

SOLAR FLARES

Confirmed

SEPTEMBER 1969

OBSERVATORY	OBSERVED UT				LOCATION					DURATION — MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMAH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H _g	MAX. INT. %	
					LAT.	MER. DIST.												
	1969																	
	SEP																	
GRP25079	01	0736	0756	0744	N07	W08	.138	10289	31.7	20	--N						6 6 5 13	
MONT	01	0734	0759	0746	N07	W06	.104	10289	31.9	25	-N	C	0746	.82	.93			
CATA	01	0735	0800	0740	N07	W07	.121	10289	31.8	25	-B		0740	.80	.82		295	
ISTA	01	0735	0755		N06	W09	.157	10289	31.6	20	-F							
CAPS	01	0736	0754D		N07	W08	.138	10289	31.7	18D	-N	V	0740	.50	.50		188	
CAPF	01	0737E	0752		N06	W07	.123	10289	31.8	15D	-F	P	0740	1.03	1.05			
ZURI	01	0738	0749D	0747	N06	W10	.174	10289	31.6	11D	-N	C	0747	.83	.80			
GRP25081	01	1353	1416	1356	N07	W09	.155	10289	31.9	23	--N			.56			4 4 4 8	
HUAN	01	1352	1419	1356	N07	W10	.172	10289	31.8	27	-F	1 C	1356	.25	.25		E	
ZURI	01	1353	1416	1356	N06	W07	.123	10289	1.1	23	-N	C	1356	.83	.80			
MCMA	01	1353	1407	1356	N06	W10	.174	10289	31.8	14	-N	C	1356	.41	.40		E	
CATA	01	1355	1420	1355	N07	W10	.172	10289	31.8	25	-B		1355	.75	.76		263	
GRP25084	01	1916	1935	1921	N13	W61	.868	10283	28.2	19	-N			.50			2 2 1 3	
HUAN	01	1911E	1935D		N13	W60	.859	10283	28.3	24D	-N	2 P	1913	.50	.99		E	
BOUL	01	1920	1935D	1921	N12	W62	.876	10283	28.2	15D	-N	V						
GRP25085	01	1949	2010	1955	N15	W60	.859	10283	28.3	21	-B			.90			3 3 2 3	
BOUL	01	1946E	2020D	1955	N13	W60	.859	10283	28.3	34D	-B	V						
CANR	01	1950	2005	1955	N16	W59	.851	10283	28.4	15	-N	C		1.10	2.00			
HOUT	01	1951	2004	1956	N15	W61	.868	10283	28.3	13	-B	C		.70	1.30			
089 CULG	02	0425	0507	0440	N18	E78	.972	10298	8.0	42	1F	C	0440	.83			2	
090 CULG	02	0433	0456	0439	N15	W66	.906	10283	28.2	23	1N	C	0439	1.03	2.40		2	
GRP25095	02	1243	1302	1248	S24	E14	.560	10292	3.6	19	--N			.50			3 3 3 6	
CATA	02	1240E	1320	1250	S25	E13	.568	10292	3.5	40D	-N		1250	.46	.57		170	
HUAN	02	1245	1255	1247	S24	E14	.560	10292	3.6	10	-N	2 C	1247	.25	.30		E	
CANR	02	1245	1252	1247	S24	E14	.560	10292	3.6	7	-N	C		.80	1.00			
GRP25096	02	1809	1830	1821	S11	W41	.703	10288	30.7	21	--F			.37			2 2 1 4	
HUAN	02	1800E	1824		S12	W43	.730	10288	30.5	24D	-F	2 C	1816	.37	.52		E	
BOUL	02	1818	1836D	1821	S10	W39	.675	10288	30.8	18D	-F	V						
GRP25099	02	2144	2249	2153	N03	W16	.284	10289	1.7	65	1N			3.00			4 3 3 5	
HALE	02	2143	2230	2157	N03	W16	.284	10289	1.7	47	1N	2 C	2157	3.30	3.40		FGC	
MCMA	02	2144	2246D	2151	N02	W16	.289	10289	1.7	62D	1N	C	2151	3.09	3.00		F	
BOUL	02	2145	2156D	2151U	N03	W14	.251	10289	1.9	11D	1N	C		2.60	2.70		E	
BOUL	02	2145E	2311D	2150	N05	W18	.310	10289	1.6	86D	1N	V						
CULG	02	2210E	2215D		N03	W16	.284	10289	1.7	5D	1N	P	2213	2.58	2.50		B	
103 HALE	03	0205	0250	0209	S11	W47	.768	10288	30.6	45	--F	1 C	0209	.36	.60		3	
GRP25104	03	0441	0450	0445	N13	W85	.994	10283	27.8	9	-F			.66			2 2 2 3	
TACH	03	0438	0449	0444	N12	W85	.994	10283	27.8	11	1F	C	0444	.91		2.70	48	
CRON	03	0443	0450	0445U	N13	W85	.994	10283	27.8	7	-N	C		.40	1.30			
GRP25105	03	0512	0529	0517	S14	W59	.885	10288	29.8	17	-N			.87			2 2 2 4	
MANI	03	0510	0532	0518	S14	W58	.877	10288	29.9	22	-N	1	0518	.83	1.53			
TACH	03	0514	0526	0515	S14	W59	.885	10288	29.8	12	-N	C	0515	.91	1.90	2.30	54	
GRP25111	03	0925	0950	0927	S23	W02	.504	10292	3.2	25	-N			.85			3 3 3 4	
CANR	03	0925	0950	0929	S24	E00	.518	10292	3.4	25	-N	C		1.20	1.40			
CATA	03	0925	0935D	0925	S24	E00	.518	10292	3.4	10D	-B		0925	.98	1.17		224	
MANI	03	0925	0931D	0928	S22	W06	.497	10292	2.9	60	-N	1	0928	.36	.41			
GRP25112	03	1207	1255	1218	N08	W40	.638	10289	31.5	48	-B			1.04			3 2 2 6	
CATA	03	1205	1245D	1220	N09	W39	.624	10289	31.6	40D	-B		1220	1.04	1.34		240	
MCMA	03	1209	1255	1216	N06	W40	.639	10289	31.5	46	-B	C	1216	1.03	1.40		EL	
CANR	03	1230E	1253	1239U	N07	W40	.638	10289	31.5	23D	1N	C		2.20	2.90		E	
GRP25118	03	1623	1636	1627	S12	W54	.839	10288	30.6	13	-N			.82			4 4 4 9	
CANR	03	1623E	1634	1625U	S12	W55	.848	10288	30.6	11D	1N	C		1.20	2.20			
HUAN	03	1623	1633	1628	S12	W53	.830	10288	30.7	10	-F	2 C	1628	.37	.71		E	
MCMA	03	1623	1642		S11	W54	.836	10288	30.6	19	-N	C		.62	1.20		E	
BOUL	03	1623	1635	1628	S12	W53	.830	10288	30.7	12	-F	V						
BOUL	03	1624	1638	1628	S13	W54	.842	10288	30.6	14	-N	C		1.10	2.00			
GRP25119	03	1635	1731	1719	S11	W56	.854	10288	30.5	56	--F			.25			3 1 1 6	
HUAN	03	1635	1731	1726	S11	W56	.854	10288	30.5	56	-F	2 C	1726	.25	.45		D	
MCMA	03	1700E	1705D		S11	W54	.836	10288	30.7	5D	-N	C	1700	.62	1.20		E	
BOUL	03	1710	1722	1712	S11	W56	.854	10288	30.5	12	-F	V						

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	DATE 1969 SEP	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.	MAX. WIDTH Ha	MAX. INT. %	
7 STATIONS REPORTING GROUP 25186. 3 STATIONS OBSERVING AND NOT REPORTING.																		
GRP25186	06	1622	1659	1627	S15	E58	.880	10300	11.0	37	1N						6 6 6 10	
HUAN	06	1620	1707	1626	S15	E58	.880	10300	11.0	47	-N	2	P	1626	.45		E	
MEUD	06	1621	1643D		S13	E58	.875	10300	11.0	22D	1N		C	1625	1.55	3.00		
MOMA	06	1621	1657	1626	S16	E58	.882	10300	11.0	36	-N		C	1626	.83	1.70	E	
SACP	06	1621	1703	1626	S14	E55	.853	10300	10.8	42	1F		C		2.28	3.31		
BOUL	06	1623	1645D	1625U	S16	E58	.882	10300	11.0	22D	1N		C		1.40	2.70	HL	
CANR	06	1623	1647	1633	S16	E58	.882	10300	11.0	24	1N		C		1.60	3.00	HL	
25186	06	1641	1705	1645	S11	E54	.836	10300	10.7	24	*-N				.21		2 2 1 8	
HALE	06	1639	1705	1645	S10	E54	.834	10300	10.7	26	-N	2	C	1645	.21	.40		
BOUL	06	1643	1657D	1645	S11	E53	.827	10300	10.7	14D	-N		V					
GRP25187	06	1751	1808	1753	N23	E25	.481	10298	8.6	17	--N				.31		3 3 2 7	
BOUL	06	1751	1808D	1752	N23	E24	.469	10298	8.5	17D	-N		V					
HALE	06	1751	1810	1753	N23	E25	.481	10298	8.6	19	-N	2	C	1753	.21	.20		
SACP	06	1751	1806	1754	N22	E25	.473	10298	8.6	15	-N		C		.41	.43		
GRP25189	06	1934	1949	1936	N25	E16	.398	10298	8.0	15	--F				1.04		2 2 2 5	
SACP	06	1933	1945	1937	N25	E16	.398	10298	8.0	12	-F		C		.84	.83		
HALE	06	1934	1953	1935	N25	E15	.388	10298	7.9	19	-N	2	C	1935	1.24	1.30	S	
	06	2359	0000		NO FLARE PATROL													
	06	2359	0000		NO FLARE PATROL													
GRP25192	07	0230	0412	0307	S16	E51	.825	10300	10.9	102	1F				1.34		2 1 1 2	
MITK	07	0230	0412	0307	S16	E51	.825	10300	10.9	102	1F		C	0307	1.34	2.30	E	
CRON	07	0242	0345	0252	S15	E48	.794	10300	10.7	63	1N		C		1.40	2.40	EK	
GRP25193	07	0334	0358	0334	N05	W74	.959	10289	1.6	24	2B				3.14		3 3 3 4	
CRON	07	0331	0350	0333	N05	W76	.968	10289	1.4	19	2B		C		2.70	7.80	EHL	
MITK	07	0331	0405	0334	N04	W75	.964	10289	1.5	34	2N		C	0334	2.58		FH	
CULG	07	0340	0340D		N05	W70	.937	10289	1.9		2B		P	0340	4.13		S	
194 MITK	07	0336	0347	0339	S14	W90	1.000	10288	31.4	11	1F		C	0339	.93		H 3	
GRP25196	07	0439	0448	0442	N11	W66	.907	10293	2.2	9	-N				.58		2 2 2 3	
MITK	07	0438	0448	0440	N11	W65	.900	10293	2.3	10	-N		C	0440	.52		D	
TACH	07	0439	0448	0443	N10	W67	.915	10293	2.2	9	-N		C	0443	.64	1.90	57	
GRP25197	07	0511	0533	0518	N23	E13	.344	10298	8.2	22	-N				1.17		4 3 3 4	
MITK	07	0508	0621	0516	N23	E13	.344	10298	8.2	73	-N		C	0516	1.13	1.20	E	
TACH	07	0511	0536	0519	N23	E13	.344	10298	8.2	25	-N		C	0519	1.37	1.50	E	
CRON	07	0515	0530	0520	N22	E13	.331	10298	8.2	15	-N		C		1.00	1.10		
CRON	07	0515	0530	0525	N22	E13	.331	10298	8.2	15	-N		C					
CAPS	07	0615E	0620D		N21	E11	.299	10298	8.1	5D	-N	3	V	0618	1.00	1.00	160	
	07	0633	0635		NO FLARE PATROL													
	07	0633	0635		NO FLARE PATROL													
	07	0636	0640		NO FLARE PATROL													
	07	0636	0640		NO FLARE PATROL													
GRP25198	07	0726	0746	0734	N13	W79	.977	10293	1.4	20	-F				.77		2 2 1 3	
MONT	07	0726	0749	0734	N13	W82	.987	10293	1.2	23	-N		C	0734	.77			
ONDR	07	0735E	0742		N12	W76	.965	10293	1.6	7D	1F		V	0736		2.00	C	
199 MONT	07	0733	0753	0741	S14	W90	1.000	10291	31.6	20	-N		C	0741	.46		3	
GRP25202	07	0946	1017	0959	N04	W90	1.000	10289	31.7	31	-N				.46		2 2 1 5	
HTPR	07	0945	1017D		N05	W90	1.000	10289	31.7	32D	-N		C					
MONT	07	0946	1000D	0959	N02	W90	1.000	10289	31.7	14D	-N		C	0959	.46			
GRP25203	07	1020	1045	1029	S34	E28	.755	10304	9.5	25	--F				.52		2 1 1 5	
MEUD	07	1020	1045	1029	S34	E28	.755	10304	9.5	25	-F		C	1029	.52	.70		
ONDR	07	1038E	1043		S30	E25	.699	10304	9.3	5D	1F		V	1040		2.00	CG	
GRP25205	07	1246	1320	1250	N21	E09	.280	10298	8.2	34	1N				1.73		3 3 3 5	
MEUD	07	1245	1250D		N21	E09	.280	10298	8.2	5D	-F		C	1247	.72	.70		
KIEV	07	1247	1320	1250	N21	E09	.280	10298	8.2	33	1N		C	1250	2.00	2.00	65	
CAPP	07	1256E	1310D		N22	E09	.294	10298	8.2	14D	1N		P	1258	2.48	2.64	EI	
GRP25209	07	1648	1743	1702	N22	E06	.273	10298	8.2	55	--N				.82		3 3 2 5	
HUAN	07	1645	1739D		N21	E05	.252	10298	8.1	54D	-N	2	C	1704	.75	.79	E	
BOUL	07	1648	1731	1702	N22	E07	.279	10298	8.2	43	-B		V					
HALE	07	1650	1758	1701	N22	E06	.273	10298	8.2	68	-N	1	C	1701	.88	.90		

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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 Ha	MAX. INT. %	
					LAT.	MER. DIST.												
	1969 SEP																	
GRP25211	07	1853	1906	1855	N22	E06	.273	10298	8.2	13	--N						2 2 2 3	
MCMA	07	1853	1903	1855	N22	E06	.273	10298	8.2	10	-N	C	1855	.26	.30		D	
HALE	07	1853	1908	1855	N22	E05	.268	10298	8.2	15	-N	1 C	1855	.26	.30			
GRP25212	07	2009	2038	2012	N22	E07	.279	10298	8.4	29	--F						2 2 2 4	
HUAN	07	2008E	2055D		N22	E08	.286	10298	8.4	47D	-F	1 P	2017	.39	.39		E	
MCMA	07	2009	2020	2012	N22	E06	.273	10298	8.3	11	-N	C	2012	.41	.50		E	
	08	0005	0015	NO FLARE PATROL														
GRP25213	08	0600	0626	0618	S33	E16	.682	10304	9.5	26	--N						5 5 4 7	
ISTA	08	0600E	0625		S33	E15	.678	10304	9.4	25D	-B							
BUCA	08	0610E	0622D		S33	E16	.682	10304	9.5	12D	-F	C	0616	.43	.60		D	
CRIM	08	0610E	0630	0616	S34	E16	.694	10304	9.5	20D	-N	C	0616	.63	.90			
CATA	08	0615E	0625D	0620	S33	E16	.682	10304	9.5	10D	-B		0620	.29	.40	398		
CAPS	08	0618E	0625		S30	E16	.647	10304	9.5	7D	-B	3 V	0620	.40	.50	204	CD	
GRP25215	08	0943	1001	0944	N22	W02	.257	10298	8.3	18	-N						3 3 3 7	
MONT	08	0941	1002	0943	N21	W02	.240	10298	8.3	21	-N	C	0943	1.55				
CAPS	08	0944E	0950D		N23	W02	.273	10298	8.3	6D	-N	3 V	0945	1.00	1.00	170		
CATA	08	0945	1000	0945	N22	W03	.259	10298	8.2	15	-B		0945	.87	.90	407		
GRP25217	08	1506	1925 (1714)		S34	E10	.673	10304	9.4	259	--N						2 1 1 5	
HUAN	08	1506E	1925D		S34	E10	.673	10304	9.4	259D	-N	1 P	1714	.62	.84		E	
MCMA	08	1617	1621D		S30	E10	.622	10304	9.4	4D	-N	C	1619	.31	.40		D	
	09	0103	0108	NO FLARE PATROL														
	09	0103	0108	NO FLARE PATROL														
GRP25220	09	0521	0549	0535	S36	E03	.686	10304	9.4	28	-N			1.25			5 4 4 9	
CULG	09	0507	0635	0539	S35	E01	.673	10304	9.3	88	1N	C	0539	2.17	2.73		HLS	
MANI	09	0515E	0536D		S35	E04	.675	10304	9.5	21D	-N	1 C	0526	1.08	1.44			
MITK	09	0520	0548	0531	S36	E03	.686	10304	9.4	28	-F	C	0531	1.03	1.40		D	
CRON	09	0528	0550	0534U	S36	E03	.686	10304	9.5	22	-N	C		.70	1.00			
ISTA	09	0605E	0645		S37	E01	.698	10304	9.3	40D	-N							
GRP25223	09	1707	1742	1715	N19	W21	.399	10298	8.1	35	--B			.80			2 2 2 4	
HUAN	09	1701	1800	1714	N18	W21	.392	10298	8.1	59	-B	1 C	1714	.57	.62		E	
SACP	09	1712	1723	1716	N20	W21	.407	10298	8.1	11	-N	C		1.03	1.04			
225 HUAN	09	1901	1921		S19	E78	.988	10309	15.6	20	--F	2 C	1904	.37			D 2	
GRP25226	09	2347	0001	2349	N22	W24	.461	10298	8.2	14	-B			1.40			2 2 2 3	
VORO	09	2347E	0001		N21	W25	.466	10298	8.1	14D	-B	C	2349	1.66	1.80	77	EJ	
SACP	09	2347	2356D	2349	N22	W23	.448	10298	8.3	9D	-N	C		1.13	1.15			
GRP25228	10	0519	0537	0522	S20	E69	.957	10309	15.4	18	1B			1.33			3 3 3 3	
MANI	10	0518E	0541	0521	S19	E71	.964	10309	15.5	23D	1N	1 C	0521	1.86	4.30			
CULG	10	0518	0542D	0522	S20	E69	.957	10309	15.4	24D	1B	P	0522	1.24			VK	
CRON	10	0520	0527	0523	S21	E68	.953	10309	15.3	7	1B	C		.90	2.30		H	
GRP25229	10	0702	0713	0703	S34	W09	.671	10304	9.6	11	-B			.84			5 5 3 9	
CRIM	10	0701	0714	0703	S35	W08	.681	10304	9.7	13	-B	C	0703	1.07	1.40		D	
ISTA	10	0701	0722	0702	S34	W11	.676	10304	9.5	21	-N							
HURB	10	0701E	0708		S33	W08	.656	10304	9.7	7D	-B					3.00	D	
CAPE	10	0703	0710	0704	S34	W09	.671	10304	9.6	7	-N	C	0704	.90	1.20		D	
BUCA	10	0705E	0713D		S35	W08	.681	10304	9.7	8D	-B	C	0705	.55	.70		D	
GRP25232	10	0945	0954 (0949)		S32	W12	.655	10304	9.5	9	-F			1.45			2 2 2 5	
ARCE	10	0945E	0952		S30	W10	.622	10304	9.7	7D	-F	C	0949	.63	.80			
KHAR	10	0946E	0956D		S33	W13	.671	10304	9.4	10D	1N	P	0949	2.27	3.10	2.60	DH	
6 STATIONS REPORTING GROUP 25234. 1 STATIONS OBSERVING AND NOT REPORTING.																		
GRP25234	10	1239	1312	1246	N20	W64	.892	10296	5.7	33	-N			.75			4 4 4 6	
MEUD	10	1238	1313D	1246	N19	W63	.884	10296	5.8	35D	-N	C	1246	.93	1.80			
MCMA	10	1239	1309	1242	N20	W65	.899	10296	5.7	30	-N	C	1242	.31	.70		DH	
CANR	10	1240	1310	1244	N20	W62	.877	10296	5.9	30	-N	C		.80	1.60			
CAPE	10	1240	1315	1253	N21	W65	.900	10296	5.7	35	-N	C	1253	.95	2.00			
25234	10	1243	1323	1259	N19	W65	.899	10296	5.7	40	*-N			.93			2 2 1 7	
ZURI	10	1243E	1323	1259	N19	W66	.906	10296	5.6	40D	-N	C	1259	.93				
BOUL	10	1250E	1259D		N18	W63	.884	10296	5.8	9D	-N	S						
GRP25236	10	1347	1435	1403	N20	W64	.892	10296	5.8	48	--F			.47			3 2 2 8	
MEUD	10	1337	1416D	1403	N19	W63	.884	10296	5.8	39D	-F	C	1403	.52	1.00			
ZURI	10	1351	1435	1423	N20	W63	.885	10296	5.9	44	-N	C	1423	.62	1.30			
MCMA	10	1356	1425	1402	N20	W65	.899	10296	5.7	29	-F	C	1402	.41	1.00		E	

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	DATE	START	END	MAX. PHASE	APPROX. MER. DIST.		CENTRAL DISTANCE	MCMAH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %	
					LAT.	DIST.												
	1969																	
	SEP																	
GRP25257	11	1430	1443	1434	S21	E48	.818	10309	15.2	13	-N		.69				7 6 5 8	
ZURI	11	1423	1441	1433	S22	E48	.823	10309	15.2	18	-N	C	1433	.83	1.40			
HUAN	11	1423E	1444D	1435	S19	E38	.716	10309	14.4	21D	-B	1 C	1435	.41	.72		D	
HTPR	11	1429	1442	1433	S21	E50	.835	10309	15.4	13	-N	C	1433	.83	1.40			
MCHA	11	1430	1444	1434	S21	E48	.818	10309	15.2	14	-N	C	1434	.36	.60		E	
MEUD	11	1431	1440	1433	S21	E50	.835	10309	15.4	9	-B	C	1433	1.03	1.70			
BOUL	11	1432	1443	1434	S20	E46	.797	10309	15.1	11	-N	V						
CATA	11	1435	1445D	1435	S21	E47	.810	10309	15.1	10D	-B		1435	.40	.73	229	T	
GRP25259	11	1536	1611	1600	S31	W33	.761	10304	9.2	35	--F		.33				3 3 3 7	
HUAN	11	1535E	1612		S31	W32	.755	10304	9.2	37D	-F	2 C	1602	.17	.25		E	
MEUD	11	1535	1610	1559	S31	W33	.761	10304	9.2	35	-F	C	1559	.41	.50			
HTPR	11	1538	1610	1600	S31	W33	.761	10304	9.2	32	-F	C	1600	.41	.50			
GRP25260	11	1553	1607	1602	S20	E47	.805	10309	15.2	14	-N		.56				3 3 3 7	
HUAN	11	1552	1602	1601	S19	E48	.810	10309	15.3	10	-N	2 C	1601	.35	.58		E	
MEUD	11	1553	1610	1602	S20	E47	.805	10309	15.2	17	-N	C	1602	.72	1.20			
HTPR	11	1554	1610	1602	S20	E47	.805	10309	15.2	16	-F	C	1602	.62	1.10			
GRP25261	11	1620	1639	1627	S20	E47	.805	10309	15.2	19	--N		.57				5 5 4 7	
HUAN	11	1614	1655D		S20	E48	.814	10309	15.3	41D	-N	2 P	1625	.62	1.00		D	
MEUD	11	1620	1636	1626	S21	E46	.801	10309	15.1	16	-F	C	1626	.52	.80			
HTPR	11	1621	1635	1626	S21	E46	.801	10309	15.1	14	-N	C	1626	.52	.80			
ZURI	11	1621	1635	1627	S20	E48	.814	10309	15.3	14	-N	C	1627	.62	1.10			
BOUL	11	1624	1636	1627	S20	E46	.797	10309	15.1	12	-F	V						
262 HUAN	11	1900E	1931		S31	W33	.761	10304	9.3	31D	--F	1 P	1911	.33	.51		E 2	
4 STATIONS REPORTING GROUP 25263. 0 STATIONS OBSERVING AND NOT REPORTING.																		
GRP25263	11	2017	2055	2026	S31	W32	.755	10304	9.4	38	-N		1.23				2 2 2 3	
CULG	11	2017	2048	2026	S32	W31	.756	10304	9.5	31	-N	C	2034	1.02	1.27			
	11	2034E	2101D		S29	W32	.738	10304	9.5	27D	1N	P		1.44	2.27		B	
25263 HUAN	11	1945	2042	2014	S31	W33	.761	10304	9.3	57	*-F		.50				2 2 1 4	
BOUL	11	1945	2037D		S31	W33	.761	10304	9.3	52D	-N	2 P	2012	.50	.77		E	
	11	2008	2042	2014	S31	W32	.755	10304	9.4	34	-F	V						
264 VORO	11	2242	2250	2244	S34	W35	.798	10304	9.3	8	1B	C	2244	1.75	2.70	94	EJ 2	
GRP25266	12	0702	0804	0737	S31	W40	.810	10304	9.3	62	-N		1.00				4 3 3 9	
HTPR	12	0702E	0803		S31	W40	.810	10304	9.3	61D	-N	C	0747	.93	1.50			
MEUD	12	0704E	0803		S31	W40	.810	10304	9.3	59D	-N	C	0747	.93	1.50			
ABST	12	0720	0800	0726	S31	W44	.837	10304	9.0	40	-F	C	0726	.99	1.80	46	D	
MONT	12	0721E	0806	0747	S31	W40	.810	10304	9.3	45D	-F	C	0747	1.13				
GRP25268	12	0745	0755	0748	S18	E35	.679	10309	14.9	10	-N		.85				7 7 5 8	
ISTA	12	0740	0750		S14	E34	.641	10309	14.9	10	-N							
ONDR	12	0743E	0757		S19	E35	.686	10309	14.9	14D	-F	V	0748			2.00	DJ	
MONT	12	0745	0751	0747	S18	E37	.700	10309	15.1	6	-N	C	0747	1.13				
MEUD	12	0746	0755	0748	S18	E35	.679	10309	14.9	9	-B	C	0748	.93	1.30			
HTPR	12	0746	0755	0748	S18	E35	.679	10309	14.9	9	-N	C	0748	.93	1.30			
ABST	12	0746	0800	0749	S18	E35	.679	10309	14.9	14	-N	C	0749	.90	1.20	68	D	
CATA	12	0750	0755	0750	S18	E35	.679	10309	15.0	5	-B		0750	.34	.48	209		
GRP25272	12	1033	1054	1038	S18	E38	.710	10309	15.3	21	--N		.54				5 5 5 11	
CATA	12	1030	1100	1040	S18	E40	.730	10309	15.4	30	-B		1040	.52	.76	346	E	
LOCA	12	1030	1055	1036	S17	E41	.734	10309	15.5	25	-N	V	1036	.63	.80			
CAPS	12	1035E	1053D		S18	E35	.679	10309	15.1	18D	-B	V	1037	.50	.70	191		
HTPR	12	1036	1050	1039	S20	E36	.703	10309	15.1	14	-F	C	1039	.52	.80			
MEUD	12	1036	1050	1038	S19	E36	.696	10309	15.1	14	-F	C	1038	.52	.80		E	
GRP25273	12	1053	1104	1055	N16	E51	.773	10314	16.3	11	-N		1.30				4 4 4 11	
MEUD	12	1052	1102	1055	N14	E50	.761	10314	16.2	10	-N	C	1055	1.24	1.90			
HTPR	12	1052	1102	1054	N13	E51	.771	10314	16.3	10	-N	C	1054	1.13	1.80			
ZURI	12	1053	1101	1055	N17	E53	.794	10314	16.4	8	1F		1055	1.65	2.70			
CATA	12	1055	1110	1055	N18	E51	.774	10314	16.3	15	-B		1055	1.16	1.88	246		
GRP25274	12	1153	1204	1157	N21	W59	.853	10298	8.1	11	--F		.45				3 3 3 13	
MEUD	12	1152	1203	1156	N21	W60	.861	10298	8.0	11	-F	C	1156	.41	.70			
ZURI	12	1153	1207	1157	N22	W58	.845	10298	8.1	14	-F		1157	.52	1.00			
HTPR	12	1155	1203	1158	N21	W59	.853	10298	8.1	8	-F	C	1158	.41	.60			

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	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL	MCMT PLAGE	CMP				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %			
	1969	SEP			LAT.	MER. DIST.	DISTANCE	REGION	DAY											
GRP25275	12	1509	1541	1517	S32	W42	.830	10304	9.5	32	-N			1.04						
HUAN	12	1500	1539		S31	W43	.831	10304	9.4	39	-B	1	C	1518	.45	.79				12 12 11 12
MCMA	12	1503	1555	1517	S33	W41	.829	10304	9.6	52	-B		C	1517	.41	.80				E
ZURI	12	1505	1605	1521	S32	W42	.830	10304	9.5	60	1N		C	1521	1.34	2.30				E
MONT	12	1507	1540D	1517	S31	W44	.837	10304	9.3	330	-N		C	1517	1.34					H
HTPR	12	1510	1536	1519	S33	W40	.823	10304	9.6	26	-B		C	1519	1.24	2.00				E
MEUD	12	1510	1530	1516	S32	W43	.836	10304	9.4	20	-N		C	1516	.62	1.10				E
SACP	12	1511	1537U	1518U	S32	W43	.836	10304	9.4	260	-N		C		1.14	1.59				E
CANR	12	1511	1530	1515	S31	W43	.831	10304	9.4	19	-N		C		.90	1.50				E
HOUT	12	1512	1538	1515	S33	W40	.823	10304	9.6	26	-N		C		1.20	2.00				
LOCA	12	1513	1545	1520	S33	W39	.816	10304	9.7	32	1N		V	1520	2.10	3.70				
ONDR	12	1515E	1532		S33	W41	.829	10304	9.6	170	1B		V	1517			3.50			CJ
CATA	12	1515	1550D	1515	S31	W43	.831	10304	9.4	350	-B			1515	.69	1.24		355		
GRP25276	12	1713	1724	1716	S08	E67	.930	10317	17.7	11	--F				.28					2 2 2 3
HTPR	12	1712	1715D		S07	E65	.916	10317	17.6	30	-F		C	1715	.41	.80				
MCMA	12	1714	1724	1716	S08	E69	.942	10317	17.9	10	-N		C	1716	.15	.40				D
GRP25277	12	1822	2018	1846	S08	E39	.666	10313	15.7	116	--B				.21					2 1 1 2
HUAN	12	1822	2018D		S08	E39	.666	10313	15.7	1160	-B	2	P	1829	.21	.28				E
MCMA	12	1830	2050D	1846	S08	E38	.654	10313	15.6	1400	-N		C	1846	.52	.70				EJK
278 MCMA	12	1941	1954	1946	S20	E36	.703	10309	15.5	13	--F		C	1946	.15	.20				D
GRP25279	12	1943	1952	1946	N16	E47	.728	10314	16.3	9	--F				.30					2 2 2 2
MCMA	12	1941	1954	1946	N15	E46	.716	10314	16.3	13	-N		C	1946	.26	.40				E
HUAN	12	1944	1950		N16	E47	.728	10314	16.3	6	-F	1	P	1945	.33	.48				E
GRP25280	12	2007	2103	2045	N15	E46	.716	10314	16.3	56	--N				.54					3 3 2 4
HUAN	12	2003E	2103D		N15	E47	.727	10314	16.4	600	-N	2	P	2045	.45	.66				E
MCMA	12	2011	2027		N15	E45	.704	10314	16.2	16	-N		C	2016	.52	.70				E
BOUL	12	2032E	2058D	2044	N16	E47	.728	10314	16.4	260	-N		S							E
MCMA	12	2042	2103	2045	N15	E45	.704	10314	16.2	21	-N		C	2045	.62	.80				E
GRP25281	12	2050	2117	2055	S08	E37	.642	10313	15.6	27	--N				.49					3 3 2 4
BOUL	12	2049	2058D	2055	S08	E38	.654	10313	15.7	90	-N		V							
MCMA	12	2051	2117D	2054	S08	E36	.629	10313	15.6	260	-B		C	2054	.62	.80				EH
HUAN	12	2054E	2113D		S08	E38	.654	10313	15.7	190	-N	1	P	2055	.35	.46				D
GRP25282	12	2110	2206	2128	N15	E43	.680	10314	16.1	56	--N				.62					3 1 1 5
MCMA	12	2110	2206D	2128	N15	E43	.680	10314	16.1	560	-N		C	2128	.62	.80				EHK
HUAN	12	2123	2150		N04	E44	.693	10314	16.2	27	-F	1	P	2145	.25	.35				E
VORO	12	2126	2201		N16	E45	.705	10314	16.3	35	1N		C	2139	2.50	3.39		78		EHJ
GRP25283	12	2118	2147	2123	S09	E37	.647	10313	15.7	29	--N				.61					2 2 2 5
MCMA	12	2118	2147	2123	S08	E35	.617	10313	15.5	29	-N		C	2123	.41	.50				E
HUAN	12	2119E	2146		S09	E38	.659	10313	15.7	270	-N	1	P	2122	.80	1.00				E
GRP25287	13	0111	0145	0115	S32	W47	.862	10304	9.5	34	1B				3.18					3 3 3 3
VORO	13	0109	0157	0112	S34	W46	.865	10304	9.6	48	2N		C	0112	5.27	10.43			91	EHJ
GRON	13	0112	0135	0118	S32	W48	.868	10304	9.4	23	1B		C		2.40	4.60				
CULG	13	0120E	0144D		S30	W47	.852	10304	9.5	240	1B		P	0122	1.86	3.60				
GRP25288	13	0424	0502	0430	N16	E41	.656	10314	16.3	38	-N				.71					2 2 2 3
MITK	13	0420E	0437	0429	N15	E40	.642	10314	16.2	170	-N		C	0429	.52	.70				EH
GRON	13	0428	0500	0431	N17	E41	.658	10314	16.3	32	-N		C		.90	1.20				HL
MITK	13	0448	0504	0457	N15	E40	.642	10314	16.2	16	1N		C	0457	1.75	2.30				EH
4 STATIONS REPORTING GROUP 25290. 4 STATIONS OBSERVING AND NOT REPORTING.																				
GRP25290	13	0654	0728	0707	N15	E38	.616	10314	16.1	34	1N				2.37					2 2 1 8
CULG	13	0654	0731D	0707	N15	E38	.616	10314	16.1	370	1N		P	0707	2.37	2.99				LS
ONDR	13	0655E	0724		N14	E37	.601	10314	16.1	290	1N		V	0700			2.40			CHJKT
25290	13	0713	0748	0720	N15	E40	.642	10314	16.3	35	*-B				.75					2 2 1 8
ISTA	13	0710E	0800		N15	E40	.642	10314	16.3	500	-B									
CATA	13	0715	0735	0720	N15	E39	.629	10314	16.2	20	-B			0720	.75	.98			263	E
GRP25291	13	0809	0825	0814	N14	E39	.628	10314	16.3	16	-N				2.07					6 6 6 9
ARCE	13	0802E	0832D		N14	E37	.601	10314	16.1	300	-N		C	0815	.98	1.20				
KIEV	13	0808	0825	0814	N15	E38	.616	10314	16.2	17	1N		C	0814	4.50					DI
KHAR	13	0811E	0825D		N12	E40	.639	10314	16.3	140	1F		P	0818	2.58	3.50	1.80			D
CRON	13	0811E	0823	0813U	N16	E38	.618	10314	16.2	120	-N		C		1.20	1.60				H
CAPE	13	0811	0820	0815	N15	E37	.603	10314	16.1	9	-N		C	0815	1.08	1.40				
MANI	13	0814E	0817D		N13	E42	.665	10314	16.5	30	1N	1		0814	2.06	2.78				
GRP25294	13	1209	1215	1212	N15	E34	.562	10314	16.1	6	--N				.38					3 3 3 6
ZURI	13	1207	1215	1212	N16	E34	.565	10314	16.1	8	-N		C	1212	.52	.60				
MCMA	13	1209	1216	1212	N15	E34	.562	10314	16.1	7	-N		C	1212	.31	.40				D
MEUD	13	1211	1213	1211	N13	E34	.558	10314	16.1	2	-F		C	1211	.31	.40				D

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	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 Ha		MAX. INT. %		
					LAT.	MER. DIST.														
	1969 SEP																			
25343	16	1127	1302	1133	S19	W15	.501	10309	15.4	95	*1N									
CAPS	16	0952E	1303D		S17	W15	.475	10309	15.3	191D	1B	2	P	1133	3.63	2.50	2.70	240	6 5 5 7	
KHAR	16	1055E	1205D		S18	W17	.504	10309	15.2	70D	2F		V	1112				2.40	EK	
CAPE	16	1127	1200	1130	S20	W15	.514	10309	15.4	33	-N		C	1130	1.27	1.50			T	
KIEV	16	1127	1300	1137	S20	W16	.521	10309	15.3	93	2N		C	1216	10.00	12.00			65	EIK
CANR	16	1127	1148	1131	S19	W15	.501	10309	15.4	21	1B		C		2.10	2.30				I
CAPP	16	1130E	1145D		S18	W14	.481	10309	15.4	15D	1N		P	1137	2.27	2.64				
25343	16	1210	1300	1230	S19	W17	.516	10309	15.2	50	*1B				2.29					2 2 2 8
CAPE	16	1210	1300	1230	S20	W17	.529	10309	15.2	50	1N		C	1230	1.90	2.20				
CAPP	16	1220E	1250D		S18	W16	.496	10309	15.3	30D	1B		C	1226	2.68	3.12				
25343	16	1146	1327	(1150)	S20	W16	.521	10309	15.3	101	*-F				.89					2 2 2 9
HUAN	16	1146E	1327D		S19	W15	.501	10309	15.4	101D	-F	1	P	1149	.75	.86				E
MEUD	16	1150E	1158D		S20	W17	.529	10309	15.2	8D	-N		C	1150	1.03	1.10				F
GRP25345	16	1333	1404	1337	S19	W15	.501	10309	15.4	31	-N				1.00					7 7 6 9
SACP	16	1331	1409	1338	S19	W15	.501	10309	15.4	38	-B		C		1.66	1.72				
HUAN	16	1331	1410	1335	S20	W17	.529	10309	15.3	39	-N	2	C	1335	.50	.57				E
CANR	16	1332	1351	1335	S18	W16	.496	10309	15.4	19	-N		C		1.30	1.40				I
CAPE	16	1332	1405	1336	S19	W14	.494	10309	15.5	33	-N		C	1336	.99	1.20				
BOUL	16	1334E	1410	1337	S17	W13	.460	10309	15.6	36D	1N		V							
CATA	16	1335	1400	1340	S18	W16	.496	10309	15.4	25	-B		C	1340	1.22	1.41				426
MEUD	16	1343E	1343D		S20	W15	.514	10309	15.4		-F		C	1343	.31	.30				
4 STATIONS REPORTING GROUP 25346. 2 STATIONS OBSERVING AND NOT REPORTING.																				
GRP25346	16	1640	1704	1644	S19	W17	.516	10309	15.4	24	-N				.83					3 3 3 5
SACP	16	1621	1709	1642	S19	W16	.509	10309	15.5	48	-N		C		1.13	1.18				
BOUL	16	1638	1653	1646	S19	W17	.516	10309	15.4	15	-N		C		1.00	1.20				
HUAN	16	1641	1710	1645	S20	W17	.529	10309	15.4	29	-F	2	C	1645	.37	.45				E
25346	16	1623	1701	1625	S19	W16	.509	10309	15.5	38	*-N				1.24					2 2 1 5
HTPR	16	1623	1634D	1625	S20	W17	.529	10309	15.4	11D	-N		C	1625	1.24	1.30				E
BOUL	16	1625E	1701	1625	S17	W14	.467	10309	15.6	36D	-N		S							
GRP25347	16	1640	1659	1643	N02	E63	.891	10324	21.4	19	--N				.42					4 4 3 5
SACP	16	1640	1705	1642	N02	E63	.891	10324	21.4	25	-N		C		.52	.82				
CANR	16	1640	1651	1643	N02	E64	.898	10324	21.5	11	-N		C		.60	1.30				H
HUAN	16	1641E	1703	1643	S02	E66	.917	10324	21.6	22D	-F	2	C	1643	.15	.32				
BOUL	16	1641E	1655	1642	N04	E60	.864	10324	21.2	14D	-N		V							
GRP25349	16	1733	1753	1737	S20	E27	.616	10322	18.8	20	--N				.31					2 2 1 5
SACP	16	1729	1759	1737	S20	E28	.625	10322	18.8	30	-N		C		.31	.34				
BOUL	16	1736	1747	1736	S20	E25	.597	10322	18.6	11	-N		V							
GRP25351	16	1833	1847	1835	N11	E76	.966	10325	22.5	14	-N				.72					2 2 1 3
SACP	16	1831	1835D	1834	N12	E76	.965	10325	22.5	4D	-N		P		.72	1.56				
BOUL	16	1835	1847D	1836	N10	E75	.962	10325	22.4	12D	-N		V							
352 SACP	16	1928E	1954	1940	S05	E09	.261	10317	17.5	26D	--N		C		.62	.61				3
353 SACP	16	1942	2003	1947	S03	E21	.396	10317	18.4	21	--N		C		.21	.21				3
354 BOUL	16	2013	2020D	2014	S17	W13	.460	10309	15.9	7D	--F		V							2
GRP25355	16	2258	2310	2300	N15	E75	.960	10325	22.6	12	--F				.54					2 2 2 4
CULG	16	2257	2312	2259	N13	E75	.960	10325	22.6	15	1F		C	2259	.67					T
SACP	16	2258	2308	2301	N16	E75	.960	10325	22.6	10	-F		C		.41	.87				
GRP25360	17	0358	0428	0402	S19	W24	.578	10309	15.4	30	-N				1.67					4 4 4 6
TACH	17	0357	0430	0359	S19	W24	.578	10309	15.4	33	1N		C	0359	2.37	2.90			56	F
CRON	17	0358	0420	0401	S18	W26	.587	10309	15.2	22	-N		C		.90	1.10				I
KODA	17	0400	0423	0405	S18	W22	.548	10309	15.5	23	-N		V	0400	1.54	1.50		1.76		CE
MANI	17	0405E	0437		S19	W25	.587	10309	15.3	32D	1N	2		0405	1.86	2.28				
GRP25361	17	0503	0511	0506	S05	W03	.217	10317	17.0	8	--F				.31					2 2 2 6
MANI	17	0503	0513	0506	S05	W02	.214	10317	17.1	10	-F	1		0506	.26	.26				
TACH	17	0503	0509	0505	S04	W03	.201	10317	17.0	6	-N		C	0505	.36	.40			52	D

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OBSERVATORY	OBSERVED UT				LOCATION				DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS				REMARKS	
	DATE	START	END	MAX. PHASE	APPROX.	CENTRAL	MCMATH	CMP				TIME	MEAS. AREA	CORR. AREA	MAX. WIDTH		MAX. INT.
					LAT.												
	1969																
	SEP																
GRP25362	17	0658	0739	0710	S18	W26	.587	10309	15.3	41	-N						
ISTA	17	0651E	0803		S14	W28	.573	10309	15.2	72D	1N						9 8 7 12
MANI	17	0658	0720D	0705	S19	W25	.587	10309	15.4	22D	-N	2	0705	1.65	2.00		
HTPR	17	0658	0731D	0712	S20	W30	.644	10309	15.0	33D	-N		0712	1.13	1.20		E
BUCA	17	0700	0747	0707	S18	W25	.577	10309	15.4	47	-F	C	0707	1.99	2.10		
CATA	17	0700	0735D	0710	S18	W25	.577	10309	15.4	35D	-B		0710	.98	1.20		229
CAPS	17	0700E	0742D		S17	W25	.568	10309	15.4	42D	-B	2	P 0702	1.00	1.20		230
CAPE	17	0700	0735	0715	S18	W25	.577	10309	15.4	35	-F	C	0715	.90	1.10		
CRON	17	0700	0720	0705	S18	W26	.587	10309	15.3	20	-N	C	0715	.90	1.10		I
MONT	17	0718E	0758	0718	S19	W26	.597	10309	15.4	40D	-N	C	0718	1.03			
HTPR	17	0746E	0810		S20	W31	.654	10309	15.0	24D	-F	C	0750	.52	.60		
GRP25363	17	0733	0739	0733	S03	W04	.190	10317	17.0	6	--N			.64			
MONT	17	0732	0737	0733	S04	W04	.206	10317	17.0	5	-N	C	0733	.77			3 3 2 11
CAPS	17	0733E	0740		S04	W04	.206	10317	17.0	7D	-B	1	P 0734	.50	.50		190
ISTA	17	0733	0740		S02	W03	.168	10317	17.1	7	-N						
GRP25364	17	0832	0850	0835	S20	W29	.635	10309	15.2	18	--N			.43			
MONT	17	0830	0834D	0834	S20	W29	.635	10309	15.2	4D	-N	C	0834	.26			3 3 3 10
HTPR	17	0831	0850	0836	S20	W32	.664	10309	15.0	19	-F	C	0836	.52	.60		
CAPS	17	0834	0850		S19	W27	.606	10309	15.3	16	-N	3	P 0836	.50	.60		185
GRP25366	17	0837	0857	0842	S04	W06	.220	10317	16.9	20	-N			1.39			
ISTA	17	0820E	0855	0855	S02	W03	.168	10317	17.1	35D	-N						
HTPR	17	0835	0855	0840	S05	W08	.251	10317	16.8	20	-N	C	0840	1.03	1.00		
KHAR	17	0835E	0904D		S03	W06	.205	10317	16.9	29D	1N	P	0840	2.84	2.90		2.10
CAPE	17	0836	0850	0838	S03	W05	.197	10317	17.0	14	-N	C	0838	.99	1.00		H
CAPS	17	0837	0857D		S05	W04	.222	10317	17.1	20D	-B	3	P 0840	1.50	1.50		265
CANR	17	0837	0847	0839	S04	W06	.220	10317	16.9	10	-N	C	0840	1.20	1.20		H
CATA	17	0840	0910	0840	S04	W06	.220	10317	16.9	30	-B		0840	.75	.77		380
GRP25367	17	0919	0927	0920	S04	W05	.212	10317	17.0	8	--N			.40			
KHAR	17	0919	0927D		S03	W06	.205	10317	16.9	8D	1N	V	0920				2.40
CAPS	17	0919E	0930D		S05	W04	.222	10317	17.1	11D	-N	1	V				
CATA	17	0920	0925	0920	S04	W06	.220	10317	16.9	5	-B		0920	.40	.41		302
8 STATIONS REPORTING GROUP 25368, 0 STATIONS OBSERVING AND NOT REPORTING.																	
GRP25368	17	0936	1027	0949	S18	W28	.607	10309	15.3	51	1B			1.94			
HTPR	17	0934	1030	0945	S18	W30	.628	10309	15.1	56	1N	C	0945	2.58	3.00		6 6 6 8
CAPS	17	0934	1034		S18	W27	.597	10309	15.4	60	1B	2	P 0954	2.20	2.60		277
CATA	17	0935	1055	0955	S18	W28	.607	10309	15.3	80	1B		0955	2.02	2.54		452
CAPE	17	0935	1030	0955	S18	W27	.597	10309	15.4	55	-N	C	0955	1.36	1.70		
CRON	17	0936	1000	0945	S19	W27	.606	10309	15.4	24	-B	C		1.40	1.80		EI
CANR	17	0940	1015	0947	S18	W26	.587	10309	15.5	35	1B	C		2.10	2.60		EK
CANR	17	0940	1015	0953	S18	W26	.587	10309	15.5	35	1B						
25368	17	0934	1027	0937	S16	W29	.600	10309	15.2	53	*2N			5.10			
KHAR	17	0934E	1027D		S16	W29	.600	10309	15.2	53D	2N	P	1010	5.10	6.30		2.60
LOCA	17	0937E	0945D	0937	S18	W26	.587	10309	15.5	8D	1N	V	0937	2.73	3.30		
GRP25369	17	1013	1033	1017	S04	W07	.228	10317	16.9	20	-B			1.26			
HTPR	17	1010	1030	1015	S05	W09	.261	10317	16.7	20	-N	C	1015	1.03	1.00		
KHAR	17	1012	1045D		S03	W06	.205	10317	17.0	33D	1N	P	1020	3.40	3.50		2.80
CANR	17	1014	1025	1015	S04	W06	.220	10317	17.0	11	-B	C		1.20	1.20		
CAPE	17	1014	1027	1016	S04	W06	.220	10317	17.0	13	-N	C	1016	.90	.90		
CATA	17	1015	1030	1020	S04	W07	.228	10317	16.9	15	-B	C	1020	.52	.53		446
CAPS	17	1015E	1041D		S03	W05	.197	10317	17.1	26D	-B	2	V 1016	.50	.50		210
GRP25370	17	1052	1110	1055	S04	W06	.220	10317	17.0	18	--B			.40			
CATA	17	1050	1100D	1055	S04	W06	.220	10317	17.0	20D	-B		1055	.29	.30		302
CAPS	17	1053	1100D		S04	W05	.212	10317	17.1	7D	-N	2	V 1055	.50	.50		170
HTPR	17	1110	1125	1115	S05	W09	.261	10317	16.8	15	-N	C	1115	.83	.80		
GRP25371	17	1208	1230	1213	S04	W06	.220	10317	17.1	22	--N			.70			
CAPE	17	1207	1230	1215	S04	W07	.228	10317	17.0	23	-F	C	1215	.86	.90		
CAPS	17	1207	1230		S04	W05	.212	10317	17.1	23	-B	2	P 1217	.60	.60		200
CATA	17	1210	1225D	1210	S04	W07	.228	10317	17.0	15D	-B		1210	.63	.65		309
GRP25372	17	1349	1353	1350	S04	W08	.237	10317	17.0	4	--N			.72			
SACP	17	1349	1354	1350	S03	W08	.224	10317	17.0	5	-N	C		.52	.51		
CAPS	17	1349	1352		S04	W07	.228	10317	17.1	3	-N	V	1350	.50	.50		180
MONT	17	1349	1353	1349	S04	W08	.237	10317	17.0	4	-N	C	1349	1.13			H

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCWATH FLARE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %	
					LAT.	MER. DIST.												
	1969																	
	SEP																	
GRP25401	18	0608	0627	0615	S04	W17	.347	10317	17.0	19	--N			.64				4 4 4 7
MANI	18	0608	0626	0612	S05	W16	.343	10317	17.1	18	-N	2		.52	.55			
CAPS	18	0609E	0618D		S02	W17	.330	10317	17.0	90	-B	2	V	.50	.50		220	
ABST	18	0611E	0630	0612	S04	W17	.347	10317	17.0	190	-N		C	.90	1.00			D
MITK	18	0615E	0626D	0621	S05	W17	.356	10317	17.0	110	-F		C	.62	.70			D
GRP25402	18	0749	0814	0802	S04	W18	.361	10317	17.0	25	--N			.70				3 3 2 9
ISTA	18	0740E	0810D		S04	W18	.361	10317	17.0	300	-F							
ABST	18	0757	0814	0802	S06	W19	.392	10317	16.9	17	-N		C	.90	1.00		68	D
CAPS	18	0800E	0808D		S03	W17	.338	10317	17.1	80	-N	2	V	.50	.50		170	C
GRP25404	18	1000	1012	1005	S04	W17	.347	10317	17.1	12	-N			1.13				3 3 3 7
HTPR	18	1000	1010	1005	S05	W20	.397	10317	16.9	10	-F		C	.52	.50			H
UCCL	18	1000	1017D	1004	S05	W13	.305	10317	17.4	170	1N		P	2.06	2.50			EI
CAPS	18	1003E	1010D		S03	W17	.338	10317	17.1	70	-B	3	V	.80	.90		220	
GRP25407	18	1115	1140	1121	S18	W41	.739	10309	15.4	25	-N			1.22				4 4 4 6
CANR	18	1115	1135	1119	S19	W39	.725	10309	15.5	20	-N		C	1.10	1.70			E
CATA	18	1115	1145	1125	S19	W40	.735	10309	15.5	30	-B			1.16	1.70		257	
HTPR	18	1115	1140	1120	S18	W45	.778	10309	15.1	25	-F		C	.93	1.40			
CAPS	18	1119E	1140		S15	W40	.712	10309	15.5	210	1N	2	V	1.70	2.30		190	
GRP25408	18	1230	1247	1235	S17	W56	.869	10309	14.3	17	-B			.74				2 2 2 7
CANR	18	1230	1247	1234	S17	W56	.869	10309	14.3	17	-N		C	.90	1.70			L
CATA	18	1230	1240D	1235	S17	W55	.861	10309	14.4	100	-B			.58	1.16		209	
GRP25412	18	2031	2046	2037	S07	W24	.467	10317	17.1	15	--N			.78				3 3 2 4
SACP	18	2025	2055	2036	S08	W24	.475	10317	17.1	30	-N		C	1.34	1.37			
HUAN	18	2031	2041		S09	W23	.470	10317	17.1	10	-F	1	P	.21	.24			
BOUL	18	2036	2042	2037	S04	W24	.445	10317	17.1	6	-N		V					
GRP25413	18	2313	2325	2316	S07	W26	.493	10317	17.0	12	-N			1.18				4 4 4 6
SACP	18	2312	2327	2318	S08	W25	.487	10317	17.1	15	-N		C	1.55	1.59			
MITK	18	2314	2325	2316	S08	W26	.500	10317	17.0	11	-F		C	.93	1.10			D
VORO	18	2314	2320	2315	S10	W25	.504	10317	17.1	6	-B		C	1.20	1.36		89	D
MANI	18	2319E	2329		S03	W28	.496	10317	16.9	100	-N	1		1.03	1.17			
GRP25415	18	2332	2358	2337	S18	W48	.805	10309	15.4	26	-N			1.09				6 6 5 7
VORO	18	2330	2359	2335	S20	W46	.796	10309	15.5	29	1B		C	1.57	2.70		81	EJ
MITK	18	2330	0005	2338	S18	W48	.805	10309	15.4	35	-F		C	1.13	2.00			E
SACP	18	2331	2354	2336	S18	W48	.805	10309	15.4	23	-N		C	.83	1.09			
MANI	18	2333	2343D	2337	S20	W49	.822	10309	15.3	100	-N	2		1.24	2.06			
CRON	18	2334	2355	2337	S17	W48	.801	10309	15.4	21	-N		C	.70	1.20			
BOUL	18	2335	2352D	2336	S17	W49	.810	10309	15.3	170	-B		S					
GRP25416	19	0146	0201	0153	S19	W50	.827	10309	15.3	15	--F			.71				2 2 2 4
CRON	19	0146	0155	0149	S19	W49	.818	10309	15.4	9	-N		C	.70	1.20			E
MITK	19	0146	0206	0157	S18	W50	.823	10309	15.3	20	-F		C	.72	1.30			E
GRP25434	19	1314	1329	1317	S05	W29	.521	10317	17.4	15	--N			.88				4 4 3 7
HUAN	19	1259	1334		S05	W30	.534	10317	17.3	35	-F	2	P	.37	.45			E
BOUL	19	1302	1321	1308	S03	W35	.593	10317	16.9	19	-F		V					
BOUL	19	1311	1322	1316	S05	W26	.479	10317	17.6	11	-N		V					
CATA	19	1315	1335	1315	S06	W27	.500	10317	17.5	20	-B			.80	.94		251	
CANR	19	1315	1330	1319	S04	W29	.515	10317	17.4	15	-N		C	1.50	1.80			E
HUAN	19	1316E	1327		S05	W28	.507	10317	17.5	110	-N	2	C	.33	.38			E
GRP25435	19	1353	1417	1401	N12	E40	.639	10325	22.6	24	1N			2.59				8 7 4 8
HUAN	19	1346	1419		N13	E42	.665	10325	22.7	33	-B	2	C	.45	.61			E
ONDR	19	1349E	1406		N11	E42	.664	10325	22.7	170	1N		V				2.40	H
HURB	19	1349	1417		N10	E41	.651	10325	22.7	28	1B						2.30	
BOUL	19	1351	1412	1357	N13	E37	.600	10325	22.4	21	1N		V					
CATA	19	1355	1415	1400	N12	E40	.639	10325	22.6	20	-B			1.33	1.53		282	Z
SACP	19	1356	1420	1400	N13	E40	.640	10325	22.6	24	1N		C	2.07	2.31			
UCCL	19	1357	1430	1405	N12	E41	.652	10325	22.7	33	2N		C	5.16	10.30			F
CANR	19	1400E	1420	1403U	N12	E41	.652	10325	22.7	200	1N		C	1.80	2.30			
GRP25440	19	1814	1851	1830	S04	W36	.610	10317	17.1	37	--B			.35				2 2 1 2
HUAN	19	1812	1850	1831	S04	W37	.623	10317	17.0	38	-B	2	C	.35	.44			E
BOUL	19	1815	1823D	1816	S04	W35	.597	10317	17.1	80	-F		V					
BOUL	19	1827	1852	1828	S04	W35	.597	10317	17.1	25	-N		V					
442 BOUL	19	2129E	2136	2129	N13	E35	.572	10325	22.5	70	-N		S					2
GRP25443	20	0158	0219	0204	S04	W42	.687	10317	16.9	21	--F			.87				2 2 2 3
CRON	20	0158	0214	0204	S03	W42	.684	10317	16.9	16	-N		C	.70	1.00			
MANI	20	0158	0224		S04	W42	.687	10317	16.9	26	-F	2		1.03	1.43			

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS	
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MC MATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %		
					LAT.	MER. DIST.													
	1969 SEP																		
GRP25445	20	0844	0853	0848	S20	W69	.956	10309	15.2	9	--F			.34				4 4 3 7	
HTPR	20	0841	0847	0843	S20	W70	.961	10309	15.1	6	-N	C	0843	.41					
ARCE	20	0845E	0855		S21	W71	.966	10309	15.0	10D	-F	C	0845	.29	.80				
MEUD	20	0847	0852	0848	S20	W68	.952	10309	15.3	5	-F	C	0848	.31					
HURB	20	0849E	0856		S18	W65	.933	10309	15.5	7D	-N				1.60			D G	
GRP25446	20	0911	0919	0916	S09	E77	.980	10332	26.2	8	-N			.80				4 4 3 8	
KHAR	20	0905E	0912		S13	E80	.990	10332	26.4	7D	1F	P	0910	1.70		1.80		DH	
HURB	20	0911E	0918		S06	E80	.987	10332	26.4	7D	1N				2.30				
CANR	20	0912	0921	0914	S07	E71	.952	10332	25.7	9	-N	C		.40	1.10				
MEUD	20	0916	0925	0917	S10	E75	.973	10332	26.0	9	-N	C	0921	.31				D	
MEUD	20	0916	0925	0921	S10	E75	.973	10332	26.0	9	-N	C	0921	.31				D	
GRP25447	20	1356	1409	1358	N09	E28	.466	10325	22.7	13	--N			.66				3 3 2 11	
MCMA	20	1356	1405	1358	N10	E29	.482	10325	22.8	9	-N	C	1358	.26	.30			E	
ONDR	20	1358E	1412		N07	E27	.451	10325	22.6	14D	-N	V	1359			2.00		CDH	
LOCA	20	1358E	1410	1358	N10	E27	.452	10325	22.6	12D	-N	V	1358	1.05	1.20				
452 SACP	20	2300E	2339U	2301U	N07	E68	.923	10331	26.1	39D	--N	C		.21	.36			2	
GRP25453	21	0204	0232	0211	S04	W52	.799	10317	17.2	28	-N			1.17				2 2 2 3	
CULG	21	0201	0243	0210	S03	W51	.787	10317	17.3	42	1N	P	0210	1.44	2.24			L	
CROW	21	0207	0220	0211	S04	W52	.799	10317	17.2	13	-N	C		.90	1.50				
GRP25456	21	1131	1212	1140	N13	E85	.994	10333	27.9	41	1N			1.36				5 5 4 6	
HTPR	21	1115	1220	1138	N14	E85	.994	10333	27.8	65	2N	C	1138	2.06					
ABST	21	1128E	1217D	1137	N13	E85	.994	10333	27.9	49D	2F	C	1137	1.35				E	
HURB	21	1132E	1212D		N10	E90	1.000	10333	28.2	40D	2F				2.40				
ZURI	21	1134	1200	1144	N13	E85	.994	10333	27.9	26	-N	C	1144	.93					
CANR	21	1135E	1213D		N14	E81	.984	10333	27.6	38D	1N	1	S	1137	1.10		190		
GRP25457	21	1313	1329	1320	S05	W57	.849	10317	17.3	16	2F			2.58				2 2 1 3	
HTPR	21	1313	1325	1320	S04	W60	.874	10317	17.1	12	2N	C	1320	2.58	5.00				
HURB	21	1323E	1332		S05	W53	.812	10317	17.6	9D	2F				1.70			H	
458 HTPR	21	1616	1649	1626	S04	W62	.890	10317	17.0	33	--F	C	1626	.62	1.20			E 2	
	21	1840	1855		NO FLARE PATROL														
	21	1840	1855		NO FLARE PATROL														
459 SACP	21	2059	2124	2105	S06	W61	.885	10317	17.3	25	-N	C		1.13	1.75			2	
460 SACP	21	2101	2115	2105	N07	E52	.783	10331	25.8	14	--N	C		.41	.52			2	
461 SACP	21	2245	2307	2252	S09	W66	.925	10317	17.0	22	--N	C		.31	.54			2	
GRP25465	22	0721	0733	0725	S05	W69	.939	10317	17.1	12	-N			.39				3 3 2 10	
HTPR	22	0700	0730	0724	S05	W71	.950	10317	17.0	30	-F	C	0724	.52	1.00				
ISTA	22	0720E	0740D	0725	S04	W67	.926	10317	17.3	20D	-N								
MONT	22	0722	0730	0726	S05	W70	.945	10317	17.1	8	-N	C	0726	.26					
GRP25469	22	1037	1050	1039	S06	W73	.961	10317	17.0	13	-F			.71				2 2 2 2	
HTPR	22	1037	1047	1037	S05	W73	.960	10317	17.0	10	-F	C	1037	.52	1.00				
CANR	22	1037	1053	1041	S06	W72	.956	10317	17.0	16	1N	C		.90	2.30				
GRP25470	22	1118	1139	1124	S08	W77	.979	10317	16.7	21	-N			.78				4 4 4 4	
HTPR	22	1115	1137	1121	S08	W75	.971	10317	16.8	22	-N	C	1121	.93				E	
ZURI	22	1117	1140	1124	S09	W78	.983	10317	16.6	23	-F	C	1124	.52					
MONT	22	1120E	1139	1126	S08	W77	.979	10317	16.7	19D	-N	C	1126	.46					
CANR	22	1120	1140	1124	S07	W76	.975	10317	16.8	20	1N	C		1.20	3.20			E	
GRP25471	22	1409	1421	1412	N04	E02	.064	10325	22.7	12	-B			1.63				9 8 8 9	
HTPR	22	1407	1417	1411	N05	E02	.050	10325	22.7	10	-B	C	1411	1.34	1.30			E	
SACP	22	1408	1420	1414	N06	E02	.039	10325	22.7	12	-B	C		1.86	1.84				
LOCA	22	1409	1421	1412	N05	E03	.063	10325	22.8	12	-N	V	1412	1.89	1.90				
MONT	22	1409	1416	1412	S05	E02	.212	10325	22.7	7	-N	C	1412	2.27					
ZURI	22	1409	1418	1412	N05	E02	.050	10325	22.7	9	-B	C	1412	1.44	1.40				
HOUT	22	1410	1416	1411	N07	E03	.052	10325	22.8	6	-B	C		1.10	1.10				
CANR	22	1410	1440D	1415	N05	E01	.040	10325	22.7	30D	1N	C		2.70	2.70			E	
MCMA	22	1414E	1420D		N05	E02	.050	10325	22.7	6D	-B	P	1414	.41	.40			E	
HUAN	22	1424E	1627D		N01	E01	.107	10325	22.7	123D	-F	1	P	1425	.21	.21			D
GRP25472	22	2139	2153	2146	N06	W04	.072	10325	22.6	14	--N			.57				2 2 2 5	
SACP	22	2138	2156	2148	N06	W04	.072	10325	22.6	18	-N	C		.92	.91				
MCMA	22	2140	2150	2143	N06	W04	.072	10325	22.6	10	-N	C	2143	.21	.20			DH	

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMT PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %	
					LAT.	MER. DIST.												
	1969																	
	SEP																	
25496	24	1014	1119	1026	S19	E81	.994	10337	30.5	65	*1N			1.67			7 6 4 10	
HTPR	24	1012	1150	1019	S20	E80	.993	10337	30.4	98	2B	C	1019	2.58				
MEUD	24	1013	1100	1017	S20	E80	.993	10337	30.4	47	1N	C	1017	.83				
HURB	24	1014	1132		S18	E85	.999	10337	30.8	78	1B				3.60			
CAPS	24	1015E	1135D		S16	E78	.986	10337	30.3	80D	1N	3 P	1017	1.20		182		
MONT	24	1015	1027	1016	S19	E83	.997	10337	30.7	12	-N	C	1016	2.06				
ONDR	24	1016E	1108		S21	E80	.993	10337	30.4	52D	2N	V	1020		3.50		CHJT	
NERA	24	1051	1058	1053	S12	E85	.998	10337	30.8	7	1N	2						
GRP25497	24	1047	1053	1048	N09	E65	.901	10335	29.3	6	--F			.69			6 6 4 9	
CANR	24	1046	1053	1049	N08	E67	.916	10335	29.5	7	-N	C		.60	1.30			
MEUD	24	1046	1050	1046	N09	E62	.878	10335	29.1	4	-F	C	1046	.41	.90			
MONT	24	1046	1051	1047	N08	E68	.923	10335	29.5	5	-N	C	1047	1.13				
HTPR	24	1047	1056	1048	N10	E65	.901	10335	29.3	9	-N	C	1048	.62	1.20		C	
ONDR	24	1047E	1055		N08	E59	.852	10335	28.9	8D	-F	V	1048			2.20	CD	
HURB	24	1047E	1055		N11	E66	.908	10335	29.4	8D	1F					1.70		
500 ZURI	24	1321	1343	1332	N12	E40	.639	10333	27.6	22	1N	C	1332	2.27	2.90		12	
500 BOUL	24	1323	1337	1327	N11	E38	.612	10333	27.4	14	-B	V					12	
500 ONDR	24	1324E	1337		N10	E42	.664	10333	27.7	13D	1N	V	1329			2.10	CH	
500 MEUD	24	1325	1328D	1327	N11	E40	.639	10333	27.6	3D	-F	C	1327	.41	.50		12	
500 HTPR	24	1325	1344	1328	N11	E44	.690	10333	27.9	19	-N	C	1328	.93	1.20		E	
500 HUAN	24	1325	1338	1328	N12	E39	.626	10333	27.5	13	-N	1 C	1328	.31	.39		D	
500 CANR	24	1326	1340	1330	N11	E38	.612	10333	27.4	14	1N	C		1.90	2.40		E	
500 SACP	24	1326E	1344	1331	N12	E38	.613	10333	27.4	18D	-B	C		1.35	1.48		12	
500 BOUL	24	1330	1412D	1336	N11	E34	.556	10333	27.1	42D	-N	V					12	
500 HURB	24	1332E	1348		N12	E42	.665	10333	27.7	16D	1N					1.90	H	
GRP25502	24	1355	1409	1358	N12	E39	.626	10333	27.5	14	--N			.55			4 4 3 10	
SACP	24	1353	1411	1358	N12	E38	.613	10333	27.4	18	-N	C		.62	.67			
BOUL	24	1356	1406	1358	N11	E38	.612	10333	27.4	10	-F	V						
HUAN	24	1356	1408		N12	E39	.626	10333	27.5	12	-N	2 C	1357	.15	.19		D	
HERS	24	1357E	1409	1358	N11	E41	.652	10333	27.7	12D	-N	P	1358	.89	1.20		D	
GRP25505	24	1532	1555	1539	N05	W24	.406	10325	22.8	23	-N			1.00			7 7 5 9	
SACP	24	1525	1610	1535	N06	W23	.389	10325	22.9	45	-N	C		1.54	1.54			
MEUD	24	1530	1548	1537	N04	W25	.424	10325	22.8	18	-F	C	1537	.41	.40			
ZURI	24	1530	1556	1540	N05	W25	.422	10325	22.8	26	-B	C	1540	1.13	1.20			
CANR	24	1534	1545D	1542U	N05	W24	.406	10325	22.8	11D	-N	C		1.50	1.70			
HURB	24	1535	1550		N04	W21	.360	10325	23.1	15	1N					2.00		
HTPR	24	1536	1550	1540	N04	W23	.392	10325	22.9	14	-F	C	1540	.41	.40			
ONDR	24	1540E	1557		N06	W26	.436	10325	22.7	17D	-N	V	1541			2.00	CE	
4 STATIONS REPORTING GROUP 25506. 1 STATIONS OBSERVING AND NOT REPORTING.																		
GRP25506	24	1634	1701	1637	S16	E71	.961	10337	30.0	27	-N			.21			2 2 1 4	
SACP	24	1633	1645	1637	S17	E70	.957	10337	29.9	12	-N	C		.21	.42			
BOUL	24	1635	1716	1637	S15	E72	.964	10337	30.1	41	-N	V						
25506	24	1642	1724	1700	S18	E72	.967	10337	30.1	42	*-N			.47			3 2 2 5	
HTPR	24	1637	1704D		S18	E73	.971	10337	30.2	27D	-N	C	1650	.52				
SACP	24	1646	1720	1700	S17	E70	.957	10337	29.9	34	-N	C		.41	.86			
HUAN	24	1708	1724		S20	E80	.993	10337	30.7	16	-N	2 C	1709	.21			E	
GRP25507	24	1656	1709	1700	S11	E23	.487	10332	26.4	13	-N			.96			3 3 2 4	
SACP	24	1653	1711	1700	S11	E22	.475	10332	26.4	18	-N	C		.92	.94			
CANR	24	1657	1710	1700	S12	E21	.473	10332	26.3	13	-N	C		1.00	1.20		E	
BOUL	24	1658	1707	1659	S09	E25	.494	10332	26.6	9	-N	V						
GRP25508	24	1708	1805	1732	S16	E43	.748	10334	27.9	57	--F			.21			2 1 1 5	
HUAN	24	1708	1805D		S16	E43	.748	10334	27.9	57D	-F	2 C	1720	.21	.30		E	
SACP	24	1726	1741	1732	S14	E43	.738	10334	28.0	15	-F	C		.52	.62			
GRP25509	24	1742	1810	1747	N02	E33	.548	10333	27.2	28	-N			1.39			6 6 5 6	
HUAN	24	1740	1814D	1749	N01	E35	.579	10333	27.4	34D	-B	2 C	1749	.45	.55		D	
SACP	24	1740	1823	1746	N03	E35	.561	10333	27.3	43	1N	C		2.66	2.82			
HOUT	24	1743	1800	1746U	N02	E33	.548	10333	27.2	17	-F	C		.80	1.00			
BOUL	24	1743E	1816	1749	N04	E33	.544	10333	27.2	33D	1N	S						
CANR	24	1745	1800	1746	N02	E31	.519	10333	27.1	15	1N	C		2.00	2.40		E	
MCHA	24	1748E	1805D		N01	E34	.565	10333	27.3	17D	-N	C	1751	1.03	1.20		EH	
510 SACP	24	1934	2002	1949	N04	W29	.485	10325	22.6	28	-N	C		.93	.95		1	
GRP25511	24	2016	2054	2021	N12	E34	.557	10333	27.4	38	-N			1.46			3 3 2 4	
SACP	24	2015	2055	2020	N13	E35	.573	10333	27.5	40	-N	C		1.12	1.21			
HOUT	24	2017	2043	2021	N11	E35	.570	10333	27.5	26	1N	C		1.80	2.20		EL	
BOUL	24	2020E	2222D	2222	N12	E33	.543	10333	27.3	122D	-N	S						
BOUL	24	2040E	2105D		N10	E33	.541	10333	27.3	25D	1F	S						
GRP25514	24	2302	2323	2306	S10	E19	.430	10332	26.4	21	--N			.41			2 2 1 4	
SACP	24	2300	2325	2304	S11	E18	.429	10332	26.3	25	-N	C		.41	.42			
BOUL	24	2304	2321	2307	S09	E20	.431	10332	26.5	17	-N	V						

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IMPOR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MCMT PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH H α	MAX. INT. %	
					LAT.	MER. DIST.												
	1969																	
	SEP																	
GRP25518	25	0626	0642	0633	S10	E16	.395	10332	26.5	16	-N							
KIEV	25	0620	0645	0634	S11	E16	.407	10332	26.5	25	1N	C	0634	1.10			6 6 3 11	
HURB	25	0623E	0646		S10	E17	.406	10332	26.5	23D	1N			2.00	2.00		D	
HTRP	25	0630	0637	0634	S10	E17	.406	10332	26.5	7	-F	C	0634	.41	.40			
ONDR	25	0630E	0641	0632	S09	E15	.373	10332	26.4	11D	-N	V	0632			1.90	CD	
CRIM	25	0631E	0640E	0633	S10	E17	.406	10332	26.5	9D	-N	C	0633	.90	1.00		D	
ISTA	25	0635E	0645		S09	E16	.384	10332	26.5	10D	-N							
12 STATIONS REPORTING GROUP 25519. 5 STATIONS OBSERVING AND NOT REPORTING.																		
GRP25519	25	0700	0853	0724	N14	W14	.266	10326	24.2	113	2N			7.78				
KIEV	25	0650	0856	0719	N14	W13	.252	10326	24.3	126	2N	C	0719	7.00	8.00		65	
CAPE	25	0700	0850	0720	N15	W12	.246	10326	24.4	110	1N	C	0720	2.62	2.70		EI	
CRON	25	0709	0815	0730	N13	W16	.290	10326	24.1	66	2N	C		8.10	8.50		F	
ZURI	25	0727E	1023D	0727	N12	W15	.269	10326	24.2	176D	3F	C	0727	13.41	14.60		E	
25519	25	0700	0900	0736	N13	W14	.260	10326	24.2	120	*3F			13.63				
CULG	25	0642	0738D	0707	N13	W14	.260	10326	24.2	56D	2N	P	0707	5.47	5.57		5	
TACH	25	0658	0752D	0742	N13	W14	.260	10326	24.2	54D	3F	P	0742	20.70	21.50	1.70	66	
CAPS	25	0700E	1032D		N12	W15	.269	10326	24.2	212D	3F	1	P	0803	15.00	16.00	170	I
CANR	25	0800E	0900	0800E	N13	W15	.275	10326	24.2	60D	3N	C		13.50	14.30		W	
MEUD	25	0800E	1000D		N13	W13	.244	10326	24.4	120D	3F	C	0800	12.38	12.50		W	
25519	25	0705	1215	0819	N12	W16	.285	10326	24.1	310	*2N			12.35				
HTRP	25	0630	1215		N13	W15	.275	10326	24.1	345	3N	C	0815	13.41	13.90		3	
HURB	25	0705	0857D		N13	W16	.290	10326	24.1	112D	2N					1.90	E	
ARCE	25	0815E	1002D	0819	N11	W18	.313	10326	24.0	107D	2B	C	0819	11.28	11.80		G	
GRP25520	25	0752	0810	0757	N11	E30	.498	10333	27.6	18	1N			1.96				
HTRP	25	0751	0815	0755	N12	E30	.500	10333	27.6	24	1N	C	0755	2.58	2.90		7	
NERA	25	0752	0804	0757	N08	E26	.435	10333	27.3	12	1N	2					7	
CRIM	25	0752	0808E	0753	N13	E30	.502	10333	27.6	16D	1N	C	0753	1.80	2.10		5	
HURB	25	0753E	0807		N11	E32	.528	10333	27.7	14D	1N					2.00	E	
CRON	25	0757E	0810	0758U	N12	E29	.485	10333	27.5	13D	1N	C		2.10	2.40		E	
CANR	25	0800E	0815	0800E	N13	E31	.516	10333	27.7	15D	1N	C		2.10	2.40		E	
MEUD	25	0800E	0812		N11	E30	.498	10333	27.6	12D	-F	C	0800	1.24	1.40		F	
GRP25524	25	0955	1040	1006	N07	E06	.104	10331	25.9	45	-F			1.60				
CANR	25	0955	1030	0959	N07	E08	.138	10331	26.0	35	-F	C		1.50	1.50		5	
HTRP	25	0955	1145		N05	E06	.109	10331	25.9	110	1N	C	1112	2.27	2.20		4	
CAPS	25	1000E	1050D		N05	E05	.093	10331	25.8	50D	-B	3	V	1003	2.00	2.00		11
ZURI	25	1005E	1023D	1013	N08	E07	.122	10331	25.9	18D	1F	C	1013	2.27	2.20		265	
MEUD	25	1006E	1008D		N06	E05	.088	10331	25.8	20	-F	C	1008	.62	.60		E	
GRP25525	25	1206	1229	1216	S19	E64	.928	10337	30.3	23	-F			1.17				
HTRP	25	1203	1227	1217	S19	E65	.934	10337	30.4	24	-F	C	1217	1.13			2	
CANR	25	1209	1230	1215	S19	E62	.916	10337	30.2	21	1F	C		1.20	2.60		2	
11. STATIONS REPORTING GROUP 25527. 0 STATIONS OBSERVING AND NOT REPORTING.																		
GRP25527	25	1417	1455	1425	N06	W40	.639	10325	22.6	38	1N			1.52				
NERA	25	1412	1440	1424	N09	W40	.638	10325	22.6	28	2B	3					7	
SACP	25	1414	1507	1426	N05	W40	.640	10325	22.6	53	1N	C		1.95	2.16		6	
BOUL	25	1415E	1509	1424	N05	W39	.627	10325	22.7	54D	-N	V					3	
MEUD	25	1417E	1418D		N05	W40	.640	10325	22.6	1D	-F	C	1418	.31	.40		E	
CANR	25	1418	1458D	1426	N06	W39	.626	10325	22.7	40D	1B	C		1.80	2.30		H	
ONDR	25	1419E	1455		N04	W42	.668	10325	22.4	36D	-N	V	1425			2.70	CHJ	
HOUT	25	1422	1440	1426	N05	W39	.627	10325	22.7	18	-N	C		.80	1.00			
25527	25	1418	1533	1434	N05	W39	.627	10325	22.7	75	*1B			1.81				
HTRP	25	1414	1538	1432	N05	W38	.613	10325	22.7	84	1B	C	1432	1.65	2.10		5	
ZURI	25	1415	1457D	1435	N04	W41	.655	10325	22.5	42D	1B	C	1435	2.68	3.50		5	
MONT	25	1425	1528	1436	N05	W39	.627	10325	22.7	63	-N	C	1436	2.27			4	
HURB	25	1426E	1458D		N05	W38	.613	10325	22.8	32D	1B					2.50		
MEUD	25	1435E	1443D		N05	W40	.640	10325	22.6	8D	-N	C	1436	.62	.80		E	
GRP25529	25	1656	1721	1704	N04	W39	.628	10325	22.8	25	--N			.31				
BOUL	25	1656	1720	1708	N04	W38	.615	10325	22.9	24	-N	V					2	
SACP	25	1656	1722	1700	N03	W40	.643	10325	22.7	26	-N	C		.31	.34		1	
GRP25532	25	1822	1842	1825	N04	E21	.360	10333	27.3	20	--N			.83				
SACP	25	1821	1839	1824	N04	E20	.344	10333	27.3	18	-N	C		.83	.82		2	
BOUL	25	1822	1829	1825	N03	E22	.379	10333	27.4	7	-N	V					2	
BOUL	25	1830	1844D	1832	N03	E22	.379	10333	27.4	14D	-F	V					1	
GRP25533	25	1844	1911	1848	S18	E57	.879	10337	30.1	27	1N			1.73				
HOUT	25	1844	1905	1847	S19	E56	.874	10337	30.0	21	1N	C		1.40	2.70		3	
SACP	25	1844	1916	1848	S16	E56	.866	10337	30.0	32	1N	C		2.06	3.08		3	
BOUL	25	1845	1911	1849	S18	E61	.907	10337	30.4	26	-B	V					2	
BOUL	25	1845	1857	1847	S18	E57	.879	10337	30.1	12	-N	C		.70	1.40		4	

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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	MCMAH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %	
1969 SEP																		
GRP25606	30	0619	0743	0629	S13	E43	.732	10344	3.5	84	1N							4 3 2 11
CULG	30	0619	0641D	0628	S13	E41	.710	10344	3.3	22D	1N	P	0628	1.73	1.65	2.32		
ISTA	30	0620E	0725		S13	E44	.743	10344	3.6	65D	-N							
GRIM	30	0627E	0800E	0630	S14	E43	.737	10344	3.5	93D	1F	C	0630	1.80	2.70			E
CAPS	30	0627E	0648D		S13	E41	.710	10344	3.3	21D	-N	1 P	0646	1.00	1.50		170	
GRP25610	30	1108	1145	1117	S15	E41	.721	10344	3.5	37	-N			.77				3 2 2 10
CATA	30	1055	1140	1105	S13	E40	.699	10344	3.5	45	-8		1105	.29	.41		219	
ZURI	30	1108E	1140	1117	S14	E40	.705	10344	3.5	32D	-N	C	1117	1.03	1.50			
CAPS	30	1110E	1149D		S15	E41	.721	10344	3.5	39D	-N	1 S	1116	.50	.80		182	
GRP25611	30	1604	1712	1620	S17	W36	.679	10334	28.0	68	1N			1.85				5 5 4 5
SACP	30	1556	1727	1622	S16	W37	.684	10334	27.9	91	1N	C		3.17	3.65			
SACP	30	1556	1727	1613	S16	W37	.684	10334	27.9	91	1N							
MCMA	30	1605	1730		S17	W37	.690	10334	27.9	85	-N	C	1625	1.03	1.40			EH
HUAN	30	1605	1700		S17	W36	.679	10334	28.0	55	-N	2 C	1620	.80	1.10			E
BOUL	30	1605	1710D	1620	S17	W34	.658	10334	28.1	65D	1N	V						
HOUT	30	1610	1655	1617	S16	W37	.684	10334	27.9	45	1B	C		2.40	3.40			EL
BOUL	30	1635E	1710	1635U	S17	W36	.679	10334	28.0	35D	1B	C		2.70	3.80			E
GRP25612	30	1607	1649	1619	N09	W48	.738	10333	27.1	42	--F			1.20				3 2 1 5
MCMA	30	1558	1617D	1601	N08	W50	.761	10333	26.9	19D	-F	C	1601	.26	.40			D
BOUL	30	1559	1648	1618	N08	W47	.727	10333	27.1	49	-F	V						
HOUT	30	1614	1650	1620	N09	W48	.738	10333	27.1	36	-F	C		1.20	1.70			K
HOUT	30	1614	1650	1627	N09	W48	.738	10333	27.1	36	-F							
615 MCMA	30	2057	2106	2100	S29	W06	.591	10337	30.4	9	--F	C	2100	.52	.60			3

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 ESSA grouping program but is not included in the I.A.U. Quarterly Bulletin on Solar Activity nor are these subflares included in the Flare Index below.

DAILY FLARE INDICES

Date	Flare Index	HR OBS	Date	Flare Index	HR OBS	Date	Flare Index	HR OBS
690901	5.59	24.0	690911	37.18	24.0	690921	58.86	23.5
690902	56.74	24.0	690912	23.72	24.0	690922	20.70	24.0
690903	33.94	24.0	690913	109.89	24.0	690923	30.70	23.2
690904	104.39	24.0	690914	7.80	22.2	690924	80.06	24.0
690905	40.06	24.0	690915	91.04	24.0	690925	394.84	24.0
690906	24.70	24.0	690916	181.33	24.0	690926	30.09	24.0
690907	96.24	23.8	690917	94.89	24.0	690927	617.75	24.0
690908	6.86	23.8	690918	71.18	24.0	690928	6.46	24.0
690909	18.59	23.8	690919	38.78	24.0	690929	8.11	22.3
690910	33.71	24.0	690920	3.38	24.0	690930	36.99	23.2

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS.		MEASUREMENTS					REMARKS		
	DATE	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 Ha	MAX. INT. %			
					LAT.	MER. DIST.															
076 VORO	1969 SEP 01	0110	0118	0113	N14	E60	.859	10296	5.5	8	-N	C	0113	.84	1.57		60	D	3		
077 MANI	01	0137E	0143		N11	E06	.123	10289	1.5	60	-F	1	0137	.31	.31				3		
078 ABST	01	0519	0528	0520	N08	W01	.022	10289	1.1	9	-N	C	0520	1.34	1.50		61	E	5		
080 MONT	01	0955	1004	0959	S09	W31	.572	10288	30.1	9	-F	C	0959	2.06					10		
082 CANR	01	1639	1647	1642	N14	W85	.993	10285	26.3	8	-N	C		.30	1.00				5		
083 HOUT	01	1713	1737	1719	N19	E14	.309	10295	2.8	24	-N	C		1.40	1.50				4		
086 VORO	02	0007	0018	0009	N12	W56	.823	10283	28.8	11	1N	C	0009	1.57	2.60		71	EJ	3		
087 MANI	02	0119E	0135	0124	N03	W16	.284	10289	31.9	160	-F	1	0124	.26	.27				4		
088 MANI	02	0253	0254D		S09	W40	.682	10288	30.1	10	-F	1	0254	.26	.35				4		
091 CAPS	02	0551E	0608D		N09	W21	.356	10289	31.7	170	-F	3	V	0551	.80	.90		150		3	
092 HURB	02	0830	0859D		N23	E85	.992	10298	8.7	29D	1F					1.80		H	11		
093 CANR	02	1010	1017	1013	N13	W72	.945	10283	28.0	7	-N	C		.70	1.70				7		
094 HUAN	02	1210E	1224D		N13	W70	.933	10283	28.3	14D	-F	2	C	1216	.21				D	8	
097 BOUL	02	2004	2016D	2007	N12	W76	.965	10283	28.1	12D	-N	V							4		
098 BOUL	02	2040	2048	2042	N12	W72	.945	10283	28.5	8	-N	V							3		
100 MCMA	02	2214	2223	2217	S10	W45	.743	10288	30.6	9	-F	C	2217	.26	.40			E	5		
101 BOUL	03	0028	0043D	0031	N07	W44	.690	10289	30.7	15D	-N	V							4		
102 MANI	03	0138	0205D	0141	N04	W34	.559	10289	31.5	27D	-F	1	0141	.31	.38				3		
GRP25106 CRIM ABST	03	0556	0626	0557	S11	W50	.799	10288	30.5	30	1F			1.71				2	2	2	10
	03	0556E	0641		S11	W50	.799	10288	30.5	45D	1F	P	0556	1.98	3.40			E			
	03	0556	0610	0557	S10	W50	.795	10288	30.5	14	1F	C	0557	1.43	2.40			D			
107 ABST	03	0556	0622D	0601	N06	W36	.585	10289	31.5	26D	-F	P	0601	.54	.70			E	9		
108 ISTA	03	0700	0740		N12	W78	.974	10283	28.4	40	-F								9		
109 CATA	03	0715	0730	0725	N05	W31	.514	10289	1.0	15	-N		0725	.23	.27		182		9		
110 MANI	03	0859E	0903D		S12	W49	.792	10288	30.7	4D	-F	1	0902	.52	.82				6		
113 CATA	03	1250E	1325D	1300	N16	E60	.859	10298	8.0	35D	-N		1300	.58	1.16		153		7		
114 BOUL	03	1313	1325D		S30	W90	1.002	10287	27.8	12D	-N	S							8		
115 BOUL	03	1335E	1346D	1343	S30	W90	1.002	10287	27.8	11D	-F	S							7		
GRP25116 BOUL HTPR	03	1407	1428	1413	S32	W90	1.002	10287	27.8	21	-F							2	2	0	8
	03	1407E	1425	1413	S30	W90	1.002	10287	27.8	18D	-F	V									
	03	1412E	1430		S34	W90	1.002	10287	27.8	18D	-F	C									
GRP25117 MCMA HUAN	03	1605	1622	1607	S12	W54	.839	10288	30.6	17	-F			.27				2	2	2	7
	03	1605	1623D	1607	S11	W54	.836	10288	30.6	18D	-F	C	1607	.41	.80			E			
	03	1605	1620		S12	W53	.830	10288	30.7	15	-F	2	C	1613	.12	.14			D		
121 HUAN	03	1831E	1850D		S11	W54	.836	10288	30.7	19D	-F	2	C	1832	.24	.45			E	4	
126 HALE	04	0018	0057	0027	N06	W46	.716	10289	31.6	39	-N	2	C	0027	.93	1.30			F	4	
127 HALE	04	0055	0123	0101	S11	W60	.886	10288	30.5	28	-F	2	C	0101	.88	1.90				4	
131 TACH	04	0350	0400	0352	S11	W64	.915	10288	30.4	10	-B	C	0352	.45	1.10		68	D	4		
132 HALE	04	0412	0423D	0416	N07	W51	.773	10289	31.4	11D	-F	1	P	0416	.26	.40				4	
135 MANI	04	0512	0534	0515	S11	W63	.908	10288	30.5	22	-F	2		0515	.46	.90				3	
GRP25136 CULG MANI	04	0528	0550	0540	N06	W51	.773	10289	31.4	22	-F			1.45				2	2	2	6
	04	0528E	0553	0540	N06	W51	.773	10289	31.4	25D	1N	P	0540	2.27	3.52			L			
	04	0541E	0546		N06	W51	.773	10289	31.4	5D	-F	2		0541	.62	.97					

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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 Ha	MAX. INT. %	
					LAT.	MER. DIST.												
	1969																	
	SEP																	
GRP25141	04	1350	1403	1352	N18	E17	.338	10296	5.9	13	-N						2 2 2 7	
SACP	04	1349	1401	1353	N18	E16	.325	10296	5.8	12	-N	C		.63	.62			
CATA	04	1350	1405D	1350	N17	E17	.330	10296	5.9	15D	-N		1350	.63	.67		190	
142 SACP	04	1441	1450	1444	S19	W58	.890	10288	31.3	9	-F	C		.41	.66		6	
145 BOUL	04	1753	1804	1755	S12	W81	.992	10288	29.7	11	-N	V					5	
146 HALE	04	1828	1841	1834	S11	W71	.956	10288	30.4	13	-F	2 P	1834	.26			6	
147 BOUL	04	1906	1920D	1914	N06	W57	.835	10289	31.5	14D	-N	C		1.00	1.70		2	
148 BOUL	04	2219	2235D	2220	N03	W61	.873	10289	31.4	16D	-N	S					4	
GRP25151	05	0558	0620	0601	S14	W81	.993	10288	30.2	22	-F			.77			2 2 2 7	
CRIM	05	0557E	0630		S14	W81	.993	10288	30.2	33D	-F	P	0558	.63			D	
ABST	05	0559	0610	0601	S14	W81	.993	10288	30.2	11	-F	C	0601	.90			D	
152 CATA	05	0745E	0815D	0800	N10	W40	.638	10293	2.3	30D	-N		0800	.29	.38		151	
156 BOUL	05	2005	2010	2006	N08	W71	.941	10289	31.5	5	-F	V					4	
157 HUAN	05	2027E	2059D		N11	W48	.737	10293	2.3	32D	-F	2 C	2034	.21	.30		E	
158 HUAN	05	2106	2225	2118	N11	W48	.737	10293	2.3	79	-N	2 C	2118	.12	.18		E	
161 BOUL	06	0013	0020	0015	N22	E20	.411	10298	7.5	7	-N	V					5	
162 GRON	06	0055	0110	0100	N05	W75	.964	10289	31.4	15	-N	C		.60	1.60		5	
164 GRON	06	0428	0443	0430	S13	W80	.990	10288	31.2	15	-N	C		.50	1.50		2	
165 ABST	06	0501	0525	0514	S12	W75	.974	10291	31.6	24	-F	C	0514	.45			48	
166 CATA	06	0705	0730	0710	N23	E24	.469	10298	8.1	25	-B		0710	.52	.58		229	
167 HTPR	06	0730	0800		N05	W90	1.000	10289	30.6	30	-F	C						
GRP25168	06	0847	0930	0915	N23	E25	.481	10298	8.2	43	-F			.62			2 1 1 10	
MEUD	06	0847	0930	0915	N23	E25	.481	10298	8.2	43	-F	C	0915	.62	.70			
CATA	06	0850	1030	0855	N23	E23	.456	10298	8.1	100	-B		0855	.40	.46		288	
169 MEUD	06	0852	0917	0857	N04	W80	.984	10289	31.4	25	-F	C	0857	.41				
GRP25170	06	0949	1028	0959	N22	E24	.461	10298	8.2	39	-F			.57			2 2 2 10	
HTPR	06	0945	1020	0955	N22	E23	.448	10298	8.1	35	-F	C	0955	.41	.50			
MEUD	06	0952	1035	1002	N21	E24	.454	10298	8.2	43	-F	C	1002	.72	.80		E	
172 MEUD	06	1031	1045	1036	N10	W58	.842	10293	2.1	14	-F	C	1036	.31	.40		10	
174 MONT	06	1105	1142D	1111	N22	E23	.448	10298	8.2	37D	-N	C	1111	1.13			H	
175 MONT	06	1133	1142D	1136	N05	W82	.989	10289	31.3	9D	-N	C	1136	.10			8	
176 ONDR	06	1140E	1203		N10	W54	.803	10293	2.4	23D	1N	V	1152				2.70	
GRP25177	06	1252	1303	(1254)	N09	W56	.823	10293	2.3	11	-F						2 2 0 7	
HURB	06	1252E	1305D		N07	W56	.824	10293	2.3	13D	1F						1.80	
ONDR	06	1253E	1300		N10	W55	.813	10293	2.4	7D	-N	V	1254				1.90	
178 BOUL	06	1312E	1320D	1315	N23	E22	.444	10298	8.2	8D	-F	V						
179 BOUL	06	1331	1344	1333	N12	W55	.813	10293	2.4	13	-N	V					6	
180 BOUL	06	1331	1347	1339	S11	W90	1.000	10288	30.8	16	-N	V					6	
181 ONDR	06	1337E	1429D		N20	E22	.420	10298	8.2	52D	1F	V	1413				2.20	
182 HTPR	06	1450	1455D		N05	W88	.999	10289	31.0	5D	-N	C						
183 HURB	06	1516E	1533D		N07	W58	.843	10293	2.3	17D	1N						2.10	
GRP25184	06	1539	1547	1540	N22	E23	.448	10298	8.4	8	-F			.52			2 2 2 10	
HUAN	06	1538	1544		N23	E22	.444	10298	8.3	6	-F	1 C	1540	.21	.23		E	
MEUD	06	1539	1549	1540	N21	E23	.441	10298	8.4	10	-F	C	1540	.83	.90			
188 BOUL	06	1933	1940D	1934	N12	W58	.841	10293	2.5	7D	-N	V					5	
190 CULG	06	2324	2347	2331	S13	W88	1.000	10288	31.4	23	1N	C	2331	.52			T	

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS	
	DATE 1969 SEP	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.	MAX. WIDTH H α	MAX. INT. %		
191 VORO	07	0100	0130	0101	N09	W65	.901	10293	2.2	30	1B	C	0101	1.11	2.12		80	EJ	3
195 MITK	07	0418	0430D	0424	S14	W90	1.000	10288	31.4	12D	1F	C	0424	.62					3
200 ARCE	07	0813	0838	0823	S11	W90	1.000	10301	31.6	25	1N	C	0823	.54	3.00				6
GRP25201	07	0828	0847	0832	N05	W90	1.000	10289	31.6	19	-N			.25					2 2 1 6
HTPR	07	0827	0845		N05	W90	1.000	10289	31.6	18	-N	C							
ARCE	07	0829	0849	0832	N05	W90	1.000	10289	31.6	20	-N	C	0832	.25	1.40				
204 MEUD	07	1159	1208	1203	S33	E28	.746	10304	9.6	9	-F	C	1203	.62	.80				6
206 HUAN	07	1329E	1540D		S31	E23	.696	10304	9.3	131D	-F	2 P	1434	.21	.29			E	4
207 HUAN	07	1412E	1418		N23	E08	.301	10298	8.2	6D	-F	1 C	1415	.12	.13			D	6
208 HUAN	07	1433	1640D		N23	E06	.289	10298	8.1	127D	-N	2 P	1531	.25	.35			E	3
210 HALE	07	1749	1815	1752	S12	W58	.873	10292	3.4	26	-N	1 C	1752	.31	.60				5
214 CAPS	08	0635	0637D		S30	E16	.647	10304	9.5	2D	-N	2 S	0637	.40	.50		170	D	7
216 ZURI	08	1115	1119D	1116	S33	E12	.667	10304	9.4	4D	-F	C	1116	1.03	1.40				10
218 BOUL	08	2137	2150	2139	S18	E87	1.000	10309	15.4	13	-F	V							4
219 HALE	09	0003	0006D	0004	S18	E88	1.000	10309	15.6	3D	-N	2 P	0004	.31					2
221 ISTA	09	0605E	0740		N20	W16	.343	10298	8.1	95D	-N								12
222 HUAN	09	1648	1905		S34	W05	.663	10304	9.3	137	-B	2 C	1823	.31	.39			E	4
224 BOUL	09	1744E	1747D	1744	S13	E15	.425	10300	10.9	3D	-F	S							5
227 MANI	10	0244	0251D	0248	S17	E08	.431	10300	10.7	7D	-F	1	0248	.52	.57				4
230 GRON	10	0803	0809	0804	S32	W13	.658	10304	9.4	6	-N	C		1.00	1.40				10
231 CAPS	10	0942E	0955D		S22	E85	.999	10309	16.8	13D	1N	3 V						C	5
GRP25233	10	1055	1107	1057	S34	W12	.679	10304	9.6	12	-F			.52					2 2 1 8
MEUD	10	1055	1059	1057	S34	W11	.676	10304	9.6	4	-F	C	1059	.52	.60				
KHAR	10	1058E	1115D		S33	W13	.671	10304	9.5	17D	1F	V	1058			1.80		D	
GRP25235	10	1239	1348	1347	N19	W66	.906	10296	5.6	69	-F			2.36					2 2 2 9
KIEV	10	1239	1320	1347	N19	W68	.920	10296	5.4	41	1N	C	1347	4.00			60	DI	
HTPR	10	1317E	1415D		N18	W63	.884	10296	5.8	58D	-F	C	1340	.72					
241 MCMA	10	1710	1730	1717	S23	E63	.931	10309	15.4	20	-F	C	1717	.21	.50			D	6
245 MCMA	10	2119	2125	2121	S23	E60	.913	10309	15.4	6	-N	C	2121	.26	.50			D	4
246 CULG	11	0057E	0159D	0107	N08	E73	.952	10314	16.5	62D	1F	P	0107	.67					4
248 ONDR	11	0625	0639		S13	E59	.883	10309	15.7	14	1F	V	0631			2.60		CJ	11
251 ABST	11	0842	0857	0845	N21	W44	.703	10298	8.1	15	-F	C	0845	.54	.70		50	D	12
252 ZURI	11	0927	0949	0937	N22	W43	.694	10298	8.2	22	-N	C	0937	.72	1.00				8
GRP25253	11	1150	1201	1151	S21	E50	.835	10309	15.2	11	-F			.27					2 2 2 10
CATA	11	1150	1205	1150	S20	E50	.831	10309	15.2	15	-N		1150	.23	.43		186	T	
HTPR	11	1150	1156	1152	S21	E50	.835	10309	15.2	6	-F	C	1152	.31	.60				
258 HUAN	11	1452	1456	1453	S32	W27	.731	10304	9.6	4	-F	1 C	1453	.17	.24			E	8
GRP25265	12	0617	0629	0620	S19	E43	.764	10309	15.5	12	-F			1.07					2 2 1 5
ONDR	12	0617E	0627		S20	E43	.769	10309	15.5	10D	-F	V	0618			1.80		CJL	
ABST	12	0618E	0630	0620	S18	E43	.759	10309	15.5	12D	-F	P	0620	1.07	1.60		59	E	
4 STATIONS REPORTING GROUP 25267. 4 STATIONS OBSERVING AND NOT REPORTING.																			
GRP25267	12	0712	0735	0715	N24	W57	.839	10298	8.0	23	-F			.90					2 2 1 8
ABST	12	0712	0735	0715	N24	W56	.830	10298	8.1	23	-F	C	0715	.90	1.70		40	D	
ISTA	12	0720E	0730D		N23	W58	.846	10298	8.0	10D	-F								
25267	12	0713	0728	0716	N21	W42	.680	10298	9.2	15	*-F			.41					2 2 2 9
HTPR	12	0713	0730	0716	N21	W42	.680	10298	9.2	17	-F	C	0716	.41	.70				
MEUD	12	0713	0725	0716	N21	W42	.680	10298	9.2	12	-F	C	0716	.41	.70				

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	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 Ha		MAX. INT. %
					LAT.	MER. DIST.												
GRP25269	12	0835	0935	0921	S07	E44	.721	10313	15.7	60	-F							2 1 1 12
ZURI	12	0835	0935	0921	S07	E44	.721	10313	15.7	60	-F		0921	.83	1.20			
ABST	12	0838	0854	0842	S08	E45	.736	10313	15.7	16	-F	C	0842	.90	1.40		47	EK
270 MEUD	12	0836	0940	0913	S19	E38	.716	10309	15.2	64	-N	C	0913	.52	.80			E 13
271 MEUD	12	1006	1018	1008	S33	W40	.823	10304	9.4	12	-F	C	1008	.21	.30			10
284 MCMA	12	2144	2152	2146	S33	W48	.873	10304	9.3	8	-F	C	2146	.31	.60			E 5
285 HUAN	12	2220	2235D	2225	S32	W46	.856	10304	9.5	15D	-N	1 C	2225	.75	1.40			E 4
286 VORO	13	0037	0200D	0038	N18	E45	.708	10314	16.4	83D	-B	C	0038	.93	1.20		77	DJ 3
289 ISTA	13	0620E	0655		S20	E29	.635	10309	15.4	35D	-F							7
292 ZURI	13	1031	1035	1031	N16	E36	.592	10314	16.1	4	-N	C	1031	.72	.90			4
293 KHAR	13	1105E	1140D		N12	E40	.639	10314	16.5	35D	1N	V	1106			2.00		D 5
GRP25296	13	1335	1404	1356	N15	E35	.576	10314	16.2	29	-F			.57				2 2 2 7
ZURI	13	1335	1405	1351	N16	E37	.605	10314	16.3	30	-F	C	1351	.83	1.00			
MEUD	13	1400	1402	1401	N13	E33	.544	10314	16.1	2	-F	C	1401	.31	.40			D
303 ABST	14	0609	0620	0615	S11	E12	.371	10313	15.2	11	-F	C	0615	.90	1.00		51	D 7
305 CANR	14	1120	1125	1121	S19	E80	.993	10320	20.5	5	-N	C		.40	1.30			HI 7
GRP25307	14	1415	1420	1415	S33	W66	.963	10304	9.6	5	-F			.26				2 2 1 7
MCMA	14	1415	1419D	1415	S33	W63	.951	10304	9.9	4D	-F	C	1415	.26	.90			D
HURB	14	1416E	1420D		S32	W69	.972	10304	9.4	4D	-F					1.60		G
308 BOUL	14	1430E	1447D	1442	N08	W03	.054	10321	14.4	17D	-F	S						8
309 CANR	14	1747	1755	1749	S31	W75	.988	10304	9.1	8	1N	C		.70	2.10			5
311 HUAN	14	1853E	1857D	1853	N07	W04	.069	10321	14.5	4D	-N	1 P	1853	.45	.45			E 4
313 CULG	14	2106	2113	2109	S16	E75	.977	10320	20.5	7	1F	C	2109	.67				4
315 BOUL	14	2258E	2323D	2300	S19	E09	.465	10309	15.6	25D	-N	S						3
GRP25319	15	0549	0625	(0549)	S19	E06	.452	10309	15.7	36	-N			1.76				2 1 1 4
BUCA	15	0549E	0620D		S19	E09	.464	10309	15.9	31D	-N	P	0549	1.76	1.90			
ISTA	15	0600E	0630		S19	E02	.443	10309	15.4	30D	-N							
320 ISTA	15	0705	0730	0710	S05	E26	.480	10317	17.2	25	-N							8
GRP25321	15	0725	0757	0727	N08	W14	.240	10321	14.3	32	-N			.50				2 2 1 9
ISTA	15	0725	0755	0727	N08	W14	.240	10321	14.3	30	-N							
CAPS	15	0728E	0758D		N07	W14	.240	10321	14.3	30D	-N	V	0733	.50	.60		180	
324 CATA	15	0840	0845	0840	N08	W13	.223	10321	14.4	5	-B		0840	.58	.59		218	6
GRP25325	15	0855	0917	0858	N07	W14	.240	10321	14.3	22	-F			.47				2 2 2 7
CAPS	15	0854E	0900D		N08	W13	.223	10321	14.4	6D	-F	V	0856	.50	.60		150	
ARCE	15	0856	0917	0858	N06	W15	.258	10321	14.2	21	-F	C	0858	.44	.50			
327 CAPE	15	0936	0943	0938	S06	E30	.540	10317	17.6	7	-N	C	0938	.99	1.20			6
328 CAPE	15	1031	1053	1044	S20	E90	1.001	10320	22.2	22	-N	C	1044	.90				4
333 MCMA	15	1627	1633	1630	N08	W20	.339	10321	14.2	6	-F	C	1630	.31	.40			D 5
334 BOUL	15	1700	1717	1703	N03	E90	1.000	10325	22.5	17	-N	V						5
339 CATA	16	0835	0845	0840	S19	W12	.481	10309	15.5	10	-N		0840	.40	.46		174	9
GRP25340	16	0920	0955	0925	S05	E15	.331	10317	17.5	35	-B			.79				2 2 2 9
CAPS	16	0920E	0932D		S04	E15	.320	10317	17.5	12D	-N	2 V	0929	.60	.60		170	C
CATA	16	0920	0955	0925	S06	E14	.329	10317	17.4	35	-B		0925	.98	1.04		209	
342 CAPS	16	1047E	1130D		N15	E90	.999	10325	23.2	43D	1N	2 V						A 8
344 CATA	16	1315	1325	1315	S06	E14	.329	10317	17.6	10	-B		1315	.58	.61		224	7
348 HUAN	16	1700	1705	1701	S06	E09	.275	10317	17.4	5	-F	2 C	1701	.37	.47			E 5
350 BOUL	16	1816	1908D	1818	S05	E10	.272	10317	17.5	52D	1F	V						3

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM-POR-TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS		
	DATE 1969 SEP	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.	MAX. WIDTH H α	MAX. INT. %			
356 MANI	17	0011	0023	0014	S19	W20	.541	10309	15.5	12	-F	2	0014	.52	.61				6	
357 MANI	17	0154	0212	0202	S19	W22	.559	10309	15.4	18	-N	2	0202	.83	1.00				4	
358 KODA	17	0240E	0244D		N12	E74	.956	10325	22.7	4D	2N		P 0240	8.82	8.80			I	5	
359 MANI	17	0313	0323	0315	S19	W22	.559	10309	15.5	10	-F	2	0315	.36	.61				4	
365 ISTA	17	0832	0900		S10	W26	.516	10313	15.4	28	-N								9	
373 SACP	17	1412	1420	1415	S04	W07	.228	10317	17.1	8	-N		C	.41	.41				9	
377 BOUL	17	1507	1520	1511	S02	W06	.190	10317	17.2	13	-F		V						6	
378 BOUL	17	1520E	1527	1522	S18	E49	.814	10320	21.3	7D	-N		V						6	
379 BOUL	17	1531E	1536	1531	S18	E49	.814	10320	21.3	5D	-F		V						6	
380 BOUL	17	1623	1628	1625	S17	W31	.630	10309	15.4	5	-F		V						5	
389 SACP	17	2137	2145	2139	N14	E63	.884	10325	22.6	8	-F		C	.41	.64				4	
390 MANI	17	2231E	2242		S04	W13	.294	10317	17.0	11D	-N	1	2231	.41	.43				4	
391 MANI	17	2231E	2237D		N14	E60	.859	10325	22.4	6D	-N	1	2231	.21	.37				4	
394 MANI	17	2310	2328	2314	S03	W14	.297	10317	16.9	18	-N	1	2314	.52	.54				4	
395 MANI	17	2342	2351	2345	S05	W13	.306	10317	17.0	9	-F	1	2345	.15	.16				6	
397 SIBE	18	0257E	0304		N15	E04	.152	10336	18.4	7D	1N		V					H	3	
398 MANI	18	0509E	0516		S05	W16	.343	10317	17.0	7D	-B	1	0509	.72	.76				4	
403 UCCL	18	0950E	1022D	0951	N06	W56	.825	10321	14.2	32D	1N		P 0951	2.06				EH	7	
GRP25405	18	1025	1050	1035	S19	W43	.764	10309	15.2	25	-B			.92				2 2 2 6		
CATA	18	1025	1050	1030	S18	W43	.759	10309	15.2	25	-B		1030	.29	2.07			207		
UCCL	18	1035E	1044D	1040	S19	W43	.764	10309	15.2	9D	1N		P 1040	1.55	3.70			E		
406 CAPS	18	1055E	1109D		N12	E52	.782	10325	22.4	14D	-N	3	V 1056	.60	1.00			180	CE	5
409 BOUL	18	1557	1612	1600	S17	W42	.744	10309	15.5	15	-F		V						6	
410 BOUL	18	1631	1637	1632	S20	E02	.458	10322	18.8	6	-F		V						5	
411 BOUL	18	1910	1917	1911	S05	W22	.424	10317	17.1	7	-N		V						3	
414 MITK	18	2320	2333	2326	S23	E32	.688	10320	21.4	13	-N		C 2326	.62	.80			D	6	
417 MANI	19	0410	0424	0416	S20	W51	.839	10309	15.3	14	-F	2	0416	1.03	1.78				3	
418 MANI	19	0411	0423	0416	S08	W28	.526	10317	17.1	12	-N	2	0416	.93	10.35				3	
419 CRON	19	0548	0557	0552	S15	W68	.945	10309	14.1	9	-N		C	.70	1.80			L	5	
420 ISTA	19	0625E	0755D		S08	W53	.819	10313	15.3	9D	-N								7	
421 ISTA	19	0625E	0750D		N07	W72	.948	10321	13.9	85D	-N	8							6	
422 ISTA	19	0625E	0725D		N12	W41	.652	10314	16.2	6D	-N	8							6	
423 CRON	19	0651	0707	0655	S19	W53	.852	10309	15.3	16	-F		C	.60	1.10				7	
424 UCCL	19	0850E	0920		N07	W70	.936	10321	14.1	30D	1N		P 0905	1.03				B	7	
425 UCCL	19	0855	0912D		N14	W43	.679	10314	16.1	17D	1F		P 0855	1.03	2.10				6	
426 UCCL	19	1122	1150	1122	S35	E90	1.003	10329	26.2	28	1B		C 1122	1.03				D	7	
427 CATA	19	1125	1135	1125	S28	W54	.890	10309	15.4	10	-B		1125	.17	.33			240	9	
428 CAPS	19	1125E	1133D		N07	W68	.923	10321	14.4	8D	-N	2	V 1127	.40	1.00			170	9	
429 UCCL	19	1200	1227D	1215	S35	E90	1.003	10330	26.3	27D	1N		C 1215	1.03				D	8	
430 CATA	19	1210	1215	1210	S08	W31	.565	10317	17.2	5	-B		1210	.14	.18			209	8	
431 UCCL	19	1242	1315	1245	S35	E90	1.003	10330	26.3	33	1N		C 1245	1.03				D	8	

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS. COND. TYPE	MEASUREMENTS					REMARKS
	DATE 1969 SEP	START	END	MAX. PHASE	APPROX.		CENTRAL DISTANCE	MC MATH PLAGE REGION	CMP DAY				TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Ha	MAX. INT. %	
					LAT.	MER. DIST.												
432 BOUL	19	1255E	1305	1259	S19	E79	.990	10329	25.5	10D	-F	S						8
433 HUAN	19	1307	1322		S03	W34	.579	10317	17.0	15	-F	2 P	1316	.15	.19			D 6
1 STATIONS REPORTING GROUP 25436. 6 STATIONS OBSERVING AND NOT REPORTING.																		
436 CANR	19	1405	1430	1411	S29	E75	.986	10329	25.2	25	-N	C		.60	1.80			HL 7
436 CANR	19	1405	1430	1417	S29	E75	.986	10329	25.2	25	*-N	C						7
GRP25437	19	1413	1430	1416	S19	W57	.882	10309	15.3	17	-F			.93				2 2 1 8
SACP	19	1413	1432	1415	S19	W57	.882	10309	15.3	19	-F	C		.93	1.43			
BOUL	19	1413	1428	1417	S18	W56	.872	10309	15.4	15	-F	V						
GRP25438	19	1455	1506	1459	S02	W34	.576	10317	17.1	11	-F			.11				2 2 1 8
BOUL	19	1455	1506	1457	S02	W35	.589	10317	17.0	11	-F	V						
CATA	19	1500E	1505	1500	S02	W33	.562	10317	17.1	5D	-N		1500	.11	.14		191	
439 BOUL	19	1556	1608	1559	S03	W36	.606	10317	17.0	12	-F	V						5
441 BOUL	19	2022	2031	2023	S06	W39	.657	10317	16.9	9	-B	V						2
444 MITK	20	0358E	0359D		S18	W66	.938	10309	15.2	1D	-N	P	0359	.83				D 5
448 HUAN	20	1720E	1800D		S04	W50	.779	10317	17.0	40D	-F	2 C	1725	.15	.25			D 5
GRP25449	20	1828	1837	1830	S04	W51	.789	10317	16.9	9	-N			.21				2 2 1 4
HUAN	20	1827	1834		S04	W50	.779	10317	17.0	7	-N	1 P		.21	.33			D
BOUL	20	1828	1839D	1830	S03	W51	.787	10317	16.9	11D	-N	V						
450 SACP	20	2000	2022	2002	N05	W88	.999	10321	14.2	22	-N	C		.21				4
451 SACP	20	2140	2149	2141U	N07	E68	.923	10331	26.0	9	-N	C		.21	.36			3
454 TACH	21	0422	0432	0425	N06	E66	.910	10331	26.1	10	-N	C	0425	.52			52	E 4
455 TACH	21	0550	0557	0552	N06	E66	.910	10331	26.2	7	-N	C	0552	.52			52	E 5
462 MANI	22	0222	0233D	0225	S08	W69	.942	10317	16.9	11D	-F	2	0225	.36	.81			3
463 MANI	22	0336E	0347	0338	S04	W68	.932	10317	17.0	11D	-F	2	0338	.41	.86			3
GRP25464	22	0545	0613	0551	S05	W69	.939	10317	17.1	28	-N			1.03				2 1 1 6
HTPR	22	0545	0610	0551	S05	W70	.945	10317	17.0	25	-N	C	0551	1.03	2.00			
ISTA	22	0600E	0615D		S04	W67	.926	10317	17.2	15D	-N							
466 MONT	22	0825	0829	0826	S05	W54	.821	10317	18.3	4	-F	C	0826	.10				6
467 ARCE	22	0916E	0924		S05	W71	.950	10317	17.1	8D	-F	C	0916	.26	.60			6
468 HTPR	22	0946	0955	0948	S15	E70	.955	10334	27.7	9	-F	C	0948	.41				5
473 SACP	23	0000E	0022	0009	S05	W87	.999	10317	16.5	22D	-N	C		.41				4
474 KODA	23	0138E	0143D		N06	W06	.105	10325	22.6	5D	-N	P	0138	1.62	1.60			E 4
475 MANI	23	0247E	0301D	0249	N06	W07	.122	10325	22.6	14D	-F	1	0301	.83	.83			4
476 HTPR	23	0619	0635	0623	N01	E55	.821	10333	27.4	16	-F	C	0623	.62	1.00			6
477 ISTA	23	0717	0830	0725	N05	W08	.143	10325	22.7	73	-F							10
GRP25481	23	1304	1315	1308	S17	W90	1.001	10317	16.8	11	-N			.57				2 1 1 10
BOUL	23	1304	1315	1308	S17	W90	1.001	10317	16.8	11	-N	V						
MONT	23	1313E	1345	1313	S06	W90	1.000	10317	16.8	32D	-N	C	1313	.57				
482 BOUL	23	1413E	1430	1414	S19	E90	1.001	10337	30.3	17D	-F	V						10
484 BOUL	23	1629	1654	1638	N05	W13	.226	10325	22.7	25	-N	V						6
GRP25485	23	1754	1920	1755	N04	W13	.230	10325	22.8	86	-F			.33				2 1 1 5
HUAN	23	1754E	1920D		N04	W13	.230	10325	22.8	86D	-F	2 P	1812	.33	.33			E
BOUL	23	1754	1832D	1755	N04	W12	.213	10325	22.8	38D	-F	V						
488 BOUL	23	2143	2155	2146	N05	W13	.226	10325	22.9	12	-F	V						3
491 CULG	24	0703E	0724D		N04	E40	.642	10333	27.3	21D	1N	P	0707	1.65	2.16			9
492 ISTA	24	0730E	0810		S10	E27	.527	10332	26.3	40D	-N							12

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS.		MEASUREMENTS					REMARKS
	DATE	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 α	MAX. INT. %	
					LAT.	MER. DIST.													
493 ISTA	24	0745	0825	0805	S15	E46	.773	10334	27.8	40	-N							12	
GRP25494	24	0755	0830	0810	N04	W23	.392	10325	22.6	35	-N		.61					2 1 1 11	
ISTA	24	0755	0830	0810	N04	W23	.392	10325	22.6	35	-N								
ARCE	24	0820E	0916D	0835	N03	W22	.379	10325	22.7	56D	-F	C	0835	.61	.60				
495 MEUD	24	1003	1007	1005	N08	E59	.852	10335	28.8	4	-F	C	1005	.26	.50			11	
498 CAPS	24	1145E	1152		N09	E65	.901	10335	29.4	7D	-N	3 V	1147	.50			160	7	
499 HTPR	24	1253	1315	1304	S16	E46	.777	10334	28.0	22	-F	C	1304	.31	.40			8	
501 BOUL	24	1351	1358	1353	N16	E90	.999	10353	1.3	7	-F	V						11	
503 BOUL	24	1405E	1410D	1406	S14	E45	.759	10334	28.0	5D	-F	V						10	
504 HUAN	24	1437	1450D		N04	W24	.408	10325	22.8	13D	-F	2 C	1443	.15	.17			D 9	
512 BOUL	24	2055	2100	2056	N03	E10	.186	10331	25.6	5	-N	V						4	
513 BOUL	24	2103	2114	2106	N04	W29	.485	10325	22.7	11	-N	V						4	
515 BOUL	24	2309	2324	2310	S13	E39	.690	10334	27.9	15	-F	V						4	
516 MANI	25	0152	0208	0156	N04	W30	.500	10325	22.8	16	-N	2	0156	.62	.70			3	
517 MANI	25	0202	0238	0206	N03	W32	.532	10325	22.7	36	-B	2	0206	.83	.97			3	
521 CAPS	25	0754E	0805D		N11	E52	.782	10335	29.2	11D	-B	1 S						14	
522 ARCE	25	0815E	1002D	0819	N03	W35	.575	10325	22.7	107D	1N	C	0819	2.77	3.30			K 14	
523 ARCE	25	0815E	0919D	0821	S12	E16	.419	10332	26.5	64D	-F	C	0821	.67	.70			H 14	
526 HURB	25	1314E	1331		S19	E68	.950	10337	30.7	17D	1N					2.10		HG 9	
GRP25528	25	1554	1604	1556	N05	W40	.640	10325	22.7	10	-F			1.13				2 2 1 9	
ZURI	25	1551	1559	1555	N04	W41	.655	10325	22.6	8	-N	C	1555	1.13	1.50				
BOUL	25	1556	1609	1557	N05	W39	.627	10325	22.7	13	-F	V							
BOUL	25	1556	1609	1557	N05	W39	.627	10325	22.7	13	-F	V							
530 SACP	25	1740	1805	1743	N01	E20	.355	10333	27.2	25	-N	C		.31	.31			4	
531 BOUL	25	1809	1829	1812	N03	W40	.643	10325	22.8	20	-N	V						5	
534 SACP	25	1909	1936	1916	N08	W03	.055	10331	25.6	27	-F	C		.83	.82			4	
537 MANI	26	0158	0216	0204	N05	W46	.717	10325	22.6	18	-N	1	0204	1.34	1.72			4	
538 MANI	26	0414E	0437		S20	E51	.838	10337	30.0	23D	1F	2	0417	1.55	2.67			3	
539 ZURI	26	0831	0835	0831	N05	W50	.763	10325	22.6	4	-F	C	0831	.62	.90			12	
541 HTPR	26	1052	1110	1057	N04	W55	.817	10325	22.3	18	-F	C	1057	.31	.60			H 9	
545 SACP	26	1314	1341	1321	S12	E44	.739	10337	29.9	27	-F	C		.31	.38			9	
546 HTPR	26	1330	1343		S12	E85	.998	10344	2.9	13	-N	C	1335	.52				10	
547 BOUL	26	1513	1534	1516	S03	E80	.986	10344	2.6	21	-F	V						10	
GRP25548	26	1522	1535	1527	N04	W60	.864	10325	22.1	13	-F			.31				2 2 1 10	
BOUL	26	1521	1532	1525	N04	W59	.855	10325	22.2	11	-F	V							
SACP	26	1523	1537	1528	N04	W60	.864	10325	22.1	14	-N	C		.31	.45				
GRP25549	26	1547	1624	1555	N05	W55	.816	10325	22.5	37	-N			1.20				2 2 1 8	
BOUL	26	1540	1628	1554	N04	W54	.807	10325	22.6	48	-N	V							
HOUT	26	1553	1620	1555	N05	W55	.816	10325	22.5	27	-N	C		1.20	2.00				
550 HUAN	26	1741	1803		S03	E22	.408	10334	28.4	22	-F	2 P	1746	.14	.15			D 4	
551 HUAN	26	1803	1831		N04	W41	.655	10325	23.7	28	-F	2 C	1815	.14	.19			D 4	
552 HUAN	26	1830	1838		S10	E21	.453	10334	28.3	8	-F	2 C	1833	.14	.15			D 4	
553 HUAN	26	1844	1925D	1846	S18	E58	.886	10337	1.1	41D	-N	2 C	1846	.33	.69			E 4	
554 BOUL	26	1933	1948	1934	S10	E90	1.000	10344	3.6	15	-F	V						5	

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION MIN.	IM- POR- TANCE	OBS.		MEASUREMENTS				REMARKS		
	DATE	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 Ha			MAX. INT. %
					LAT.	MER. DIST.														
1969 SEP																				
555 HUAN	26	2106	2120D		N13	E24	.413	10335	28.7	14D	-F	2	C	2113	.31	.34			E	5
556 BOUL	26	2122E	2223D	2135	S10	E90	1.000	10344	3.6	61D	-B		V							5
557 BOUL	26	2130	2144D	2131	S13	E32	.609	10337	29.3	14D	-F		V							5
558 BOUL	26	2131	2140	2136	N08	W15	.257	10331	25.8	9	-F		V							5
559 BOUL	26	2241	2315D	2243	S13	E31	.597	10337	29.3	34D	-F		V							3
560 BOUL	26	2330E	2345D	2332	N12	E07	.149	10333	27.5	15D	-F		V							4
562 MANI	27	0247E	0247D		S13	E37	.666	10337	29.9		-F	1		0247	.93	1.25				4
563 MANI	27	0311E	0324D		N13	E03	.118	10333	27.4	13D	-F	2		0311	1.65	1.65				5
564 MANI	27	0311E	0324D	0321	S13	E37	.666	10337	29.9	13D	1F	2		0321	1.86	2.50				5
GRP25566 TACH CAPS	27	0500	0650	(0510)	N10	E01	.057	10333	27.3	110	4F				36.10					2 1 1 4
	27	0500E	0650		N10	E01	.057	10333	27.3	110D	4F		P	0510	36.10	36.10	1.70	66		BI
	27	0617E	0808D		N08	E03	.055	10333	27.5	111D	1N	3	P	0620	4.00	4.00		185		HB
GRP25567 HTPR CAPS	27	0627	0635	0629	S17	E34	.659	10337	29.8	8	-B				.56					2 2 2 6
	27	0627	0635	0629	S17	E31	.627	10337	29.6	8	-N		C	0627	.62	.80				
	27	0628E	0633D		S17	E37	.691	10337	30.0	5D	-B	3	V	0629	.50	.70		200		C
571 ARCE	27	0910	1000D	0915	N07	E03	.052	10333	27.6	50D	-N		C	0915	1.18	1.10				E
572 ARCE	27	0920E	0920D		N04	W65	.904	10325	22.5		-F		C	0920	.35	.80				10
573 HURB	27	0935E	0950D		S13	E31	.597	10337	29.7	15D	-N						1.50			10
574 CAPS	27	1042E	1058D		N12	E25	.425	10335	29.3	16D	-F	3	V	1044	.60	.70		155		10
575 CAPS	27	1044	1148D		S12	E31	.590	10337	29.8	64D	-N	3	V	1058	.70	.80		190		10
577 BOUL	27	1347	1400	1348	N04	W68	.925	10325	22.5	13	-F		V							8
3 STATIONS REPORTING GROUP 25578. 4 STATIONS OBSERVING AND NOT REPORTING.																				
GRP25578 SACP BOUL	27	1352	1425	1358	N09	W26	.436	10331	25.6	33	-F				1.34					2 2 1 7
	27	1350	1404	1354	N11	W27	.454	10331	25.6	14	-F		C		1.34	1.36				
	27	1354	1446D	1401	N06	W25	.420	10331	25.7	52D	-F		V							
25578 SACP HTPR	27	1353	1445	1409	N06	W22	.373	10331	25.9	52	*-F				1.14					2 2 2 7
	27	1350	1500D	1409	N06	W23	.389	10331	25.9	70D	-F		C		1.24	1.24				
	27	1355	1430		N05	W20	.342	10331	26.1	35	-F		C	1410	1.03	1.10				
579 BOUL	27	1420	1520	1425	N05	W68	.925	10325	22.5	60	-F		V							9
580 BOUL	27	1425E	1500D	1445	N11	E19	.329	10335	29.0	35D	-F		V							7
581 BOUL	27	1626	1651	1627	S12	E29	.566	10337	29.9	25	-F		V							6
584 MANI	27	2328	2339	2332	N07	W12	.206	10333	27.1	11	-F	2		2332	.41	.42				5
586 MANI	28	0616	0630	0618	N13	W07	.160	10333	27.7	14	-F	1		0618	.52	.52				7
GRP25588 CATA CAPS	28	0940	1025	0950	S14	E19	.471	10337	29.8	45	-B				.40					2 2 2 10
	28	0940	1025D	0950	S13	E19	.460	10337	29.8	45D	-B			0950	.29	.32		229		
	28	0942E	0953D		S14	E18	.461	10337	29.8	11D	-N	3	V	0945	.50	.60		171		
591 MCMA	28	1447	1453D	1449	S12	E16	.417	10337	29.8	6D	-N		C	1449	.41	.40				E
592 BOUL	28	2338E	2347D	2340	S14	W15	.433	10334	27.9	9D	-N		V							5
594 CATA	29	0725	0740	0730	N09	E02	.051	10335	29.5	15	-F			0730	.14	.14		148		6
595 CAPS	29	0835E	0903D		N09	W90	1.000	10325	22.6	28D	1N	3	P	0840				120		8
GRP25596 KIEV CANR	29	0940	1204	0955	N04	W90	1.000	10325	22.7	144	1N				2.50					2 1 1 11
	29	0940	1204	0955	N04	W90	1.000	10325	22.7	144	1N		C	0955	2.50			40		
	29	1006	1015	1010	N06	W90	1.000	10325	22.7	9	-B		C		.30	1.20				
597 CATA	29	1135	1140	1135	N11	W04	.100	10335	29.2	5	-N			1135	.34	.35		182		8
599 BOUL	29	1335E	1347	1338	N04	W31	.515	10333	27.2	12D	-F		V							12

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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 α	MAX. INT. %	
					LAT.	MER. DIST.												
	1969 SEP																	
GRP25600	29	1410	1419	1411	N08	W35	.570	10333	27.0	9	-N							
BOUL	29	1409	1417	1411	N07	W35	.570	10333	27.0	8	-F	V						
CATA	29	1410	1420	1410	N09	W34	.555	10333	27.0	10	-B		1410	.14	.17	209		
601 BOUL	29	1458	1508	1500	N11	W06	.126	10335	29.2	10	-F	V						
603 BOUL	29	2016	2022	2019	S13	E50	.804	10344	3.6	6	-F	V						
604 MANI	30	0532E	0548D		S12	W03	.326	10337	30.0	16D	-N	1	0538	.62	.65			
605 MANI	30	0538E	0548D		N12	W13	.239	10335	29.3	10D	-F	1	0538	.41	.42			
GRP25607	30	0635	0725	0635	S13	W06	.353	10337	29.8	50	-N							
CATA	30	0635	0655	0635	S12	W06	.337	10337	29.8	20	-N		0635	.40	.43	195		
ISTA	30	0655	0755		S13	W06	.353	10337	29.8	60	-N							
GRP25608	30	0900	0930	0911	S12	W08	.348	10337	29.8	30	-N							
CATA	30	0850E	0930	0910	S12	W07	.342	10337	29.8	40D	-B		0910	.79		257		
ARCE	30	0910	0930	0911	S12	W08	.348	10337	29.8	20	-F	C	0911	.87	.93			
609 CAPS	30	1032E	1032D		S11	W05	.317	10337	30.1		-N	1	S					
613 HOUT	30	1611	1624	1612	S22	W24	.604	10334	28.9	13	-F	C		1.20	1.50	L		
614 SACP	30	1636	1646	1640	N26	W83	.987	10326	24.5	10	-N	C		.21				

"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 D₃ in emission.
- Q = Flare shows the Balmer continuum in emission.
- R = Marked asymmetry in H α line.
- S = Brightening follows disappearance of filament (same position).
- T = Region active all day.
- U = Close and somewhat parallel bright filaments (H or Y shape).
- V = Occurrence of an explosive phase.
- W = Great increase in area after time of maximum intensity.
- X = Unusually wide H α emission.
- Y = Onset of a system of loop-type prominences.
- Z = Major sunspot umbra covered by flare.