SOLAR FLARES
Confirmed
AUGUST 1969

OBSERVATORY	OBSERVED UT				LOCATION					DURATION	IMPORTANCE	OBS.		MEASUREMENTS					REMARKS
	DATE 1969	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
	AUG 01	0000	0003	NO FLARE PATROL															
GRP24525	01	0230	0324	0236	S11	E00	.289	10232	1.1	54	1N				5.04				5 5 5 5
CULG	01	0210	0347	0233	S10	E00	.272	10232	1.1	97	1N		C	0233	5.05	4.90			
MANI	01	0228	0246D	0237	S10	W01	.272	10232	1.0	18D	1N	2		0237	4.13	4.30			
CRON	01	0229	0250	0235	S11	W02	.290	10232	1.0	21	1N		C		2.60	2.70			
SIBE	01	0232	0300	0239	S12	E00	.305	10232	1.1	28	2N		C	0239	6.93	6.90		84	E
VORO	01	0238E	0355		S10	E01	.272	10232	1.2	77D	2N		P	0243	6.47	6.60		117	CEHJ
GRP24532	01	0748	0801	0753	S18	W27	.584	10222	30.3	13	--N				.80				3 3 3 10
CATA	01	0745	0805	0755	S17	W27	.575	10222	30.3	20	-B			0755	.75	.93		219	
MONT	01	0749	0759	0751	S19	W27	.593	10222	30.3	10	-N		C	0751	.93				
ZURI	01	0750	0759	0753	S18	W27	.584	10222	30.3	9	-N		C	0753	.72	.90			
11 STATIONS REPORTING GROUP 24533.					2 STATIONS OBSERVING AND NOT REPORTING.														
GRP24533	01	0815	0850	0829	S10	W04	.280	10232	1.0	35	1N				3.34				9 9 7 11
CATA	01	0800	0905D	0825	S09	W04	.264	10232	1.0	65D	1B			0825	2.32	2.41		398	TZ
MONT	01	0803	0906	0829	S10	W03	.276	10232	1.1	63	2N		C	0829	6.60				
ZURI	01	0806	0851	0832	S10	W04	.280	10232	1.0	45	1N		C	0832	2.73	2.80			
NERA	01	0822E	0836D	0827	S11	W04	.296	10232	1.0	14D	1F	2							
WEND	01	0822E	0852		S09	W04	.264	10232	1.0	30D	1N		V		5.16				
CRON	01	0823	0836	0830	S10	W04	.280	10232	1.0	13	-N		C		1.80	1.90			
HURB	01	0824E	0850D		S07	W04	.231	10232	1.0	26D	1N						2.00		
CANR	01	0826E	0845	0831U	S11	W04	.296	10232	1.1	19D	1B		C		2.70	3.00			E
MEUD	01	0833E	0852		S11	W04	.296	10232	1.1	19D	1N		C	0833	2.06	2.10			
24533	01	0836	0915	(0846)	S10	W04	.280	10232	1.1	39	*1N				4.93				2 2 2 13
KHAR	01	0836E	0855D		S10	W02	.274	10232	1.2	19D	2N		P	0842	7.37	8.30	2.10		EO
AROS	01	0850E	0915D		S10	W05	.285	10232	1.0	25D	1N		P	0850	2.48	2.50			
GRP24534	01	1044	1052	1045	S11	W03	.293	10232	1.2	8	--N				.88				4 4 4 11
ARCE	01	1016	1059	1045	S11	W03	.293	10232	1.2	43	-F		C	1045	.77	.80			
CAPS	01	1042E	1047D		S08	E00	.238	10232	1.4	5D	-N		V	1044	1.50	1.50		176	CE
MEUD	01	1044	1050	1046	S12	W05	.317	10232	1.1	6	-N		C	1046	.52	.50			E
ZURI	01	1045	1048	1045	S11	W03	.293	10232	1.2	3	-N		C	1045	.72	.80			
GRP24537	01	1347	1433	1358	S10	W06	.290	10232	1.1	46	1N				2.92				11 11 7 11
CATA	01	1345	1510	1400	S10	W07	.296	10232	1.0	85	1B			1400	2.61	2.73		446	IZ
MCMA	01	1347	1455	1400	S10	W06	.290	10232	1.1	68	1N		C	1400	2.06	2.10			E
NERA	01	1347E	1358D	1351	S09	W06	.275	10232	1.1	11D	1N	2							
BOUL	01	1347E	1425D	1354	S09	W06	.275	10232	1.1	38D	-B		V						
CAPF	01	1348E	1440	1409	S10	W08	.304	10232	1.0	52D	1N		C	1412	4.54	4.62			
SACP	01	1349	1424	1357	S11	W07	.312	10232	1.1	35	1B		C		2.64	2.61			
HURB	01	1350E	1411D		S08	W05	.253	10232	1.2	21D	1N						2.10		
CAPS	01	1351E	1432		S08	W07	.266	10232	1.1	41D	1B		P	1358	4.00	4.00		256	
CANR	01	1351U	1415	1357U	S11	W06	.306	10232	1.1	24D	1N		C		2.50	2.60			E
MEUD	01	1352E	1410D		S11	W07	.312	10232	1.1	18D	1N		C	1357	2.06	2.10			
ONDR	01	1402E	1440		S12	W05	.317	10232	1.2	38D	1F		V	1404			2.30		CJ
GRP24539	01	1720	1745	1720	S09	W07	.281	10232	1.2	25	--N				.72				2 2 1 4
BOUL	01	1719E	1725D	1720	S07	W08	.260	10232	1.1	6D	-N		S						
MCMA	01	1720	1745D	1720	S10	W06	.290	10232	1.3	25D	-N		C	1720	.72	.80			EV
540 MCMA	01	1823	1837	1829	S05	W09	.242	10232	1.1	14	--N		C	1829	.52	.60			E 3
2 STATIONS REPORTING GROUP 24541.					1 STATIONS OBSERVING AND NOT REPORTING.														
GRP24541	01	1859	1930	1916	S11	E53	.823	10242	5.8	31	-N				1.09				2 2 2 3
MCMA	01	1850	1930	1917	S10	E52	.810	10242	5.7	40	-N		C	1917	.77	1.30			EK
BOUL	01	1907	1930	1915	S12	E53	.825	10242	5.8	23	1N		C		1.40	2.40			
541 BOUL	01	1851	1940	1917	S12	E47	.766	10242	5.3	49	*-N		V						3
GRP24542	01	2110	2225	2120	S10	W11	.329	10232	1.1	75	1B				2.16				4 4 3 4
MCMA	01	2110	2230	2123	S10	W10	.320	10232	1.1	80	1B		C	2123	2.06	2.10			FL
HALE	01	2110	2230D	2116	S10	W10	.320	10232	1.1	80D	-B	2	P	2116	1.65	1.70			
CULG	01	2115E	2217	2122	S09	W11	.316	10232	1.1	62D	1B		P	2122	2.78	2.84			
BOUL	01	2116E	2222	2119	S08	W10	.292	10232	1.1	66D	1B		V						
BOUL	01	2155E	2200	2155E	S11	W12	.352	10232	1.0	5D	1N		C		2.10	2.30			
GRP24543	01	2117	2128	2119	S16	W35	.655	10222	30.3	11	--N				.49				3 3 2 4
HALE	01	2116	2131	2119	S15	W36	.660	10222	30.2	15	-N	2	C	2119	.36	.50			
BOUL	01	2117	2124	2119	S16	W34	.644	10222	30.3	7	-B		V						
MCMA	01	2117	2129	2118	S16	W36	.666	10222	30.2	12	-F		C	2118	.62	.80			E

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	DATE 1969 AUG	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
GRP24550	02	0617	0710	0647	S16	W34	.644	10222	30.7	53	-B				1.93				4 3 2 13
CULG	02	0617	0711D	0649	S15	W33	.626	10222	30.8	54D	1N		P	0649	2.99	3.63			CGL
BUCA	02	0625E	0740D		S15	W32	.615	10222	30.9	75D	-F		P	0630	.55	.60			
CATA	02	0635E	0720D	0645	S16	W32	.622	10222	30.9	45D	-B			0645	.87	1.12		295	
HURB	02	0641E	0659		S16	W38	.688	10222	30.4	18D	-B						1.90		
5 STATIONS REPORTING GROUP 24551. 7 STATIONS OBSERVING AND NOT REPORTING.																			
GRP24551	02	0720	0825	0800	N13	W10	.211	10243	1.6	65	-N				1.00				2 2 1 12
ISTA	02	0720E	0815		N13	W10	.211	10243	1.6	55D	-N								
ARCE	02	0759E	0835	0800	N12	W09	.188	10243	1.7	36D	-N		C	0800	1.00	1.00			
24551	02	0637	0836	0747	N12	W08	.174	10243	1.7	119	*1B				2.58				3 1 1 12
HURB	02	0626E	0707D		N10	W07	.141	10243	1.7	41D	1F						1.40		
MONT	02	0647E	0836	0747	N13	W08	.185	10243	1.7	109D	1B		C	0747	2.58				
CAPS	02	0825E	0834D		N14	W08	.197	10243	1.8	9D	-F		P	0827	1.80	1.80		147	CH
GRP24554	02	0823	0833	0825	S07	W17	.363	10232	1.1	10	-F				1.49				4 4 3 13
ISTA	02	0820	0835	0823	S05	W15	.317	10232	1.2	15	-N								
MONT	02	0821	0831	0824	S06	W15	.327	10232	1.2	10	-N		C	0824	.46				
CAPS	02	0825E	0831D		S08	W19	.398	10232	31.9	6D	1F		P	0826	2.00	2.20		149	C
ARCE	02	0825	0835	0828	S08	W17	.373	10232	1.1	10	1F		C	0828	2.00	2.10			
11 STATIONS REPORTING GROUP 24556. 1 STATIONS OBSERVING AND NOT REPORTING.																			
GRP24556	02	0858	0927	0903	S11	W18	.416	10232	1.0	29	1N				2.58				8 8 7 11
WEND	02	0851	0930D		S08	W19	.398	10232	31.9	39D	1N		V		5.16				
KHAR	02	0855	0930D		S12	W18	.427	10232	1.0	35D	2N		P	0904	4.80	5.40	1.80		EO
MONT	02	0859	0928	0903	S11	W16	.394	10232	1.2	29	1B		C	0903	2.58				
CRON	02	0900	0915	0904	S11	W17	.405	10232	1.1	15	-N		C		1.30	1.40			E
ARCE	02	0900	0940	0902	S11	W17	.405	10232	1.1	40	-N		C	0902	1.00	1.00			
CAPS	02	0900E	0936D		S10	W19	.418	10232	1.0	36D	1B		P	0903	2.20	2.40		220	CK
CANR	02	0901	0907	0903	S11	W17	.405	10232	1.1	6	-N		C		1.00	1.10			
ONDR	02	0901E	0930		S12	W18	.427	10232	1.0	29D	1F		V	0902			2.90		CFJK
24556	02	0905	0929	0919	S10	W17	.394	10232	1.1	24	*1N				2.55				3 3 2 11
CAPF	02	0905E	0930D		S11	W16	.394	10232	1.2	25D	1F		P	0919	3.09	3.30			
HURB	02	0910E	0930D		S09	W18	.395	10232	1.0	20D	-N						1.70		
ZURI	02	0917E	0928	0919	S10	W18	.406	10232	1.0	11D	1N		C	0919	2.01	2.20			
GRP24560	02	1335	1525	1426	S09	W21	.433	10232	1.0	110	-B				1.55				3 2 1 9
MCMA	02	1335	1525	1430	S10	W19	.418	10232	1.1	110	-B		C	1342	1.55	1.70			EHKL
ONDR	02	1406E	1445D		S10	W16	.382	10232	1.4	39D	1N		V	1407			2.80		FJK
BOUL	02	1408E	1457D	1422	S07	W22	.429	10232	31.9	49D	1N		V						
GRP24561	02	1338	1432	1340	S09	W19	.408	10232	1.1	54	1N				2.51				8 8 7 10
MCMA	02	1335	1525	1342	S10	W19	.418	10232	1.1	110	-B		C	1342	1.55	1.70			EHKL
SACP	02	1335	1405	1341	S09	W19	.408	10232	1.1	30	-N		C		1.90	1.91			
HOUT	02	1336	1352	1339	S09	W18	.395	10232	1.2	16	-N		C		1.40	1.50			E
SANM	02	1336	1520	1338	S09	W20	.420	10232	1.1	104	1N	1	C		2.91	3.21			EI
CAPS	02	1339E	1438		S11	W15	.383	10232	1.4	59D	1N		P	1342	3.50	3.70		170	CEIU
MONT	02	1340E	1424D	1342	S09	W18	.395	10232	1.2	44D	1B		C	1342	3.61				
SACP	02	1340	1355	1345	S09	W20	.420	10232	1.1	15	-N		C		.85	.85			
HURB	02	1341E	1357D		S10	W20	.430	10232	1.1	16D	1N						2.10		
CAPF	02	1343E	1500D		S08	W21	.424	10232	1.0	77D	1N		C	1348	2.68	2.86			
GRP24567	02	1840	1944	1916	S10	W23	.467	10232	1.1	64	-N				1.33				4 3 3 4
HALE	02	1836	1954	1917	S10	W25	.493	10232	31.9	78	1N	2	C	1917	1.86	2.10			F
MCMA	02	1843E	1903D		S10	W20	.430	10232	1.3	20D	-N	8	C	1845	.83	.90			E
HOUT	02	1911	1926	1915	S11	W24	.488	10232	1.0	15	-N	8	C		1.10	1.30			
MCMA	02	1913E	1952D	1916	S10	W20	.430	10232	1.3	39D	-B	8	C	1916	1.03	1.10			E
BOUL	02	1923E	1924D		S09	W25	.485	10232	31.9	1D	-B	8	S						
GRP24568	02	2027	2119	2037	S11	W24	.488	10232	1.1	52	-N				1.65				4 4 4 4
HALE	02	2020	2122	2036	S10	W25	.493	10232	1.0	62	1N	2	C	2036	2.06	2.40			F
MCMA	02	2029	2130D	2037	S11	W21	.452	10232	1.3	61D	-B		C	2037	1.13	1.20			F
HOUT	02	2031	2056	2035	S11	W24	.488	10232	1.1	25	-N		C		1.40	1.60			
SACP	02	2032E	2127	2039	S11	W25	.501	10232	1.0	55D	1N		C		1.99	2.07			
GRP24569	02	2054	2102	2056	N13	W18	.328	10243	1.5	8	--N				.42				2 2 2 4
SACP	02	2052	2058	2055	N12	W18	.322	10243	1.5	6	-N		C		.42	.42			
MCMA	02	2055	2105	2056	N13	W17	.313	10243	1.6	10	-N		C	2056	.41	.40			E
	02	2359	0000	NO FLARE PATROL															
	02	2359	0000	NO FLARE PATROL															
GRP24574	03	0038	0052	0044	S03	W29	.505	10232	31.9	14	--B				.55				2 2 2 4
HALE	03	0036	0048D	0042	S02	W29	.500	10232	31.9	12D	-B	2	P	0042	.46	.50			
SACP	03	0040	0052D	0045	S04	W29	.509	10232	31.9	12D	-N		C		.63	.66			

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	DATE 1969 AUG	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
576 CRON	03	0134	0200	0138	S10	W28	.532	10232	1.0	26	1N		C		1.80	2.20			2
577 MITK	03	0209E	0220	0211	S09	W33	.589	10232	31.6	11D	1N		C	0211	3.92	4.80			F 2
GRP24580	03	1037	1050	1041	S11	W32	.589	10232	1.0	13	--F				1.17				2 2 2 6
ZURI	03	1036	1050	1041	S10	W32	.582	10232	1.0	14	-F		C	1041	1.13	1.40			
CANR	03	1037	1050	1041	S11	W32	.589	10232	1.0	13	-N		C		1.20	1.50			E
GRP24582	03	1142	1150	1145	S15	W40	.705	10232	31.5	8	--N				.47				3 3 2 5
ZURI	03	1141	1149	1145	S16	W40	.710	10232	31.5	8	-N		C	1145	.62	.90			
MCMA	03	1143	1150	1145	S16	W41	.721	10232	31.4	7	-N		C	1145	.31	.40			E
HURB	03	1145E	1150D		S13	W40	.695	10232	31.5	5D	-F						1.20		D
GRP24583	03	1157	1203	1159	S10	W35	.620	10232	31.9	6	--N				.41				3 3 2 7
MCMA	03	1157	1202	1159	S10	W35	.620	10232	31.9	5	-N		C	1159	.31	.40			D
HURB	03	1157E	1200D		S11	W35	.626	10232	31.9	3D	-N						2.80		D
HUAN	03	1202E	1203		S09	W34	.602	10232	1.0	1D	-F	1	C	1202	.50	.55			D
GRP24585	03	1348	1400	1350	S10	W32	.582	10232	1.2	12	--N				.45				4 4 4 8
CATA	03	1345E	1410D	1350	S09	W33	.589	10232	1.1	25D	-B			1350	.69	.86		288	
SACP	03	1349E	1359	1349	S11	W32	.589	10232	1.2	10D	-N		C		.42	.46			
HUAN	03	1349	1355D		S11	W31	.576	10232	1.3	6D	-N	2	C	1349	.17	.18			E
ZURI	03	1350	1354	1350	S10	W32	.582	10232	1.2	4	-N		C	1350	.52	.60			
GRP24586	03	1454	1517	1503	S17	W40	.716	10232	31.6	23	--F				.45				4 4 3 9
HUAN	03	1446	1518		S18	W42	.741	10232	31.5	32	-F	2	C	1507	.50	.60			D
HURB	03	1454E	1508D		S20	W34	.673	10232	1.1	14D	-F						1.90		H
CATA	03	1455	1520D	1500	S13	W41	.706	10232	31.5	25D	-N			1500	.14	.21		195	
CANR	03	1500	1512	1505	S16	W41	.721	10232	31.5	12	-N		C		.70	1.00			H
GRP24597	03	1956	2028	1959	S11	W38	.662	10232	1.0	32	-N				1.30				3 3 3 4
HOUT	03	1955	2010	1957	S11	W38	.662	10232	1.0	15	1N		C		1.80	2.50			
SACP	03	1956E	2035	1959U	S11	W38	.662	10232	1.0	39D	-B		C		1.26	1.43			
MCMA	03	1956	2040	2000	S12	W38	.667	10232	1.0	44	-N		C	2000	.83	1.20			E
GRP24600	03	2203	2217	2208	N21	E72	.946	10253	9.3	14	-N				.59				4 4 4 4
HALE	03	2201	2220	2207	N22	E72	.946	10253	9.3	19	-N	1	C	2207	.41				
CULG	03	2202	2219	2209	N19	E70	.935	10253	9.2	17	1N		C	2209	.93				
SACP	03	2203	2210D	2207	N22	E72	.946	10253	9.3	7D	-N		C		.42	.81			
HOUT	03	2205	2211	2207	N20	E72	.946	10253	9.3	6	-F		C		.60	1.50			
GRP24605	04	0600	0633	0605	S22	E34	.688	10250	6.8	33	--B				.59				4 4 2 11
CATA	04	0600E	0655D	0605	S20	E36	.693	10250	7.0	55D	-B			0605	.58	.79		234	
ISTA	04	0600E	0627		S23	E34	.696	10250	6.8	27D	-N								
CAPS	04	0604E	0617		S20	E32	.653	10250	6.7	13D	-B		V	0605	.60	.80		204	CE
HURB	04	0606E	0616D		S24	E32	.685	10250	6.7	10D	-N						2.00		
GRP24606	04	0633	0653	0636	N12	W37	.602	10243	1.5	20	-N				1.30				7 7 5 13
CULG	04	0628	0655	0634	N13	W36	.590	10243	1.6	27	1F		C	0634	2.58	3.25			
CRIM	04	0632E	0655D	0634	N11	W38	.614	10243	1.4	23D	-F		C	0634	.99	1.20			E
CRON	04	0633	0640	0635	N12	W38	.615	10243	1.4	7	-N		C		.80	1.00			
CAPS	04	0633	0654		N11	W35	.573	10243	1.6	21	-B		V	0638	1.20	1.40		220	
CATA	04	0635	0655D	0640	N12	W37	.602	10243	1.5	20D	-B			0640	.93	1.16		237	Z
HURB	04	0635E	0701		N10	W37	.600	10243	1.5	26D	1F						1.80		
ISTA	04	0635	0649		N12	W35	.574	10243	1.6	14	-N								
GRP24607	04	0719	0807	0731	N21	E69	.929	10253	9.5	48	-N				.74				3 3 2 14
ISTA	04	0718	0802		N19	E73	.951	10253	9.8	44	-N								
CATA	04	0720	0810	0730	N23	E66	.911	10253	9.3	50	-B			0730	.58			211	
CRIM	04	0728E	0810D	0731	N21	E68	.923	10253	9.4	42D	-F		P	0731	.90				E
GRP24608	04	0746	0826	0820	N12	W38	.615	10243	1.5	40	-N				.93				3 2 1 13
ARCE	04	0746E	0824	0802	N12	W38	.615	10243	1.5	38D	1F		C	0802	1.84	2.30			
ZURI	04	0818	0826	0820	N12	W38	.615	10243	1.5	8	-N		C	0820	.93	1.10			
HURB	04	0819E	0825D		N11	W38	.614	10243	1.5	6D	-N						1.80		
GRP24609	04	0754	0813	0800	S23	E32	.677	10250	6.7	19	-N				.81				4 4 2 15
ISTA	04	0753	0804		S23	E31	.668	10250	6.7	11	-F								
ARCE	04	0755E	0821	0800	S23	E33	.687	10250	6.8	26D	-B		C	0800	1.22	1.70			
CAPS	04	0755	0812		S20	E31	.643	10250	6.7	17	-N		V	0758	.40	.50		190	
HURB	04	0800E	0815D		S24	E32	.685	10250	6.7	15D	1F						1.80		

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OBSERV-ATORY	OBSERVED UT				LOCATION					DURA-TION — MIN.	IM-POR-TANCE	OBS.		MEASUREMENTS					REMARKS
	DATE 1969 AUG	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY			COND.	TYPE	TIME — UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
9 STATIONS REPORTING GROUP 24610. 3 STATIONS OBSERVING AND NOT REPORTING.																			
GRP24610	04	0901	0946	0914	S10	E33	.596	10244	6.9	45	1N				2.00				7 7 6 12
ZURI	04	0820	1010	0918	S10	E32	.583	10244	6.7	110	1F		C	0918	2.84	3.40			
MEUD	04	0858	0931D		S08	E32	.571	10244	6.8	33D	1N		C	0912	1.86	2.20			
AROS	04	0900	1010	0915	S12	E35	.632	10244	7.0	70	1N		P	0915	2.58	3.00			
CATA	04	0900E	0955	0915	S09	E33	.590	10244	6.8	55D	1B			0915	1.62	2.01		305	
CRON	04	0902	0918	0909U	S13	E29	.566	10244	6.6	16	-N		C		1.20	1.40			
HURB	04	0906	0934		S10	E34	.608	10244	6.9	28	1F						2.10		
CANR	04	0907	0945	0915U	S09	E33	.590	10244	6.9	38	1F		C		1.90	2.40			
24610	04	0830	0946	0900	S08	E32	.571	10244	6.8	76	*-N				1.68				2 2 2 13
ARCE	04	0830	0946	0900	S10	E32	.583	10244	6.8	76	-B		C	0900	1.35	1.60			
CAPS	04	0901E	0930D		S06	E31	.547	10244	6.7	29D	1F		P	0902	2.00	2.40		150	CGU
GRP24611	04	0938	1004	0942	S13	E15	.409	10242	5.5	26	-N				1.84				6 6 6 11
CATA	04	0935	1015D	0940	S12	E15	.397	10242	5.5	40D	-B			0940	1.44	1.59		263	
MONT	04	0938	0942D	0940	S12	E15	.397	10242	5.5	4D	-N		C	0940	1.55				
AROS	04	0938	1007	0945	S13	E15	.409	10242	5.5	29	1N		P	0945	3.30	3.50			
ARCE	04	0939	0955	0943	S13	E16	.419	10242	5.6	16	-B		C	0943	1.80	2.00			
ZURI	04	0940	1011	0942	S13	E15	.409	10242	5.5	31	-N		C	0942	1.44	1.60			
CANR	04	0940	0950	0943	S13	E14	.399	10242	5.5	10	-N		C		1.50	1.70			
GRP24613	04	1337	1408	1338	S27	E29	.686	10250	6.7	31	-F				1.44				3 2 1 10
ZURI	04	1337	1408	1338	S23	E32	.677	10250	7.0	31	-F		C	1338	1.44	2.00			
HURB	04	1337E	1349		S31	E25	.695	10250	6.4	12D	-N						1.70		D
AROS	04	1350	1410	1355	S24	E30	.668	10250	6.8	20	1N		P	1355	1.65	2.30			
GRP24614	04	1411	1425	1417	S09	W47	.757	10232	1.1	14	-N				.41				3 3 2 8
CATA	04	1410	1430	1420	S08	W47	.754	10232	1.1	20	-B			1420	.29	.45		240	
HURB	04	1411	1422		S08	W46	.743	10232	1.1	11	1N						2.00		
ZURI	04	1412	1422	1414	S12	W47	.767	10232	1.1	10	-N		C	1414	.52	.80			
4 STATIONS REPORTING GROUP 24615. 7 STATIONS OBSERVING AND NOT REPORTING.																			
GRP24615	04	1420	1542	1511	S25	E29	.668	10250	6.8	82	-F				1.27				3 2 2 10
ZURI	04	1420	1534	1456	S25	E31	.685	10250	6.9	74	-F		C	1456	1.24	1.70			
SANM	04	1456E	1550D		S24	E26	.633	10250	6.6	54D	1F	1	P	1502	1.29	1.57			B
CANR	04	1514	1600	1526	S23	E31	.668	10250	7.0	46	1N		C		1.90	2.60			
24615	04	1433	1450	1443	S24	E29	.659	10250	6.8	17	*-N				.92				2 2 2 8
CATA	04	1430	1450D	1445	S25	E27	.651	10250	6.6	20D	-N			1445	1.04	1.36		200	
CANR	04	1436	1450	1440	S23	E31	.668	10250	6.9	14	-N		C		.80	1.10			
GRP24619	04	1818	1832	1820	N12	W45	.705	10243	1.4	14	--B				.41				6 5 4 8
HOUT	04	1738	1749	1741	N11	W44	.692	10243	1.4	11	-N	8	C		1.00	1.40			
HUAN	04	1739E	1847D	1820	N11	W47	.728	10243	1.2	68D	-N	2	C	1820	.50	.58			D
HALE	04	1818	1825	1820	N11	W45	.704	10243	1.4	7	-B	2	C	1820	.41	.60			
BOUL	04	1818E	1824D	1820	N14	W43	.682	10243	1.5	6D	-N	8	S						
SACP	04	1819	1825	1820	N10	W45	.704	10243	1.4	6	-B	8	C		.42	.49			
MCMA	04	1820E	1821D		N12	W44	.692	10243	1.5	1D	-B	8	C	1820	.31	.40			D
GRP24620	04	1827	1845	1833	N24	W65	.905	10230	30.9	18	--F				.58				2 2 2 6
HALE	04	1826	1844	1832	N24	W66	.911	10230	30.8	18	-F	2	C	1832	.62				
SACP	04	1828	1845	1833	N23	W63	.890	10230	31.0	17	-F		C		.53	.83			
GRP24621	04	1849	1913	1852	S10	W50	.791	10232	1.0	24	--N				.52				4 4 3 7
MCMA	04	1848	1908	1851	S10	W50	.791	10232	1.0	20	-N		C	1851	.41	.70			E
HALE	04	1848	1925	1853	S10	W50	.791	10232	1.0	37	-N	2	C	1853	.52	.80			
SACP	04	1850	1910	1852	S11	W50	.794	10232	1.0	20	-N		C		.63	.82			
BOUL	04	1851E	1909D	1853	S09	W48	.768	10232	1.2	18D	-B		V						
622 SACP	04	2015	2025	2018	N09	W46	.715	10243	1.4	10	--F		C		.31	.37			3
GRP24624	04	2331	2348	2336	S11	W54	.833	10232	31.9	17	1N				1.21				3 3 3 3
CULG	04	2329	2352	2335	S09	W53	.818	10232	1.0	23	1N		C	2335	1.39	2.57			
HALE	04	2332	2335D		S11	W54	.833	10232	31.9	3D	1N	2	P	2335	1.13	2.10			
HOUT	04	2332	2343	2336	S12	W54	.835	10232	31.9	11	-F		C		1.10	2.00			
	04	2359	0001	NO FLARE PATROL															
	04	2359	0001	NO FLARE PATROL															
GRP24626	05	0145	0159	0147	S11	W54	.833	10232	1.0	14	-N				.83				2 2 2 5
MANI	05	0145	0158		S10	W53	.821	10232	1.1	13	-F	2		0147	.52	.88			
HALE	05	0145	0200	0147	S11	W55	.842	10232	31.9	15	1B	1	C	0147	1.13	2.10			J
GRP24628	05	0341	0411	0343	S10	W57	.857	10232	31.9	30	--F				.41				2 2 2 5
HALE	05	0341	0411	0343	S10	W56	.848	10232	1.0	30	-N	1	C	0343	.41	.80			JK
MANI	05	0343E	0357D		S10	W57	.857	10232	31.9	14D	-F	2		0344	.41	.74			

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	DATE	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
	1969 AUG																		
GRP24629	05	0715	0753	0733	S05	W55	.829	10232	1.2	38	--N				.50				4 3 2 13
BUCA	05	0710E	0755		S04	W55	.827	10232	1.2	45D	-F		C	0730	.65	1.10			
ISTA	05	0715	0750		S06	W54	.821	10232	1.3	35	-F								
CATA	05	0720	0740D	0725	S06	W55	.831	10232	1.2	20D	-B			0725	.34	.62		240	
ARCE	05	0735	0755	0741	S05	W60	.874	10232	31.8	20	-N		C	0741	.77	1.50			
GRP24630	05	0942	1005	0945	S10	W58	.866	10232	1.1	23	-N				.76				7 7 5 10
MONT	05	0939	0957	0943	S11	W61	.891	10232	31.8	18	-N		C	0943	.46				
ZURI	05	0940	1002	0946	S11	W58	.868	10232	1.1	22	1N		C	0946	1.13	2.30			
CATA	05	0940E	1010D	0940	S11	W57	.859	10232	1.1	30D	-B			0940	.75	1.51		229	
ONDR	05	0942E	1004		S11	W57	.859	10232	1.1	22D	1F		V	0944			2.30		CHJ
BUCA	05	0942E	1030D	0944	S10	W57	.857	10232	1.1	48D	-N		C	0944	.98	1.90			
HURB	05	0944E	1000		S09	W60	.880	10232	31.9	16D	1N						1.80		
CANR	05	0945	0954	0948	S09	W59	.872	10232	1.0	9	-N		C		.50	1.00			
GRP24636	05	1301	1329	1307	N18	E52	.789	10253	9.4	28	-N				1.39				8 8 5 11
ZURI	05	1258	1318D	1308	N15	E52	.786	10253	9.4	20D	-N		C	1308	1.03	1.70			
MCMA	05	1259	1350	1301	N22	E52	.795	10253	9.4	51	-B		C	1301	.41	.70			E
ONDR	05	1300E	1315D		N18	E50	.768	10253	9.3	15D	1F		V	1302			2.10		C
CAPE	05	1300	1335	1310	N20	E53	.801	10253	9.5	35	-F		C	1310	.92	1.50			F
CANR	05	1301	1319	1306	N19	E52	.790	10253	9.4	18	-N		C		1.00	1.70			
HURB	05	1305E	1337		N19	E51	.780	10253	9.4	32D	1B						2.30		
KIEV	05	1306	1314	1308	N16	E52	.787	10253	9.4	8	1F		C	1308	3.61			55	EI
BOUL	05	1307E	1345D	1308	N17	E50	.767	10253	9.3	38D	-B		V						
GRP24637	05	1315	1357	1322	N21	E52	.793	10253	9.5	42	-B				1.16				2 2 2 11
CATA	05	1315E	1350D	1320	N18	E52	.789	10253	9.5	35D	1B	8		1320	1.27	2.12		219	B
SACP	05	1323E	1357	1323	N23	E52	.796	10253	9.5	34D	-N	8	C		1.05	1.37			
GRP24638	05	1321	1350	1326	S10	W61	.890	10232	1.0	29	-N				1.26				7 7 5 11
HUAN	05	1302	1450D	1325	S10	W60	.882	10232	1.0	108D	-N	2	C	1302	.62	.95			E
MCMA	05	1318	1345	1325	S10	W66	.925	10232	31.6	27	-N		C	1325	.52	1.20			E
MONT	05	1321E	1354	1326	S10	W61	.890	10232	1.0	33D	1N		C	1326	3.40				
BOUL	05	1321E	1354D	1325	S08	W61	.886	10232	1.0	33D	-N		V						
CANR	05	1323	1338	1327	S09	W60	.880	10232	1.1	15	-N		C		.90	1.80			
SACP	05	1323E	1404	1325	S11	W60	.884	10232	1.1	41D	-F		C		.84	1.30			
HURB	05	1326E	1344		S09	W61	.888	10232	1.0	18D	1N						2.00		
HURB	05	1435E	1447D		S09	W60	.880	10232	1.1	12D	1F						1.90		
GRP24640	05	1538	1610	1540	S10	W63	.905	10232	31.9	32	-N				.23				4 4 2 9
HUAN	05	1520E	1615D		S10	W62	.897	10232	1.0	55D	-F	2	C	1548	.25	.40			D
BOUL	05	1538E	1547D	1538	S09	W61	.888	10232	1.1	9D	-N		S						
MCMA	05	1538	1557	1541	S10	W67	.931	10232	31.6	19	-N		C	1541	.21	.50			D
ONDR	05	1541E	1618		S09	W62	.896	10232	1.0	37D	1N		V	1541			2.30		CHJK
GRP24641	05	1542	1613	(1600)	S08	W60	.879	10232	1.2	31	1B				5.88				2 2 1 9
HURB	05	1542E	1604		S08	W60	.879	10232	1.2	22D	-B						2.00		E
LOCA	05	1600E	1622D		S08	W59	.870	10232	1.2	22D	2N		V	1600	5.88	11.40			
GRP24642	05	1634	1656	1636	S10	W63	.905	10232	1.0	22	-N				.46				5 4 2 9
HUAN	05	1630E	1705D		S10	W62	.897	10232	1.0	35D	-F	2	C	1653	.37	.59			
MCMA	05	1633	1655	1636	S10	W68	.937	10232	31.6	22	-N		C	1636	.41	1.00			E
ONDR	05	1634	1712		S10	W60	.882	10232	1.2	38	-N		V	1636			2.00		CHJ
CANR	05	1635	1643	1635	S10	W63	.905	10232	1.0	8	-N		C		.50	1.10			
BOUL	05	1635	1655	1636	S08	W60	.879	10232	1.2	20	-N		V						
GRP24643	05	1651	1659	1654	S12	E02	.312	10242	5.9	8	--N				.47				2 2 2 7
SACP	05	1650	1700	1654	S11	E04	.301	10242	6.0	10	-N		C		.63	.62			
MCMA	05	1652	1657	1654	S13	W01	.327	10242	5.6	5	-N		C	1654	.31	.30			D
GRP24644	05	1712	1725	1720	S24	E18	.571	10250	7.1	13	--N				.38				3 3 3 8
HALE	05	1700	1728	1701	S22	E16	.532	10250	6.9	28	-F	2	C	1701	.10	.10			H
SACP	05	1710	1725	1720	S24	E19	.578	10250	7.1	15	-N		C		.32	.34			
HALE	05	1710	1743	1720	S24	E17	.564	10250	7.0	33	-N	2	C	1720	.52	.60			HJ
MCMA	05	1717	1722	1719	S24	E18	.571	10250	7.1	5	-F		C	1719	.31	.40			D
GRP24645	05	1814	1833	1816	S10	W64	.912	10232	1.0	19	--F				.58				3 3 3 5
HUAN	05	1720E	1945D		S10	W61	.890	10232	1.1	145D	-F	2	C	1816	.62	1.00			D
MCMA	05	1813	1845	1815	S10	W68	.937	10232	31.7	32	-F		C	1815	.41	1.00			E
CANR	05	1815	1821	1817	S10	W63	.905	10232	1.0	6	-N		C		.70	1.50			
GRP24646	05	1847	1859	1849	S10	W64	.912	10232	1.0	12	-B				.92				4 4 3 5
HALE	05	1813	1910	1848	S10	W62	.897	10232	1.1	57	1B	1	C	1848	1.55	3.50			JKT
MCMA	05	1846	1855	1849	S10	W68	.937	10232	31.7	9	-N		C	1849	.52	1.20			
BOUL	05	1846	1859	1849	S08	W62	.894	10232	1.1	13	-B		V						
CANR	05	1848	1853	1850	S10	W63	.905	10232	1.1	5	-N		C		.70	1.50			

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OBSERV-ATORY	OBSERVED UT				LOCATION					DURA-TION	IM-POR-TANCE	OBS.		MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME — UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
	1969 AUG																		
GRP24650	05	2135	2149	2137	N20	E48	.750	10253	9.5	14	--N				.56				3 3 2 4
HALE	05	2134	2153	2136	N22	E47	.744	10253	9.4	19	-B	2	C	2136	.21	.30			
HOUT	05	2135	2142	2137	N21	E48	.752	10253	9.5	7	-N		C		.90	1.40			
BOUL	05	2137E	2152D	2139	N18	E48	.746	10253	9.5	15D	-N		V						
652 HALE	05	2321	2328	2323	S17	W04	.397	10242	5.7	7	--N	2	C	2323	.41	.50			3
	05	2358	0001	NO FLARE PATROL															
	05	2358	0001	NO FLARE PATROL															
GRP24653	06	0046	0110	0049	S21	E05	.463	10250	6.4	24	--F				.26				2 1 1 4
HALE	06	0046	0110	0049	S21	E05	.463	10250	6.4	24	-F	2	C	0049	.26	.30			KH
SACP	06	0056U	0108D	0100	S22	E05	.478	10250	6.4	12D	-F		C		.42	.43			
654 HALE	06	0201	0255	0209	N11	W54	.804	10243	2.0	54	--F	2	C	0209	.21	.30			2
12 STATIONS REPORTING GROUP 24656. 0 STATIONS OBSERVING AND NOT REPORTING.																			
GRP24656	06	0639	0737	0649	N09	E02	.061	10241	6.4	58	-N				1.45				7 7 5 10
CATA	06	0630E	0730D	0650	N10	E02	.076	10241	6.4	60D	-B			0650	1.16	1.16		407	
CULG	06	0631	0653D	0648	N10	E01	.070	10241	6.3	22D	1N		P	0648	2.17	2.10			
CAPS	06	0640E	0738D		N08	E03	.062	10241	6.5	58D	-B		V	0649	.80	.80		256	
ISTA	06	0642	0757	0648	N09	E02	.061	10241	6.4	75	-N								
ONDR	06	0644	0743	0649	N08	E01	.037	10241	6.4	59	1N		V	0649			2.60		CR
BUCA	06	0644E	0732		N10	E02	.076	10241	6.4	48D	-N		C	0654	1.64	1.60			
CRON	06	0645	0720	0649	N09	E01	.053	10241	6.4	35	-N		C		1.50	1.50			EK
CRON	06	0645	0720	0655	N09	E01	.053	10241	6.4	35	-N		C						
24656	06	0641	0758	0705	N09	E00	.050	10241	6.3	77	*1N				3.34				5 4 3 11
MONT	06	0641	0758	0704	N09	E01	.053	10241	6.4	77	1B		C	0704	5.16				
HURB	06	0647E	0737		N06	W01	.017	10241	6.2	50D	1B						2.60		
CRIM	06	0658E	0819D		N09	E01	.053	10241	6.4	81D	1F		P	0658	2.70	2.70			E
MITK	06	0700E	0725D	0706	N10	E00	.068	10241	6.3	25D	1N		C	0706	2.17	2.20			E
AROS	06	0738E	0755D		N10	E01	.070	10241	6.4	17D	-N		P	0738	1.24	1.20			
GRP24660	06	0914	0948	0926	S17	W12	.438	10242	5.5	34	-N				1.16				4 4 4 10
CATA	06	0910E	1010	0925	S16	W11	.417	10242	5.6	60D	-B			0925	1.04	1.15		257	
MEUD	06	0912	0945		S16	W13	.432	10242	5.4	33	-F		C	0933	.62	.70			E
MONT	06	0916	0956	0933	S17	W12	.438	10242	5.5	40	-N		C	0933	2.06				
ZURI	06	0919	0922	0921	S17	W12	.438	10242	5.5	3	-N		C	0921	.93	1.00			
GRP24663	06	1120	1129	1122	S05	W76	.973	10232	31.8	9	-N				1.17				4 4 3 10
MEUD	06	1120	1125	1121	S06	W78	.981	10232	31.6	5	-N		C	1121	.41				
MONT	06	1120	1129	1122	S05	W73	.960	10232	1.0	9	-N		C	1122	2.06				
ZURI	06	1120	1128	1123	S05	W78	.980	10232	31.6	8	-N		C	1123	1.03				
HURB	06	1123E	1135		S05	W76	.973	10232	31.8	12D	1N						1.90		
GRP24666	06	1715	1722	1717	S07	W81	.990	10232	31.6	7	--F				.31				3 2 1 9
MEUD	06	1715	1717	1716	S06	W81	.990	10232	31.6	2	-F		C	1716	.31				D
BOUL	06	1716E	1727	1717	S07	W80	.987	10232	31.7	11D	-N		V						
HUAN	06	1726E	1905D		S07	W80	.987	10232	31.7	99D	-F	2	C	1824	.62				D
GRP24667	06	2018	2042	2025	S12	W18	.430	10242	5.5	24	-N				.88				5 4 4 6
HOUT	06	2017	2030	2019	S12	W17	.419	10242	5.6	13	-N		C		1.10	1.20			E
HALE	06	2018	2050	2020	S11	W18	.419	10242	5.5	32	-N	2	C	2020	.93	1.00			
HUAN	06	2018	2035D	2020	S11	W18	.419	10242	5.5	17D	-N	2	C	2020	.88	.88			E
MCMA	06	2019E	2051		S12	W18	.430	10242	5.5	32D	-N		C	2024	.62	.70			E
SACP	06	2031E	2050U	2039U	S12	W18	.430	10242	5.5	19D	-F		C		.84	.84			
GRP24668	06	2022	2108	2027	N06	W68	.924	10248	1.7	46	--F				.61				3 2 2 6
HUAN	06	2020	2153D		N05	W68	.925	10248	1.7	93D	-F	1	C	2131	.37				D
HALE	06	2022	2130	2030	N05	W67	.918	10248	1.8	68	-F	2	P	2030	.62				
HOUT	06	2022	2045	2024	N07	W69	.930	10248	1.7	23	-F		C		.60	1.30			
GRP24669	06	2345	2358	2352	N08	W08	.142	10241	6.4	13	--F				.34				2 2 2 5
HALE	06	2345	2358D	2353	N08	W08	.142	10241	6.4	13D	-F	2	P	2353	.36	.40			
SACP	06	2347U	2356D	2351U	N08	W07	.125	10241	6.5	9D	-F		C		.31	.31			
GRP24670	07	0037	0053	0040	N18	E52	.788	10244	10.9	16	--F				.32				2 1 1 5
SACP	07	0037	0053	0040U	N18	E52	.788	10244	10.9	16	-F		C		.32	.40			
MANI	07	0039E	0052		N04	E52	.786	10244	10.9	13D	-F	1		0042	.26	.41			
GRP24672	07	0812	0820	0814	S06	W90	1.000	10232	31.6	8	-N				.45				3 3 3 16
ARCE	07	0810	0821	0813	S05	W90	1.000	10232	31.6	11	1B		C	0813	.87	4.90			
MEUD	07	0811	0817	0813	S06	W90	1.000	10232	31.6	6	-F		C	0813	.21				D
MONT	07	0815	0822	0816	S06	W90	1.000	10232	31.6	7	-N		C	0816	.26				

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OBSERV-ATORY	OBSERVED UT				LOCATION					DURATION	IMPORTANCE	OBS.		MEASUREMENTS					REMARKS
	DATE 1969 AUG	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
16 STATIONS REPORTING GROUP 24673. 1 STATIONS OBSERVING AND NOT REPORTING.																			
GRP24673	07	0903	0952	0911	N21	E28	.513	10253	9.5	49	1N				5.79				13 13 12 14
LOCA	07	0900	1020	0910	N23	E27	.515	10253	9.4	80	2N		V	0910	5.67	6.70			
ARCE	07	0900	1004	0912	N22	E28	.520	10253	9.5	64	2N		C	0912	7.60	8.80			F
MEUD	07	0901	0945	0912	N21	E28	.513	10253	9.5	44	2N		C	0912	4.95	5.60			F
CAPS	07	0902E	1037		N19	E27	.488	10253	9.4	95D	1B		P	0906	4.00	4.80		204	CU
KIEV	07	0903	1000	0910	N20	E28	.507	10253	9.5	57	2N		C	0910	10.31	11.50		65	EI
WEND	07	0903	0945D		N20	E29	.520	10253	9.6	42D	2N		P		12.38				
CRON	07	0904	0930	0907U	N22	E28	.520	10253	9.5	26	1B		C		3.90	4.70			
UCGL	07	0906E	0919D		N18	E26	.469	10253	9.3	13D	1N		P	0906	3.09	4.80			BE
HURB	07	0906	0942		N17	E26	.464	10253	9.3	36	1N						2.20		
HTPR	07	0907E	1012D		N23	E28	.527	10253	9.5	65D	1N		C	0907	6.19	7.30			BU
CAPF	07	0908E	0920D		N22	E28	.520	10253	9.5	12D	2N		P	0911	4.33	5.25			
CANR	07	0910E	0927	0911U	N22	E29	.532	10253	9.6	17D	1B		C		3.40	4.10			E
CATA	07	0915E	0925D	0915	N23	E28	.527	10253	9.5	10D	1B			0915	3.71	4.33		376	
24673	07	0918	1003	0924	N21	E28	.513	10253	9.5	45	*1N				4.88				3 3 3 17
ZURI	07	0918	0952	0926	N21	E28	.513	10253	9.5	34	2N		C	0926	8.77	10.20			
MONT	07	0919E	1007	0921	N21	E28	.513	10253	9.5	48D	1B		C	0921	4.54				
AROS	07	0926E	1010D		N21	E27	.501	10253	9.4	44D	-N		P	0926	1.34	1.50			
GRP24674	07	0926	0937	0929	S09	W89	1.000	10232	31.7	11	1N				.69				5 4 3 14
BUCA	07	0832E	0945D		S12	W85	.998	10232	1.0	73D	-F	8	C	0915	.07				
MONT	07	0926	0940	0929	S10	W87	.999	10232	31.9	14	-N	8	C	0929	.77				
ARCE	07	0926	0939	0930	S08	W90	1.000	10232	31.6	13	2F	8	C	0930	1.00	5.60			H
MEUD	07	0927	0933	0928	S10	W90	1.000	10232	31.6	6	-N	8	C	0928	.31				D
HURB	07	0929E	0935		S08	W90	1.000	10232	31.6	6D	-B	8					2.30		
GRP24679	07	1435	1446	1438	S12	W24	.500	10242	5.8	11	--F				.52				4 4 3 10
BOUL	07	1428E	1445D		S16	W33	.636	10242	5.1	17D	-F		V						
HTPR	07	1437	1448	1438	S12	W23	.488	10242	5.9	11	-N		C	1438	.41	.40			E
MEUD	07	1437	1442	1439	S11	W21	.455	10242	6.0	5	-F		C	1439	.52	.60			E
SACP	07	1437	1447	1438U	S11	W21	.455	10242	6.0	10	-F		C		.63	.64			
BOUL	07	1438E	1447D	1438	S15	W27	.561	10242	5.6	9D	-F		S						
GRP24681	07	1632	1651	1634	S23	W16	.546	10250	6.5	19	--F				.32				3 3 3 12
HUAN	07	1632	1650	1635	S24	W17	.565	10250	6.4	18	-F	2	C	1635	.37	.39			D
HALE	07	1632	1705	1633	S21	W15	.514	10250	6.6	33	-F	2	C	1633	.26	.30			H
SANM	07	1632	1637	1634	S23	W17	.553	10250	6.4	5	-F	2	C		.32	.38			D
GRP24682	07	1700	1716	1702	S22	W14	.520	10250	6.7	16	--F				.19				3 3 2 11
HALE	07	1700	1723	1702	S21	W14	.507	10250	6.7	23	-F	2	C	1702	.21	.20			
HUAN	07	1700	1710		S23	W15	.540	10250	6.6	10	-F	2	C	1708	.17	.17			D
BOUL	07	1701	1715D	1702	S22	W12	.508	10250	6.8	14D	-F		V						
GRP24684	07	1747	1802	1752	S11	W13	.367	10244	6.8	15	--F				.51				3 3 2 6
HUAN	07	1745	1805		S12	W14	.389	10244	6.7	20	-F	2	C	1753	.37	.37			E
SANM	07	1746	1802	1751	S11	W13	.367	10244	6.8	16	-F	2	C		.65	.70			E
BOUL	07	1751	1759	1752	S10	W11	.334	10244	6.9	8	-N		V						
GRP24685	07	1815	1902	1830	S08	W18	.389	10244	6.4	47	--F				.21				2 1 1 4
HUAN	07	1815	1902D		S08	W18	.389	10244	6.4	47D	-F	2	C	1819	.21	.21			E
HALE	07	1818	1932	1830	S09	W16	.375	10244	6.6	74	-F	2	C	1830	.46	.50			F
687 HUAN	07	1920	1929	1927	S24	W18	.572	10250	6.5	9	--F	2	C	1927	.21	.22			D 3
GRP24697	08	0252	0306	0300	S23	W21	.584	10250	6.5	14	--F				.47				2 2 2 7
HALE	08	0245	0306	0259	S22	W21	.573	10250	6.5	21	-N	2	C	0259	.41	.50			
MITK	08	0259	0305	0301	S24	W21	.595	10250	6.5	6	-F		C	0301	.52	.60			D
GRP24698	08	0309	0345	0317	N10	W24	.407	10241	6.3	36	-N				1.66				4 4 4 6
CULG	08	0304	0344	0318	N11	W24	.410	10241	6.3	40	1N		C	0318	2.48	2.64			L
HALE	08	0309	0355	0317	N11	W23	.394	10241	6.4	46	-N	2	C	0317	.77	.80			F
MITK	08	0310	0349D	0321	N08	W23	.389	10241	6.4	39D	-N		C	0321	1.24	1.30			E
SIBE	08	0312	0330	0313	N09	W24	.406	10241	6.3	18	1F		C	0313	2.15	2.40		58	E
GRP24701	08	0726	0734	0729	N13	W90	1.000	10243	1.6	8	-N				.44				3 3 2 14
MITK	08	0725	0736D	0730	N12	W90	1.000	10243	1.6	11D	1F		C	0730	.62				D
ARCE	08	0726	0733	0728	N15	W90	1.000	10243	1.6	7	-N		C	0728	.26	1.50			
ISTA	08	0729E	0734		N13	W90	1.000	10243	1.6	5D	-N								
GRP24705	08	1458	1507	1459	N16	E17	.331	10253	9.9	9	--N				.73				6 6 6 12
MCMA	08	1457	1509	1458	N16	E16	.317	10253	9.8	12	-N	8	C	1458	.36	.40			E
LOCA	08	1458	1510	1500	N16	E16	.317	10253	9.8	12	-N	8	V	1500	.85	.90			
MEUD	08	1458	1503	1458	N17	E17	.339	10253	9.9	5	-F	8	C	1458	.52	.50			E
SACP	08	1458	1505	1459	N16	E17	.331	10253	9.9	7	-N	8	C		.63	.62			
CANR	08	1458	1508	1500	N15	E16	.309	10253	9.8	10	-N	8	C		1.20	1.30			
ZURI	08	1458	1507	1458	N15	E17	.323	10253	9.9	9	-N	8	C	1458	.83	.90			

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION	IMPORTANCE	OBS.		MEASUREMENTS					REMARKS
	DATE 1969 AUG	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
GRP24707	08	1500	1518	1505	S12	W24	.501	10244	6.8	18	--N				.36				4 3 3 11
MCMA	08	1459	1525	1504	S12	W25	.513	10244	6.7	26	-N		C	1504	.31	.40			D
HUAN	08	1459	1532		S12	W25	.513	10244	6.7	33	-F	2	C	1516	.17	.17			D
MEUD	08	1500	1516	1505	S12	W24	.501	10244	6.8	16	-F		C	1505	.36	.40			
SACP	08	1501	1514	1505	S13	W24	.510	10244	6.8	13	-N		C		.42	.44			
GRP24710	08	2046	2055	2049	S15	E79	.988	10262	14.8	9	-N				.44				4 4 3 5
SACP	08	2046	2054	2048	S15	E77	.982	10262	14.6	8	-N		C		.42				
HALE	08	2046	2057	2048	S13	E74	.970	10262	14.4	11	-B	2	C	2048	.41				
MCMA	08	2047	2054	2048	S13	E85	.998	10262	15.2	7	-N		C	2048					D
BOUL	08	2048E	2056D	2048	S20	E80	.992	10262	14.9	8D	-N		S						
BOUL	08	2050E	2054	2050E	S17	E80	.991	10262	14.9	4D	-N		C		.50	1.70			
GRP24711	08	2323	2335	2326	S22	W32	.672	10250	6.6	12	-B				.85				2 2 1 4
SACP	08	2323	2334	2326	S22	W32	.672	10250	6.6	11	-N		C		.85	.97			
BOUL	08	2324E	2336	2325	S22	W31	.662	10250	6.6	12D	-B		V						
GRP24716	09	0519	0551	0524	S15	E73	.968	10262	14.7	32	1F				2.06				5 4 4 6
CULG	09	0518	0555	0524	S14	E72	.962	10262	14.6	37	1N		C	0534	2.06				
CULG	09	0518	0555	0524	S14	E72	.962	10262	14.6	37	1N		C	0524	1.65				HJTW
CRON	09	0520	0537	0523	S17	E69	.951	10262	14.4	17	1N		C		.80	2.20			H
TACH	09	0520	0600	0526	S15	E74	.972	10262	14.8	40	2F		C	0526	2.58			84	E
TACH	09	0520	0600	0541	S15	E74	.972	10262	14.8	40	2F		C						
HTPR	09	0528E	0550		S15	E75	.975	10262	14.9	22D	2F		C	0528	2.78				B
ISTA	09	0555E	0630		S15	E72	.963	10262	14.6	35D	-N								
GRP24718	09	0659	0712	0659	S21	W32	.664	10250	6.9	13	--F				.85				4 4 3 10
ISTA	09	0658	0707D		S21	W30	.645	10250	7.0	9D	-N								
HTPR	09	0659	0712	0659	S22	W32	.672	10250	6.9	13	-N		C	0659	.52	.70			E
MEUD	09	0700	0710		S21	W32	.664	10250	6.9	10	-F		C	0705	.36	.50			
BUCA	09	0700E	0715D		S20	W34	.676	10250	6.7	15D	1F		C	0705	1.66	2.20			
GRP24723	09	1258	1319	1306	N09	W43	.678	10241	6.3	21	--F				.94				4 3 2 13
HTPR	09	1256	1307	1301	N08	W42	.665	10241	6.4	11	-F		C	1301	.83	1.10			E
CATA	09	1300	1340	1310	N12	W41	.654	10241	6.5	40	-N			1310	1.04	1.40		174	
HURB	09	1301E	1310		N08	W45	.703	10241	6.2	9D	1F						1.50		
BOUL	09	1324E	1326D	1326	N10	W48	.739	10241	6.0	2D	-N		V						
GRP24724	09	1328	1345	1331	S11	W55	.842	10242	5.4	17	--N				.52				4 4 3 13
SACP	09	1328	1342	1330	S11	W55	.842	10242	5.4	14	-N		C		.63	.90			
MCMA	09	1328	1358	1331	S12	W57	.862	10242	5.3	30	-N		C	1331	.62	1.20			E
MEUD	09	1328	1336	1330	S11	W55	.842	10242	5.4	8	-F		C	1330	.31	.50			
BOUL	09	1329	1342	1331	S11	W54	.833	10242	5.5	13	-N		V						
GRP24726	09	1359	1411	1401	N16	E21	.387	10253	11.2	12	--F				.52				3 3 3 12
SACP	09	1359	1405	1402	N19	E20	.395	10253	11.1	6	-F		C		.53	.53			
MCMA	09	1359	1409	1401	N12	E22	.382	10253	11.2	10	-N		C	1401	.31	.30			E
ZURI	09	1400	1418	1400	N17	E20	.379	10253	11.1	18	-F		C	1400	.72	.80			
GRP24732	09	1706	1719	1709	S13	W40	.697	10244	6.7	13	--N				.45				4 4 3 7
HUAN	09	1705	1720		S12	W39	.680	10244	6.8	15	-F	2	C	1707	.25	.29			D
BOUL	09	1706	1721	1709	S13	W43	.730	10244	6.5	15	-N		V						
MCMA	09	1706	1718	1711	S12	W40	.692	10244	6.7	12	-N		C	1711	.26	.40			D
SACP	09	1706	1718	1708	S13	W39	.686	10244	6.8	12	-N		C		.85	.98			
GRP24733	09	1938	1946	1940	S22	W40	.747	10250	6.8	8	--N				.50				2 2 2 4
SACP	09	1937	1945	1940	S22	W39	.738	10250	6.9	8	-N		C		.63	.77			
HUAN	09	1938	1946	1939	S21	W40	.741	10250	6.8	8	-N	2	C	1939	.37	.35			E
GRP24742	10	1058	1123	1107	S21	W48	.814	10250	6.9	25	-N				.96				4 4 4 8
CAPS	10	1055	1130		S20	W45	.783	10250	7.1	35	-N		V	1105	.80	1.00		175	
CANR	10	1057	1115	1103	S20	W49	.818	10250	6.8	18	-N		C		1.20	2.00			IL
AROS	10	1100E	1115D		S22	W51	.843	10250	6.6	15D	-N		P	1100	1.03	1.50			
CATA	10	1100	1130	1110	S20	W48	.810	10250	6.9	30	-B			1110	.80	1.41		214	
GRP24743	10	1147	1154	1149	S21	W47	.805	10250	7.0	7	--N				.55				6 5 5 7
CATA	10	1145	1155	1150	S17	W47	.788	10250	7.0	10	-B			1150	.34	.58		214	
ABST	10	1146E	1153D	1148	S22	W47	.810	10250	7.0	7D	-F		C	1148	.90	1.50		54	D
CAPE	10	1147	1156	1148	S21	W47	.805	10250	7.0	9	-N		C	1148	.78	1.30			HT
MCMA	10	1147	1153	1148	S23	W50	.839	10250	6.7	6	-N		C	1148	.31	.50			D
CANR	10	1147	1154	1149	S18	W37	.693	10250	7.7	7	-N		C		.80	1.30			IL
CAPS	10	1148	1155		S21	W46	.796	10250	7.0	7	-N		V	1151	.40	.50		190	DH

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	DATE 1969	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
	AUG																		
GRP24745	10	1338	1348	1341	S20	W52	.844	10250	6.7	10	-N				.75				6 6 5 8
MCMA	10	1337	1350	1341	S23	W54	.869	10250	6.5	13	-N		C	1341	.62	1.00			E
CAPE	10	1337	1346	1340	S21	W51	.839	10250	6.7	9	-N		C	1340	.97	1.80			
CANR	10	1339	1347	1342	S19	W49	.814	10250	6.9	8	-N		C		.90	1.50			I
SANM	10	1339	1346	1340	S19	W51	.832	10250	6.7	7	-N	2	C		.65	1.19			E
CATA	10	1340	1350	1340	S18	W50	.819	10250	6.8	10	-B			1340	.63	1.14		288	
BOUL	10	1342E	1346	1342	S20	W54	.860	10250	6.5	4D	-N		S						
GRP24746	10	1420	1432	1424	S21	W49	.822	10250	6.9	12	-B				.85				8 8 7 8
HUAN	10	1410	1427		S22	W49	.826	10250	6.9	17	-N	1	C	1424	.50	.58			D
SACP	10	1418	1428	1423	S21	W46	.796	10250	7.1	10	-N		C		.94	1.23			
BOUL	10	1420	1428	1423	S20	W53	.852	10250	6.6	8	-B		V						
MCMA	10	1421	1428	1424	S23	W51	.846	10250	6.8	7	-B		C	1424	1.03	1.80			EH
HOUT	10	1421	1425D	1423	S21	W49	.822	10250	6.9	4D	-N		C		.80	1.00			
CANR	10	1422	1428	1425	S22	W46	.801	10250	7.1	6	-B		C		1.00	1.60			HI
CAPE	10	1422	1427	1424	S21	W48	.814	10250	7.0	5	-N		C	1424	1.21	2.00			
CATA	10	1425	1455	1425	S18	W49	.810	10250	6.9	30	-B			1425	.46	.79		436	
GRP24750	10	1925	1943	1930	S21	W51	.839	10250	7.0	18	--N				.40				4 4 3 6
HUAN	10	1917	1938		S21	W52	.847	10250	6.9	21	-F	1	C	1927	.17	.24			E
BOUL	10	1926	1953	1929	S19	W51	.832	10250	7.0	27	-N		V						
MCMA	10	1928E	1940D		S24	W50	.843	10250	7.1	12D	-N		C	1928	.52	.90			E
HALE	10	1928	1942	1931	S19	W52	.840	10250	6.9	14	-N	2	C	1931	.52	.90			FJ
HALE	10	1953	2001D	1954	S18	W50	.819	10250	7.1	8D	-N	2	P	1954	.31	.50			J
GRP24753	10	2041	2105	2043	N17	E14	.298	10258	11.9	24	--B				.78				4 4 3 5
SACP	10	2041	2055	2043	N18	E14	.308	10258	11.9	14	-N		C		1.14	1.13			
HUAN	10	2041	2104		N17	E13	.285	10258	11.8	23	-N	1	C	2043	.37	.37			E
BOUL	10	2042E	2100D	2043	N15	E15	.294	10258	12.0	18D	-B		S						
MCMA	10	2045E	2120		N18	E14	.308	10258	11.9	35D	-B		C	2045	.83	.90			E
756 SACP	10	2219	2232	2225	N05	W53	.796	10241	7.0	13	--N		C		.21	.27			3
GRP24757	10	2241	2308	2247	N07	W71	.942	10241	5.6	27	-B				.78				2 2 2 3
SACP	10	2241	2306	2245U	N05	W72	.949	10241	5.5	25	-N		P		.53	1.05			
CULG	10	2241	2309	2249	N08	W70	.936	10241	5.7	28	1B		C	2249	1.03				RU
758 CULG	10	2304	2324	2310	S19	W57	.880	10250	6.7	20	1F		C	2310	1.03	2.10			3
	10	2355	0000	NO FLARE PATROL															
	10	2355	0000	NO FLARE PATROL															
761 CULG	11	0202	0226	0209	N13	W69	.928	10241	5.9	24	1F		C	0209	.72				3
GRP24763	11	0631	0639	0632	S22	W58	.895	10250	6.9	8	--N				.31				3 3 2 7
ISTA	11	0631	0638	0632	S23	W60	.910	10250	6.8	7	-N								
MANI	11	0633E	0639D		S22	W55	.874	10250	7.1	6D	-F	2		0634	.31	.58			
CAPS	11	0635E	0637D		S22	W60	.908	10250	6.8	2D	-N		V	0636	.30	.60		180	CD
GRP24765	11	0700	0723	0701	S31	W16	.649	10261	10.1	23	-N				.86				7 7 4 11
ABST	11	0653E	0830D	0658	S31	W15	.644	10261	10.2	97D	-N		C	0658	1.35	1.80			EK
BUCA	11	0655E	0726D	0702	S30	W17	.642	10261	10.0	31D	-N		C	0702	1.10	1.40			
CATA	11	0700E	0725	0700	S31	W15	.644	10261	10.2	25D	-B			0700	.58	.76		339	Z
HURB	11	0702E	0735D		S30	W16	.636	10261	10.1	33D	1N						1.90		
ISTA	11	0702E	0716		S31	W17	.653	10261	10.0	14D	-N								
CAPS	11	0705E	0714D		S31	W18	.659	10261	9.9	9D	-N		V	0705				170	
MEUD	11	0706	0715		S31	W16	.649	10261	10.1	9	-F		C	0706	.41	.50			E
GRP24766	11	0709	0725	0712	S22	W55	.874	10250	7.2	16	-N				.45				3 3 3 12
CATA	11	0705E	0715	0710	S21	W55	.871	10250	7.2	10D	-B			0710	.23	.46		246	
MEUD	11	0713	0719	0714	S22	W55	.874	10250	7.2	6	-F		C	0714	.31	.60			D
CAPS	11	0714E	0740D		S22	W55	.874	10250	7.2	26D	-N		V	0715	.80	1.60		170	
GRP24767	11	0709	0737	0726	S20	W56	.875	10250	7.1	28	-N				.84				7 7 3 12
ISTA	11	0702E	0740		S20	W55	.868	10250	7.2	38D	-N								
HURB	11	0708E	0735D		S20	W58	.890	10250	6.9	27D	1N						1.90		
BUCA	11	0709E	0731D		S21	W55	.871	10250	7.2	22D	-N		P	0726	.55	1.10			
MEUD	11	0724	0734	0726	S22	W55	.874	10250	7.2	10	-N		C	0726	.31	.60			D
NERA	11	0724E	0726D		S18	W56	.869	10250	7.1	2D	1N	2							
CAPF	11	0725E	0743		S21	W55	.871	10250	7.2	18D	1N		C	0728	1.65	3.52			
ONDR	11	0725E	0733		S20	W56	.875	10250	7.1	8D	-F		V	0728			1.60		CDJ
7 STATIONS REPORTING GROUP 24768. 5 STATIONS OBSERVING AND NOT REPORTING.																			
GRP24768	11	0743	0756	0744	S30	W15	.632	10261	10.2	13	-N				1.03				5 5 4 12
ABST	11	0742E	0758D	0743	S31	W14	.639	10261	10.3	16D	-N	8	C	0743	1.35	1.70		66	E
CAPE	11	0743	0745D		S29	W15	.619	10261	10.2	2D	-N	8	P	0745	.92	1.20			
CRIM	11	0743E	0754D	0744	S29	W16	.624	10261	10.1	11D	-B	8	C	0744	.90	1.10			D
MEUD	11	0743	0751	0744	S30	W16	.636	10261	10.1	8	-N	8	C	0744	.93	1.10			
ISTA	11	0743	0759		S30	W14	.627	10261	10.3	16	-N	8							

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OBSERV-ATORY	OBSERVED UT				LOCATION					DURATION	IMPORTANCE	OBS.		MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
	1969 AUG																		
24768	11	0748	0804	(0755)	S30	W16	.636	10261	10.1	16	*-F				.80				2 2 1 17
HURB	11	0748E	0755		S30	W16	.636	10261	10.1	7D	-F	8					2.00		D
CAPS	11	0755E	0812D		S30	W15	.632	10261	10.2	17D	-N	8	V	0755	.80	1.00		170	
GRP24769	11	0748	0809	0756	S21	W57	.885	10250	7.1	21	-N				.96				9 8 6 17
CRIM	11	0747E	0804D		S21	W57	.885	10250	7.0	17D	-F		C	0753	.78	1.70			D
ISTA	11	0747E	0819		S21	W58	.892	10250	7.0	32D	-N								
CANR	11	0748	0807	0752	S22	W55	.874	10250	7.2	19	1N		C		1.70	3.20			
MEUD	11	0748	0758	0753	S22	W56	.881	10250	7.1	10	-N		C	0753	.52	1.00			E
HURB	11	0750E	0808		S20	W58	.890	10250	7.0	18D	1B						2.70		
ZURI	11	0752E	0814	0754	S20	W56	.875	10250	7.1	22D	-N		C	0754	.93	1.80			
AROS	11	0755E	0808D		S20	W58	.890	10250	7.0	13D	-N		P	0755	1.03				
CAPS	11	0755E	0814		S22	W57	.888	10250	7.1	19D	-N		V	0755	.80	1.60		170	E
KHAR	11	0756E	0810D	0805	S23	W58	.897	10250	7.0	14D	2F		P	0806	3.40	6.90			
GRP24770	11	0830	0846	0835	S29	W18	.635	10261	10.0	16	-N				1.05				8 8 6 16
ZURI	11	0829	0850	0834	S30	W18	.647	10261	10.0	21	-N	8	C	0834	1.03	2.10			
CRIM	11	0830E	0849D		S30	W18	.647	10261	10.0	19D	-F	8	C	0833	.63	.80			D
CATA	11	0830E	0845	0835	S21	W18	.539	10261	10.0	15D	-B	8		0835	.29	.38		240	Z
KHAR	11	0831E	0850D	0840	S32	W18	.670	10261	10.0	19D	1N	8	P	0840	2.84	3.90			
MEUD	11	0831	0836	0833	S31	W17	.653	10261	10.1	5	-F	8	C	0833	.41	.50			
ONDR	11	0834E	0852		S31	W18	.659	10261	10.0	18D	-N	8	V	0835			1.90		CE
HURB	11	0834E	0842		S29	W17	.630	10261	10.1	8D	1N	8					2.70		
CANR	11	0835E	0844	0835U	S31	W17	.653	10261	10.1	9D	-B	8	C		1.10	1.40			
GRP24772	11	0938	0959	0945	S22	W57	.888	10250	7.1	21	1B				1.75				11 11 9 13
ABST	11	0934E	0954D	0944	S23	W56	.884	10250	7.2	20D	2N		C	0944	2.70	5.90		90	EJ
MONT	11	0934E	1007	0944	S23	W58	.897	10250	7.0	33D	1B		C	0944	3.09				
ZURI	11	0935	0955	0945	S22	W56	.881	10250	7.2	20	-N		C	0945	1.24	1.60			
CAPS	11	0935E	1000D		S22	W56	.881	10250	7.2	25D	1B		V	0945	1.30	2.60		300	CJ
CANR	11	0938	0957	0943U	S23	W58	.897	10250	7.1	19	1B		C		1.40	2.80			I
MEUD	11	0940	0955	0945	S22	W57	.888	10250	7.1	15	1N		C	0945	1.44	3.00			
CAPE	11	0941	0956	0944	S21	W58	.892	10250	7.1	15	1B		C	0944	1.38	3.00			T
ONDR	11	0943E	1002		S20	W55	.868	10250	7.3	19D	1B		V	0945			5.10		CHJR
UCCL	11	0943	0956	0946	S20	W60	.903	10250	6.9	13	1N		C	0946	2.06				E
CRON	11	0945E	0950D	0945E	S22	W53	.859	10250	7.4	5D	1B		C		1.10	2.10			B
HURB	11	0948E	1000		S19	W63	.921	10250	6.7	12D	1B						3.80		
773 CAPS	11	0955E	1024D		S15	W59	.885	10250	7.0	29D	-F		V	1003	.80	1.60		157	10
GRP24774	11	1028	1040	1029	S21	W61	.912	10250	6.9	12	--N				.31				3 3 1 12
MEUD	11	1028	1035	1029	S22	W62	.921	10250	6.8	7	-F		C	1029	.31				D
ONDR	11	1029E	1040		S20	W60	.903	10250	6.9	11D	-N		V	1030			2.00		DJ
CAPS	11	1030E	1045D		S20	W60	.903	10250	6.9	15D	-B		V	1032				205	CJ
GRP24775	11	1212	1243	1223	S22	W60	.908	10250	7.0	31	1B				1.84				12 11 10 15
HURB	11	1203	1243		S20	W64	.929	10250	6.7	40	2B						8.20		H
ZURI	11	1207	1244	1220	S22	W60	.908	10250	7.0	37	1N		C	1220	1.75	3.60			
HTPR	11	1208	1245	1221	S22	W59	.902	10250	7.1	37	1B		C	1221	2.17	4.20			H
MONT	11	1209	1245	1222	S23	W60	.910	10250	7.0	36	1B		C	1222	3.09				H
MCMA	11	1210E	1240D	1220	S22	W60	.908	10250	7.0	30D	1B		C	1220	1.29	3.00			EH
HUAN	11	1210E	1243D	1220	S23	W60	.910	10250	7.0	33D	1B	1	C	1220	.88				E
MEUD	11	1215	1229D	1219	S22	W59	.902	10250	7.1	14D	-B		C	1219	.93	2.00			
CAPE	11	1216	1235	1220	S22	W62	.921	10250	6.9	19	1B		C	1220	1.75	4.10			HV
NERA	11	1217E	1223D	1220	S18	W67	.942	10250	6.5	6D	2B	2							
KIEV	11	1220	1300		S21	W62	.918	10250	6.9	40	1B		C	1220	3.61			75	DHI
CANR	11	1220E	1230	1225U	S23	W58	.897	10250	7.2	10D	1B		C		1.10	2.20			I
SACP	11	1239E	1250	1239U	S21	W58	.892	10250	7.2	11D	-N		P		.77	1.24			
GRP24776	11	1314	1331	1320	S22	W60	.908	10250	7.1	17	1N				1.39				9 9 8 13
HURB	11	1301	1331		S20	W64	.929	10250	6.7	30	2N						4.20		H
HUAN	11	1309	1330	1319	S23	W62	.923	10250	6.9	21	-N	1	C	1319	.62				E
SACP	11	1314	1326	1320	S21	W59	.899	10250	7.1	12	1N		C		1.37	2.19			
MCMA	11	1315	1330	1320	S22	W60	.908	10250	7.1	15	1N		C	1320	1.03	2.50			EH
HOUT	11	1315	1336	1323	S24	W59	.907	10250	7.1	21	1N		C		1.10	2.30			I
CAPE	11	1316	1330	1319	S20	W60	.903	10250	7.1	14	1N		C	1319	1.01	2.40			H
HTPR	11	1316	1328	1320	S22	W58	.895	10250	7.2	12	1N		C	1320	1.55	3.00			
MONT	11	1316	1330	1320	S23	W61	.917	10250	7.0	14	1B		C	1320	2.37				H
AROS	11	1320E	1338		S20	W61	.910	10250	7.0	18D	1B		P	1320	2.06				
GRP24777	11	1354	1407	1359	S22	W61	.914	10250	7.0	13	-N				.56				5 5 4 12
MCMA	11	1350	1406	1357	S22	W60	.908	10250	7.1	16	-N		C	1357	.62	1.50			EH
HUAN	11	1354	1410	1401	S23	W62	.923	10250	6.9	16	-F	2	C	1401	.37				D
SACP	11	1355	1405	1357	S21	W59	.899	10250	7.2	10	-N		C		.63	1.02			
HURB	11	1355E	1357D		S20	W64	.929	10250	6.8	2D	-B						2.70		
ZURI	11	1357	1406	1359	S22	W60	.908	10250	7.1	9	-N		C	1359	.62	1.40			

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OBSERVATORY	OBSERVED UT				LOCATION					DURATION	IMPORTANCE	OBS.		MEASUREMENTS					REMARKS
	DATE 1969 AUG	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
GRP24779	11	1449	1506	1459	S21	W60	.906	10250	7.1	17	-N				.60				7 7 7 8
HUAN	11	1443	1506	1503	S23	W62	.923	10250	7.0	23	-N	2	C	1503	.37				E
ZURI	11	1445	1503	1455	S22	W61	.914	10250	7.0	18	-N		C	1455	.62	1.40			
MCMA	11	1447	1507		S22	W61	.914	10250	7.0	20	-B		C	1459	.72	1.80			E
SACP	11	1449	1504	1455	S21	W59	.899	10250	7.2	15	-N		C		.53	.85			
HOUT	11	1455	1504	1459	S22	W59	.902	10250	7.2	9	-N		C		.50	1.10			I
CANR	11	1457	1507	1501	S21	W59	.899	10250	7.2	10	-N		C		.80	1.70			I
CATA	11	1500E	1510D	1500	S18	W60	.899	10250	7.1	10D	-B			1500	.69	1.59		407	
GRP24782	11	1608	1622	1610	S31	W22	.681	10261	10.0	14	--N				.74				5 5 4 8
HUAN	11	1606	1624	1609	S33	W23	.708	10261	9.9	18	-N	2	C	1609	.62	.71			E
BOUL	11	1609E	1620D	1610	S28	W23	.656	10261	9.9	11D	-N		V						
SACP	11	1609	1622U	1611	S31	W21	.675	10261	10.1	13D	-N		P		.63	.72			
MCMA	11	1609	1622	1610	S31	W20	.669	10261	10.2	13	-N		C	1610	.62	.90			E
CANR	11	1609	1620	1612	S31	W21	.675	10261	10.1	11	-N		C		1.10	1.50			
GRP24783	11	1622	1634	1627	S21	W63	.925	10250	7.0	12	-N				.85				4 4 3 9
HUAN	11	1619	1637D	1628	S23	W65	.939	10250	6.8	18D	-N	2	C	1628	.62				E
BOUL	11	1621E	1633D	1625	S19	W64	.927	10250	6.9	12D	-N		V						
MCMA	11	1623	1637	1627	S22	W62	.921	10250	7.0	14	1N		C	1627	1.03	2.60			E
HOUT	11	1623	1630	1626	S21	W61	.912	10250	7.1	7	-N		C		.90	1.90			I
GRP24784	11	1643	1719	1650	N10	E48	.739	10264	15.3	36	1N				1.92				5 4 4 8
HALE	11	1637	1732	1648	N11	E47	.727	10264	15.2	55	-N	2	C	1648	.98	1.40			F
CANR	11	1643	1715	1646	N10	E48	.739	10264	15.3	32	1N	8	C		2.30	3.50			KL
CANR	11	1643	1715	1655	N10	E48	.739	10264	15.3	32	1N	8	C						
MCMA	11	1644	1702	1646	N06	E60	.863	10264	16.2	18	-N	8	C	1646	.26	.40			D
HOUT	11	1645	1715	1654	N10	E49	.750	10264	15.4	30	1F	8	C		1.80	2.70			L
BOUL	11	1646	1715	1652	N09	E49	.750	10264	15.4	29	1N	8	C		2.60	3.90			E
BOUL	11	1648E	1648D	1648	N10	E50	.761	10264	15.5		1F	8	S						
GRP24785	11	1704	1741	1715	S21	W62	.918	10250	7.1	37	-N				.75				3 3 3 6
HUAN	11	1641	1800D	1716	S23	W65	.939	10250	6.8	79D	-N	2	C	1716	.62				E
BOUL	11	1659	1723	1712	S19	W62	.914	10250	7.1	24	-N		V						
HALE	11	1708	1734	1714	S19	W60	.901	10250	7.2	26	-N	2	C	1714	.83	1.90			
BOUL	11	1708	1730	1716	S23	W61	.917	10250	7.1	22	-N		C		.80	1.70			
GRP24792	11	2247	2303	2250	S13	E34	.629	10262	14.5	16	--F				.47				2 2 2 3
SACP	11	2246	2253	2249	S13	E35	.640	10262	14.6	7	-F		C		.42	.47			
HALE	11	2248	2313	2250	S12	E33	.611	10262	14.4	25	-N	2	C	2250	.52	.70			
GRP24794	12	0152	0441	0407	S19	W68	.949	10250	7.0	169	1N				1.82				3 3 3 5
KODA	12	0152E	0450	0412	S21	W67	.947	10250	7.1	178D	1B		P	0339	3.76	3.80	1.88		I
HALE	12	0348	0432	0401	S18	W68	.948	10250	7.1	44	-N	2	C	0401	.46				J
CULG	12	0403E	0408D		S18	W68	.948	10250	7.1	5D	1N		P	0403	1.24				
795 CRON	12	0458	0514	0503	N25	W35	.619	10253	9.6	16	--F		C		1.10	1.40			E 3
GRP24797	12	0555	0659	0610	S19	W70	.959	10250	7.0	64	--N				.34				4 3 1 8
ISTA	12	0555E	0630D		S20	W69	.955	10250	7.1	35D	-N								
CATA	12	0605E	0635D	0610	S18	W70	.958	10250	7.0	30D	-B			0610	.34			331	
CAPS	12	0610E	0657D		S18	W70	.958	10250	7.0	47D	-N		V	0612				182	
AROS	12	0640E	0700		S21	W70	.961	10250	7.0	20D	1N		P						
GRP24798	12	0653	0723	0657	N19	W35	.592	10253	9.7	30	-N				.46				3 3 2 9
MANI	12	0653E	0710	0657	N21	W32	.562	10253	9.9	17D	-F	2		0657	.62	.71			
CAPS	12	0653E	0709D		N19	W37	.617	10253	9.5	16D	-N		V	0659	.30	.40		170	
ISTA	12	0654E	0735D		N16	W35	.582	10253	9.7	41D	-N								
GRP24800	12	0721	0732	0722	N20	W33	.570	10253	9.8	11	-N				.97				2 2 2 11
CATA	12	0645E	0735	0720	N20	W33	.570	10253	9.8	50D	-B	8		0720	1.16	1.42		380	
MANI	12	0721	0729	0723	N20	W32	.557	10253	9.9	8	-F	2		0723	.77	.94			
GRP24802	12	0938	0956	0940	S20	W73	.972	10250	6.9	18	1N				2.11				5 5 2 9
MONT	12	0936	0959	0940	S22	W71	.966	10250	7.1	23	-B		C	0940	1.13				
NERA	12	0938E	0943D	0940	S20	W70	.960	10250	7.2	5D	1N	2							
KIEV	12	0939	0949	0941	S20	W80	.992	10250	6.4	10	-N		C	0941	3.09			65	D
CAPS	12	0943E	0950D		S18	W72	.966	10250	7.0	7D	-N		V	0947				166	C
ONDR	12	0945E	1004D		S20	W72	.968	10250	7.0	19D	2N		V	0946			3.70		CHJ
8 STATIONS REPORTING GROUP 24804. 0 STATIONS OBSERVING AND NOT REPORTING.																			
GRP24804	12	1432	1500	1436	S21	W78	.988	10250	6.8	28	-N				1.18				8 8 7 8
MONT	12	1408	1501	1436	S22	W73	.974	10250	7.1	53	-B		C	1436	2.06				
CATA	12	1410	1520	1435	S17	W75	.977	10250	7.0	70	-B			1435	1.44			257	
SACP	12	1429	1459	1439	S21	W75	.980	10250	7.0	30	1B		C		1.46	3.73			
MCMA	12	1431	1500	1434	S22	W80	.993	10250	6.6	29	-N		C	1434					EK
CANR	12	1433	1448	1437	S19	W79	.990	10250	6.7	15	1N		C		.90	2.50			I
MEUD	12	1434	1435D		S20	W80	.992	10250	6.6	1D	-F		C	1434	.31				
HOUT	12	1435E	1445	1436U	S23	W80	.993	10250	6.6	10D	-N		C		.50	1.50			
BOUL	12	1435E	1510	1435E	S20	W78	.988	10250	6.8	35D	1B		C		1.60	4.80			

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	DATE	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
	1969 AUG																		
24804	12	1433	1506	1433	S19	W72	.967	10250	7.2	33	*1B				.90				2 1 1 8
BOUL	12	1433E	1506	1433	S19	W72	.967	10250	7.2	33D	1B		V						
CANR	12	1450	1504	1456	S19	W79	.990	10250	6.7	14	1N		C		.90	2.50			I
GRP24806	12	1550	1603	1556	S15	E81	.993	10266	18.7	13	-B				.67				4 4 3 7
MCMA	12	1545	1555	1550	S13	E80	.990	10266	18.7	10	-N		C	1550					D
BOUL	12	1547	1610D	1556	S18	E79	.989	10266	18.6	23D	1B		V						
HOUT	12	1551	1555D	1552U	S15	E85	.999	10266	19.0	4D	-N		C		.30	1.00			
BOUL	12	1551	1600	1556	S13	E80	.990	10266	18.7	9	1N		C		1.10	3.30			H
CANR	12	1553	1603	1556	S15	E80	.991	10266	18.7	10	-N		C		.60	2.00			
MCMA	12	1555	1607	1558	S13	E80	.990	10266	18.7	12	-B		C	1558					EH
GRP24808	12	1710	1728	1712	N22	W38	.640	10253	9.9	18	--N				.42				3 3 3 6
SACP	12	1709	1720	1712	N21	W38	.636	10253	9.9	11	-N		C		.42	.46			
MCMA	12	1710	1718	1712	N22	W39	.652	10253	9.8	8	-F		C	1712	.31	.40			DH
HALE	12	1710	1747	1712	N22	W38	.640	10253	9.9	37	-N	3	C	1712	.52	.70			FH
GRP24809	12	1916	1939	1919	S21	W84	.998	10250	6.5	23	-N				.40				3 3 2 4
HUAN	12	1912	1928	1914	S22	W90	1.001	10250	6.1	16	-N	1	C	1914	.17				D
MCMA	12	1917	1922D	1920	S22	W82	.996	10250	6.7	5D	-N		C	1920					D
HALE	12	1920	1949	1923	S19	W81	.994	10250	6.7	29	1N	2	C	1923	.62				
GRP24810	12	2007	2023	2014	S13	E78	.984	10266	18.7	16	--N				.31				2 2 1 4
SACP	12	2001	2013D	2013	S13	E77	.981	10266	18.6	12D	-N		C		.31				
MCMA	12	2012	2023	2014	S13	E78	.984	10266	18.7	11	-N		C	2014					D
GRP24817	13	0648	0659	0654	S15	E69	.949	10266	18.5	11	-N				.58				4 4 3 11
ISTA	13	0634	0659		S14	E71	.958	10266	18.6	25	-N	8							
CULG	13	0646	0700	0652	S14	E65	.925	10266	18.2	14	1N	8	C	0652	.72				
CRON	13	0648	0658	0654	S14	E68	.943	10266	18.4	10	-B	8	C		.40	1.00			
MANI	13	0651	0700	0655	S16	E73	.969	10266	18.8	9	-F	1		0655	.62	1.40			
GRP24818	13	0650	0754	0655	S14	E21	.489	10262	14.9	64	--F				.52				3 2 1 10
CATA	13	0635	0740	0710	S11	E21	.458	10262	14.8	65	-N			0710	.58	.66		170	
MANI	13	0650	0715D	0655	S14	E21	.489	10262	14.9	25D	-F	1		0655	.52	.61			
ISTA	13	0650	0754		S14	E20	.478	10262	14.8	64	-N								
GRP24821	13	1102	1114	1105	S15	E68	.944	10266	18.6	12	-N				.78				6 6 6 8
MONT	13	1058	1112	1106	S15	E69	.949	10266	18.6	14	-N		C	1106	1.13				
CANR	13	1102	1112	1105	S15	E66	.933	10266	18.4	10	-N		C		.50	1.20			
MEUD	13	1102	1110		S15	E68	.944	10266	18.6	8	-N		C	1105	.41				D
CAPE	13	1103	1112	1105	S15	E70	.954	10266	18.7	9	-N		C	1105	.92				
KHAR	13	1103E	1115D	1105	S14	E68	.943	10266	18.6	12D	1N		P	1105	1.13		2.10		DO
CATA	13	1105	1120	1105	S14	E67	.937	10266	18.5	15	-B			1105	.58			209	
GRP24828	13	1608	1629	1614	N21	W50	.771	10253	9.9	21	--N				.43				3 3 3 7
SACP	13	1605	1635	1613	N20	W49	.759	10253	10.0	30	-N		C		.53	.65			
MCMA	13	1610	1621	1613	N21	W51	.781	10253	9.8	11	-N		C	1613	.31	.50			E
CATA	13	1610	1630D	1615	N23	W49	.765	10253	10.0	20D	-N			1615	.46	.72		155	
GRP24829	13	1617	1643	1625	S21	W89	1.000	10250	7.0	26	-N				.31				3 3 1 7
BOUL	13	1611	1646	1630	S20	W90	1.001	10250	6.9	35	-B		V						
SACP	13	1620	1652D	1622	S22	W87	1.000	10250	7.2	32D	-N		C		.31				
MCMA	13	1621	1632	1623	S20	W90	1.001	10250	6.9	11	-N		C	1623					D
GRP24831	13	1948	2008	1949	N22	W54	.812	10253	9.8	20	--N				.41				2 2 1 3
BOUL	13	1948E	2010D	1948	N23	W55	.822	10253	9.7	22D	-N		S						
MCMA	13	1948	2006	1950	N20	W53	.799	10253	9.9	18	-N		C	1950	.41	.70			EH
GRP24834	13	2217	2230	2221	S16	E11	.423	10262	14.8	13	--N				.62				2 2 1 5
BOUL	13	2217E	2230	2221	S16	E10	.416	10262	14.7	13D	-N		V						
MCMA	13	2220E	2230D		S15	E12	.416	10262	14.8	10D	-N		C	2224	.62	.70			E
GRP24835	14	0158	0225	0219	S13	E12	.390	10262	15.0	27	-B				1.75				2 1 1 5
VORO	14	0158	0225	0219	S13	E12	.390	10262	15.0	27	-B		C	0219	1.75	1.90		72	EJ
MANI	14	0200	0223D	0203	S14	E13	.411	10262	15.1	23D	-F	2		0203	.67	.74			
GRP24837	14	0550	0605	0553	S14	E09	.382	10262	14.9	15	-B				1.00				2 2 1 5
ISTA	14	0549	0609	0551	S13	E06	.350	10262	14.7	20	-B								
TACH	14	0551	0600	0554	S14	E11	.395	10262	15.1	9	-B		C	0554	1.00	1.10		80	E
4 STATIONS REPORTING GROUP 24839. 9 STATIONS OBSERVING AND NOT REPORTING.																			
GRP24839	14	0835	0955	0850	S14	E59	.883	10266	18.8	80	-N				.92				2 2 2 13
CATA	14	0835	0955	0850	S14	E60	.891	10266	18.9	80	-B			0850	.29	.64		240	
KHAR	14	0840E	0859D	0849	S14	E57	.868	10266	18.6	19D	1F		C	0846	1.55	3.10			
24839	14	0914	0931	0915	S14	E56	.859	10266	18.6	17	*-F				.83				2 2 1 12
MANI	14	0912E	0920D	0915	S14	E55	.851	10266	18.5	8D	-F	1		0915	.83	1.45			
ONDR	14	0916	0931		S14	E56	.859	10266	18.6	15	1F		V	0917			2.20		CHJ

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	DATE	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
	1969 AUG																		
GRP24841	14	0914	0931	0915	N19	W49	.757	10244	10.7	17	--F				.73				3 3 3 12
MANI	14	0913E	0920D	0915	N20	W48	.748	10244	10.8	7D	-F	1		0915	.62	.94			
MONT	14	0913	0931	0916	N18	W49	.755	10244	10.7	18	-F		C	0916	1.13				
ARCE	14	0915	0930	0915	N20	W49	.759	10244	10.7	15	-F		C	0915	.45	.70			
GRP24848	14	1848	1902	1854	N09	E15	.260	10264	15.9	14	--F				.47				2 2 2 6
HALE	14	1847	1900	1854	N09	E14	.243	10264	15.8	13	-N	1	C	1854	.62	.60			F
SACP	14	1849	1903	1853	N09	E15	.260	10264	15.9	14	-F		C		.31	.31			
GRP24849	14	1932	1943	1935	N09	E15	.260	10264	15.9	11	--N				.60				4 4 3 5
HUAN	14	1930	1941	1934	N09	E15	.260	10264	15.9	11	-F	2	C	1934	.25	.25			D
HALE	14	1931	1943	1935	N10	E14	.246	10264	15.9	12	-N	1	C	1935	.83	.90			
SACP	14	1932	1946	1935	N10	E15	.263	10264	15.9	14	-N		C		.73	.72			
BOUL	14	1934	1943	1936	N08	E16	.275	10264	16.0	9	-N		V						
GRP24850	14	2300	2311	2303	N10	E13	.230	10264	15.9	11	--N				.91				3 3 3 4
HALE	14	2258	2310	2302	N10	E14	.246	10264	16.0	12	-N	1	C	2302	.83	.90			
SACP	14	2301	2312	2304	N09	E13	.227	10264	15.9	11	-N		C		.42	.41			
VORO	14	2308E	2310		N12	E11	.210	10264	15.8	2D	-B		C	2308	1.47	1.50		71	EHJ
GRP24852	15	0101	0114	0104	N09	E12	.210	10264	15.9	13	--F				.58				2 2 2 5
SACP	15	0100	0120	0104	N08	E12	.208	10264	15.9	20	-F		C		.63	.62			
MANI	15	0101	0108	0103	N09	E12	.210	10264	15.9	7	-F	2		0103	.52	.52			
GRP24853	15	0615	0933	0630	N10	E11	.198	10264	16.1	198	--F				.40				3 2 1 11
CATA	15	0615E	0645	0630	N11	E11	.203	10264	16.1	30D	-N			0630	.75	.77		162	T
ISTA	15	0630E	0920		N09	E12	.210	10264	16.2	170D	-N								
CATA	15	0650	0715	0655	N09	E08	.144	10264	15.9	25	-N			0655	.40	.41		172	
ISTA	15	0707E	0714D	0710	N09	E08	.144	10264	15.9	7D	-F								
CAPS	15	0730E	0812D		N10	E12	.214	10264	16.2	42D	-F		V	0743	.40	.40			
CATA	15	0910E	0945	0915	N10	E07	.134	10264	15.9	35D	-N			0915	.46	.47		155	
	15	1005	1010	NO FLARE PATROL															
GRP24859	15	1755	1825	1800	N10	E05	.104	10264	16.1	30	--F				1.04				3 2 1 6
SACP	15	1755	1824	1800	N10	E03	.078	10264	16.0	29	-F		C		1.04	1.03			
MCMA	15	1755	1827		N12	E03	.107	10264	16.0	32	-N		C	1814	.52	.50			EK
BOUL	15	1756E	1825D	1759	N09	E07	.128	10264	16.3	29D	-F		V						
GRP24860	15	2058	2120	2105	N11	E01	.078	10264	15.9	22	--N				.26				2 2 2 5
SACP	15	2015	2057	2042	N06	W03	.053	10264	15.6	42	-N		C		1.05	1.04			
SACP	15	2057	2122	2106	N11	E01	.078	10264	15.9	25	-N		C		.31	.31			
MCMA	15	2058	2117	2104	N14	E02	.133	10264	16.0	19	-N		C	2104	.21	.20			D
GRP24861	15	2122	2159	2125	S13	E36	.653	10266	18.6	37	-B				1.10				3 3 2 5
SACP	15	2121	2151	2125	S12	E36	.648	10266	18.6	30	-N		C		1.26	1.41			
MCMA	15	2122	2205	2125	S13	E37	.665	10266	18.7	43	-B		C	2125	.93	1.20			E
BOUL	15	2122E	2201	2124	S14	E35	.648	10266	18.5	39D	-B		V						
GRP24862	16	1352	1620	1555	S13	E26	.537	10266	18.5	148	--F				.48				2 2 1 5
SANM	16	1352	1640		S13	E25	.525	10266	18.5	168	-F	1	C	1605	.48	.57			
SANM	16	1352	1640	1356	S12	E25	.516	10266	18.5	168	-F	1	C		.65	.77			ET
BOUL	16	1551	1600	1555	S13	E27	.549	10266	18.7	9	-N		V						
GRP24863	16	1536	1553	1541	N12	W06	.138	10264	16.2	17	--N				.71				5 5 4 6
LOCA	16	1535	1548	1540	N12	W04	.115	10264	16.3	13	-F		V	1540	.63	.60			
SANM	16	1536	1554	1539	N13	W07	.162	10264	16.1	18	-N	2	C		.65	.66			E
SACP	16	1537	1544D	1540	N12	W06	.138	10264	16.2	7D	-N		C		.94	.92			
HTPR	16	1537	1555		N13	W07	.162	10264	16.1	18	-F		C	1542	.62	.60			
BOUL	16	1546E	1554	1546	N10	W08	.149	10264	16.1	8D	-N		S						
GRP24864	16	1628	1639	1629	S13	E26	.537	10266	18.6	11	--F				.80				2 2 1 5
SANM	16	1352	1640		S13	E25	.525	10266	18.5	168	-F	1	C	1627	.80	.95			
BOUL	16	1628	1638	1629	S13	E26	.537	10266	18.6	10	-N	8	V						
GRP24869	18	0511	0532	0516	S13	E06	.353	10266	18.7	21	-N				1.34				3 3 3 4
TACH	18	0507	0530	0512	S12	E06	.337	10266	18.7	23	-N		C	0512	1.26	1.40		68	E
CRON	18	0515	0530	0520	S13	E06	.353	10266	18.7	15	-N		C		1.20	1.30			
HTPR	18	0522E	0535		S13	E07	.358	10266	18.7	13D	-N		C	0522	1.55	1.60			
GRP24873	18	1821	1838	1824	S13	W04	.345	10266	18.5	17	--N				.58				5 4 4 7
HUAN	18	1657	1842	1825	S13	W03	.342	10266	18.5	105	-N	2	C	1825	.50	.49			E
SANM	18	1755	1847	1824	S12	W06	.337	10266	18.3	52	-F	1	C		.97	1.03			E
BOUL	18	1757	1807	1758	S12	W08	.348	10266	18.1	10	-F		V						
MCMA	18	1820	1832		S12	W04	.329	10266	18.5	12	-N		C	1824	.41	.40			EH
SACP	18	1822	1832	1824	S13	W03	.342	10266	18.5	10	-N		C		.42	.42			

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	DATE	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
	1969 AUG																		
GRP24875	18	1914	2136	(2130)	S13	W05	.348	10266	18.4	142	--F				.37				2 .1 1 5
HUAN	18	1914	2136		S13	W05	.348	10266	18.4	142	-F	2	C	2130	.37	.37			E
HALE	18	1922E	2027		S11	W03	.309	10266	18.6	65D	-N	2	P	1922	.10	.10			
GRP24876	18	2204	2258	2223	S15	W53	.837	10262	14.9	54	1B				1.96				7 6 6 7
HUAN	18	2200	2227D	2211	S17	W53	.844	10262	14.9	27D	-B	2	C	2211	.88	1.20			E
CULG	18	2201	2315	2219	S13	W53	.831	10262	14.9	74	1B		C	2219	2.58	4.75			SU
HALE	18	2202	0022D	2210	S15	W53	.837	10262	14.9	140D	1N	2	P	2210	2.06	3.70			S
MCMA	18	2205E	2300D		S15	W53	.837	10262	14.9	55D	1B		C	2215	1.24	2.10			E
MANI	18	2206E	2245		S15	W53	.837	10262	14.9	39D	1N	2		2212	2.37	4.16			
SACP	18	2207	2250	2223	S16	W52	.832	10262	15.0	43	1B		C		2.62	3.67			
BOUL	18	2252E	2310D	2252	S15	W48	.791	10262	15.4	18D	-B		S						
GRP24878	19	0815	0835	0820	S12	W12	.379	10266	18.4	20	-N				1.18				4 4 4 12
MONT	19	0809	0833	0821	S12	W12	.379	10266	18.4	24	1N		C	0821	2.37				H
CATA	19	0815	0835	0815	S12	W12	.379	10266	18.4	20	-B			0815	.80	.88		234	
MANI	19	0816	0833	0820	S12	W13	.388	10266	18.4	17	-F	2		0820	.72	.78			
ARCE	19	0821	0840	0824	S12	W11	.371	10266	18.5	19	-F		C	0824	.83	.90			H
880 MANI	20	0224E	0231		S14	W20	.482	10266	18.6	7D	--F	1		0224	.26	.31			2
GRP24882	20	0726	0739	0732	S13	W24	.515	10266	18.5	13	--F				.68				4 4 3 13
MONT	20	0724	0738	0732	S14	W22	.503	10266	18.7	14	-N		C	0732	1.13				
ISTA	20	0726E	0734D		S13	W24	.515	10266	18.5	8D	-F								
CAPS	20	0727E	0734D		S12	W25	.518	10266	18.4	7D	-F		V	0729	.40	.40		140	
MANI	20	0728	0740	0731	S14	W24	.525	10266	18.5	12	-F	2		0731	.52	.61			
GRP24887	21	0536	0607	0548	N13	E87	.997	10283	27.8	31	1F				1.03				3 2 1 6
MANI	21	0536	0607	0548	N17	E85	.993	10283	27.6	31	1N	2		0548	1.03	2.76			
TACH	21	0545E	0559D		N12	E85	.994	10283	27.6	14D	2F		V	0549			5.20	81	BY
HTPR	21	0555E	0605D		N10	E90	1.000	10283	28.0	10D	-F		C						
GRP24897	21	1407	1434	1415	N09	E88	.999	10283	28.2	27	1N				1.37				7 7 4 9
HTPR	21	1403	1412D		N10	E88	.998	10283	28.2	9D	-F		C						A
BOUL	21	1405E	1430	1415	N12	E82	.987	10283	27.7	25D	1N		V						
MONT	21	1406	1428	1416	N08	E88	.999	10283	28.2	22	1B		C	1416	2.48				
CAPE	21	1410	1438D	1415	N09	E90	1.000	10283	28.3	28D	-N		P	1415	.92				
MCMA	21	1410	1440	1415	N10	E90	1.000	10283	28.3	30	1B		C	1415					
SANM	21	1412E	1947D		N08	E89	.999	10283	28.3	335D	-B	2	P	1416	1.29				AT
CATA	21	1415E	1430	1415	N07	E90	1.000	10283	28.3	15D	1B			1415	.80			246	
GRP24900	21	1904	1942	1911	N10	E87	.997	10283	28.3	38	-N				.90				3 3 2 4
SANM	21	1412E	1947D		N08	E89	.999	10283	28.3	335D	-B	2	P	1912	.97				
HALE	21	1902	1950	1910	N11	E83	.990	10283	28.0	48	1N	1	C	1910	.83				F
MCMA	21	1907	1929	1911	N10	E88	.998	10283	28.4	22	-N	8	C	1911					E
	21	2359	0000	NO FLARE PATROL															
	21	2359	0000	NO FLARE PATROL															
3 STATIONS REPORTING GROUP 24907. 0 STATIONS OBSERVING AND NOT REPORTING.																			
GRP24907	22	0338	0352	0342	N11	E85	.994	10283	28.5	14	1N				1.08				3 3 3 3
HALE	22	0338	0355	0342	N13	E84	.992	10283	28.5	17	1N	1	C	0342	.62				JVT
CRON	22	0338	0349	0341	N09	E90	1.000	10283	28.9	11	1N		C		.80	3.20			HI
TACH	22	0341E	0348D		N12	E82	.987	10283	28.3	7D	1N		C	0342	1.83		2.50	60	BE
907 HALE	22	0338	0343	0339	N11	E78	.974	10283	28.0	5	*-N	1	C	0339	.31				JVT 4
GRP24909	22	0748	0808	0757	N12	E85	.994	10283	28.7	20	-N				.51				3 3 3 9
CRON	22	0748	0759	0754	N12	E85	.994	10283	28.7	11	-N		C		.30	1.00			HI
MANI	22	0752E	0804	0755	N13	E85	.994	10283	28.7	12D	-N	2		0755	.72	2.06			
ARCE	22	0758E	0820D	0803	N11	E85	.994	10283	28.7	22D	1F		C	0803	.51	2.20			HI
6 STATIONS REPORTING GROUP 24913. 2 STATIONS OBSERVING AND NOT REPORTING.																			
GRP24913	22	0919	1024	0939	S13	W53	.832	10266	18.4	65	1F				1.01				3 3 2 8
ARCE	22	0919E	1000D	0939	S12	W52	.820	10266	18.5	41D	1F		C	0939	1.31	2.20			
ONDR	22	0940E	1024D		S16	W54	.849	10266	18.4	44D	1F		V	0944			2.20		G
CAPS	22	0947E	0951D		S10	W53	.823	10266	18.4	4D	-F		V	0949	.70	1.20		158	B
24913	22	0915	0957	0920	S11	W53	.826	10266	18.4	42	*-N				1.26				3 3 3 9
CATA	22	0910E	0955	0920	S12	W50	.801	10266	18.6	45D	-B			0920	.58	1.01		204	
KHAR	22	0918E	0930D	0919	S10	W55	.842	10266	18.3	12D	1N		P	0920	2.27	4.10	2.40		D
ZURI	22	0918	0958	0920	S12	W53	.829	10266	18.4	40	-N		C	0920	.93	1.60			
GRP24914	22	1102	1118	1105	N10	E82	.988	10283	28.6	16	-N				.56				3 3 3 7
CATA	22	1100E	1125	1105	N14	E79	.977	10283	28.4	25D	-B			1105	.46			246	
CANR	22	1103	1112	1106	N09	E85	.995	10283	28.8	9	-N		C		.30	1.00			
KHAR	22	1104E	1118D	1105	N08	E82	.988	10283	28.6	14D	1N		P	1107	.93		4.80		DO

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	DATE 1969 AUG	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
GRP24915	22	1128	1146	1130	N11	E79	.978	10283	28.4	18	-N				.81				3 3 2 6
CAPE	22	1127	1140	1130	N10	E80	.982	10283	28.5	13	-N		C	1130	.92				
MCMA	22	1127	1137	1130	N11	E78	.974	10283	28.3	10	-N		C	1130					E
CATA	22	1130	1200	1130	N13	E78	.974	10283	28.3	30	-B			1130	.69			380	
GRP24920	22	1553	1603	1555	N11	E77	.970	10283	28.4	10	-N				.46				6 6 5 9
SACP	22	1551	1605	1555	N13	E77	.970	10283	28.4	14	-N		C		.42	.94			
SANM	22	1552	1600	1555	N09	E77	.971	10283	28.4	8	-B	1	C		.32				D
MCMA	22	1552	1604	1555	N12	E75	.961	10283	28.3	12	-N		C	1555					E
BOUL	22	1552	1557	1555	N11	E80	.981	10283	28.7	5	-N		C		.60	1.80			H
CANR	22	1554	1602	1556	N11	E76	.966	10283	28.4	8	-N		C		.50	1.50			
HUAN	22	1554	1601D		N10	E80	.982	10283	28.7	7D	-F	1	C	1556	.45				E
BOUL	22	1555E	1605	1555	N13	E78	.974	10283	28.5	10D	-N		S						
GRP24921	22	1627	1635	1629	N12	E77	.970	10283	28.5	8	--N				.32				3 3 2 8
SANM	22	1626	1641	1629	N09	E77	.971	10283	28.5	15	-B	1	C		.32				E
HALE	22	1626	1633	1630	N14	E77	.969	10283	28.5	7	-F	2	C	1630	.31				JT
BOUL	22	1628	1632	1629	N14	E78	.973	10283	28.5	4	-F		V						
GRP24923	22	1727	1734	1728	N11	E76	.966	10283	28.4	7	--N				.28				6 6 5 7
CANR	22	1725	1732	1728	N11	E76	.966	10283	28.4	7	-N		C		.40	1.20			
HUAN	22	1725	1733		N09	E77	.971	10283	28.5	8	-F	1	C	1727	.41				E
BOUL	22	1726	1733	1728	N14	E77	.969	10283	28.5	7	-N		V						
SACP	22	1726	1734	1729U	N13	E77	.970	10283	28.5	8	-N		C		.21	.48			
MCMA	22	1726	1732	1728	N12	E78	.974	10283	28.6	6	-N		C	1728	.21	1.00			D
MCMA	22	1733	1738	1734	N09	E70	.935	10283	28.0	5	-F		C	1734	.21	.60			D
SANM	22	1734	1740	1737	N07	E75	.963	10283	28.4	6	-F	1	C		.17				D
GRP24924	22	1731	1804	1736	S15	E09	.402	10273	23.4	33	-N				.99				7 7 6 7
SANM	22	1725	1740	1727	S16	E08	.411	10273	23.3	15	-B	1	C		.32				D
SACP	22	1730	1742E	1734U	S16	E09	.416	10273	23.4	12D	-N	8	C		1.67	1.69			
MCMA	22	1731	1814	1737	S14	E11	.400	10273	23.6	43	-B	8	C	1737	1.03	1.10			E
SANM	22	1731	1811	1740	S15	E07	.391	10273	23.3	40	-N	1	C		1.62	1.77			U
HALE	22	1732	1811	1736	S14	E08	.381	10273	23.3	39	-B	1	C	1736	1.24	1.30			FJ
CANR	22	1732	1744	1736	S17	E08	.426	10273	23.3	12	-N	8	C		.90	1.00			
BOUL	22	1732	1808	1739	S15	E08	.396	10273	23.3	36	-N	8	V						
HUAN	22	1733	1757D		S17	E09	.431	10273	23.4	24D	-N	2	P	1737	.75	.91			E
GRP24926	22	1808	1816	1810	N11	E74	.957	10283	28.3	8	--F				.31				3 3 2 6
HUAN	22	1807	1815		N11	E80	.981	10283	28.8	8	-F	2	C	1810	.17				D
BOUL	22	1809	1814	1810	N13	E71	.940	10283	28.1	5	-N		V						
SANM	22	1809E	1818		N10	E75	.962	10283	28.4	9D	-F	1	P	1810	.32				D
HUAN	22	1810	1818	1812	N09	E70	.935	10283	28.0	8	-F	2	C	1812	.12				D
927 HUAN	22	1830	1839D		N09	E70	.935	10283	28.0	9D	--F	2	C	1835	.12				D 3
GRP24928	22	1908	1919	1909	N09	E76	.967	10283	28.5	11	--N				.25				4 4 4 4
BOUL	22	1907	1912	1909	N08	E75	.963	10283	28.4	5	-N		C		.40	1.20			
HALE	22	1908	1916	1909	N11	E75	.961	10283	28.4	8	-N	2	C	1909	.21				JT
MCMA	22	1908	1914	1909	N10	E76	.966	10283	28.5	6	-N		C	1909	.21	.80			D
HUAN	22	1912E	1935D		N08	E78	.975	10283	28.6	23D	-F	1	P	1913	.17				D
GRP24929	22	1920	1943	1923	N12	E75	.961	10283	28.4	23	--F				.21				2 2 1 4
BOUL	22	1920	1936	1924	N13	E74	.956	10283	28.4	16	-F		V						
MCMA	22	1920	1950	1922	N11	E75	.961	10283	28.4	30	-F		C	1922	.21	.80			D
931 HALE	22	2100U	2121	2109	N13	E71	.940	10283	28.2	21D	--F	1	C	2109	.62				JTF 3
935 MANI	22	2310	2335	2315	N13	E68	.921	10283	28.1	25	-N	2		2315	.83	1.66			3
GRP24936	23	0256	0317	0303	S12	W60	.888	10266	18.6	21	-N				.78				4 4 4 4
HALE	23	0251	0328	0302	S11	W61	.893	10266	18.5	37	-B	2	C	0302	.67	1.50			
CRON	23	0255	0306	0300	S11	W60	.886	10266	18.6	11	-N		C		.70	1.40			
MANI	23	0259E	0315D	0307	S10	W60	.884	10266	18.6	16D	-N	2		0307	.83	1.60			
CULG	23	0300	0320		S14	W60	.892	10266	18.6	20	1N		P	0300	.93	2.10			
937 HALE	23	0258	0315	0300	S15	E04	.380	10273	23.4	17	--F	2	C	0300	.26	.30			H 3
5 STATIONS REPORTING GROUP 24939. 2 STATIONS OBSERVING AND NOT REPORTING.																			
GRP24939	23	0529	0625	0600	N11	E67	.915	10283	28.3	56	1N				1.67				3 3 3 7
ABST	23	0520E	0631D	0559	N09	E64	.894	10283	28.0	71D	1N		C	0559	1.35			64	FK
MANI	23	0532	0623	0603	N12	E68	.921	10283	28.3	51	1N	2		0603	1.24	2.52			
TACH	23	0535	0622	0559	N11	E68	.922	10283	28.3	47	2F		C	0559	2.43			60	E
24939	23	0600	0645	(0611)	N12	E65	.900	10283	28.1	45	*-N				.98				2 2 1 8
BUCA	23	0600E	0624D		N12	E65	.900	10283	28.1	24D	-N		P	0611	.98				
ISTA	23	0600E	0645		N11	E65	.900	10283	28.1	45D	-N								

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	DATE	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
	1969 AUG																		
GRP24945	23	1317	1355	1347	N12	E63	.885	10283	28.3	38	-N				1.55				3 2 2 6
MCMA	23	1317E	1345D	1320	N10	E63	.885	10283	28.3	28D	-N		C	1320	.83	1.80			E
MONT	23	1333	1355	1347	N13	E63	.885	10283	28.3	22	-N		C	1347	2.06				
MCMA	23	1345E	1625	1347	N10	E63	.885	10283	28.3	160D	1N		C	1347	1.03	2.10			EK
BOUL	23	1404	1507	1438	N12	E61	.868	10283	28.2	63	-N		V						
GRP24947	23	1522	1600	1528	N12	E60	.860	10283	28.1	38	-N				1.09				3 3 2 7
BOUL	23	1520	1602D	1526	N12	E60	.860	10283	28.1	42D	-N	8	V						
SACP	23	1521U	1554U	1525U	N12	E60	.860	10283	28.1	33D	-N	8	C		.63	.93			
MONT	23	1524	1557	1534	N11	E60	.860	10283	28.1	33	-N	8	C	1534	1.55				
GRP24948	23	1641	1719	1651	N13	E62	.877	10283	28.3	38	1B				1.08				5 5 4 5
MCMA	23	1640	1748	1652	N12	E61	.868	10283	28.3	68	1B		C	1652	1.03	2.10			E
HALE	23	1641	1727	1652	N13	E61	.868	10283	28.3	46	1B	1	C	1652	1.03	2.10			
CANR	23	1641	1658	1649	N12	E63	.885	10283	28.4	17	-N		C		.80	1.60			
BOUL	23	1642	1711	1652	N15	E60	.860	10283	28.2	29	1B		V						
BOUL	23	1645	1706	1651	N13	E62	.877	10283	28.3	21	1N		C		1.30	2.60			
SACP	23	1650E	1712D	1650E	N14	E62	.876	10283	28.4	22D	1N		C		1.46	2.23			
GRP24949	23	1842	1924	1859	N12	E60	.860	10283	28.3	42	--N				.62				3 2 1 3
BOUL	23	1832	1918	1903	N13	E59	.851	10283	28.2	46	-N		V						
HALE	23	1836	1927	1840	N12	E58	.842	10283	28.1	51	-N	1	C	1840	.36	.70			K
MCMA	23	1851	1930	1855	N10	E60	.860	10283	28.3	39	-N		C	1855	.62	1.20			E
GRP24950	23	2008	2041	2018	N14	E65	.900	10283	28.7	33	1F				1.86				2 1 1 2
HALE	23	2008	2041	2018	N14	E65	.900	10283	28.7	33	1F	1	C	2018	1.86	4.20			K
MCMA	23	2027	2058	2030	N10	E60	.860	10283	28.4	31	-N		C	2030	.52	1.00			E
951 HALE	23	2116	2130	2120	S20	E73	.973	10287	29.4	14	--F	2	C	2120	.21				2
952 HALE	23	2117	2145	2129	N12	E56	.823	10283	28.1	28	--F	1	C	2129	.57	1.00			2
5 STATIONS REPORTING GROUP 24955. 0 STATIONS OBSERVING AND NOT REPORTING.																			
GRP24955	24	0605	0852	0632	N12	E53	.793	10283	28.2	167	-N				2.70				3 2 1 3
ISTA	24	0605E	0852		N11	E54	.803	10283	28.3	167D	-N								
CRON	24	0610	0640	0613	N11	E51	.771	10283	28.1	30	-N		C		.70	1.10			
ABST	24	0629E	0653D	0632	N12	E52	.782	10283	28.2	24D	1N		C	0632	2.70	4.50		66	F
24955	24	0830	0840	(0837)	N12	E52	.782	10283	28.3	10	*-N				.52				2 1 1 7
KHAR	24	0823E	0828D		N11	E52	.782	10283	28.2	5D	-N		P				2.80		D
MANI	24	0837E	0840D		N12	E51	.771	10283	28.2	3D	-N	1		0837	.52	.82			
GRP24956	24	1015	1022	1017	N11	E51	.771	10283	28.3	7	-N				1.04				5 5 4 6
CANR	24	1013	1025	1018	N11	E50	.760	10283	28.2	12	-N		C		1.00	1.60			
CAPE	24	1015	1022	1016	N12	E51	.771	10283	28.3	7	-F		C	1016	.92	1.40			F
KHAR	24	1015	1020		N11	E52	.782	10283	28.3	5	-N		P				2.40		D
HERS	24	1016	1022	1016D	N12	E50	.760	10283	28.2	6	-N		P	1020	1.03	1.60			E
CAPS	24	1016E	1022D		N11	E50	.760	10283	28.2	6D	-N		V	1018	1.20	1.90		165	
GRP24958	24	1323	1335	1325	N13	E53	.793	10283	28.5	12	--B				.22				2 2 2 5
CATA	24	1320	1335	1320	N14	E51	.772	10283	28.4	15	-B			1320	.23	.37		234	
SACP	24	1326	1335	1330	N12	E54	.803	10283	28.6	9	-N		C		.21	.28			
GRP24959	24	1347	1409	1351	N12	E47	.726	10283	28.1	22	--B				.39				4 4 3 6
BOUL	24	1342E	1412	1351	N13	E44	.691	10283	27.9	30D	-B		V						
SACP	24	1345	1409	1353	N13	E48	.738	10283	28.2	24	-N		C		.42	.51			
MCMA	24	1350E	1405		N12	E50	.760	10283	28.3	15D	-N		C	1355	.41	.60			E
CATA	24	1350	1400D	1350	N10	E47	.726	10283	28.1	10D	-B			1350	.34	.51		226	Z
GRP24960	24	1445	1539	1459	N15	E56	.823	10283	28.8	54	1N				2.49				6 6 6 7
MCMA	24	1435	1550D	1455	N14	E59	.851	10283	29.0	75D	2N		C	1455	3.61	7.20			F
BOUL	24	1450	1523	1500	N14	E54	.803	10283	28.7	33	1N		C		2.70	4.50			E
CANR	24	1451	1516	1457	N12	E64	.893	10283	29.4	25	2N		C		3.20	5.30			
CAPE	24	1451	1512D	1500	N15	E57	.833	10283	28.9	21D	1N		P	1500	1.52	2.80			F
BOUL	24	1452E	1515D	1456	N15	E50	.762	10283	28.4	23D	1N		V						
HUAN	24	1456E	1541		N15	E58	.842	10283	29.0	45D	1F	2	C	1505	1.50	2.00			E
SACP	24	1457E	1540	1501	N15	E56	.823	10283	28.8	43D	1B		P		3.14	4.31			
GRP24962	24	1625	1826	1646	N14	E55	.813	10283	28.8	121	1N				1.23				5 5 5 8
MCMA	24	1557	1830D		N13	E54	.803	10283	28.7	153D	1N	8	C	1650	1.24	2.10			FK
HUAN	24	1624E	1821D		N13	E58	.842	10283	29.0	117D	-F	2	P	1640	.45	.63			E
SACP	24	1625	1713D	1646	N14	E56	.823	10283	28.9	48D	-N	8	C		1.14	1.57			
HALE	24	1635	1845	1644	N14	E53	.793	10283	28.7	130	1N	3	C	1644	1.80	2.90			F
BOUL	24	1640	1715	1649	N15	E54	.804	10283	28.7	35	1N	8	C		1.50	2.60			

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OBSERV-ATORY	OBSERVED UT				LOCATION					DURA-TION	IM-POR-TANCE	OBS.		MEASUREMENTS					REMARKS
	DATE 1969 AUG	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
GRP24964	24	2043	2133	2100	N12	E46	.714	10283	28.3	50	-B				1.23				5 5 5 6
SACP	24	2035	2113D	2100	N13	E47	.727	10283	28.4	38D	-B		C		1.57	1.87			
BOUL	24	2044	2142D	2103	N13	E45	.703	10283	28.2	58D	-N		V						
HALE	24	2046	2143	2100	N13	E43	.678	10283	28.1	57	-B	2	C	2100	1.39	1.90			
MCMA	24	2048	2125D	2102	N12	E52	.782	10283	28.8	37D	-N		C	2102	.83	1.30			E
CULG	24	2050E	2123	2100	N10	E43	.677	10283	28.1	33D	1B		P	2100	1.65	2.24			
BOUL	24	2053	2105	2059	N12	E45	.702	10283	28.2	12	-N		C		.70	1.00			
GRP24970	25	0523	0657	0556	N12	E40	.639	10283	28.2	94	-N				1.73				4 2 2 9
TACH	25	0513	0547	0525	N13	E42	.666	10283	28.4	34	1N		C	0525	3.61	4.90		60	D
ABST	25	0523E	0721D	0612	N13	E40	.640	10283	28.2	118D	-N		C	0612	1.08	1.50		62	E
MANI	25	0537E	0549		N13	E43	.678	10283	28.5	12D	-F	1		0538	.41	.56			
CULG	25	0610E	0632	0610	N11	E40	.638	10283	28.3	22D	1N		P	0610	2.37	2.99			
GRP24973	25	1132	1138	1133	N13	E36	.587	10283	28.2	6	--B				.72				3 3 2 5
MCMA	25	1132	1137	1133	N13	E36	.587	10283	28.2	5	-B		C	1133	.52	.60			DV
ONDR	25	1132E	1139		N12	E35	.571	10283	28.1	7D	-B		V	1133			2.70		HJR
CAPE	25	1133	1138	1133	N13	E37	.600	10283	28.3	5	-N		C	1133	.92	1.10			V
GRP24974	25	1237	1316	1240	N13	E38	.614	10283	28.4	39	-N				.93				3 2 2 5
HERS	25	1236	1252	1238	N13	E38	.614	10283	28.4	16	-N		P	1237	1.03	1.30			E
MCMA	25	1238	1340D	1241	N12	E38	.613	10283	28.4	62D	-N		C	1241	.83	1.00			E
LOCA	25	1320E	1340	1320	N12	E40	.639	10283	28.6	20D	-B		V	1320	.63	.80			
979 MCMA	25	2109	2118	2111	N08	E23	.388	10283	27.6	9	--N		C	2111	.31	.30			3
3 STATIONS REPORTING GROUP 24983. 1 STATIONS OBSERVING AND NOT REPORTING.																			
GRP24983	26	0025	0130	0106	N12	E28	.470	10283	28.1	65	--F				.47				2 2 2 3
HALE	26	0025	0147D	0106	N12	E28	.470	10283	28.1	82D	-N	1	P	0106	.52	.60			
MANI	26	0102	0112	0106	N12	E28	.470	10283	28.1	10	-F	1		0106	.41	.47			
24983	26	0017	0314	0137	N12	E28	.470	10283	28.1	177	*-F				.67				3 2 2 4
HALE	26	0017E	0316D	0143U	N14	E31	.518	10283	28.3	179D	-N	1	P	0143	.72	.80			K
MANI	26	0112	0123	0114	N08	E19	.323	10283	27.5	11	-F	1		0114	.41	.45			
MANI	26	0128	0144	0131	N12	E30	.500	10283	28.3	16	-F	1		0131	.62	.70			
KODA	26	0207	0312D		N12	E29	.485	10283	28.3	65D	1B		P	0306	2.21	2.20	1.20		I
8 STATIONS REPORTING GROUP 24985. 1 STATIONS OBSERVING AND NOT REPORTING.																			
GRP24985	26	0540	0717	0620	N11	E24	.407	10283	28.0	97	1N				3.55				3 3 2 7
ISTA	26	0540E	0704		N10	E24	.405	10283	28.0	84D	-N								
CAPS	26	0545E	0634D		N12	E25	.425	10283	28.1	49D	1N		P	0613	3.50	3.90		169	B
CATA	26	0620E	0730	0620	N12	E24	.409	10283	28.1	70D	1B			0620	3.59	3.97		380	BZ
24985	26	0430	0512	0445	N12	E26	.440	10283	28.1	42	*1N				2.84				2 2 2 3
TACH	26	0423	0459		N12	E26	.440	10283	28.1	36	1N		V	0440	2.28	2.60	1.80	69	EW
CRON	26	0436	0525	0445	N12	E26	.440	10283	28.1	49	1N		C		3.40	3.70			EH
24985	26	0446	0827	0500	N13	E26	.443	10283	28.1	221	*1N				4.50				3 1 1 5
ABST	26	0446E	0827D	0500	N13	E26	.443	10283	28.1	221D	1N		C	0500	4.50	4.80		56	F
CULG	26	0535	0535D		N13	E23	.397	10283	28.0		1N		P	0535	2.06				
CRIM	26	0555E	0800D		N13	E26	.443	10283	28.2	125D	1N		P	0631	2.70	2.90			BE
GRP24988	26	1219	1232	1220	N04	E76	.969	10289	1.2	13	-N				1.18				3 3 2 6
KIEV	26	1218	1235	1220	N02	E79	.981	10289	1.4	17	-N		C	1220	2.06			65	DI
MCMA	26	1218	1230	1221	N04	E76	.969	10289	1.2	12	-N		C	1221					E
CATA	26	1220	1230	1220	N06	E74	.959	10289	1.1	10	-B			1220	.29			282	
GRP24989	26	1325	1332	1328	N05	E74	.959	10289	1.1	7	--N				.31				2 2 1 5
SACP	26	1324	1333	1327	N05	E72	.949	10289	1.0	9	-N		C		.31	.63			
MCMA	26	1325	1331	1328	N04	E76	.969	10289	1.3	6	-N		C	1328					E
GRP24990	26	1413	1423	1419	N02	E80	.984	10289	1.6	10	-N				.62				3 3 2 3
MCMA	26	1413	1424	1420	N02	E80	.984	10289	1.6	11	-N		C	1420					D
SACP	26	1413	1423	1419	N04	E79	.980	10289	1.5	10	-N		C		.63	1.57			
CANR	26	1413	1422	1417	N01	E80	.985	10289	1.6	9	-B		C		.60	1.80			
GRP24991	26	1415	1425	1418	N11	E27	.453	10283	28.6	10	--N				.52				2 2 2 3
SACP	26	1414	1427	1418	N11	E27	.453	10283	28.6	13	-N		C		.73	.74			
MCMA	26	1416	1422	1418	N10	E27	.452	10283	28.6	6	-N		C	1418	.31	.40			DH
GRP24996	26	1641	1650	1645	N02	E78	.978	10289	1.5	9	-N				.41				3 3 2 4
CANR	26	1640	1650	1644	S00	E80	.985	10289	1.7	10	-N		C		.50	1.50			
SACP	26	1640	1649	1645	N02	E77	.974	10289	1.5	9	-N		C		.31	.73			
MCMA	26	1642	1650	1646	N04	E77	.973	10289	1.5	8	-N		C	1646					E

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	DATE	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	McMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
	1969 AUG																		
GRP24999	26	1936	2031	1946	N02	E76	.970	10289	1.5	55	1N				1.44				3 3 3 3
MCMA	26	1935	2040	1940	N02	E76	.970	10289	1.5	65	-N		C	1940	.46	1.80			EKLW
HALE	26	1937	2037	1949	N03	E74	.960	10289	1.4	60	2N	1	C	1949	2.06				
BOUL	26	1937	2015	1941	N02	E77	.974	10289	1.6	38	-N		V						
BOUL	26	1939	2010	1949	S00	E80	.985	10289	1.8	31	2N		C		1.80	5.90			H
GRP25001	26	2315	2333	2323	N03	E69	.932	10289	1.1	18	--N				.41				2 2 1 4
BOUL	26	2308	2335D	2321	N02	E70	.939	10289	1.2	27D	-N		V						
MANI	26	2321	2331	2324	N04	E68	.925	10289	1.1	10	-N	2		2324	.41	.97			
GRP25002	27	0030	0047	0034	N06	E59	.853	10289	31.4	17	-B				1.05				4 4 4 5
HALE	27	0030	0055	0032	N07	E59	.853	10289	31.4	25	-B	2	C	0032	.72	1.40			F
SACP	27	0030	0042	0035	N06	E60	.862	10289	31.5	12	-B		C		1.05	1.55			
CRON	27	0030	0039	0032	N05	E57	.836	10289	31.3	9	1N		C		1.20	2.20			
MANI	27	0032E	0051	0036	N04	E61	.873	10289	31.6	19D	1N	2		0036	1.24	2.29			
GRP25004	27	0156	0226	0203	N13	E16	.289	10283	28.3	30	--F				.98				2 2 2 4
HALE	27	0155	0230	0201	N14	E14	.265	10283	28.1	35	-N	2	C	0201	1.03	1.10			F
MANI	27	0157	0221	0204	N12	E17	.300	10283	28.4	24	-F	2		0204	.93	.98			
GRP25010	27	0731	0748	0742	N05	E64	.896	10289	1.1	17	-N				.88				4 4 3 10
ISTA	27	0550E	0750		N10	E70	.935	10289	1.5	120D	-N	8							
ISTA	27	0550E	0750		N03	E70	.938	10289	1.5	120D	-N	8							
ABST	27	0726E	0752D	0740	N05	E62	.880	10289	1.0	26D	1F	8	C	0740	1.08			52	E
MONT	27	0736	0746	0743	N05	E63	.888	10289	1.0	10	-N	8	C	0743	.77				
CAPS	27	0737E	0744		N05	E60	.863	10289	31.8	7D	-N	8	V	0738	.80	1.60		170	C
015 CANR	27	1238	1255	1244	N02	E64	.898	10289	1.3	17	--N		C		.60	1.30			3
GRP25016	27	1243	1304	1248	N11	E04	.097	10283	27.8	21	--N				.26				2 1 1 4
MCMA	27	1243	1304	1248	N11	E04	.097	10283	27.8	21	-N		C	1248	.26	.30			D
CATA	27	1300E	1315	1300	N11	E04	.097	10283	27.8	15D	-B			1300	.69	.70		234	
GRP25017	27	1400	1428	1408	N13	E11	.214	10283	28.4	28	1N				2.54				6 5 4 6
BOUL	27	1357	1435D	1407	N12	E16	.284	10283	28.8	38D	1N		V						
MCMA	27	1358	1530	1407	N12	E10	.191	10283	28.3	92	-N		C	1407	1.34	1.30			EL
BOUL	27	1358E	1407D	1407	N12	E17	.300	10283	28.9	9D	-N		S						
CANR	27	1400	1425	1408	N13	E11	.214	10283	28.4	25	1N		C		3.70	3.70			L
CATA	27	1400	1425D	1410	N13	E10	.199	10283	28.3	25D	1B			1410	3.25	3.33		550	Z
SACP	27	1405	1425	1409	N13	E10	.199	10283	28.3	20	-N		C		1.88	1.84			
SANM	27	1431E	1510		N13	E09	.185	10283	28.3	39D	-N	1	P	1432	.65	.66			B
GRP25020	27	1759	1808	1800	N11	E62	.877	10289	1.4	9	--F				.41				2 2 1 4
BOUL	27	1759	1810	1800	N11	E59	.851	10289	1.2	11	-F		V						
MCMA	27	1759	1805	1800	N11	E64	.893	10289	1.5	6	-N		C	1800	.41	1.00			D
021 SANM	27	1825	1831	1827	N04	E67	.919	10289	1.8	6	--F	1	C		.32	.59			E 3
GRP25022	27	1908	1923	1913	N05	E62	.880	10289	1.4	15	-N				.71				2 2 2 4
MCMA	27	1907	1925	1912	S00	E61	.877	10289	1.4	18	-N		C	1912	.52	1.10			E
BOUL	27	1909	1920	1913	N09	E63	.886	10289	1.5	11	-N		C		.90	1.80			
025 HALE	28	0107	0118	0108	N06	E53	.795	10289	1.0	11	--F	2	C	0108	.15	.30			3
026 HALE	28	0201	0210	0202	N11	E54	.803	10289	1.1	9	--F	2	C	0202	.15	.30			2
GRP25031	28	0803	0946	0834	N12	E01	.087	10283	28.4	103	1N				2.98				5 4 4 10
ARCE	28	0803E	0955D	0841	N12	E00	.085	10283	28.3	112D	1B		C	0841	4.52	4.50			I
CATA	28	0815E	0950	0820	N13	W01	.104	10283	28.3	95D	-N			0820	2.02	2.04		195	Z
MONT	28	0829	0936	0841	N12	W01	.087	10283	28.3	67	1N		C	0841	4.13				
CAPF	28	0834E	0900D		N12	E02	.092	10283	28.5	26D	1N		C	0838	2.27	2.31			L
CAPS	28	0837E	0845D		N13	E02	.108	10283	28.5	8D	-F		V	0841	1.00	1.00		150	
GRP25032	28	1201	1226	1204	N13	W02	.108	10283	28.4	25	-N				1.25				9 8 8 10
CANR	28	1200	1216	1204	N12	W03	.100	10283	28.3	16	-N		C		2.00	2.00			EL
MONT	28	1201	1214	1205	N13	W01	.104	10283	28.4	13	-N		C	1205	2.06				
ABST	28	1201E	1221D	1204	N13	W02	.108	10283	28.4	20D	-N		C	1204	1.35	1.40		58	F
HTPR	28	1201	1228	1204	N12	W03	.100	10283	28.3	27	-N		C	1204	1.03	1.00			E
CAPF	28	1201E	1255D		N12	W01	.087	10283	28.4	54D	-N		C	1206	1.44	1.47			H
MCMA	28	1201	1240	1203	N13	W02	.108	10283	28.4	39	-B		C	1203	.62	.70			EL
HUAN	28	1202	1218		N12	W02	.092	10283	28.4	16	-F	1	C	1204	.37	.37			E
CAPE	28	1202	1215	1205	N14	W02	.125	10283	28.4	13	-N		C	1205	1.16	1.20			FH
CAPS	28	1220E	1300D		N13	E02	.108	10283	28.7	40D	-N		V	1225	.40	.40		160	

SOLAR FLARES
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OBSERV-ATORY	OBSERVED UT				LOCATION					DURA-TION — MIN.	IM-POR-TANCE	OBS.		MEASUREMENTS					REMARKS
	DATE 1969 AUG	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY			COND.	TYPE	TIME — UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
GRP25037	28	1551	1601	1554	N03	E47	.731	10289	1.2	10	--N				.64				6 6 5 6
MCMA	28	1549	1559	1553	N03	E47	.731	10289	1.2	10	-N		C	1553	.31	.40			E
SACP	28	1550E	1600	1553	N04	E48	.741	10289	1.3	10D	-N		C		.52	.63			
CANR	28	1551	1605	1554	N03	E46	.719	10289	1.1	14	-N		C		1.00	1.50			E
MONT	28	1552	1558	1554	N03	E49	.754	10289	1.3	6	-F		C	1554	1.13				
CATA	28	1555	1600	1555	N01	E47	.734	10289	1.2	5	-B			1555	.23	.34		219	
BOUL	28	1557E	1603	1557	N04	E46	.718	10289	1.1	6D	-N		S						
GRP25039	28	1942	1957	1945	S09	E20	.433	10288	30.3	15	--F				.31				3 3 3 3
MCMA	28	1941E	1955D		S10	E20	.442	10288	30.3	14D	-F		C	1942	.26	.30			E
HALE	28	1942	1957	1945	S08	E20	.423	10288	30.3	15	-F	2	C	1945	.41	.50			
HUAN	28	1944	1953D		S10	E21	.454	10288	30.4	9D	-F	1	P	1948	.25	.25			
040 MCMA	28	2102	2115	2103	S12	E12	.383	10288	29.8	13	--N		C	2103	.31	.30			E 2
041 HALE	28	2140	2209	2142	N10	W09	.163	10283	28.2	29	--N	2	C	2142	.21	.20			KH 3
GRP25042	28	2305	2350	2314	S12	W13	.392	10284	28.0	45	-F				1.60				2 2 2 2
CULG	28	2304	2350	2315	S12	W13	.392	10284	28.0	46	1N		C	2315	2.06	2.20			
HALE	28	2305	2350	2313	S12	W13	.392	10284	28.0	45	-F	2	C	2313	1.13	1.20			F
GRP25043	29	0304	0310	0305	N03	E40	.643	10289	1.1	6	-N				.87				2 2 2 4
CRON	29	0303	0310	0305	N02	E40	.645	10289	1.1	7	-N		C		.70	1.00			
HALE	29	0304	0310	0305	N04	E40	.642	10289	1.1	6	-N	2	C	0305	1.03	1.30			H
GRP25049	29	1428	1442	1434	N14	W22	.385	10283	28.0	14	-N				.90				7 7 7 7
HTPR	29	1423	1447	1435	N14	W22	.385	10283	27.9	24	-B		C	1435	.93	1.00			EU
MONT	29	1429	1438D	1434	N14	W21	.370	10283	28.0	9D	-N		C	1434	1.55				
CANR	29	1430	1440D	1433U	N14	W22	.385	10283	28.0	10D	-N		C		1.20	1.30			
HOUT	29	1430	1437	1435U	N14	W22	.385	10283	28.0	7	-N		C		1.20	1.30			
HUAN	29	1430	1441	1435	N14	W23	.401	10283	27.9	11	-F	2	C	1435	.25	.25			D
MCMA	29	1431E	1444		N14	W23	.401	10283	27.9	13D	-N		C	1435	.52	.60			EH
SANM	29	1441E	1447		N14	W22	.385	10283	28.0	6D	-F	2	P	1441	.65	.70			D
GRP25050	29	1540	1602	1545	N11	W23	.391	10283	27.9	22	-N				.82				5 5 5 5
HTPR	29	1538	1555D	1545	N11	W23	.391	10283	27.9	17D	-N		C	1545	.83	.90			E
MCMA	29	1540	1611	1545	N12	W26	.440	10283	27.7	31	-N		C	1545	.72	.80			E
HUAN	29	1541	1610	1545	N10	W23	.389	10283	27.9	29	-N	2	C	1545	.37	.37			E
BOUL	29	1541	1555	1545	N12	W21	.363	10283	28.1	14	-N		C		1.00	1.10			
CANR	29	1542	1555	1545	N12	W21	.363	10283	28.1	13	-F		C		1.20	1.30			
BOUL	29	1542E	1600	1544	N10	W23	.389	10283	27.9	18D	-N		V						
GRP25052	29	1735	1808	1740	S25	E59	.912	10292	3.2	33	--F				1.00				2 2 2 6
CANR	29	1733	1815	1740U	S24	E58	.903	10292	3.1	42	1F		C		1.20	2.50			
BOUL	29	1736	1800	1740U	S26	E60	.920	10292	3.2	24	-F		C		.80	1.80			
GRP25054	29	2049	2103	2052	N14	W26	.445	10283	27.9	14	-B				1.34				2 2 2 2
CULG	29	2049	2104	2050	N14	W26	.445	10283	27.9	15	1B		C	2050	2.06	2.20			DV
HUAN	29	2049	2101	2053	N14	W26	.445	10283	27.9	12	-B	2	C	2053	.62	.62			D
055 MCMA	29	2157E	2157D		N04	E27	.455	10289	31.9		--F		C	2157	.26	.30			E 3
GRP25056	29	2304	0032	2323	N04	E38	.615	10289	1.8	88	1B				3.56				5 4 4 5
CULG	29	2303	0030	2317	N03	E38	.617	10289	1.8	87	2B		C	2317	4.43	5.37			CFSU
MITK	29	2305	2350	2311	N02	E38	.619	10289	1.8	45	1N		C	2311	2.58	3.30			F
HALE	29	2310E	0037	2317	N04	E37	.601	10289	1.7	87D	1B	1	P	2317	3.92	4.90			FS
MANI	29	2318E	0007D		N03	E37	.603	10289	1.7	49D	1N	2		2320	3.30	4.15			
CRON	29	2345E	0010	2345E	N03	E37	.603	10289	1.8	25D	1N		C		2.10	2.60			B
MITK	29	2352E	0030	0008	N07	E39	.625	10289	1.9	38D	-N		C	0008	.93	1.20			D
GRP25061	30	1039	1051	1042	N14	W33	.546	10283	28.0	12	-N				.84				5 5 5 7
MONT	30	1037	1047D	1041	N14	W33	.546	10283	28.0	10D	-N		C	1041	1.13				H
CAPE	30	1038	1050	1042	N15	W32	.535	10283	28.0	12	-N		C	1042	1.01	1.20			H
ABST	30	1040E	1053D	1042	N15	W33	.549	10283	28.0	13D	-N		C	1042	.90	1.00		59	D
ZURI	30	1040	1046	1042	N12	W34	.557	10283	27.9	6	-N		C	1042	.83	1.00			
CATA	30	1040	1100	1045	N15	W32	.535	10283	28.0	20	-B			1045	.34	.41		257	
064 HALE	30	2231	2243	2234	S05	W14	.318	10288	29.9	12	--N	2	C	2234	.21	.20			2
	30	2255	2300	NO FLARE PATROL															
	30	2255	2300	NO FLARE PATROL															
	30	2310	0012	NO FLARE PATROL															
	30	2310	0012	NO FLARE PATROL															
	31	0018	0040	NO FLARE PATROL															

SOLAR FLARES
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OBSERV-ATORY	OBSERVED UT				LOCATION					DURA-TION	IM-POR-TANCE	OBS.		MEASUREMENTS					REMARKS
	DATE 1969	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
	AUG 31	0018	0040	NO FLARE PATROL															
GRP25069	31	1118	1130	1120	S22	E43	.780	10292	3.7	12	--B				.48				3 3 2 8
CAPS	31	1115E	1130D		S24	E45	.807	10292	3.8	15D	-N		V	1120	.50	.80		180	
HURB	31	1118E	1124		S20	E39	.731	10292	3.4	6D	-B						2.60		
CATA	31	1120	1135	1120	S22	E45	.797	10292	3.8	15	-B			1120	.46	.79		214	
GRP25070	31	1241	1311	1244	S09	W18	.409	10288	30.2	30	1N				1.85				8 7 6 9
HUAN	31	1140	1310	1245	S09	W19	.421	10288	30.1	90	-N	1	C	1310	.50	.50			
CATA	31	1240	1320	1245	S08	W19	.411	10288	30.1	40	-B			1245	1.27	1.40		269	
ZURI	31	1240	1311	1245	S09	W17	.397	10288	30.3	31	-N		C	1245	1.55	1.70			
KIEV	31	1240	1300	1244	S10	W18	.420	10288	30.2	20	1F		C	1244	3.09	3.30		55	EI
CAPS	31	1240E	1305D		S08	W17	.387	10288	30.3	25D	1N		V	1242	2.00	2.20		180	
ABST	31	1241E	1325D	1243	S10	W18	.420	10288	30.2	44D	1N		C	1243	2.70	2.80			E
HURB	31	1242	1304		S08	W18	.399	10288	30.2	22	1N						1.80		
MCMA	31	1301E	1326D		S10	W19	.431	10288	30.1	25D	-N		C	1302	1.29	1.40			E
072 MCMA	31	2025	2038	2028	S11	W24	.500	10288	30.1	13	--N		C	2028	.36	.40			E 2

"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 ESSA grouping program but is not included in the I.A.U. Quarterly Bulletin on Solar Activity.

DAILY FLARE INDICES

Date	Flare Index	HR OBS	Date	Flare Index	HR OBS	Date	Flare Index	HR OBS
690801	268.84	23.9	690811	105.11	24.0	690823	61.30	24.0
690802	141.42	24.0	690812	57.62	24.0	690824	92.88	24.0
690803	108.96	24.0	690813	5.49	24.0	690825	20.36	24.0
690804	86.89	23.9	690814	25.91	24.0	690826	87.72	24.0
690805	220.70	23.9	690815	6.39	23.9	690827	46.62	24.0
690806	29.51	24.0	690818	29.75	24.0	690828	68.63	24.0
690807	180.51	24.0	690819	7.35	24.0	690829	88.18	24.0
690808	20.40	24.0	690821	19.78	24.0	690830	4.00	21.8
690809	22.40	24.0	690822	27.96	24.0	690831	18.06	23.3
690810	20.46	23.8						

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

SOLAR FLARES
Unconfirmed
AUGUST 1969

OBSERV-ATORY	OBSERVED UT				LOCATION					DURATION	IMPORTANCE	OBS.		MEASUREMENTS					REMARKS
	DATE 1969 AUG	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
522 CULG	01	0053	0112	0059	S15	E62	.905	10242	5.7	19	1N		C	0059	1.03	2.25			H 8
523 SACP	01	0102	0110	0105	S10	E03	.276	10232	1.3	8	-N		C		.64	.63			9
524 MANI	01	0132E	0137D		S17	W24	.543	10222	30.3	5D	-F	2		0132	.41	.50			7
526 CULG	01	0318	0340	0329	N12	W85	.994	10218	25.8	22	1N		C	0329	.52				4
527 VORO	01	0358E	0441		S20	W25	.582	10222	30.3	43D	1B		C	0416	1.94	2.33		122	E 3
528 VORO	01	0455E	0527D		S10	W01	.272	10232	1.1	32D	1B		P	0457	2.12	2.17		88	E 5
529 CAPS	01	0555E	0613D		S08	W03	.243	10232	1.0	18D	1F		P						B 8
GRP24530	01	0628	0640	0630	S02	W04	.152	10232	1.0	12	-N				.87				2 2 1 9
ISTA	01	0625	0636		N05	W03	.054	10232	1.0	11	-F								
CATA	01	0630E	0640	0630	S09	W05	.269	10232	31.9	10D	-B			0630	.87	.91		204	Z
GRP24531	01	0720	0740	0726	S05	W04	.199	10232	1.0	20	-N				.68				2 2 2 9
CATA	01	0720E	0735	0725	S05	W03	.194	10232	1.1	15D	-B			0725	.58	.59		224	
BUCA	01	0720E	0745D	0727	S04	W04	.183	10232	1.0	25D	-F		P	0727	.77	.80			
535 SACP	01	1313	1322	1315	S15	W32	.614	10222	30.2	9	-F		C		.42	.46			11
536 SACP	01	1332	1344	1335	S14	W58	.873	10215	28.2	12	-F		C		.53	.79			10
GRP24538	01	1638	1655	1646	S06	W09	.256	10232	1.0	17	-F				.26				2 2 1 6
HALE	01	1638	1655	1639	S05	W08	.232	10232	1.1	17	-N	2	C	1639	.26	.30			
BOUL	01	1639E	1646D	1641	S05	W10	.254	10232	31.9	7D	-F		V						
HALE	01	1649	1752	1650	S10	W07	.296	10232	1.2	63	-N	2	C	1650	.36	.40			V
544 BOUL	01	2234	2250D	2238	S11	E45	.741	10242	5.3	16D	-N		V						4
545 BOUL	01	2355	0004	2358	N12	W02	.114	10243	1.8	9	-N		V						2
546 KODA	02	0233E	0233D		S11	W13	.362	10232	1.1		-N		P	0233	1.72	1.70			CE 4
547 KIEV	02	0510	0520		S04	W16	.322	10232	1.0	10	1F		P	0510	2.58	2.70		55	CDI 6
548 KODA	02	0612E	0619D		S12	E46	.756	10242	5.7	7D	-N		P	0612	1.46	1.50			D 8
549 KODA	02	0612E	0619D		N12	W07	.161	10243	1.7	7D	-N	8	P	0612	.98	1.00			D 8
GRP24552	02	0647	0751	0647	S17	W31	.619	10232	31.0	64	-N				1.13				2 1 1 13
MONT	02	0647E	0751	0647	S17	W31	.619	10232	31.0	64D	-N		C	0647	1.13				
BUCA	02	0650E	0800D		S03	W27	.475	10232	31.3	70D	-F		P	0710	.55	.70			
GRP24553	02	0647	0744	0714	S12	E45	.745	10242	5.7	57	-B				1.51				2 2 2 11
MONT	02	0647E	0744	0713	S12	E46	.756	10242	5.7	57D	-N		C	0713	2.27				
CATA	02	0710E	0730D	0715	S11	E43	.719	10242	5.5	20D	-B			0715	.75	1.10		224	Z
555 ARCE	02	0838	0909	0845	N12	W09	.188	10243	1.7	31	-N		C	0845	1.12	1.10			13
557 ZURI	02	0917E	0925	0920	N12	W09	.188	10243	1.7	8D	-N		C	0920	.72	.70			11
558 MCMA	02	1218	1240D		S13	E41	.706	10242	5.6	22D	-F		C	1225	.62	.90			E 7
559 CAPS	02	1230E	1242D		S20	E90	1.001	10254	9.3	12D	1F		P	1237				160	9
562 CANR	02	1342	1349	1345	S17	W45	.766	10222	30.2	7	-F		C		.70	1.10			9
GRP24563	02	1412	1418	1412	S15	E44	.747	10242	5.9	6	-F				.71				2 2 2 8
SACP	02	1411	1419	1412	S15	E41	.715	10242	5.7	8	-N		C		.42	.50			
CAPS	02	1412	1417		S15	E47	.777	10242	6.1	5	-F		V	1414	1.00	1.80		150	
564 CAPS	02	1445E	1456		S20	E90	1.001	10254	9.4	11D	1N		P	1446				170	C 7
565 BOUL	02	1735	1738D		S09	W23	.459	10232	1.0	3D	-N		S						9
566 HALE	02	1836	1856	1839	S10	E37	.644	10242	5.6	20	-F	2	C	1839	1.03	1.40			6
570 VORO	02	2231E	2243		N07	W54	.805	10247	29.9	12D	-B		C	2236	.84	1.36		85	E 4
571 HALE	03	0008	0048D	0022	S10	E35	.620	10242	5.6	40D	-N	1	P	0022	.26	.30			4
572 HALE	03	0021	0048D	0027	S10	E30	.557	10242	5.3	27D	-N	1	P	0027	.15	.20			4
573 HALE	03	0022	0036	0025	N17	E42	.676	10245	6.2	14	-N	1	C	0025	.15	.20			4

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	DATE 1969 AUG	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
575 HALE	03	0043	0048	0045	N11	E46	.716	10241	6.5	5	-N	1	C	0045	.21	.30			4
578 KODA	03	0247E	0341		S13	W27	.542	10232	1.1	54D	1N		C	0253	3.80	3.80	1.32		I 3
GRP24579	03	0727	0808	0740	S07	W27	.498	10232	1.3	41	-B				.75				2 2 1 9
CATA	03	0725	0805	0740	S07	W27	.498	10232	1.3	40	-B			0740	.75	.87		237	
ISTA	03	0728	0810		S06	W27	.492	10232	1.3	42	-N								
581 CANR	03	1103	1110	1106	S17	W80	.991	10215	28.5	7	-N		C		.30	1.00			H 6
584 HUAN	03	1202E	1246D		N12	W28	.474	10243	1.4	44D	-F	1	C	1234	.33	.34			E 7
GRP24587	03	1512	1533	1513	S24	W60	.911	10222	30.1	21	-F				.25				2 2 1 9
HUAN	03	1512	1533	1513	S19	W61	.906	10222	30.1	21	-N	2	C	1513	.25				D
HURB	03	1512E	1524D		S29	W58	.912	10222	30.3	12D	-F						1.40		D
588 HUAN	03	1548E	1910D	1712	S22	E43	.772	10250	6.9	202D	-F	2	C	1712	.37	.46			E 7
589 HUAN	03	1600	1610	1606	S17	E27	.576	10242	5.7	10	-N	2	C	1606	.37	.39			E 6
590 MCMA	03	1617	1630D		N12	W28	.474	10243	1.6	13D	-N		C	1618	.26	.30			5
591 HUAN	03	1642	1650		S11	W34	.613	10232	1.1	8	-F	2	C	1643	.25	.27			E 8
592 SACP	03	1648	1651	1649	S13	E17	.428	10242	5.0	3	-F		C		.21	.21			7
593 HUAN	03	1654	1705D		S09	W38	.652	10232	31.9	11D	-N	2	C	1657	.17				D 7
594 HUAN	03	1712	1800D		S18	W60	.897	10222	30.2	48D	-F	2	C	1732	.25	.40			E 5
595 HUAN	03	1735E	1800D		S11	E27	.526	10242	5.8	25D	-N	2	C	1745	.25	.26			D 6
596 HUAN	03	1815E	1830D		S18	W60	.897	10222	30.3	15D	-F	2	C	1819	.25	.40			D 4
598 MCMA	03	2012	2035D		N12	W30	.503	10243	1.6	23D	-N		C	2024	.52	.60			4
599 HALE	03	2101	2124	2110	N22	E72	.946	10253	9.3	23	-N	1	C	2110	.31				4
601 SACP	03	2333E	2339D	2335	N19	E92	1.000	10253	10.9	6D	-N		C		.21				4
602 HALE	04	0222	0240	0225	S11	W48	.774	10232	31.5	18	-N	2	C	0225	.15	.20			5
603 HALE	04	0252	0350	0310	S12	E17	.418	10242	5.4	58	-N	2	C	0310	.46	.50			F 6
604 HURB	04	0539E	0545D		N10	W34	.558	10243	1.7	6D	-F						1.80		7
612 CANR	04	0942	1005	0944	N11	W39	.628	10243	1.5	23	-N		C		1.30	1.70			11
GRP24616	04	1456	1513	(1456)	N17	E66	.909	10253	9.6	17	1F				.17				2 2 1 9
SANM	04	1456E	1510		N14	E66	.909	10253	9.6	14D	-F	1	P	1456	.17				D
HURB	04	1459	1622D		N19	E66	.909	10253	9.6	83D	2F						3.60		H
HURB	04	1509	1515		N22	E67	.917	10253	9.7	6	-F						1.80		G
617 HALE	04	1726	1732	1727	N17	E80	.981	10253	10.7	6	-N	2	C	1727	.26				8
618 HUAN	04	1750	1758D		S22	E28	.632	10250	6.8	8D	-F	2	C	1753	.17	.19			D 8
623 CULG	04	2155	2226	2217	N13	E63	.886	10253	9.6	31	1F		C	2217	1.24	2.40			J 3
625 BOUL	05	0006E	0021D	0006	S10	W51	.801	10232	1.2	15D	-N		S						3
627 HALE	05	0151	0204	0155	S23	E26	.624	10250	7.0	13	-N	2	C	0155	.31	.40			H 5
631 BUCA	05	1040E	1101		S05	W56	.839	10232	1.2	21D	-N		C	1040	.32	.60			8
632 ZURI	05	1105	1107	1106	S10	E01	.277	10242	5.5	2	-N		C	1106	.62	.60			8
633 HUAN	05	1235	1300		N12	W65	.901	10230	31.6	25	-F	2	C	1254	.25	.40			D 11
634 MCMA	05	1240	1255	1245	S10	W66	.925	10232	31.6	15	-F		C	1245	.31	.80			D 12
635 HUAN	05	1259	1348	1305	N01	E53	.800	10253	9.5	49	-N	2	C	1305	.62	.79			E 11
639 SACP	05	1449	1507	1455	N15	E56	.825	10253	9.8	18	-N		C		.21	.29			10
647 HALE	05	1855	1910	1858	S24	E17	.564	10250	7.1	15	-F	2	C	1858	.10	.10			H 5
648 BOUL	05	1919	1927	1923	S11	W21	.454	10235	4.2	8	-N		V						4

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	DATE 1969 AUG	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
649 CULG	05	2112E	2128		S07	W60	.877	10232	1.4	16D	1N		P	2113	1.24				5
651 HALE	05	2152	2205D	2154	S24	E17	.564	10250	7.2	13D	-N	2	C	2154	.21	.30			H 4
655 HALE	06	0345	0400	0348	S23	E14	.532	10250	7.2	15	-F	2	C	0348	.31	.40			H 4
657 ISTA	06	0722	0728		S17	W10	.425	10242	5.6	6	-N								10
GRP24658	06	0835	0905	0835	S11	W10	.339	10242	5.6	30	-B				.87				1 1 1 12
CATA	06	0835E	0905D	0835	S11	W13	.366	10242	5.4	30D	-B			0835	.58	.63		219	
CATA	06	0835E	0905D	0835	S12	W08	.338	10242	5.8	30D	-B			0835	.29	.31		229	
659 MONT	06	0843	0859	0851	S05	W72	.955	10232	1.0	16	-F		C	0851	1.13				15
GRP24661	06	1002	1025	1011	S05	W74	.965	10232	31.9	23	-N				2.06				2 2 1 9
MONT	06	1001	1018	1011	S05	W73	.960	10232	31.9	17	-N		C	1011	2.06				
HURB	06	1002	1031		S05	W75	.969	10232	31.8	29	1N						2.70		
662 MEUD	06	1112	1116	1113	S04	W80	.986	10232	31.5	4	-F		C	1113	.21				10
664 MEUD	06	1418	1420		S24	E05	.508	10250	7.0	2	-F		C	1419	.31	.30			D 10
665 BOUL	06	1505	1515	1507	N10	W01	.070	10241	6.6	10	-F		V						12
671 HALE	07	0253E	0302		N18	E49	.757	10244	10.8	9D	-F	2	C	0253	.21	.30			5
675 MEUD	07	0951	0954	0951	S12	W25	.512	10242	5.5	3	-F		C	0951	.52	.60			E 13
676 MEUD	07	1020	1027	1021	S10	W90	1.000	10232	31.7	7	-F		C	1021	.21				D 9
677 HTPR	07	1120	1125	1121	N13	E27	.461	10253	9.5	5	-F		C	1121	.52	.60			D 10
GRP24678	07	1140	1159	1148	S10	W89	1.000	10232	31.8	19	-N				.20				3 3 2 9
MONT	07	1139	1201	1149	S10	W88	1.000	10232	31.9	22	-N		C	1149	.10				
HURB	07	1139E	1158D		S08	W90	1.000	10232	31.7	19D	-B						2.50		
CANR	07	1143	1158	1146	S11	W90	1.000	10232	31.7	15	-N		C		.30	1.20			
680 MONT	07	1441	1452	1446	N02	W90	1.000	10232	31.9	11	-F		C	1446	.10				9
683 BOUL	07	1719	1727	1723	S07	W90	1.000	10232	1.0	8	-N		V						7
686 BOUL	07	1828	1842	1836	S05	W90	1.000	10232	1.0	14	-N		V						4
688 BOUL	07	1941	1945	1942	S23	W14	.533	10250	6.8	4	-N		V						3
689 BOUL	07	2008E	2019D	2008	N19	E21	.409	10253	9.4	11D	-F		S						4
690 BOUL	07	2124E	2147D	2128	N11	W20	.348	10241	6.4	23D	-F		V						5
691 HUAN	07	2156E	2232D		N15	E38	.620	10253	10.8	36D	-F	2	C	2158	.25	.27			E 6
692 HUAN	07	2210	2228		S11	W37	.651	10242	5.1	18	-F	2	C	2216	.17	.18			D 6
693 BOUL	07	2351	0018D	2355	N18	E56	.827	10258	12.2	27D	-N		V						3
694 CRON	08	0154	0200	0156	S17	E90	1.001	10262	14.8	6	-B		C		.30	1.20			4
695 HALE	08	0220	0244	0225	N15	E17	.323	10253	9.4	24	-F	2	C	0225	.36	.40			5
696 HALE	08	0229	0258	0233	N20	E16	.354	10253	9.3	29	-N	2	C	0233	.21	.20			4
699 ISTA	08	0623	0654		N10	E40	.639	10244	11.3	31	-F								12
700 ISTA	08	0716E	0728	0720	S21	W19	.545	10250	6.9	12D	-F								16
702 ISTA	08	0741	0745		S15	W23	.517	10244	6.6	4	-F								14
703 MEUD	08	1040	1045	1042	S22	W19	.557	10250	7.0	5	-F		C	1042	.62	.70			E 8
704 CANR	08	1337	1352	1341	S15	E85	.998	10262	14.9	15	-N		C		.50	1.70			8
706 HUAN	08	1458	1503		S24	W28	.653	10250	6.5	5	-F	2	C	1500	.17	.19			D 12
708 BOUL	08	1505E	1530D	1507	N25	W11	.367	10252	7.8	25D	-N		V						11
709 HUAN	08	1656E	1725D		S21	W28	.625	10250	6.6	29D	-F	2	C	1718	.45	.50			E 9

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	DATE 1969 AUG	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
GRP24712	08	2356	0014	0002	S23	W32	.680	10250	6.6	18	-B				.85				2 2 1 7
BOUL	08	2356	0020	0000	S22	W31	.662	10250	6.7	24	-B		V						
SACP	09	0000E	0008	0003	S23	W32	.680	10250	6.6	8D	-N		C		.85	.97			
713 CRON	09	0213	0225	0216	N18	E40	.652	10258	12.1	12	-N		C		.90	1.20			4
714 CULG	09	0333	0359	0338	S13	E75	.974	10262	14.8	26	1F		C	0338	.88				6
715 TACH	09	0456	0523	0505	N09	W46	.715	10241	5.8	27	-N		C	0505	.93	1.30		68	E 4
GRP24717	09	0643	0710	0644	N09	W48	.739	10241	5.7	27	-N				.83				2 1 1 10
HTPR	09	0643	0710	0644	N08	W48	.739	10241	5.7	27	-N		C	0644	.83	1.20			U
ISTA	09	0655	0707D		N10	W47	.727	10241	5.8	12D	-F								
GRP24719	09	0746	0755	0747	N08	W48	.739	10241	5.7	9	-F				.31				2 2 2 12
HTPR	09	0745	0800	0747	N08	W48	.739	10241	5.7	15	-N		C	0747	.31	.50			U
MEUD	09	0746	0749	0747	N08	W47	.727	10241	5.8	3	-F		C	0747	.31	.40			D
720 SANM	09	1226E	1245D		N08	W52	.784	10241	5.6	19D	-F	1	P	1226	.65	1.08			BE 8
721 SANM	09	1226E	1245D		S10	W55	.840	10242	5.4	19D	-F	1	P	1226	.97	1.88			BD 8
722 SANM	09	1226E	1245D		S30	E07	.601	10261	10.0	19D	-F	1	P	1226	.97	1.23			BE 8
725 HTPR	09	1342	1430		N08	W52	.784	10241	5.7	48	-N		C	1345	.31	.50			U 13
727 HTPR	09	1443	1447	1445	N07	W52	.784	10241	5.7	4	-N		C	1445	.31	.50			D 11
728 HUAN	09	1456	1626		S21	W40	.741	10250	6.6	90	-F	2	C	1515	.25	.30			E 13
729 BOUL	09	1457	1513D	1459	S22	W90	1.001	10235	2.9	16D	-B		V						13
730 HTPR	09	1502	1506	1502	N07	W52	.784	10241	5.7	4	-F		C	1502	.31	.50			D 13
731 BOUL	09	1613E	1634D	1616	S21	W90	1.001	10235	2.9	21D	-N		V						8
734 HALE	09	2034U	2051D	2036	S20	W40	.735	10250	6.9	17D	-F	1	P	2036	.41	.60			FJ 3
735 HALE	09	2123	2136	2125	N15	W04	.166	10253	9.6	13	-N	1	C	2125	.41	.40			F 6
736 HUAN	09	2134	2204D		S32	E02	.620	10261	10.0	30D	-N	2	C	2138	.25	.27			E 6
737 SACP	09	2320	2328	2323	S17	W46	.778	10244	6.5	8	-N		C		.53	.67			4
738 HALE	10	0336	0351D	0339U	S29	E00	.579	10261	10.1	15D	-N	1	P	0339	.41	.50			J 7
739 ZURI	10	0857	0900	0859	S30	W03	.594	10261	10.1	3	-N		C	0859	.83	1.00			10
740 CATA	10	0925	0945	0930	N17	E21	.393	10258	12.0	20	-N			0930	.34	.38		186	8
741 CATA	10	1025	1045	1030	S20	W47	.801	10250	6.9	20	-B			1030	.52	.89		254	8
744 MCMA	10	1326	1333	1329	S23	W54	.869	10250	6.5	7	-F		C	1329	.52	.90			EH 8
747 HUAN	10	1553	1600		S23	W50	.839	10250	6.9	7	-F	1	C	1558	.17	.23			D 6
748 BOUL	10	1742E	1754	1742	S19	W52	.840	10250	6.8	12D	-F		S						7
749 HUAN	10	1815	1849		S23	W53	.862	10250	6.8	34	-F	1	C	1821	.17	.20			E 7
751 MCMA	10	2026	2036	2029	S20	W75	.979	10242	5.2	10	-F		C	2029	.21	.70			D 5
752 MCMA	10	2036	2057D		S18	W55	.861	10244	6.7	21D	-N		C	2040	.41	.80			E 5
754 HUAN	10	2059	2204	2142	S19	W53	.848	10250	6.9	65	-F	1	C	2142	.21	.31			E 4
755 HUAN	10	2136	2142		N14	W72	.946	10241	5.5	6	-F	1	C	2138	.17				D 4
759 SACP	11	0025	0028	0026	N07	W71	.942	10241	5.7	3	-F		C		.32	.60			4
760 SACP	11	0035	0042	0037	S21	W56	.878	10250	6.8	7	-F		C		.31	.48			4
762 ISTA	11	0610E	0629		S22	W66	.943	10250	6.3	19D	-F								6
764 HURB	11	0638	0650		N18	W07	.232	10244	10.8	12	-F						1.50		G 9
GRP24771	11	0840	0854	0843	N10	W74	.957	10241	5.8	14	-N				1.04				2 2 2 17
ARCE	11	0838	0855	0843	N12	W76	.966	10241	5.7	17	1B		C	0843	1.38	4.60			H
CRON	11	0841	0853	0843	N07	W72	.948	10241	6.0	12	-F		C		.70	1.80			H

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778 MCMA	11	1422E	1519		N14	W15	.285	10253	10.5	57D	-N		C	1430	.83	.90			E 10
GRP24780	11	1540	1555	1542	S21	W63	.925	10250	6.9	15	-F				.25				2 2 1 8
HUAN	11	1540	1553		S23	W62	.923	10250	7.0	13	-F	2	C	1546	.25				E
BOUL	11	1542E	1556D	1542	S18	W63	.919	10250	6.9	14D	-N		V						
781 HUAN	11	1550	1557		S33	W17	.677	10261	10.4	7	-F	2	C		.25	.29			D 9
GRP24786	11	1751	1824	1754	S20	W64	.929	10250	6.9	33	-N				.52				2 2 1 6
BOUL	11	1735E	1805D		S18	W64	.925	10250	6.9	30D	-F		V						
BOUL	11	1751	1814	1754	S19	W66	.938	10250	6.8	23	-N		V						
MCMA	11	1755E	1820D		S22	W62	.921	10250	7.1	25D	-N		C	1755	.52	1.30			E
BOUL	11	1807	1824D	1809	S19	W65	.933	10250	6.9	17D	-F		V						
787 BOUL	11	1814	1830D	1817	S30	W20	.658	10261	10.3	16D	-F		V						6
GRP24788	11	1832	1854	1837	S21	W64	.930	10250	7.0	22	-F				.62				2 2 1 7
BOUL	11	1831	1843	1835	S19	W65	.933	10250	6.9	12	-F		V						
MCMA	11	1832	1905D	1839	S22	W62	.921	10250	7.1	33D	-N		C	1839	.62	1.70			EHK
GRP24789	11	1848	1903	1852	S19	W62	.914	10250	7.1	15	-N				.67				2 2 1 5
BOUL	11	1847	1900	1852	S19	W62	.914	10250	7.1	13	-N		V						
HALE	11	1849	1906	1851	S19	W61	.908	10250	7.2	17	-N	2	C	1851	.67				J
790 HUAN	11	2004E	2108D		S23	W65	.939	10250	7.0	64D	-F	1	P	2004	.37				E 5
791 HUAN	11	2138E	2208D		S23	W70	.963	10250	6.7	30D	-N	1	P	2205	.75				4
793 CULG	11	2311E	0036		S22	W73	.974	10250	6.5	85D	1B		P	2311	1.34				3
GRP24796	12	0537	0556	(0545)	S19	W70	.959	10250	7.0	19	-B								2 2 0 5
CAPS	12	0537E	0558D		S18	W70	.958	10250	7.0	21D	-N		V	0543				180	
ONDR	12	0545E	0553		S20	W70	.960	10250	7.0	8D	1B		V	0546			4.60		CJ
GRP24799	12	0710	0734	0718	N12	E90	1.000	10267	19.0	24	1N				1.86				2 2 2 10
BUCA	12	0710E	0734D		N13	E90	1.000	10267	19.0	24D	1N		C	0718	1.66				
MANI	12	0710	0723	0718	N13	E90	1.000	10267	19.0	13	1F	1		0718	1.34	4.36			
MANI	12	0714E	0733	0718	N08	E90	1.000	10267	19.1	19D	1N	2		0718	2.06	6.70			
801 ZURI	12	0858	0920D	0910	S20	W70	.960	10250	7.1	22D	-N		C	0910	.62				10
803 CAPS	12	1107E	1110D		S18	W74	.974	10250	6.9	3D	-N		V						D 9
GRP24805	12	1545	1600	1554	N08	E45	.703	10264	16.0	15	-N				.21				2 2 1 7
SACP	12	1536	1554D	1553	N08	E46	.715	10264	16.1	18D	-N	8	C		.21	.25			
BOUL	12	1553	1600D	1554	N07	E44	.691	10264	16.0	7D	-N	8	V						
807 HALE	12	1632	1653	1633	N09	E44	.690	10264	16.0	21	-N	3	C	1633	.21	.30			H 8
811 MCMA	12	2101	2110	2105	S22	W88	1.000	10250	6.3	9	-N		C	2105					4
812 MCMA	12	2248	2302D	2254	S22	W87	1.000	10250	6.4	14D	-B		C	2254					5
813 HALE	13	0219	0227	0222	S13	E76	.978	10266	18.8	8	-F	1	C	0222	.15				8
GRP24814	13	0221	0232	0222	S22	W83	.998	10250	6.9	11	-N				.60				2 2 2 8
VORO	13	0220	0231	0221	S24	W84	.999	10250	6.8	11	1N		C	0221	.93	2.07		68	D
HALE	13	0222	0232	0223	S20	W81	.994	10250	7.0	10	-N	1	C	0223	.26				
815 ISTA	13	0614	0644		N08	W83	.991	10252	7.0	30	-F								10
816 CAPS	13	0634E	0647D		S25	W85	1.000	10250	6.9	13D	-F		V	0634				150	9
819 CATA	13	0835	0850	0840	N17	W34	.571	10253	10.8	15	-N			0840	.98	1.20		170	13
GRP24820	13	0933	1045	0936	S14	E20	.478	10262	14.9	72	-F				.53				2 2 2 8
CATA	13	0930	1045	0935	S13	E21	.478	10262	15.0	75	-N			0935	.69	.80		195	T
MEUD	13	0935	0942	0936	S14	E18	.457	10262	14.7	7	-F		C	0936	.36	.40			E
822 CAPS	13	1150E	1200D		S16	E75	.976	10266	19.1	10D	-F		V	1154				145	9
823 HUAN	13	1231	1307D		S13	E18	.446	10262	14.9	36D	-F	1	C	1252	.17	.17			E 11
824 MONT	13	1233	1242	1236	N13	W85	.994	10252	7.1	9	-N		C	1236	.10				11
GRP24825	13	1420	1440	1436	S15	E18	.469	10262	14.9	20	-F				.19				2 2 1 9
HUAN	13	1420	1440D		S13	E18	.446	10262	14.9	20D	-F	1	C	1428	.19	.19			E
BOUL	13	1426E	1438D	1436	S17	E17	.484	10262	14.9	12D	-N		V						

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	DATE 1969 AUG	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
826 SACP	13	1455	1535	1523	S21	W87	1.000	10250	7.1	40	-N		C		.52				9
GRP24827	13	1520	1538	1522	S15	E17	.459	10262	14.9	18	-N				.31				2 2 1 9
SACP	13	1519	1542	1522	S14	E18	.457	10262	15.0	23	-N		C		.31	.32			
BOUL	13	1521	1534	1522	S15	E15	.441	10262	14.8	13	-N		V						
830 BOUL	13	1708	1718D	1712	S20	W90	1.001	10250	7.0	10D	-N		V						5
832 BOUL	13	2101	2128	2106	S17	E74	.974	10266	19.4	27	-N		V						4
833 MCMA	13	2202	2230D	2211	N15	W30	.509	10253	11.7	28D	-F		C	2211	.41	.60			EH 5
836 TACH	14	0403	0425	0404	S14	E11	.395	10262	15.0	22	-B		C	0404	1.37	1.50		72	E 4
838 CANR	14	0700	0715	0703U	S14	E59	.883	10266	18.7	15	-N		C		1.00	2.00			12
GRP24840	14	0846	0856	0850	N22	W59	.856	10253	9.9	10	-F				1.37				2 2 2 13
ARCE	14	0845	0900	0850	N22	W59	.856	10253	9.9	15	-N		C	0850	.68	1.50			
MONT	14	0846	0852	0849	N22	W58	.847	10253	10.0	6	-F		C	0849	2.06				
842 HUAN	14	1208E	1316		S13	E59	.881	10266	18.9	68D	-F	2	C	1247	.37				E 7
843 MEUD	14	1414	1420	1417	N15	W39	.631	10258	11.7	6	-F		C	1417	.21	.30			D 4
844 HUAN	14	1426	1523		S14	E58	.876	10266	19.0	57	-F	2	C	1501	.21	.32			D 5
845 HUAN	14	1431	1500D		S14	E55	.851	10266	18.7	29D	-F	2	C	1442	.21	.20			D 5
846 HUAN	14	1638	1656D		S14	E57	.868	10266	19.0	18D	-F	2	C	1639	.17	.24			D 4
847 HUAN	14	1844	2005D		S14	E56	.859	10266	19.0	81D	-F	2	C	1937	.25	.36			D 5
851 SACP	15	0017	0024	0018	N09	E13	.227	10264	16.0	7	-F		C		.41	.41			6
854 ISTA	15	0630E	0925D		S15	E45	.761	10266	18.6	175D	-N								11
855 ISTA	15	0650	0750	0655	S32	W69	.971	10261	10.1	60	-N								11
856 SACP	15	1426	1436	1429	N14	W55	.814	10258	11.5	10	-F		C		.21	.28			7
GRP24857	15	1529	1615	1538	S10	E46	.752	10266	19.1	46	-F				.17				2 1 1 8
SANM	15	1529	1615	1538	S10	E46	.752	10266	19.1	46	-F	2	C		.17	.23			D
HUAN	15	1548	1628		S14	E43	.736	10266	18.9	40	-F	1	C	1606	.17	.20			E
858 SACP	15	1558	1605	1600	N19	W64	.893	10244	10.9	7	-F		C		.41	.67			7
865 CANR	17	0850	0905D	0857	N11	W15	.266	10264	16.2	15D	-N		C		1.10	1.10			8
866 SACP	17	1350	1406	1356	N12	W18	.318	10264	16.2	16	-F		C		.42	.41			7
867 HUAN	17	1850E	1901		N14	W60	.860	10274	13.3	11D	-F	2	C	1850	.21	.31			E 4
868 HALE	18	0045	0050	0046	N12	W32	.530	10264	15.6	5	-F	2	C	0046	.21	.20			H 5
870 CATA	18	1352E	1400	1352	S13	W03	.342	10266	18.4	8D	-N			1352	.17	.18		168	10
871 HUAN	18	1555	1615		S13	W03	.342	10266	18.4	20	-F	2	C	1606	.37	.37			D 11
872 HUAN	18	1620	1650		S13	W03	.342	10266	18.5	30	-F	2	C	1630	.25	.25			D 10
GRP24874	18	1848	1902	1853	S13	W03	.342	10266	18.6	14	-F				.37				2 2 1 6
HUAN	18	1845	1901	1850	S13	W02	.340	10266	18.6	16	-N	2	C	1850	.37	.37			E
BOUL	18	1850	1902	1855	S12	W04	.329	10266	18.5	12	-F		V						
877 MANI	19	0211	0226	0217	S14	W08	.379	10266	18.5	15	-F	1		0217	.31	.33			3
879 HUAN	19	1553E	1642D		S14	W10	.392	10266	18.9	49D	-F	2	C	1619	.25	.25			E 10
881 MANI	20	0402	0421	0405	S14	W21	.492	10266	18.6	19	-F	1		0405	.26	.31			5
GRP24883	20	1247	1313	1255	N15	W16	.304	10267	19.3	26	-F				.22				2 2 2 11
MCMA	20	1247	1315	1252	N15	W15	.289	10267	19.4	28	-F		C	1252	.26	.30			E
CATA	20	1257E	1310	1257	N15	W16	.304	10267	19.3	13D	-N			1257	.17	.18		182	
884 SACP	20	1418	1425	1420	N10	E91	1.000	10283	27.4	7	-N		C		.21				16
885 MANI	21	0202E	0222		N17	E88	.998	10283	27.7	20D	1N	2		0205	.72	2.23			3
886 MANI	21	0338E	0341D		N17	E85	.993	10283	27.5	3D	-N	2		0338	.72	1.93			4

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	DATE 1969 AUG	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
888 HTPR	21	0657	0706		N11	E90	1.000	10283	28.0	9	-F		C						9
GRP24889	21	0834	0859	0846	N10	E89	.999	10283	28.0	25	-F				.77				2 2 1 9
HTPR	21	0825	0900		N10	E90	1.000	10283	28.1	35	-F		C						
MONT	21	0843	0858	0846	N10	E88	.998	10283	28.0	15	-N		C	0846	.77				
GRP24890	21	0920	1000	0929	S13	W38	.678	10266	18.5	40	-B				1.11				2 1 1 7
ARCE	21	0920E	1000D	0929	S13	W38	.678	10266	18.5	40D	-B		C	0929	1.11	1.60			
CATA	21	0935	1005	0945	S13	W35	.644	10266	18.8	30	-B			0945	.29	.38		214	
891 HTPR	21	0947	1000		N13	E90	1.000	10283	28.2	13	-F		C						7
892 HTPR	21	1025	1035		N15	E90	1.000	10283	28.2	10	-F		C						5
893 CATA	21	1035	1100D	1045	S17	E26	.575	10273	23.4	25D	-N			1045	.34	.42		178	6
894 HTPR	21	1107	1115		N12	E90	1.000	10283	28.2	8	-F		C						6
GRP24895	21	1110	1205	1110	S17	E26	.575	10273	23.4	55	-B				.34				2 1 1 7
CATA	21	1110E	1205	1110	S17	E26	.575	10273	23.4	55D	-B			1110	.34	.42		209	
MCMA	21	1126	1155		S17	E24	.554	10273	23.3	29	-N		C	1130	.31	.40			EHK
896 CATA	21	1305	1410D	1310	S17	E24	.554	10273	23.3	65D	-N			1310	.58	.69		162	8
GRP24898	21	1540	1556	1543	N15	E90	1.000	10283	28.4	16	-F								2 1 0 7
BOUL	21	1540E	1556	1543	N15	E90	1.000	10283	28.4	16D	-F		V						
MCMA	21	1556	1606	1559	N10	E88	.998	10283	28.3	10	-N		C	1559					D
899 BOUL	21	1700	1709	1701	S16	E22	.524	10273	23.4	9	-F		V						8
901 MCMA	21	1939	2008	1943	N19	W20	.389	10281	20.3	29	-F		C	1943	.83	.90			E 6
902 MCMA	21	2053	2100	2056	N12	E89	.999	10283	28.5	7	-N		C	2056					6
GRP24903	21	2130	2139	2132	N15	E89	.999	10283	28.6	9	-N								2 2 0 5
BOUL	21	2130E	2142D	2132	N16	E88	.998	10283	28.5	12D	-N		S						
MCMA	21	2130	2135	2132	N14	E90	1.000	10283	28.6	5	-N		C	2132					
904 SACP	22	0016	0030	0019	S13	W45	.754	10266	18.6	14	-F		C		.32	.39			4
905 MANI	22	0225E	0229		N12	E83	.990	10283	28.3	4D	-F	2		0225	.31	.85			3
906 MANI	22	0234	0240D	0236	N11	E82	.987	10283	28.3	6D	-F	2		0236	.62	1.43			4
908 CATA	22	0630E	0720	0645	N13	E79	.977	10283	28.2	50D	-B			0645	.29			276	8
910 ARCE	22	0832E	0855D	0842	N18	W26	.464	10281	20.4	23D	-F		C	0842	.47	.50			10
911 ARCE	22	0843	0903	0850	N10	E75	.962	10283	28.0	20	1F		C	0850	.83	2.20			H 10
912 CATA	22	0910E	1000	0920	S17	E13	.457	10273	23.4	50D	-B			0920	.52	.58		219	9
GRP24916	22	1314	1325	1320	N09	E71	.941	10283	27.9	11	-F				.17				2 2 1 8
HUAN	22	1313	1324	1320	N08	E72	.947	10283	28.0	11	-F	2	C	1320	.17				D
BOUL	22	1315	1326	1319	N10	E70	.935	10283	27.8	11	-F		V						
917 SANM	22	1358	1406	1401	N08	E71	.942	10283	27.9	8	-N	1	C		.97				E 6
GRP24918	22	1410	1424	1412	N11	E72	.946	10283	28.0	14	-F				.17				2 2 1 8
BOUL	22	1410	1418	1412	N13	E72	.945	10283	28.0	8	-F		V						
HUAN	22	1415E	1429D		N08	E72	.947	10283	28.0	14D	-F	2	P	1415	.17				D
919 HUAN	22	1520E	1540D		N08	E72	.947	10283	28.0	20D	-F	2	C	1528	.12				D 9
922 MCMA	22	1655	1659	1656	N12	E75	.961	10283	28.3	4	-N		C	1656	.21	.80			D 8
925 HUAN	22	1733	1741D	1733	N08	E70	.936	10283	28.0	8D	-F	2	C	1733	.17				D 7
930 BOUL	22	2007	2025	2012	S14	W50	.807	10266	19.1	18	-F		V						4
932 BOUL	22	2147	2154	2150	N12	E72	.946	10283	28.3	7	-N		V						4
933 HUAN	22	2210	2220		N11	E71	.940	10283	28.2	10	-F	1	C	2214	.31				D 6
934 MANI	22	2223E	2255		N12	E69	.928	10283	28.1	32D	1F	1		2223	1.13	2.35			6
938 HALE	23	0337	0409D	0339	N12	E68	.921	10283	28.3	32D	-N	1	P	0339	.46				K 3
940 BUCA	23	0706E	0720D		N13	E68	.921	10283	28.4	14D	-F		C	0708	.07				D 8

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	DATE 1969 AUG	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
941 BUCA	23	0805E	0817D		N13	E70	.934	10283	28.6	12D	-F		C	0810	.55				8
GRP24942	23	0850	0925	0859	S16	E01	.390	10273	23.4	35	-N				1.17				2 2 2 6
CATA	23	0850	0925D	0855	S16	E01	.390	10273	23.4	35D	-B			0855	.98	1.07		282	
ABST	23	0902E	0920D	0902	S16	E01	.390	10273	23.5	18D	-F		P	0902	1.35	1.40		49	D
943 ARCE	23	0856	0945	0900	N10	E65	.901	10283	28.2	49	-B		C	0900	.76	1.70			H 7
944 CATA	23	0945	1005	0955	S16	E02	.391	10273	23.6	20	-N			0955	.17	.19		170	7
946 SACP	23	1335	1401	1342U	S16	W02	.391	10273	23.4	26	-F		C		.42	.42			6
953 HALE	23	2250	2338	2257	N14	E61	.868	10283	28.5	48	-F	1	C	2257	.93	1.80			4
954 TACH	24	0413	0530	0425	N12	E55	.813	10283	28.3	77	1N		C	0426	2.48	4.20		60	E 4
957 CANR	24	1023	1030	1026	S19	W69	.955	10266	19.3	7	-N		C		.50	1.30			6
GRP24961	24	1548	1625	1557	N13	E46	.715	10283	28.1	37	-F				.37				2 2 1 6
HUAN	24	1543E	1625D		N12	E50	.760	10283	28.4	42D	-F	2	C	1559	.37	.46			E
BOUL	24	1552	1615D	1557	N13	E42	.666	10283	27.8	23D	-N	8	V						
963 BOUL	24	1927	1950D	1933	S07	E72	.957	10288	30.2	23D	-F		V						6
965 HALE	24	2147	2153	2148	S19	E56	.874	10287	29.1	6	-N	2	C	2148	.31	.60			4
966 MANI	25	0009	0019	0013	N12	E44	.690	10283	28.3	10	-F	1		0013	.26	.35			4
967 MANI	25	0109	0122	0113	N12	E44	.690	10283	28.3	13	-F	1		0113	.36	.49			4
968 MANI	25	0138	0153	0140	N12	E42	.665	10283	28.2	15	-F	1		0140	.41	.56			4
969 MANI	25	0308E	0330	0310	N12	E43	.678	10283	28.4	22D	-F	1		0310	.72	.99			4
971 ONDR	25	0925E	0938		N11	E36	.584	10283	28.1	13D	-F		V	0927			1.30		CJ 5
972 CANR	25	1000	1018	1004	N08	E85	.995	10289	31.8	18	1F		C		.70	2.30			4
975 HUAN	25	1417	1433D		N15	E42	.668	10283	28.7	16D	-F	1	C	1419	.12	.14			D 7
976 HUAN	25	1542E	1550D	1546	N13	E37	.600	10283	28.4	8D	-F	1	C	1546	.17	.18			E 8
6 STATIONS REPORTING GROUP 24977. 3 STATIONS OBSERVING AND NOT REPORTING.																			
GRP24977	25	1615	1950	1704	N14	E37	.602	10283	28.5	215	-N				.95				4 2 2 8
ZURI	25	1615E	1710D	1644	N14	E37	.602	10283	28.5	55D	-N		C	1644	.62	.80			
MCMA	25	1648	1950	1701	N13	E36	.587	10283	28.4	182	1B		C	1701	1.65	2.10			ELKV
HUAN	25	1655E	1749D		N14	E38	.615	10283	28.6	54D	-F	1	P	1702	.25	.26			E
BOUL	25	1719E	1756D	1726	N14	E32	.533	10283	28.1	37D	-N		V						
24977	25	1845	1952	1847	N13	E33	.545	10283	28.3	67	*-B				1.29				2 2 1 6
BOUL	25	1845E	1849D	1847	N13	E32	.531	10283	28.2	4D	-B		S						
SANM	25	1849E	1952D		N13	E34	.559	10283	28.3	63D	-B	1	P	1851	1.29	1.55			T
24977	25	1820	1910	1835	N13	E35	.573	10283	28.4	50	*-N				.59				2 2 2 6
HUAN	25	1820E	1910D		N13	E36	.587	10283	28.5	50D	-N	1	P	1830	.75	.80			E
SACP	25	1826E	1841D	1835U	N13	E33	.545	10283	28.2	15D	-N		C		.42	.44			
978 BOUL	25	1658E	1716D	1700	N14	E52	.783	10294	29.6	18D	-N		V						8
980 HUAN	25	2213E	2234D		N12	E33	.543	10283	28.4	21D	-F	1	P	2229	.45	.48			E 6
981 BOUL	25	2315E	2317D	2317	N09	E38	.611	10283	28.8	2D	-F		S						4
982 BOUL	25	2331	2342D	2334	N13	E30	.502	10283	28.2	11D	-N		V						3
984 BOUL	26	0032E	0048D	0034	N06	E58	.844	10294	30.4	16D	-N		V						5
986 CRIM	26	0609	0619	0610	N14	E42	.667	10294	29.4	10	1N		C	0610	1.80	2.50			E 5
987 ABST	26	0958E	1044D	1006	N03	E74	.960	10289	1.0	46D	1N		C	1006	1.35			66	FK 4
992 SACP	26	1437	1449D	1449	N14	E24	.416	10283	28.4	12D	-N		C		.41	.42			5
GRP24993	26	1451	1528	1459	N13	E21	.367	10283	28.2	37	-N				.40				2 2 1 5
CATA	26	1450	1525	1500	N13	E24	.412	10283	28.4	35	-N			1500	.40	.45		200	
BOUL	26	1452	1531	1457	N13	E18	.320	10283	28.0	39	-N		V						
994 BOUL	26	1520	1531	1525	N05	E72	.949	10289	1.0	11	-N		V						7

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OBSERV-ATORY	OBSERVED UT				LOCATION					DURATION	IMPORTANCE	OBS.		MEASUREMENTS					REMARKS
	DATE 1969 AUG	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
995 HUAN	26	1625E	1626D		N13	E22	.382	10283	28.3	1D	-N	1	C	1626	.50	.49			E 5
997 BOUL	26	1703	1716	1705	N03	E63	.890	10289	31.4	13	-F		V						4
998 BOUL	26	1914	1922	1914	N04	E77	.973	10289	1.6	8	-N		V						3
000 SACP	26	2256	2301	2258	N10	E21	.358	10283	28.5	5	-N		C		.21	.21			4
003 MANI	27	0101	0123	0109	N12	E17	.300	10283	28.3	22	-F	2		0109	.93	.98			4
005 MANI	27	0251	0307	0257	N11	E14	.248	10283	28.2	16	-F	2		0257	.31	.32			4
006 MANI	27	0344	0413	0354	N09	E09	.158	10283	27.8	29	-F	2		0354	1.13	1.14			4
4 STATIONS REPORTING GROUP 25007. 7 STATIONS OBSERVING AND NOT REPORTING.																			
GRP25007	27	0550	0735	(0722)	N12	E10	.191	10283	28.0	105	-N				.40				2 2 1 11
ISTA	27	0550E	0735		N11	E11	.200	10283	28.1	105D	1N								
CAPS	27	0720E	0735		N12	E08	.162	10283	27.9	15D	-N		V	0722	.40	.40		165	
25007	27	0700	0719	0703	N14	E08	.182	10283	27.9	19	*-F				.42				2 2 2 11
MANI	27	0659	0731	0703	N14	E08	.182	10283	27.9	32	-F	2		0703	.52	.53			
MEUD	27	0701	0706	0703	N13	E08	.171	10283	27.9	5	-F		C	0703	.31	.30			E
008 ISTA	27	0620	0725	0655	N11	E43	.677	10294	30.5	65	-N								10
GRP25009	27	0633	0714	0706	N05	E58	.845	10289	31.6	41	-F				.21				2 2 1 11
HURB	27	0633E	0719D		N05	E59	.854	10289	31.7	46D	1N	8					1.80		
MEUD	27	0705	0709	0706	N05	E56	.826	10289	31.5	4	-F	8	C	0706	.21	.40			D
011 MEUD	27	0807	0814	0809	N04	E63	.889	10289	1.1	7	-F		C	0809	.26	.60			D 7
012 CATA	27	0920E	0925D	0920	N09	E51	.772	10289	31.2	5D	-N			0920	.14	.23		200	7
013 CATA	27	1150	1200	1155	N13	E04	.124	10283	27.8	10	-N			1155	.29	.29		178	8
014 CAPF	27	1205E	1220D		N13	E10	.199	10283	28.3	15D	1N		P	1210	2.27	2.31			6
018 BOUL	27	1554	1559	1555	N07	E55	.815	10289	31.8	5	-F		V						8
GRP25019	27	1632	1637	1633	S04	E53	.809	10289	31.7	5	-F				.17				2 1 1 7
HUAN	27	1632	1637		S04	E53	.809	10289	31.7	5	-F	2	C	1633	.17	.22			D
BOUL	27	1632	1636	1633	N07	E54	.804	10289	31.7	4	-F		V						
023 BOUL	27	2105	2120	2107	N10	E01	.054	10283	28.0	15	-F		V						4
024 BOUL	27	2309	2314D	2313	N10	E01	.054	10283	28.0	5D	-F		V						3
027 HALE	28	0423	0431D	0427	N07	E51	.773	10289	1.0	8D	-F	1	P	0427	.21	.30			5
028 MANI	28	0516	0527	0519	N05	E50	.763	10289	1.0	11	-F	1		0519	.41	.64			5
029 ISTA	28	0610E	0700D		N11	E00	.068	10283	28.3	50D	-N								7
GRP25030	28	0619	0703	0648	N08	E49	.750	10289	31.9	44	-B				.34				2 2 1 9
ISTA	28	0619	0706	0620	N05	E51	.774	10289	1.1	47	-N								
CATA	28	0645	0700	0650	N09	E49	.749	10289	1.0	15	-N			0650	.34	.53		200	
ISTA	28	0646	0648	0646	N07	E48	.739	10289	31.9	2	-B								
033 BOUL	28	1349	1357	1351	N12	W23	.394	10283	26.9	8	-F		V						8
034 BOUL	28	1354E	1414	1356	N05	E43	.679	10289	31.8	20D	1F		V						8
035 BOUL	28	1424	1430	1425	N14	W22	.386	10283	27.0	6	-F		V						11
036 BOUL	28	1429	1444	1433	N14	W23	.401	10283	26.9	15	-N		V						11
038 BOUL	28	1612	1635	1617	N11	W08	.153	10283	28.1	23	-N		V						4
044 HALE	29	0410	0425U	0416	S13	E34	.634	10291	31.7	15D	-N	1	C	0416	.62	.80			4
045 MITK	29	0519E	0525D	0521	N11	E43	.677	10289	1.4	6D	-F		C	0521	.62	.80			E 5
046 ABST	29	0645E	0726D	0651	S10	E13	.366	10288	30.3	41D	-N		C	0651	1.80	1.90		58	E 7
047 HTPR	29	1211	1245	1218	N23	E90	.999	10296	5.3	34	1B		C	1218	.83				6
048 CATA	29	1350	1355	1350	N13	W22	.382	10283	27.9	5	-N			1350	.29	.31		200	5
051 BOUL	29	1716	1724	1718	N11	E36	.584	10289	1.4	8	-F		V						6

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OBSERV-ATORY	OBSERVED UT				LOCATION					DURA-TION	IM-POR-TANCE	OBS.		MEASUREMENTS					REMARKS
	DATE	START	END	MAX. PHASE	APPROX. LAT.	APPROX. MER. DIST.	CENTRAL DISTANCE	MCMATH PLAGE REGION	CMP DAY	MIN.		COND.	TYPE	TIME UT	MEAS. AREA Sq. Deg.	CORR. AREA Sq. Deg.	MAX. WIDTH Hα	MAX. INT. %	
	1969 AUG																		
053 BOUL	29	2014	2022D	2015	N13	W23	.397	10283	28.1	8D	-N		S						2
057 HALE	30	0001E	0041		N07	E21	.356	10289	31.6	40D	-N	2	P	0001	.21	.20			5
058 HALE	30	0018	0035	0020	N10	E14	.244	10289	31.1	17	-N	2	C	0020	.15	.20			4
059 HALE	30	0135	0140	0135	N09	E22	.372	10289	31.7	5	-N	2	C	0135	.21	.20			4
060 HALE	30	0332	0339	0333	N13	W30	.501	10283	27.9	7	-N	2	C	0333	.36	.40			4
062 BOUL	30	1642	1654	1644	N11	W36	.584	10283	28.0	12	-N		V						4
063 BOUL	30	1657E	1703D	1657	N13	E75	.961	10296	5.3	6D	-F		S						5
065 HALE	31	0221	0243	0222	S08	W13	.341	10288	30.1	22	-F	1	C	0222	.21	.20			4
066 CRON	31	0522	0527	0523	S23	E49	.835	10292	3.9	5	-N		C		.60	1.10			H 4
067 CATA	31	0930	0950	0935	S22	E46	.806	10292	3.8	20	-N			0935	.23	.39		176	9
068 HURB	31	1113E	1121		S10	W19	.431	10288	30.0	8D	-N						1.40		8
071 HALE	31	1719	1732	1722	S08	W21	.436	10288	30.1	13	-F	2	C	1722	.15	.20			4