F		P	0014	.72	1.30			D
GRP46628	26	0159	0219	0200	S13	E49	.787	12094	29.8	20	-B				.91				2 2 2 4
PALE	26	0158	0226D	0200	S13	E50	.797	12094	29.8	28D	-N	1	V		.62				F
VORO	26	0159	0204	0159	S12	E48	.773	12094	29.7	5	-B		C	0159	1.20	1.88		80	E
VORO	26	0207	0212	0209	S12	E49	.784	12094	29.8	5	-B		C	0209	1.02	1.59		93	D
GRP46629	26	0315	0325	0316	S10	E48	.767	12094	29.7	10	-N				.77				2 2 2 2
CRON	26	0315E	0324	0315U	S11	E48	.770	12094	29.7	9D	-N	2	V	0315	.80				
TEHR	26	0316E	0326	0316U	S08	E47	.751	12094	29.7	10D	-N	2	V		.74				F
GRP46631	26	0641	0721	0651	S12	E47	.763	12094	29.8	40	1B				4.11				8 7 7 8
TEHR	26	0637	0736	0655	S12	E47	.763	12094	29.8	59	1B	4	V		4.29				F U
TACH	26	0638	0719	0649	S12	E50	.794	12094	30.0	41	2N		C	0649	5.93	9.47	5.24	117	EFK
CATA	26	0640	0645D	0640	S09	E46	.742	12094	29.7	5D	-N	3		0640	.29	.43		(191)	
CRON	26	0646	0704	0651	S14	E47	.770	12094	29.8	18	1N	2	C	0651	2.15	3.40			
MANI	26	0646E	0648	0648	S12	E48	.773	12094	29.9	2D	2B	1		0648	5.16	8.05			
ATHN	26	0650E	0715D	0650U	S10	E44	.723	12094	29.6	25D	1B	1	V		3.30				Z U
CATA	26	0650E	0740	0650	S12	E47	.763	12094	29.8	50D	1B	1		0650	1.73	2.68		(380)	Z
WEND	26	0652E	0721		S11	E46	.749	12094	29.7	29D	2N		V		6.19				
WEND	26	0652E	0717		S13	E50	.797	12094	30.0	25D	1N		V		3.09				
UPIC	26	0719E	0747		S14	E45	.749	12094	29.7	28D	1N		P	0719	2.73				TB
GRP46632	26	0920	0953	0923	S13	E42	.712	12094	29.5	33	-B				.93				5 5 5 9
ATHN	26	0910E	0927	0912	S08	E45	.728	12094	29.8	17D	-N	2	V		.66				DE
ATHN	26	0917	0940	0921	S14	E40	.695	12094	29.4	23	-B	2	V		.99				DE Z
CRON	26	0918	1012	0924	S14	E41	.706	12094	29.5	54	-N	3	V	0924	.80				
MONT	26	0919E	0932D	0929	S08	E45	.728	12094	29.8	13D	-N		C	0929	.72				
MONT	26	0920	0932D	0923	S14	E41	.706	12094	29.5	12D	-B		C	0923	1.86				
CAPS	26	0921E	0938D		S16	E41	.715	12094	29.5	17D	-B	3	V	0925	.40	.60		(325)	CH
CATA	26	0925	0940	0925	S13	E41	.701	12094	29.5	15	-N	3		0925	.58	.81		(191)	
ATHN	26	0935E	0946	0937	S08	E45	.728	12094	29.8	11D	-N	2	V		.16				DE
GRP46633	26	1114	1123	1118	S09	E44	.720	12094	29.8	9	-N				.94				3 3 3 7
UPIC	26	1112	1123	1116	S08	E44	.717	12094	29.8	11	-F		P	1116	1.29				TIE
CATA	26	1115	1125	1120	S09	E43	.708	12094	29.7	10	-B	3		1120	1.16	1.64		(214)	
HUAN	26	1116E	1121		S09	E44	.720	12094	29.8	5D	-N	1	P	1117	.36	.51			E
GRP46637	26	1254	1326	1257	S08	E43	.705	12094	29.8	32	1N				2.63				5 5 5 6
MCMA	26	1254	1322D	1256	S08	E42	.693	12094	29.7	28D	1N		C	1256	1.44	2.00			EV
CANR	26	1254	1302	1257	S09	E43	.708	12094	29.8	8	1N	2	C	1257	2.26	3.25			
UPIC	26	1255	1318	1256	S08	E43	.705	12094	29.8	23	1B		P	1256	1.68				TIC
ARCE	26	1256E	1339D		S09	E42	.696	12094	29.7	43D	2B		C	1332	4.80	6.70			K
RAMY	26	1257E	1347	1257U	S08	E44	.717	12094	29.8	50D	1N	2	C		2.97				F
GRP46638	26	1326	1353	1333	S05	E43	.696	12094	29.8	27	1B				5.35				5 5 5 5
RAMY	26	1257E	1347	1331U	S08	E44	.717	12094	29.8	50D	1B	2	C		3.90				F
MCMA	26	1323	1405	1332	S05	E43	.696	12094	29.8	42	2B		C	1332	3.61	5.00			FL
CATA	26	1325E	1355	1330	S09	E42	.696	12094	29.7	30D	1B	3		1330	2.90	4.03		(331)	
CANR	26	1327	1340	1334	S06	E41	.674	12094	29.6	13	1N	2	C	1334	2.69	3.63			
UPIC	26	1327	1347D	1335U	S08	E42	.693	12094	29.7	20D	1B		P	1335	3.57				TFIC
RAMY	26	1330	1358D	1332	S03	E45	.715	12094	29.9	28D	1N	2	C		2.12				F
CATA	26	1330	1355	1335	S02	E43	.689	12094	29.8	25	1B	3		1335	2.02	2.79		(219)	
UPIC	26	1331	1347D	1335U	S02	E43	.689	12094	29.8	16D	1N		P	1335	2.73				TC
CANR	26	1333	1350	1338	S01	E46	.723	12094	30.0	17	1B	3	V	1338	3.20	5.00			
642 MCMA	26	1908	1914	1910	S08	E39	.656	12094	29.7	6	--F		C	1910	.31	.40			D 3
643 HUAN	26	2026E	2035		S08	E38	.644	12094	29.7	9D	--F	1	P	2028	.15	.20			D 2
	26	2112	2245	NO FLARE PATROL															
645 PALE	26	2124E	2157	2127U	S10	E39	.664	12094	29.8	33D	-N	2	V		.83				F 1
645 PALE	26	2124E	2157	2145U	S10	E39	.664	12094	29.8	33D	*-B	2	V		1.34				F 1
	26	2358	0000	NO FLARE PATROL															

SOLAR FLARES
Confirmed

OCTOBER 1972

OBSERVATORY	OBSERVED UT DATE 1972 OCT	START	END	MAX. PHASE	LOCATION APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	DURATION MIN.	IMPORTANCE	OBS. COND.	TYPE	MEASUREMENTS TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	REMARKS
GRP46646	27	0132	0155	0140	S13	E37	.654	12094	29.8	23	-N				1.61				4 4 4 4
MITK	27	0126	0203	0140	S15	E37	.665	12094	29.8	37	1N		C	0140	2.27	3.10			
CRON	27	0127	0155	0142	S12	E34	.613	12094	29.6	28	-N	3	V	0155	1.20				
PALE	27	0136E	0146D	0139	S12	E37	.649	12094	29.8	10D	-F	2	V		.67				F
VORO	27	0139	0147	0140	S11	E38	.656	12094	29.9	8	1N		C	0140	2.31	2.99		71	D
GRP46647	27	0310	0320	0311	S09	E36	.622	12094	29.8	10	-N				.90				4 4 4 4
CRON	27	0308	0317	0312	S09	E35	.609	12094	29.8	9	-N	3	V	0312	.80				
PALE	27	0308	0317	0310	S09	E36	.622	12094	29.8	9	-N	2	V		.52				DE
MITK	27	0310	0324	0311	S10	E35	.614	12094	29.8	14	-N		C	0311	1.34	1.70			E
VORO	27	0312	0322	0312	S06	E36	.610	12094	29.8	10	-B		C	0312	.93	1.13		68	E
GRP46648	27	0352	0401	0355	S12	E34	.613	12094	29.7	9	--F				.90				3 3 3 3
MITK	27	0348	0356	0349	S14	E35	.636	12094	29.8	8	-F		C	0349	1.13	1.40			E
TEHR	27	0352E	0357D	0352U	S11	E34	.607	12094	29.7	5D	-N	1	V		.66				F
MITK	27	0354	0400	0357	S12	E35	.625	12094	29.8	6	-F		C	0357	1.44	1.80			H
CRON	27	0355	0401	0355D	S12	E33	.600	12094	29.6	6	-F	3	V	0355	.60				
GRP46649	27	0618	0629	0620	S12	E35	.625	12094	29.9	11	--F				.50				2 2 2 5
ATHN	27	0618	0630	0620	S12	E35	.625	12094	29.9	12	-F	2	C		.33				DE
TEHR	27	0619E	0628	0619U	S12	E34	.613	12094	29.8	9D	-N	3	V		.66				F
GRP46651	27	1009	1023	1010	S15	W70	.952	12086	22.2	14	-N				.66				2 2 2 4
ATHN	27	1009E	1028	1009U	S14	W69	.945	12086	22.2	19D	-N	3	V		.66				DE
TEHR	27	1009E	1018	1010U	S15	W70	.952	12086	22.2	9D	-N	2	V		.66				F
GRP46652	27	1106	1123	1113	S14	E33	.613	12094	29.9	17	-B				.76				2 2 2 5
RAMY	27	1106	1125	1111	S14	E33	.613	12094	29.9	19	-N	2	C		.65				DE
CATA	27	1115E	1120	1115	S14	E32	.601	12094	29.9	5D	-B	2		1115	.87	1.08		(209)	
GRP46654	27	1211	1223	1214	S11	E25	.493	12094	29.4	12	--N				.66				4 3 3 5
RAMY	27	1211	1225	1212	S07	E24	.450	12094	29.3	14	-F	4	V		.41				DE H
ATHN	27	1214E	1220	1214U	S12	E27	.526	12094	29.5	6D	-N	3	V		.99				DE
CATA	27	1215E	1215D	1215	S13	E25	.509	12094	29.4		-B	3		1215	.58	.67		(245)	
CANR	27	1225	1237	1228	S07	E29	.519	12094	29.7	12	-N	2	C	1228	.43	.50			
GRP46656	27	1440	1457	1443	S13	E26	.521	12094	29.6	17	--F				.25				2 2 2 3
RAMY	27	1440E	1455	1441U	S12	E26	.513	12094	29.6	15D	-F	4	V		.28				DE
MCMA	27	1440	1458	1445	S13	E26	.521	12094	29.6	18	-N		C	1445	.21	.30			DH
657 MCMA	27	1519	1600D	1522	S12	E26	.513	12094	29.6	41D	--F		C	1522	.41	.50			EH 3
GRP46658	27	1604	1624	1612	S14	E25	.518	12094	29.5	20	--F				.36				2 2 2 3
MCMA	27	1604	1625	1613	S12	E23	.476	12094	29.4	21	-N		C	1613	.26	.30			D
RAMY	27	1610E	1623	1611U	S13	E25	.509	12094	29.5	13D	-F	4	V		.46				DE
MCMA	27	1618	1635	1623	S18	E28	.586	12094	29.8	17	-F		C	1623	.93	1.10			EFL
GRP46659	27	1707	1716	1710	S11	E22	.455	12094	29.4	9	--N				.30				3 3 3 3
MCMA	27	1707	1716	1711	S12	E22	.464	12094	29.4	9	-N		C	1711	.21	.30			E
RAMY	27	1707E	1716	1709	S09	E22	.438	12094	29.4	9D	-F	4	V		.37				DE
HUAN	27	1710E	1711D		S13	E23	.485	12094	29.4	1D	-N	1	P	1710	.31	.36			H
GRP46660	27	1744	1802	1752	S11	E26	.505	12094	29.7	18	--N				.55				3 3 3 3
RAMY	27	1743	1802D	1752U	S11	E23	.467	12094	29.5	19D	-N	3	V		.66				DE
RAMY	27	1743	1802D	1746U	S11	E23	.467	12094	29.5	19D	-F	3	V		.46				DE
HUAN	27	1744	1800D	1753U	S13	E27	.533	12094	29.8	16D	-N	1	P	1753	.46	.55			E
PALE	27	1748E	1754D	1750U	S10	E27	.511	12094	29.8	6D	-F	2	V		.52				F
	27	1801	1807	NO FLARE PATROL															
	27	1813	1830	NO FLARE PATROL															
661 PALE	27	1830E	1837	1831U	S09	E26	.491	12094	29.7	7D	--F	2	V		.46				F 1
GRP46662	27	1845	1929	1857	S15	E25	.526	12094	29.7	44	1N				3.11				4 4 4 4
PALE	27	1845	1935D	1857	S13	E24	.497	12094	29.6	50D	1N	2	V		3.82				DE
RAMY	27	1845E	1922	1856	S14	E23	.494	12094	29.5	37D	1N	2	V		4.29				F
RAMY	27	1845E	1922	1851	S14	E23	.494	12094	29.5	37D	1N	2	V		2.97				F
MCMA	27	1847E	1902D		S19	E25	.563	12094	29.7	15D	1B		P	1858	2.06	2.50			EFL
HUAN	27	1849E	1914D		S15	E28	.561	12094	29.9	25D	1N	1	P	1849	2.27	2.73			I
663 RAMY	27	1957E	2005	1957U	S04	W76	.972	12085	22.1	8D	--F	3	V		.66				DE 1
664 RAMY	27	1957	2014	1959	S11	E22	.455	12094	29.5	17	-N	3	V		.99				DE 1
	27	2031	2236	NO FLARE PATROL															
	27	2351	2352	NO FLARE PATROL															

SOLAR FLARES
Confirmed

OCTOBER 1972

OBSERVATORY	OBSERVED UT DATE 1972 OCT	START	END	MAX. PHASE	LOCATION APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	DURATION MIN.	IMPORTANCE	OBS. COND.	TYPE	MEASUREMENTS TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	REMARKS
	27	2356	0003	NO FLARE PATROL															
	28	0013	0029	NO FLARE PATROL															
	28	0058	0110	NO FLARE PATROL															
666 VORO	28	0322	0342	0323	S13	E25	.508	12094	30.0	20	--B		C	0323	.74	.85		64	D 3
GRP46667	28	0350	0436	0405	S15	E24	.514	12094	30.0	46	-N				2.00				3 3 3 4
VORO	28	0350	0446	0359	S16	E23	.512	12094	29.9	56	1N		C	0446	2.40	2.75		72	E
KODA	28	0351E	0421	0411	S16	E26	.546	12094	30.1	30D	-B		V	0411	1.95	1.90	2.04		D
TEHR	28	0405E	0441	0405U	S13	E23	.484	12094	29.9	36D	-F				1.65				F
46667	28	0422	0440	0423	S16	E22	.502	12094	29.8	18	*1B				3.32				4 4 4 4
TEHR	28	0405E	0441	0420	S13	E23	.484	12094	29.9	36D	1B				3.30				
CRON	28	0420	0433	0423	S17	E20	.491	12094	29.7	13	1N	2	C	0423	2.26	2.61			
VORO	28	0421	0446	0421	S16	E23	.512	12094	29.9	25	1N		C	0421	2.87	2.99		76	EL
KODA	28	0426	0431D	0429	S16	E23	.512	12094	29.9	5D	1B		P	0429	4.84	4.80	2.36		EH
669 TEHR	28	0453	0540D	0458	S13	E22	.472	12094	29.9	47D	--N				.50				DE 2
GRP46672	28	0640	0701	0648	S14	E22	.482	12094	29.9	21	-B				1.22				2 2 2 4
CATA	28	0640E	0705D	0645	S14	E20	.459	12094	29.8	25D	-B	3		0645	1.44	1.63		(245)	
TEHR	28	0645E	0656	0650	S13	E23	.484	12094	30.0	11D	-N				.99				F
4 STATIONS REPORTING GROUP 46674.					1 STATIONS OBSERVING AND NOT REPORTING.														
GRP46674	28	0923	0953	0928	S15	E18	.448	12094	29.7	30	--N				.54				2 2 2 4
TEHR	28	0923E	0936	0925	S15	E20	.470	12094	29.9	13D	-N				.50				F
CATA	28	0930E	1010	0930	S14	E16	.416	12094	29.6	40D	-N	3		0930	.58	.63		(195)	
46674	28	0944	1005	0947	S14	E18	.437	12094	29.8	21	*-F				1.16				2 2 2 6
ATHN	28	0943E	1003	0943U	S13	E17	.415	12094	29.7	20D	-F	2	V		.83				DE
HERS	28	0944	1006	0950	S14	E18	.437	12094	29.8	22	-F		C	0946	1.49	1.70			DL
GRP46675	28	1013	1029	1016	S15	E19	.459	12094	29.9	16	--N				.72				5 5 5 5
TEHR	28	1010E	1024	1012	S16	E17	.450	12094	29.7	14D	-N				.66				DE
CRON	28	1012	1015D	1015U	S12	E23	.475	12094	30.1	3D	-F	3	V	1015	.40				
CANR	28	1013	1030	1016	S17	E20	.491	12094	29.9	17	-F	1	V		1.00	1.00			
ATHN	28	1014E	1026	1015	S15	E18	.448	12094	29.8	12D	-N	2	V		.66				DE
CATA	28	1015	1035	1020	S16	E18	.460	12094	29.8	20	-B	3		1020	.87	.97		(240)	
GRP46677	28	1239	1250	1245	S06	W88	1.000	12085	21.9	11	-N				.69				2 2 1 6
RAMY	28	1232E	1250D		S05	W85	.997	12085	22.1	18D	-N	2	V						DE
RAMY	28	1232E	1250D		S05	W85	.997	12085	22.1	18D	-F	2	V						DE
CATA	28	1245	1250D	1245	S07	W90	1.000	12085	21.8	5D	1N	2		1245	.69			(158)	
GRP46681	28	1531	1539	1532	S07	E14	.314	12094	29.7	8	--N				.42				2 2 2 3
RAMY	28	1530E	1540	1530U	S06	E14	.303	12094	29.7	10D	-N	3	V		.52				DE
HUAN	28	1531	1539	1534	S07	E14	.314	12094	29.7	8	-N	1	C	1534	.31	.32			
RAMY	28	1531E	1539	1532	S07	E13	.301	12094	29.6	8D	-N	2	C		.46				DE
682 HUAN	28	1618	1621	1618	S13	E16	.404	12094	29.9	3	--F	2	C	1618	.21	.22			D 2
683 HUAN	28	1622	1626D		S11	E15	.370	12094	29.8	4D	--F	1	P	1626	.21	.22			D 2
GRP46684	28	1700	1733	1717	S14	E15	.406	12094	29.8	33	-N				1.55				2 2 2 3
HUAN	28	1700	1717D		S15	E15	.419	12094	29.8	17D	-N	1	P	1716	1.34	1.47			E
PALE	28	1712E	1733	1717	S13	E15	.394	12094	29.8	21D	-N	2	V		1.75				DE
GRP46685	28	1752	1911	1801	S09	E67	.928	12099	2.8	79	1B				1.21				2 2 2 4
HUAN	28	1752	1911D		S10	E67	.929	12099	2.8	79D	1N	1	P	1810	.98				L
PALE	28	1756E	1805D	1801	S08	E67	.927	12099	2.8	9D	1B	2	V		1.44				FDE
687 HUAN	28	1805	1812	1807	S10	E10	.306	12094	29.5	7	--N	1	C	1807	.31	.32			H 3
688 HUAN	28	1829	1838	1831	S13	E13	.374	12094	29.7	9	--F	1	C	1831	.62	.67			E 2
689 HUAN	28	1833	1845U		S08	W90	1.000	12085	22.0	12D	--F	1	C	1838	.26				3
690 RAMY	28	1942E	2000D	1942	S15	E12	.392	12094	29.7	18D	--F	4	V		.33				DE 1
	28	2012	2042	NO FLARE PATROL															
	28	2134	2250	NO FLARE PATROL															
	28	2325	0016	NO FLARE PATROL															

SOLAR FLARES
Confirmed

OCTOBER 1972

OBSERVATORY	OBSERVED UT DATE 1972 OCT	START	END	MAX. PHASE	LOCATION APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	DURATION MIN.	IMPORTANCE	OBS. COND.	TYPE	MEASUREMENTS TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	REMARKS
GRP46691	29	0037	0059	0042	S10	E04	.263	12094	29.3	22	-N				1.71				3 3 3 3
CRON	29	0036	0053	0042	S10	E04	.263	12094	29.3	17	-N	2	C	0042	1.18	1.19			
CULG	29	0037	0105	0041	S09	E04	.246	12094	29.3	28	1N		C	0041	3.30	3.40			
VORO	29	0037	0058	0042	S11	E05	.284	12094	29.4	21	-B		C	0042	.65	.67		74	DH
	29	0152	0155	NO FLARE PATROL															
GRP46692	29	0223	0236	0224	S11	E06	.289	12094	29.5	13	--N				.72				3 3 3 4
MANI	29	0222	0239	0223	S11	E04	.279	12094	29.4	17	-N	2		0223	.93	.96			
VORO	29	0223	0232	0225	S12	E06	.305	12094	29.5	9	-B		C	0225	.84	.87		62	D
CRON	29	0225E	0225D		S11	E05	.284	12094	29.5		-N	1	V		.40				
MANI	29	0237E	0312	0311	S11	E13	.348	12094	30.1	35D	-N	2		0311	.83	.87			
GRP46693	29	0257	0332	0311	S13	E07	.326	12094	29.6	35	1N				2.07				4 3 3 4
VORO	29	0257	0354	0306	S12	E07	.311	12094	29.6	57	1N		C	0306	2.77	2.95		67	E
MANI	29	0311E	0312	0311	S12	E07	.311	12094	29.7	1D	-N	2		0311	1.03	1.08			
CRON	29	0315E	0330	0315U	S15	E08	.362	12094	29.7	15D	1N	1	V	0315	2.40				
TEHR	29	0341E	0402	0341U	S14	E07	.341	12094	29.7	21D	-N	1	V		.99				F
GRP46696	29	0547	0615	0558	S09	E07	.265	12094	29.8	28	--F				.93				2 2 2 3
RAMY	29	0538E	0616	0555U	S07	E06	.227	12094	29.7	38D	-N	3	V		1.03				DE
TEHR	29	0555	0613	0601	S11	E07	.295	12094	29.8	18	-F	3	V		.83				F
GRP46699	29	0804	0824	0808	S16	E06	.367	12094	29.8	20	--N				.70				5 5 4 7
TEHR	29	0800	0825	0806	S15	E06	.351	12094	29.8	25	-N				.50				DE
ISTA	29	0802	0830		S15	E06	.351	12094	29.8	28	-N								E
ATHN	29	0804E	0819	0806	S17	E07	.387	12094	29.9	15D	-N	2	V		.66				F
CATA	29	0805	0820	0810	S16	E07	.372	12094	29.9	15	-B	3		0810	.58	.62		(214)	
ARCE	29	0807	0825	0809	S15	E06	.351	12094	29.8	18	-N		C	0809	1.07	1.10			
GRP46700	29	0928	0953	0935	S10	E00	.254	12094	29.4	25	-B				1.03				6 6 5 6
ISTA	29	0925	0956	0932	S10	E02	.256	12094	29.5	31	-B								
TEHR	29	0928E	0954	0931	S09	E01	.237	12094	29.5	26D	-N	3	V		.66				DE
CRON	29	0929U	0947	0932	S09	W02	.239	12094	29.2	18D	-F	2	C	0932	.75	.75			
ARCE	29	0931	0950	0937	S10	E00	.254	12094	29.4	19	-B		C	0937	1.83	1.90			
CATA	29	0935E	0955	0935	S10	W01	.254	12094	29.3	20D	-B			0935	.87	.89		(355)	
LOCA	29	0940E	0955	0940	S11	W01	.271	12094	29.3	15D	-B		V	0940	1.05	1.10			
GRP46701	29	1050	1115	1055	S09	W02	.239	12094	29.3	25	--F				.45				2 2 2 6
RAMY	29	1050E	1123	1055	S09	W02	.239	12094	29.3	33D	-N	2	C		.56				DE
TEHR	29	1050	1107	1054	S09	W01	.237	12094	29.4	17	-F	3	V		.33				F
703 RAMY	29	1245	1256	1247	S07	E02	.206	12094	29.7	11	--F	2	C		.37				DE 4
705 HUAN	29	1436	1453U		S10	W04	.263	12094	29.3	17D	--F	1	C	1444	.21	.21			D 3
3 STATIONS REPORTING GROUP 46706. 0 STATIONS OBSERVING AND NOT REPORTING.																			
GRP46706	29	1613	1626	1616	S15	W02	.339	12094	29.5	13	-B				.62				3 3 3 3
CANR	29	1612	1623	1617	S16	W02	.355	12094	29.5	11	-N	2	C	1617	.54	.57			
HUAN	29	1613	1626	1616	S15	W02	.339	12094	29.5	13	-B	2	C	1616	.57	.60			E
RAMY	29	1613	1628	1616	S14	W01	.321	12094	29.6	15	-B	3	V		.74				DE
46706	29	1750	1804	1752	S13	W03	.308	12094	29.5	14	*-N				.47				2 2 2 2
RAMY	29	1748	1759D	1750	S10	W01	.254	12094	29.7	11D	-N	3	C		.58				ZDE
HUAN	29	1751	1804	1753	S16	W04	.360	12094	29.4	13	-N	1	C	1753	.36	.39			
46706	29	1544	2020	1747	S10	E05	.268	12094	30.0	276	*2N				3.61				3 1 1 3
HUAN	29	1544	2020D		S10	E05	.268	12094	30.0	276D	2N	1	C	1926	3.61	3.78			IK
CANR	29	1558	1610	1603	S10	E07	.280	12094	30.2	12	-N	2	V	1605	.60	.60			
RAMY	29	1925E	1945D	1930U	S15	W04	.344	12094	29.5	20D	-F	3	V		.99				DE
707 RAMY	29	2044	2054	2046	S15	W05	.347	12094	29.5	10	--N	3	V		.46				DE 1
GRP46709	29	2346	0003	2349	S16	W08	.377	12094	29.4	17	-N				1.41				2 2 2 2
CULG	29	2345	0003	2348	S15	W07	.357	12094	29.5	18	1N		C	2348	2.06	2.10			
CRON	29	2346	2351D	2349	S16	W08	.377	12094	29.4	5D	-N	2	C	2349	.75	.81			
	29	2359	0000	NO FLARE PATROL															
46709	30	0011	2530	0011	S15	W07	.355	12094	29.5	959	*-N				1.00				2 1 1 3
CULG	29	2348E	0130	0013	S16	W01	.354	12094	29.9	102D	1F		C	0013	2.06	2.10			
CRON	30	0011E	0024	0011U	S15	W07	.355	12094	29.5	13D	-N	3	V	0011	1.00				
46709	30	0040	0103	0044	S17	W02	.370	12094	29.9	23	*-N				1.24				2 2 2 3
MANI	30	0040E	0040	0040	S17	W01	.368	12094	30.0		-N	2		0040	1.34	1.44			
MITK	30	0046E	0125	0048	S17	W02	.370	12094	29.9	39D	-N		C	0048	1.13	1.20			H

SOLAR FLARES
Confirmed

OCTOBER 1972

OBSERVATORY	OBSERVED UT DATE 1972 OCT	START	END	MAX. PHASE	LOCATION APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	McMATH PLAGE REGION	CMP DAY	DURATION MIN.	IMPORTANCE	OBS. COND.	TYPE	MEASUREMENTS TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	REMARKS
GRP46710	30	0142	0158	0145	S09	W09	.281	12094	29.4	16	-B				.63				2 2 2 3
VORO	30	0142	0159	0146	S09	W08	.272	12094	29.5	17	-B		C	0146	.65	.67		62	E
CRON	30	0143E	0157	0143U	S08	W09	.267	12094	29.4	14D	-N	3	V	0143	.60				
VORO	30	0144	0155	0146	S10	W10	.304	12094	29.3	11	-N		C	0146	1.29	1.32		59	D
GRP46711	30	0229	0243	0231	S08	W01	.219	12094	30.0	14	--N				.37				2 1 1 3
VORO	30	0229	0243	0231	S08	W01	.219	12094	30.0	14	-N		C	0231	.37	.37		60	D
CRON	30	0230E	0243	0232	S13	W10	.345	12094	29.4	13D	-N	3	V	0232	.50				
GRP46712	30	0411	0432	0418	S14	W02	.321	12094	30.0	21	--F				.52				2 1 1 4
MITK	30	0411	0432	0418	S14	W02	.321	12094	30.0	21	-F		C	0418	.52	.60			D
KODA	30	0417E	0515	0503	S14	W06	.334	12094	29.7	58D	-N		C	0417	1.36	1.30			E
713 CRON	30	0517	0528		S11	W10	.317	12094	29.5	11	--N	3	V		.50				2
714 CRON	30	0620	0635		S13	W11	.354	12094	29.4	15	--N				.30				2
8 STATIONS REPORTING GROUP 46715.					1 STATIONS OBSERVING AND NOT REPORTING.														
GRP46715	30	0735	0822	0759	S09	W04	.245	12094	30.0	47	1N				3.48				6 5 4 9
CATA	30	0735E	0750D	0745	S09	W04	.245	12094	30.0	15D	1N	3		0745	3.76	3.88		(200)	
ISTA	30	0735E	0807		S11	W05	.282	12094	29.9	32D	1N								B
WEND	30	0742E	0832		S11	W03	.274	12094	30.1	50D	2B		P		2.06				
CAPF	30	0745E	0830		S09	W06	.256	12094	29.9	45D	2N		P	0753	5.36	5.46			B
ARCE	30	0755E	0820D		S06	W02	.187	12094	30.2	25D	1N		C	0755	2.74	2.80			B
TEHR	30	0813E	0852D	0813U	S13	W04	.310	12094	30.0	39D	1B				3.71				DEH
46715	30	0722	0813	0731	S10	W03	.257	12094	30.1	51	*1B				3.51				2 2 2 3
CRON	30	0722	0805	0731	S10	W04	.261	12094	30.0	43	1N	2	C	0731	3.01	3.01			
CAPS	30	0723E	0820D	0730	S09	W02	.238	12094	30.2	57D	1B	2	P	0730	4.00	4.20		(420)	
46716	30	0845	0935	0914	S13	W08	.331	12094	29.8	50	--F				.63				3 2 1 8
ARCE	30	0841E	0900D		S12	W13	.359	12094	29.4	19D	-F		C	0846	.86	.90			
ISTA	30	0845	0931		S13	W10	.345	12094	29.6	46	-F								E
UPIC	30	0908E	0941	0914	S12	W08	.316	12094	29.8	33D	-N		P	0914	.63				TIE
UPIC	30	0908E	0938	0914U	S12	W04	.294	12094	30.1	30D	-N		P	0914	.42				TIE
GRP46717	30	0948	1015	0952	S10	W05	.266	12094	30.0	27	-N				2.04				8 8 7 9
UPIC	30	0941	1023	1002	S10	W13	.334	12094	29.4	42	1B		P	1002	2.10				TIF
ARCE	30	0945E	1007D		S10	W04	.261	12094	30.1	22D	-F		C	0950	1.55	1.60			
UPIC	30	0947	1015	0951	S09	W06	.256	12094	30.0	28	-B		P	0951	.63				TI
ISTA	30	0947	1004D		S10	W04	.261	12094	30.1	17D	-N								
CAPS	30	0948E	1030D		S09	W04	.245	12094	30.1	42D	-B	3	V	0950	.80	.80		(270)	
CANR	30	0948	1001	0953	S11	W06	.287	12094	30.0	13	-N	2	C	0953	1.18	1.19			
MEUD	30	0948	1005	0949	S10	W05	.266	12094	30.0	17	-N		C	0949	1.03	1.00			E
WEND	30	0949	1042		S11	W05	.282	12094	30.0	53	2N		V		6.19				
CATA	30	0950	0955D	0955	S10	W05	.266	12094	30.0	5D	-B	3		0955	1.44	1.50		(288)	
GRP46718	30	1034	1042	1036	S13	W10	.345	12094	29.7	8	-B				1.41				4 4 4 7
UPIC	30	1019E	1100	1019	S08	W10	.277	12094	29.7	41D	-N		P	1019	1.05				TIK
UPIC	30	1029	1036	1034U	S11	W07	.294	12094	29.9	7	-F		P	1034	.42				TI
UPIC	30	1029	1041	1036	S14	W12	.376	12094	29.5	12	-B		P	1036	1.68				TI
CANR	30	1034	1042	1036	S11	W08	.301	12094	29.8	8	1B	3	V	1036	1.50	3.00			
MEUD	30	1036	1040		S15	W12	.390	12094	29.5	4	-F		C	1037	1.03	1.10			E
CAPS	30	1036	1043D		S15	W12	.390	12094	29.5	7D	-B	3	V	1038	1.00	1.00		(260)	
GRP46720	30	1217	1235	(1220)	S20	W45	.773	12090	27.1	18	--B				.25				3 2 1 6
WEND	30	1217	1235		S18	W44	.754	12090	27.2	18	-B								
ARCE	30	1220E	1235D		S21	W46	.786	12090	27.1	15D	-N		C	1220	.25	.40			
CAPS	30	1226E	1229D		S21	W45	.777	12090	27.1	3D	-N	1	S						
6 STATIONS REPORTING GROUP 46721.					0 STATIONS OBSERVING AND NOT REPORTING.														
GRP46721	30	1219	1235	1226	S12	W14	.369	12094	29.5	16	--N				.60				6 6 4 6
WEND	30	1215	1238		S12	W15	.380	12094	29.4	23	-N								
UPIC	30	1218	1247	1227U	S13	W14	.382	12094	29.5	29	-N		P	1227	.85				TI
ARCE	30	1220	1240		S13	W15	.392	12094	29.4	20	-N		C	1224	.44	.50			
UPIC	30	1222	1235	1223	S10	W12	.323	12094	29.6	13	-N		P	1223	1.05				TI
UPIC	30	1223	1255	1247	S07	W11	.275	12094	29.7	32	-F		P	1247	.63				TIK
HUAN	30	1225E	1228		S13	W16	.402	12094	29.3	3D	-F	1	P	1225	.26	.28			
CAPS	30	1226E	1229D		S13	W13	.372	12094	29.5	3D	-N	1	S						
RAMY	30	1229E	1242	1229U	S12	W14	.369	12094	29.5	13D	-F	3	C		.65				DE
721 UPIC	30	1222	1255	1230	S15	W06	.350	12094	30.1	33	*-N		P	1230	.63				TIK 6
GRP46722	30	1351	1402	(1355)	N14	E53	.799	12103	3.6	11	--B				.12				2 2 1 5
ARCE	30	1350	1355		N14	E53	.799	12103	3.6	5	-B		C	1355	.12	.20			D
WEND	30	1352	1408		N13	E52	.788	12103	3.5	16	-N								

SOLAR FLARES
Confirmed

OCTOBER 1972

OBSERVATORY	OBSERVED UT DATE 1972 OCT	START	END	MAX. PHASE	LOCATION APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	DURATION MIN.	IMPORTANCE	OBS. COND.	TYPE	MEASUREMENTS TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	REMARKS
GRP46724	30	1446	1523	1450	S11	W09	.309	12094	29.9	37	-N				1.92				4 4 4 5
CANR	30	1446	1510	1452	S10	W09	.295	12094	29.9	24	-N	3	V		1.60	1.60			
RAMY	30	1446	1537	1448	S13	W11	.354	12094	29.8	51	-N	3	C		1.11				F
UPIC	30	1447E	1453D		S11	W06	.287	12094	30.2	6D	-N		P	1449	.85				TIE
WEND	30	1450E	1523D		S11	W08	.301	12094	30.0	33D	1F		V		4.13				
GRP46725	30	1502	1517	1508	S19	W47	.787	12090	27.1	15	--N				.21				3 2 1 3
WEND	30	1502	1515		S18	W46	.774	12090	27.2	13	-N								
RAMY	30	1505E	1519	1508	S20	W47	.791	12090	27.1	14D	-N	3	V		.21				F
CANR	30	1505	1517	1508	S07	W48	.758	12090	27.0	12	-N	2	V		.60	.80			
GRP46726	30	1646	1717	1656	S11	W10	.317	12094	29.9	31	-B				2.70				2 2 2 2
HUAN	30	1645	1733	1657U	S10	W09	.295	12094	30.0	48	-B	1	C	1657	1.39	1.36			E
CANR	30	1647	1700	1655	S11	W10	.317	12094	29.9	13	1B	2	V		4.00	4.00			
727 HUAN	30	1734	1750	1738U	S07	W15	.325	12094	29.6	16	--F	1	C	1738	.31	.32			1
	30	1809	1852	NO FLARE PATROL															
	30	1905	1922	NO FLARE PATROL															
	30	1928	1942	NO FLARE PATROL															
	30	1943	1955	NO FLARE PATROL															
	30	2001	2011	NO FLARE PATROL															
729 HUAN	30	2028	2102D	2040U	S17	W12	.417	12094	30.0	34D	--N	1	C	2040	.36	.40			1
	30	2050	2056	NO FLARE PATROL															
	30	2102	2124	NO FLARE PATROL															
GRP46730	30	2305	2335	2307	S13	W13	.372	12094	30.0	30	-N				1.48				2 2 2 4
VORO	30	2305	2335	2307	S14	W13	.385	12094	30.0	30	1N		C	2307	2.03	2.16		67	D
MANI	30	2305	2335	2307	S12	W13	.359	12094	30.0	30	-N	2		2307	.93	.98			
731 VORO	31	0001	0020	0003	S18	W15	.453	12094	29.9	19	--B		C	0003	.65	.71		63	D 3
GRP46733	31	0417	0545	0507	S15	W15	.415	12094	30.1	88	1B				3.37				3 3 3 4
TEHR	31	0417	0547	0506	S18	W11	.422	12094	30.4	90	1B	4	C		4.01				F Z
TEHR	31	0417	0547	0421	S18	W11	.422	12094	30.4	90	1B	4	C		2.65				F Z
MITK	31	0419E	0552	0510	S14	W17	.423	12094	29.9	93D	1B		C	0510	3.92	4.30			F
MANI	31	0440E	0535	0506	S12	W17	.401	12094	29.9	55D	1B	2		0506	2.17	2.35			
MANI	31	0440E	0535	0440	S12	W17	.401	12094	29.9	55D	-B			0440	.77	.84			
GRP46735	31	0610	0622	0614	S17	W14	.432	12094	30.2	12	-B				1.53				2 2 2 2
MITK	31	0609	0619	0614	S18	W17	.470	12094	30.0	10	-F		C	0614	1.13	1.30			E
MITK	31	0609	0634D	0614	S10	W21	.430	12094	29.7	25D	-B		C	0614	.93	1.00			EH
TEHR	31	0611	0625	0613	S20	W09	.439	12094	30.6	14	-N				.99				FH
MITK	31	0622	0634D	0626	S18	W17	.470	12094	30.0	12D	-N		C	0626	1.55	1.80			E
GRP46741	31	1219	1228	1224	S08	W25	.468	12094	29.6	9	-N				1.24				7 6 5 11
UPIC	31	1206	1256	1240	S15	W27	.546	12094	29.5	50	-F		P	1240	.42				I
MONT	31	1216	1228	1224	S08	W24	.454	12094	29.7	12	1N		C	1224	2.58				
RAMY	31	1219	1229	1222	S07	W25	.461	12094	29.6	10	-N	2	C		.65				DE
CATA	31	1220	1225D	1225	S06	W26	.470	12094	29.6	5D	-N	3		1225	.87	.98		(191)	
HUAN	31	1221	1227	1223	S08	W26	.482	12094	29.6	6	-F	1	C	1223					
CANR	31	1223E	1227	1223U	S08	W24	.454	12094	29.7	4D	-N	3	V	1223	1.60	1.60			
TEHR	31	1224E	1231	1225	S09	W22	.434	12094	29.9	7D	-F	3	V		.50				F
744 UPIC	31	1305	1338	1314D	S08	W26	.482	12094	29.6	33	-F		P	1314	.21				I 7
GRP46747	31	1448	1457	1449	S07	W28	.503	12094	29.5	9	--F				.56				2 2 1 6
RAMY	31	1447	1458	1449U	S07	W28	.503	12094	29.5	11	-F	1	C		.56				DE
HUAN	31	1449	1456	1449	S07	W27	.489	12094	29.6	7	-F	1	C						
GRP46748	31	1551	1608	1553	S13	W32	.592	12094	29.3	17	-N				.84				3 3 3 3
CANR	31	1551	1608		S11	W32	.580	12094	29.3	17	-N	2	V	1554	1.60	1.90			
RAMY	31	1551	1607	1553	S14	W32	.598	12094	29.3	16	-N	2	C		.65				DE H
HUAN	31	1555E	1557D		S13	W32	.592	12094	29.3	2D	-F	1	P	1555	.26	.32			E
749 HUAN	31	1941	1955		N05	E00	.009	12096	31.8	14	--N	1	C	1944	.36	.36			E 2
GRP46750	31	2003	2015	2005	S09	W24	.461	12094	30.0	12	--F				.52				2 2 1 2
PALE	31	2002	2013	2005	S10	W24	.469	12094	30.0	11	-N	2	V		.52				F
HUAN	31	2003	2017D		S08	W24	.454	12094	30.0	14D	-F	1	C						D
751 PALE	31	2030	2105	2043	S10	W24	.469	12094	30.1	35	-N	2	V		1.03				F 1

SOLAR FLARES
Confirmed

OCTOBER 1972

OBSERVATORY	OBSERVED UT DATE	START	END	MAX. PHASE	LOCATION APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	McMATH PLAGE REGION	CMP DAY	DURATION MIN.	IMPORTANCE	OBS. COND.	TYPE	MEASUREMENTS TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	REMARKS
752 PALE	31	2207E	2227	2209U	S08	E07	.247	12101	1.4	20D	--N	2	V		.52				F 1
753 PALE	31	2244	2255	2248	S08	W31	.550	12094	29.6	11	--F	2	V		.67				F 2
GRP46754	31	2329	2358	2333	S13	W28	.543	12094	29.9	29	-N				1.05				3 3 3 4
PALE	31	2329E	2344D	2332U	S12	W27	.523	12094	30.0	15D	-N	2	V		.77				DE
MANI	31	2330E	2355	2333	S13	W27	.530	12094	30.0	25D	-N	1		2333	1.03	1.21			
MITK	31	2339E	0000		S15	W29	.570	12094	29.8	21D	-N		C	2339	1.34	1.60			E

"Remarks":

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 = Plage with flare shows marked intensity variations.
K = Several intensity maxima.
L = Filaments show effects of sudden activation.
M = White-light flare.
N = Continuous spectrum shows effects of polarization.
O = Observations have been made in the calcium II lines H or K.
P = Flare shows helium D_3 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.

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
721001	117.40	22.8	721013	82.35	24.0	721023	18.83	23.4
721002	9.91	23.6	721014	65.28	21.9	721024	28.59	23.9
721003	47.28	24.0	721015	4.92	24.0	721025	139.56	24.0
721004	6.18	18.7	721016	2.89	24.0	721026	314.72	22.4
721005	0.00	23.2	721017	3.84	22.8	721027	84.26	21.4
721006	0.00	22.6	721018	0.00	23.0	721028	53.18	20.9
721007	156.76	24.0	721019	8.17	23.9	721029	56.17	23.9
721008	2.51	23.6	721020	1.91	23.4	721030	167.96	21.9
721011	39.24	19.3	721021	13.76	23.7	721031	87.67	24.0
721012	0.00	22.7	721022	0.00	23.6			

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

SOLAR FLARES
Unconfirmed

OCTOBER 1972

OBSERVATORY	OBSERVED UT DATE 1972 OCT	START	END	MAX. PHASE	LOCATION APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	DURATION MIN.	IMPORTANCE	OBS. COND.	TYPE	MEASUREMENTS TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	REMARKS
349 MANI	01	0431	0437	0433	S08	W72	.958	12044	25.8	6	-N	2		0433	.52	1.14			6
353 ATHN	01	0943	0953	0945	N18	E85	.993	12061	7.8	10	-F	1		0945	.17	.41			6
356 CANR	01	1106	1140		N12	E20	.349	12056	3.0	34	-B	3	V	1107	.40	.40			5
364 ATHN	02	0905E	0917	0907	N11	E09	.172	12056	3.1	12D	-N	3	V		.83				F 9
365 TEHR	02	1010E	1045	1019	N12	E20	.349	12056	3.9	35D	-F	4	V		.66				F 6
366 TEHR	02	1055E	1113	1055	S10	W73	.964	12044	27.0	18D	-N	3	V		.83				F 5
GRP46367	02	1331	1340	1336	N19	E46	.724	12057	6.0	9	-F				.41				2 2 1 7
WEND	02	1328	1340		N19	E45	.712	12057	5.9	12	-N								
HUAN	02	1334	1340	1336	N18	E46	.722	12057	6.0	6	-F	1	C	1336	.41	.60			E
368 HUAN	02	1402	1403	1403	S08	W90	1.000	12044	25.8	1	-F	2	C	1403	.15				D 8
372 MANI	02	2344E	2350	2344	N10	W02	.067	12056	2.8	6D	-N	2		2344	.41	.41			3
374 TEHR	03	0516	0525	0520	N09	W01	.045	12056	3.1	9	-N				.09				DEH 5
375 TEHR	03	0556	0605	0559	N20	E33	.569	12057	5.7	9	-N				.37				DE 4
377 ATHN	03	0912	0925	0919	N13	W05	.140	12056	3.0	13	-F	1		0919	.52	.50			9
378 CATA	03	1115	1115D	1115	S11	E30	.569	12058	5.7		-N	3		1115	.29	.35		(182)	4
382 CRON	04	0105E	0117	0105U	S08	E42	.699	12059	7.2	12D	-F	3	V	0105	.70				5
384 TEHR	04	0449E	0506	0452	S22	E50	.836	12060	8.0	17D	-N				1.16				DE 3
385 ATHN	04	0709E	0715	0709	N18	E23	.425	12057	6.0	6D	-F	1		0709	.52	.50			5
GRP46386	04	1242	1301	1245	S25	E44	.801	12060	7.8	19	-F				.64				2 2 2 8
ATHN	04	1242E	1252	1245	S24	E40	.761	12060	7.5	10D	-F	1		1245	.68	.90			
ARCE	04	1245E	1310D		S25	E47	.825	12060	8.1	25D	-F		C	1245	.60	1.00			
387 ARCE	04	1345E	1400D		S05	E36	.612	12059	7.3	15D	-F		C	1355	.60	.70			7
389 MONT	05	0758	0805	0801	S04	E05	.202	12058	5.7	7	-N		C	0801	.21				H 8
390 MONT	05	0812	0814	0813	S04	E05	.202	12058	5.7	2	-N		C	0813	.21				8
391 MONT	05	0847	0858	0851	S09	W63	.904	12049	30.6	11	-N		C	0851	.41				9
392 TEHR	06	0546E	0603	0553	S22	E21	.575	12060	7.8	15D	-F	4	V		.17				DE H 5
393 MONT	06	0744	0755	0750	S24	E16	.563	12060	7.5	11	-F		C	0750	.41				12
394 ATHN	06	1353	1409	1355	S14	W48	.786	12062	3.0	16	-F	3	C		.50				DE 7
397 RAMY	07	1218	1230	1220	S10	W34	.611	12058	5.0	12	-F	3	C		.37				DE 6
399 MANI	08	0408	0417	0411	S06	W18	.371	12059	6.8	9	-F	2		0411	.31	.33			7
401 TEHR	08	0756E	0801	0757U	N18	E02	.205	12071	8.5	5D	-N	3	V		.33				DE 9
402 TEHR	08	0920E	0934	0920U	N15	E02	.154	12071	8.5	14D	-N	3	V		.33				F 9
403 CANR	08	0952	0953D		S06	W72	.956	12062	3.0	1D	-N	3	V	0953	.40	.40			9
GRP46404	08	0952	1004	0953	S06	W25	.467	12059	6.5	12	-F				.42				2 2 2 10
ATHN	08	0952E	0956D	0952U	S06	W26	.481	12059	6.5	4D	-F	1	C		.33				DE
TEHR	08	0953E	1004	0954	S05	W23	.432	12059	6.7	11D	-N	3	V		.50				F
GRP46405	08	1308	1337	1317	S15	W73	.968	12062	3.1	29	-N				.37				2 2 1 7
RAMY	08	1301	1328D	1316	S14	W72	.963	12062	3.1	27D	-N	2	C		.37				DE
RAMY	08	1301	1328D	1305	S14	W72	.963	12062	3.1	27D	-F	2	C		.28				DE
ONDR	08	1314	1337	1318	S15	W74	.972	12062	3.0	23	1N		V	1318			3.40		CDEJ
406 MCMA	08	1458	1512	1502	S05	W25	.460	12059	6.7	14	-F		C	1502	.41	.50			E 7
407 MCMA	08	1508	1535D	1513	S15	W74	.972	12062	3.1	27D	-F		C	1513	.21	1.00			D 6
408 TEHR	09	0540E	0608	0540U	S17	W80	.991	12062	3.2	28D	-N	2	V		1.64				F 6
409 MONT	09	0745E	0848	0806	S16	W85	.999	12062	2.9	63D	1N		C	0806	1.55				8

SOLAR FLARES
Unconfirmed

OCTOBER 1972

OBSERVATORY	OBSERVED UT DATE 1972 OCT	START	END	MAX. PHASE	LOCATION APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	DURATION MIN.	IMPORTANCE	OBS. COND.	TYPE	MEASUREMENTS TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	REMARKS
410 RAMY	09	1458	1518	1502	S08	W49	.776	12058	5.9	20	-F	3	C		.46				DE 6
411 RAMY	09	1631	1658	1635	N17	W65	.901	12067	4.8	27	-F	2	C		.46				DE 4
412 MANI	09	2309E	2319	2312	S15	W75	.975	12062	4.3	10D	-N	2		2312	.41	1.02			3
413 ATHN	10	1038	1047	1039	N24	W80	.979	12067	4.4	9	-F	2	C		.33				DE 6
419 MANI	11	0251	0319	0309	N09	W61	.870	12073	6.5	28	-F	2		0309	.52	.96			7
420 SIBE	11	0308	0343	0326	N12	W76	.966	12057	5.4	35	1F		C	0326				55	D 6
GRP46421	11	0411	0429	0415	N07	E45	.703	12072	14.5	18	-F				.54				2 2 2 6
TEHR	11	0411	0421	0415	N05	E45	.705	12072	14.5	10	-N	3	V		.66				DE
MANI	11	0415E	0437	0415	N09	E44	.691	12072	14.5	22D	-F	2		0415	.41	.57			
422 MANI	11	0505	0535	0510	N10	W61	.870	12073	6.6	30	-F	2		0510	.31	.57			6
424 WEND	11	0758E	0824D		S07	W61	.885	12059	6.8	26D	1N		V		3.09				6
GRP46426	11	1030	1055	1035	N10	W68	.923	12073	6.3	25	-N				.60				2 1 1 8
CANR	11	1030	1055	1035	N10	W68	.923	12073	6.3	25	-N	2	V		.60	1.30			
TEHR	11	1044E	1104	1050	N09	W60	.861	12073	6.9	20D	-N	3	V		.50				DE
428 HUAN	11	1125E	1134		S07	W59	.869	12059	7.1	9D	-F	1	P	1130	.15	.31			D 8
429 HUAN	11	1204	1228		S07	W59	.869	12059	7.1	24	-F	1	C	1209	.21	.42			D 7
430 HUAN	11	1421	1433		S07	W60	.877	12059	7.1	12	-F	1	C						5
431 HUAN	11	1458	1508		S07	W61	.885	12059	7.0	10	-F	1	C	1501	.15	.34			D 6
432 RAMY	11	1532E	1546	1532U	S07	W60	.877	12059	7.1	14D	-F	3	C		.56				DE 6
434 PALE	11	2218E	2239D	2228U	N05	W67	.918	12073	6.9	21D	-N	2	V		.77				DE 3
436 MANI	12	0046	0058	0047	S07	W68	.934	12059	6.9	12	-N	2		0047	.41	.86			4
437 MANI	12	0207	0225	0210	N10	W78	.975	12057	6.2	18	-F	2		0210	.31	.77			5
438 MANI	12	0218	0242	0224	N10	W80	.982	12057	6.1	24	-F	2		0224	.31	.80			5
440 ATHN	12	1045	1109	1048	N09	W79	.979	12073	6.5	24	-F	2	C		.83				DE 4
441 RAMY	12	1339	1354	1340U	N10	E46	.715	12074	16.0	15	-F	2	C		.46				DE 5
442 CRON	13	0308E	0329		N12	E26	.444	12072	15.1	21D	-N	3	V		1.30				6
444 TEHR	13	0747	0759	0749	S05	E42	.687	12082	16.5	12	-N	4	V		.17				DE 5
445 ABST	13	0830	0905D	0858	S02	W89	1.000	12059	6.7	35D	1N		P	0858	1.35				AE 9
448 CULG	14	0356	0420	0410	N06	E15	.257	12072	15.3	24	1N		C	0410	2.06	2.10			6
449 ABST	14	0907E	0908D	0907	S12	E89	1.000	12079	21.1	1D	1N		P	0907	1.35				AD 8
450 CATA	14	1045E	1050	1045	N11	E22	.380	12074	16.1	5D	-N	2		1045	.29	.31		(158)	7
451 HUAN	14	1729E	1735		S10	E90	1.000	12079	21.5	6D	-F	1	P	1730	.15				D 3
452 ABST	15	0750E	0844D	0750	S10	E89	1.000	12086	22.0	54D	1N		P	0750	1.62				AE 8
GRP46453	15	0910	1008	0938	S17	E84	.998	12086	21.7	58	-N				.66				2 2 2 7
ARCE	15	0910E	1010D		S20	E88	1.000	12086	22.0	60D	-N		C	0950	.66				
TEHR	15	0938E	1005	0938U	S14	E80	.990	12086	21.4	27D	-N	4	V		.66				F
455 MCMA	15	1235	1244	1237	S15	E90	1.000	12086	22.3	9	-N		C	1237					D 7
458 HUAN	15	1911E	1911D		S15	E90	1.000	12086	22.5		-F	1	P	1911	.26				5
461 TEHR	16	0420	0432	0423	N04	W38	.614	12072	13.3	12	-F	4	V		.25				DE 5
462 SIBE	16	0450E	0525D	0454	N20	W70	.935	12080	11.0	35D	2F		C	0454	2.56	8.20		51	CJUZ 5
464 ARCE	16	0950E	1000D		S11	E76	.976	12086	22.1	10D	-N		P	1000	.15				7
465 HUAN	16	1149	1200		S14	E83	.996	12086	22.7	11	-F	1	C	1156	.21				D 7
466 HUAN	16	1226	1230	1227	S14	E82	.994	12086	22.7	4	-F	2	C	1227	.21				D 7

SOLAR FLARES
Unconfirmed

OCTOBER 1972

OBSERVATORY	OBSERVED UT DATE 1972 OCT	START	END	MAX. PHASE	LOCATION APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	DURATION MIN.	IMPORTANCE	OBS. COND.	TYPE	MEASUREMENTS TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	REMARKS
467 ARCE	16	1245E	1300D		S08	E68	.935	12079	21.6	15D	-N		C	1300	.51				6
468 ARCE	16	1400E	1400D		S15	E70	.953	12086	21.8		-F		P	1400	.22				6
GRP46472	17	0819	0826	0822	S16	E62	.915	12086	22.0	7	-F				.54				2 2 2 8
ABST	17	0818E	0827	0822	S16	E64	.927	12086	22.1	9D	1F		P	0822	.90	2.10		64	D
TEHR	17	0819	0825	0822	S16	E60	.901	12086	21.8	6	-F	4	V		.17				DE
473 ATHN	17	1035E	1043	1038	S10	E79	.987	12086	23.4	8D	-F	1	C		.33				DE 8
474 ATHN	17	1158	1203D	1202	S17	E61	.910	12086	22.1	5D	-F	1	C		.66				F 7
475 ARCE	17	1320E	1349D		S04	E52	.803	12079	21.5	29D	-F		P	1349	.28	.50			8
479 ARCE	18	0955E	1000D		S07	E40	.668	12079	21.4	5D	-N		P	1000	.66	.90			6
480 MONT	18	1020E	1030	1020	S10	E40	.680	12079	21.4	10D	-F		C	1020	.21				5
481 MONT	18	1125	1133	1125	S07	E39	.655	12079	21.4	8	-N		C	1125	.21				4
482 MONT	18	1125	1134	1128	S11	E48	.773	12086	22.1	9	-N		C	1128	.21				4
483 MONT	18	1150	1155	1151	S15	E43	.736	12086	21.7	5	-N		C	1151	.41				5
484 MONT	18	1212	1223	1215	S17	E48	.794	12086	22.1	11	-N		C	1215	.72				4
485 ARCE	18	1230E	1230D		S16	E88	1.000	12089	25.1		-N		P	1230	.09				5
486 ARCE	18	1400E	1400D		S16	E87	1.000	12089	25.1		-N		P	1400	.25				4
496 MONT	19	1037	1043	1038	S17	E36	.671	12086	22.1	6	-F		C	1038	.21				8
497 MONT	19	1038	1047	1039	S07	E27	.496	12079	21.5	9	-N		C	1039	.72				8
499 MONT	19	1140E	1155	1153	S07	E26	.482	12079	21.4	15D	-N		C	1153	.52				6
GRP46502	19	1350	1400	1350	S07	E24	.455	12079	21.4	10	-F				.42				2 2 2 9
CATA	19	1350E	1400	1350	S08	E23	.449	12079	21.3	10D	-N	3		1350	.58	.64		(174)	
ARCE	19	1355E	1400D		S05	E25	.456	12079	21.5	5D	-F		C	1355	.25	.30			
503 MCMA	19	1352	1406	1353	S13	E32	.599	12086	22.0	14	-F		C	1353	.26	.30			D 9
GRP46504	19	1459	1520	1507	S13	E32	.599	12086	22.0	21	-N				.28				2 2 2 7
MCMA	19	1459	1520	1504	S13	E32	.599	12086	22.0	21	-N		C	1504	.26	.30			D
CATA	19	1500E	1515D	1510	S13	E31	.587	12086	22.0	15D	-N	2		1510	.29	.35		(166)	
505 RAMY	19	1557E	1618	1557U	S07	E25	.469	12079	21.5	21D	-F	2	C		.56				DE 6
510 MANI	20	0137	0152	0140	S07	E17	.360	12079	21.3	15	-F	2		0140	.62	.67			5
511 TEHR	20	0506E	0521	0510	S14	E65	.923	12089	25.1	15D	-N	4	V		.66				F 5
512 TEHR	20	0625E	0641	0632	S13	E62	.901	12089	24.9	16D	1N	4	V		1.32				F 3
514 TEHR	20	0744	0753	0746	S10	E66	.924	12089	25.3	9	-N	3	V		.33				F 6
520 CATA	21	1050	1105D	1050	S17	E44	.754	12089	24.8	15D	-N	3		1050	.29	.44		(174)	3
521 CATA	21	1345E	1400D	1350	S12	E06	.316	12086	22.0	15D	-N	3		1350	.58	.61		(158)	3
522 HUAN	21	1421	1428	1424	S17	E87	1.000	12090	28.1	7	-F	1	C	1424					5
529 BOUL	22	1725E	1735D	1727	S11	W04	.289	12086	22.4	10D	-F	3	V						3
531 PALE	22	2005E	2016	2006U	S08	E30	.541	12089	25.1	11D	-F	3	V		.52				DE 3
533 MANI	23	0246E	0253	0248	S14	E65	.922	12090	28.0	7D	-F	1		0248	.41	.84			5
535 TEHR	23	0418	0429	0422	S12	E58	.868	12090	27.5	11	-F	3	V		.19				DE 4
536 TEHR	23	0503E	0524	0503U	S14	E19	.453	12089	24.6	21D	-N	3	V		.41				F 5
537 TEHR	23	0613	0631	0618	S13	W10	.355	12086	22.5	18	-N	3	V		.74				F 5
541 CANR	23	1010E	1035	1010U	S25	W15	.553	12086	22.3	25D	-N	3	V	1010	1.80	1.80			4
542 ARCE	23	1205E	1210		S13	W13	.380	12086	22.5	5D	-N		C	1205	.19	.20			6
543 ARCE	23	1220	1223	1221	S09	W13	.330	12085	22.5	3	-F		C	1221	.15	.20			6

SOLAR FLARES
Unconfirmed

OCTOBER 1972

OBSERVATORY	OBSERVED UT DATE 1972 OCT	START	END	MAX. PHASE	LOCATION APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	McMATH PLAGE REGION	CMP DAY	DURATION MIN.	IMPORTANCE	OBS. COND.	TYPE	MEASUREMENTS TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	REMARKS
544 CANR	23	1229E	1235	1229U	S14	W14	.403	12086	22.5	6D	-N	3	V	1229	.60	.60			5
545 ATHN	23	1242E	1251	1243	S19	E15	.476	12089	24.7	9D	-F	3	V		.66				DE 5
547 HUAN	23	1335	1340D	1337	S19	E16	.484	12089	24.8	5D	-N	1	P	1337	.36	.42			E 4
557 MITK	24	0256E	0258D		S14	E82	.994	12094	30.3	2D	1N		P	0258	1.03				E 3
558 MANI	24	0324E	0331	0324	S10	E72	.958	12094	29.5	7D	-N	1		0324	.52	1.18			3
561 ATHN	24	0613E	0626	0615	S13	E42	.713	12090	27.4	13D	-F	2	V		.33				DE 4
563 ABST	24	0755	0806	0757	S14	E79	.987	12094	30.3	11	1F		C	0757	1.00			83	DZ 7
577 PALE	24	1738E	1752D	1739	S11	E31	.571	12090	27.1	14D	-F	2	V		.52				3
578 PALE	24	1751E	1800	1756	S11	E70	.948	12094	30.0	9D	-N	2	V		.46				3
586 HUAN	24	2104	2106	2104	S13	E65	.921	12094	29.8	2	-F	1	C	2104					4
592 MITK	25	0000E	0003D		S13	E65	.921	12094	29.9	3D	1N		P	0002	2.17				E 7
595 MANI	25	0034	0038	0035	S08	W33	.580	12085	22.5	4	-F	1		0035	.41	.51			7
GRP46596	25	0108	0115	(0109)	S14	E65	.922	12094	29.9	7	-F				1.03				2 2 2 6
PALE	25	0105E	0113	0106	S15	E64	.917	12094	29.8	8D	-F	2	V		.31				F
MITK	25	0111	0116D		S13	E65	.921	12094	29.9	5D	1F		P	0111	1.75				E
GRP46597	25	0127	0141	0132	S13	E64	.914	12094	29.9	14	-N				.44				2 2 2 5
PALE	25	0127	0137	0130	S14	E64	.916	12094	29.9	10	-N	2	V		.26				F
MANI	25	0130E	0144	0133	S12	E63	.906	12094	29.8	14D	-N	2		0133	.62	1.24			
GRP46600	25	0243	0415	0255	S15	W34	.632	12086	22.6	92	-N				2.54				2 2 2 8
CULG	25	0243	0415	0255	S15	W30	.586	12086	22.9	92	1N		C	0255	3.92	4.80			Z
CRON	25	0252E	0310	0254	S14	W38	.672	12086	22.3	18D	-N	3	V	0310	1.15				
601 MANI	25	0313E	0328	0313	S15	E36	.655	12090	27.8	15D	-N	2		0313	.41	.54			8
602 MANI	25	0315	0326	0318	S12	E61	.891	12094	29.7	11	-N	2		0318	.41	.79			8
604 MANI	25	0409E	0423	0412	S12	E60	.883	12094	29.7	14D	-N	2		0412	.52	.97			4
605 MANI	25	0409E	0423	0423	S12	E60	.883	12094	29.7	14D	-N			0423	.41	.48			4
609 TEHR	25	0951	0957	0953	S13	E25	.511	12090	27.3	6	-N	4	V		.33				F 4
613 CAPS	25	1204E	1204D		S13	E55	.844	12094	29.6		-B	1	S						B 4
617 HUAN	25	1736	1740D		S08	E54	.823	12094	29.8	4D	-F	1	P	1738	.15	.26			D 5
623 PALE	25	2302	2308	2303	S10	E51	.799	12094	29.8	6	-N	1	V		.52				F 4
627 ATHN	26	0031	0038D	0032	S13	E64	.914	12094	30.8	7D	-N	3	V		.62				7
630 TEHR	26	0524	0529	0526	S12	E42	.708	12094	29.4	5	-N	4	V		.08				DE 3
634 HUAN	26	1128	1133	1131U	S08	E43	.705	12094	29.7	5	-F	2	C	1131	.31	.43			7
635 HUAN	26	1153	1155	1153	S17	E48	.791	12094	30.1	2	-F	2	C	1153	.15	.25			D 5
636 MCMA	26	1247	1253	1248	S13	E45	.745	12094	29.9	6	-N		C	1248	.52	.70			E 4
639 HUAN	26	1438	1449	1444U	S13	E42	.712	12094	29.8	11	-F	2	C	1444	.31	.43			ET 5
640 HUAN	26	1458	1505	1501	S15	E42	.721	12094	29.8	7	-F	1	C	1501	.21	.29			D 5
641 HUAN	26	1635	1643	1639	S13	E42	.712	12094	29.8	8	-N	1	C	1639	.26	.36			4
644 HUAN	26	2101	2109		S08	E38	.644	12094	29.7	8	-F	1	C	2107	.21	.27			4
650 ATHN	27	0837	0919	0840	S13	E33	.607	12094	29.8	42	-N	3	C		.50				F H 5
653 RAMY	27	1132	1208	1134	S14	E32	.601	12094	29.9	36	-F	3	C		.46				F 5
655 RAMY	27	1330	1356	1332	S16	W38	.682	12089	24.7	26	-F	3	V		.37				DE 3
665 MANI	28	0149E	0152	0149	S16	E20	.480	12094	29.6	3D	-N	2		0149	1.24	1.40			2
668 TEHR	28	0405E	0426	0405U	S16	W80	.990	12086	22.2	21D	-F				1.32				DE 4

SOLAR FLARES
Unconfirmed

OCTOBER 1972

OBSERVATORY	OBSERVED UT. DATE 1972 OCT	START	END	MAX. PHASE	LOCATION APPROX. LAT.	MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	DURATION MIN.	IMPORTANCE	OBS. COND.	TYPE	MEASUREMENTS TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	REMARKS
670 TEHR	28	0557	0611	0605	S13	E23	.484	12094	30.0	14	-N				.66				DE 3
671 TEHR	28	0614	0639	0617	S13	E23	.484	12094	30.0	25	-N				.50				F 4
673 ATHN	28	0855E	0916	0855U	S17	W81	.992	12086	22.3	21D	-F	2	V		.66				DE 7
GRP46676	28	1158	1206	(1206)	S11	E20	.429	12094	30.0	8	1N				5.25				1 1 1 5
UPIC	28	1158E	1206D		S16	E21	.491	12094	30.1	8D	1N		P	1206	3.36				TI
UPIC	28	1158	1206D		S12	E17	.404	12094	29.8	8D	-F		P	1206	.21				TI
UPIC	28	1158E	1206D		S09	E21	.424	12094	30.1	8D	-F		P	1206	1.68				TI
678 UPIC	28	1327	1337		S11	W90	1.000	12079	21.8	10	-N		P	1329					6
679 UPIC	28	1333E	1337	1333	N01	E38	.617	12096	31.4	4D	-F		P	1333	.42				TI 4
680 CATA	28	1425E	1425D	1425	S17	W16	.453	12090	27.4		-B	3		1425	.58	.64		(219)	4
686 HUAN	28	1756	1830U		S17	E16	.453	12094	29.9	34D	-F	1	P	1803	.26	.29			4
694 TEHR	29	0440	0455D	0443	S13	E02	.306	12094	29.3	15D	-N	3	V		.33				DE 3
695 MANI	29	0511E	0530	0511	S11	E01	.271	12094	29.3	19D	-N	2		0511	.52	.54			3
697 TEHR	29	0707E	0724	0712	S10	E04	.263	12094	29.6	17D	-N				.99				FH 3
698 ISTA	29	0730E	0743		S10	E04	.263	12094	29.6	13D	-F								DB 5
702 TEHR	29	1225	1235	1227	S14	W06	.336	12094	29.1	10	-N	3	V		.09				DE 3
704 RAMY	29	1415	1432	1419	S09	W03	.242	12094	29.4	17	-F	3	C		.37				DE 4
708 MANI	29	2249E	2249	2249	S08	W05	.236	12094	29.6		-N	2		2249	1.86	1.91			3
2 STATIONS REPORTING GROUP 46716. 5 STATIONS OBSERVING AND NOT REPORTING.																			
GRP46716	30	0922	0939	0925	S14	W11	.368	12094	29.6	17	-N				.63				2 2 1 9
UPIC	30	0914	0941	0925	S10	W15	.357	12094	29.3	27	-F		P	0925	1.05				TIE
UPIC	30	0920	0930D	0925	S13	W13	.372	12094	29.4	10D	-N		P	0925	.63				TIE
WEND	30	0924	0937		S15	W11	.382	12094	29.6	13	-N								
UPIC	30	0930	0951	0938U	S16	W07	.370	12094	29.9	21	-N		P	0938	.63				TID
719 UPIC	30	1100	1114	1103	S12	W13	.359	12094	29.5	14	-N		P	1103	.85				TI 5
719 UPIC	30	1109	1152	1114	S14	W07	.340	12094	29.9	43	*1N		P	1114	2.31				TIK 5
GRP46723	30	1408	1422	1411	S13	W47	.765	12090	27.1	14	-N				.40				2 2 1 7
CANR	30	1408	1420	1411	S07	W48	.758	12090	27.0	12	-N	3	V	1411	.40	.60			
WEND	30	1412	1423		S18	W45	.764	12090	27.2	11	-N								
728 HUAN	30	2015	2031	2017U	S13	W20	.447	12094	29.3	16	-N	1	C	2017					1
2 STATIONS REPORTING GROUP 46732. 3 STATIONS OBSERVING AND NOT REPORTING.																			
732 MANI	31	0315E	0325	0315	S08	W20	.399	12094	29.6	10D	-N	2		0315	.62	.67			4
732 TEHR	31	0321E	0329	0321U	S18	W07	.399	12094	30.6	8D	*-N	3	V		.66				F 5
734 CRON	31	0448	0525	0508	N16	E22	.414	12098	1.8	37	-N	2	C	0508	1.51	1.67			4
736 CAPS	31	0727	0732		S09	W21	.421	12094	29.7	5	-F	3	V	0730	.80	.90		(150)	4
737 MONT	31	0808	0844	0812	S14	W21	.467	12094	29.8	36	-N		C	0812	2.06				6
738 MONT	31	1028	1046	1035	S15	W22	.489	12094	29.8	18	-N		C	1035	.72				7
739 MONT	31	1112	1132	1116	S15	W22	.489	12094	29.8	20	-N		C	1116	.72				8
740 MONT	31	1117	1139	1124	S11	W29	.541	12094	29.3	22	-N		C	1124	.52				9
742 UPIC	31	1227	1244		N04	E04	.070	12096	31.8	17	-F		P	1233	.63				10
GRP46743	31	1230	1251	1241	S16	W21	.488	12094	29.9	21	-F				.40				2 2 2 9
UPIC	31	1220	1248	1240	S16	W22	.498	12094	29.9	28	-F		P	1240	.63				I
TEHR	31	1239	1253	1241	S16	W20	.477	12094	30.0	14	-N	3	V		.17				F
745 UPIC	31	1350	1415	1357U	S07	W27	.489	12094	29.6	25	-F		P	1357	.42				I 8
746 UPIC	31	1405	1415		S11	W31	.567	12094	29.3	10	-F		P	1414	.63				I 7