

DATE	TIMES	ANTENNA MODE	EXPERIMENT PURPOSE
870118	1836 2330	Elscans	Plasma Lines
870122	0118 0509	Special	Plasma Lines
870122-23	2133 0859	Multiple Position & Elscan	F-Region Meridional Neutral Winds
870124	0028 0420	Elscans	HILAT & POLAR BEAR Satellites
870127	0003 0406	Elscans	HILAT & POLAR BEAR Satellites
870127	1050 2120	Multiple Position & Elscan	World Day (GITCAD)
870127-28	2126 0028	Vertical	World Day (GITCAD)
870128-30	0029 1802	Multiple Position & Elscan	World Day (GITCAD)
870131	0132 0225	Orthogonal Elscans	HILAT & POLAR BEAR Satellites
870206-07	2345 0335	Special	Plasma Lines
870207-08	2318 0238	Special	Plasma Lines
870212-13	2255 0036	Special	Plasma Lines
870213	0041 0145	Azscans	HILAT & POLAR BEAR Satellites
870213	0204 0319	Special	Plasma Lines
870216-17	2318 0403	Special	Plasma Lines
870217	2049 2250	Orthogonal Elscans	Rocket Support
870218	2054 2309	Azscans	Rocket Support
870219	2102 2321	Elscans & Azscans	Rocket Support
870220	2035 2330	Elscans & Azscans	Rocket Support
870221	2049 2355	Azscans	Rocket Support
870221-22	2355 0353	3 Positions & Elscan	E-Region Densities
870223	0357 0900	3 Positions & Elscan	E-Region Densities
870223	2042 2347	Elscan & Azscans	Rocket Support
870223-24	2347 0202	3 Positions & Elscan	E-Region Densities
870224	2058 2352	Elscan & Azscans	Rocket Support
870224-25	2358 0134	Orthogonal Elscans	POLAR BEAR Satellite
870225	2105 2348	Elscans & Azscans	Rocket Support
870225-26	2349 0857	Special	E-Region Densities
870226-27	2043 0035	Elscan & Azscans	Rocket Support (launches at 2343 and 2349)
870227	0039 0545	Special	E-Region Densities
870227	2211 2357	Elscans	Rocket Support
870227-28	2359 0546	3 Positions & Elscan	E-Region Densities
870301	0218 0601	3 Positions & Elscan	E-Region Densities
870301-02	2109 0002	Elscans & Azscan	Rocket Support
870302	0006 0845	3 Positions & Elscan	E-Region Densities
870302-03	2039 0008	Elscans & Azscans	Rocket Support
870303-04	0010 0902	3 Positions & Elscan	E-Region Densities
870303-04	2216 0011	Elscans	Rocket Support
870304	0013 0845	3 Positions & Elscan	E-Region Densities
870304-05	2218 0024	Elscans	Rocket Support

870305	0545 0713	Elscans	Rocket Support (launches at 0632 and 0638)
870306-07	2311 0121	Orthogonal Elscans	POLAR BEAR Satellite
870308-09	2044 0057	Elscan & Azscan	POLAR BEAR & HILAT Satellites
870311-12	2201 0024	Orthogonal Elscans	POLAR BEAR Satellite
870312	1039 1244	Orthogonal Elscans	POLAR BEAR Satellite
870312-13	2231 0051	Elscan & Azscan	POLAR BEAR Satellite
870315-16	2221 0036	Elscan & Azscan	POLAR BEAR & HILAT Satellites
870318	1921 2135	Multiple Positions	Rocket Support
870319	1518 2229	Multiple Positions	Rocket Support
870319	2251 2340	Special	Plasma Lines
870319-20	2355 0644	Multiple Positions	Rocket Support
870320-21	1929 1503	Special	Rocket Support (launches at 0656, 0706 and 0721)
870325-26	0006 0313	Elscans	Rocket Support
870327	0118 0402	Elscans	Polar Cap Aurora
870328	0110 0328	Special	Plasma Lines
870329	0138 0706	Elscans	Rocket Support
870330	0020 0655	Elscans	Rocket Support
870330-31	2329 0553	Elscans	Rocket Support (3 launches at 0447)
870331-0401	0856 1602	Multiple Position & Elscan	World Day
870406-07	1953 0104	Azscans	POLAR BEAR Satellite
870408-09	1843 0003	Azscans	POLAR BEAR Satellite
870409	0027 0243	Elscans	Plasma Lines
870409-10	1938 0108	Azscans	POLAR BEAR Satellite
870412-13	1946 0057	Azscans	POLAR BEAR Satellite
870414	0113 0403	Elscans	Plasma Lines
870421	1939 2201	Orthogonal Elscans	POLAR BEAR Satellite
870424	0734 0946	Orthogonal Elscans	POLAR BEAR Satellite
870424	1945 2148	Orthogonal Elscans	POLAR BEAR Satellite
870424-25	2159 0211	Elscans	Plasma Lines
870427	0726 0931	Orthogonal Elscans	POLAR BEAR Satellite
870427	1919 2127	Orthogonal Elscans	POLAR BEAR Satellite
870428-29	0849 1605	Multiple Position & Elscan	World Day
870510-11	2202 0009	Orthogonal Elscans	HILAT Satellite
870510	0010 0329	Multiple Position & Elscan	DMSP-F7 Satellite
870514-15	2212 0004	Orthogonal Elscans	HILAT Satellite
870515	0005 0347	Multiple Position & Elscan	DMSP-F7 Satellite
870515	2141 2343	Orthogonal Elscans	HILAT Satellite
870515-16	2346 0349	Multiple Position & Elscan	DMSP-F7 Satellite
870518	1046 1359	Multiple Position & Elscan	DMSP-F7 & HILAT Satellites
870522	1033 1357	Multiple Position & Elscan	DMSP-F7 & HILAT Satellites
870523	1031 1340	Multiple Position & Elscan	DMSP-F7 & HILAT Satellites

870528	1048 1351	Multiple Position & Elscan	DMSP-F7 & HILAT Satellites
870601-05	1052 1923	4 Positions & Elscan	World Day (GISMOS)
870608	0916 1127	Orthogonal Elscans	HILAT Satellite
870611	1822 2033	Orthogonal Elscans	HILAT Satellite
870616-17	2034 0304	Azscans	Sun-Aligned Arcs
870617-18	2041 0301	Azscans	Sun-Aligned Arcs
870618-19	2032 0257	Azscans	Sun-Aligned Arcs
870619	0750 1001	Orthogonal Elscans	HILAT Satellite
870622	1550 1902	Orthogonal Elscans	POLAR BEAR & HILAT Satellites
870625	1531 1733	Orthogonal Elscans	POLAR BEAR Satellite
870630	0626 0832	Orthogonal Elscans	HILAT Satellite
870706-07	2140 0528	Azscans	Sun-Aligned Arcs
870707-08	1050 1100	3 Positions	Lower Thermospheric Coupling Study
870708	1453 1703	Orthogonal Elscans	HILAT & POLAR BEAR Satellites
870708-09	2113 0525	Azscans	Sun-Aligned Arcs
870709-10	2101 0531	Azscans	Sun-Aligned Arcs
870714	1356 1632	Orthogonal Elscans	POLAR BEAR & HILAT Satellites
870719	1324 1603	Orthogonal Elscans	POLAR BEAR & HILAT Satellites
870722-23	2125 0535	Azscans	Sun-Aligned Arcs
870723	1333 1543	Orthogonal Elscans	POLAR BEAR & HILAT Satellites
870723-24	2125 0530	Azscans	Sun-Aligned Arcs
870725	1241 1501	Orthogonal Elscans	POLAR BEAR & HILAT Satellites
870729	1309 1514	Orthogonal Elscans	POLAR BEAR Satellite
870813-14	2308 0330	Azscans	Sun-Aligned Arcs
870818	0037 0234	Orthogonal Elscans	HILAT Satellite
870818-19	2309 0328	Azscans	Sun-Aligned Arcs
870819-20	2307 0330	Azscans	Sun-Aligned Arcs
870820-21	2311 0331	Azscans	Sun-Aligned Arcs
870821	0916 1132	Orthogonal Elscans	HILAT Satellite
870821-22	2330 0330	Azscans	Sun-Aligned Arcs
870824-25	2138 0004	Multiple Position & Elscan	DMSP-F8 Satellite
870825-26	2142 0005	Multiple Position & Elscan	DMSP-F8 Satellite
870826-27	0949 1808	Multiple Position & Elscan	World Day
870828	0716 0939	Multiple Position & Elscan	DMSP-F8 Satellite
870829-30	2301 0100	Orthogonal Elscans	HILAT Satellite
870901-02	2157 0002	Multiple Position & Elscan	DMSP-F8 Satellite
870902	2146 2354	Multiple Position & Elscan	DMSP-F8 Satellite
870903-04	2159 0031	Orthogonal Elscans	HILAT & POLAR BEAR Satellites
870904	1024 1231	Orthogonal Elscans	POLAR BEAR Satellite
870904	1640 1856	Vertical	Test
870908	0719 0910	Multiple Position & Elscan	DMSP-F8 Satellite
870909	2107 2328	Orthogonal Elscans	HILAT & POLAR BEAR Satellites

870915	0717 0925	Multiple Position & Elscan	DMSP-F8 Satellite
870918	1207 1258	3 Positions	Test
870921-26	1016 1659	3 Positions	World Day (LTCS)
871005	1802 2017	Orthogonal Elscans	HILAT Satellite
871007	2008 2216	Orthogonal Elscans	POLAR BEAR Satellite
871010	1952 2200	Orthogonal Elscans	POLAR BEAR Satellite
871016	1933 2129	Orthogonal Elscans	POLAR BEAR Satellite
871017	0730 0930	Multiple Position & Elscan	DMSP-F8 Satellite
871018	0659 0921	Multiple Position & Elscan	DMSP-F8 Satellite
871018-19	2038 0526	Multiple Position & Elscan	F-Region Meridional Neutral Winds
871107	1801 2012	Orthogonal Elscans	POLAR BEAR Satellite
871109-10	0750 1802	Multiple Position, El & Azscan	Convection Pattern
871110	1808 2001	Orthogonal Elscans	POLAR BEAR Satellite
871112-13	2148 0548	Special	Arc Electrodynamics
871113	1752 1949	Orthogonal Elscans	POLAR BEAR Satellite
871113-14	1951 0605	Special	Arc Electrodynamics
871115-16	2152 0559	Special	Arc Electrodynamics
871116	1717 1929	Orthogonal Elscans	POLAR BEAR Satellite
871116-17	1931 0452	Special	Arc Electrodynamics
871119	1717 1913	Orthogonal Elscans	POLAR BEAR Satellite
871124-25	1202 1905	Multiple Position & Elscan	World Day
871203	0405 0633	Orthogonal Elscans	POLAR BEAR Satellite
871209	0355 0612	Orthogonal Elscans	POLAR BEAR Satellite
871212	0349 0552	Orthogonal Elscans	POLAR BEAR Satellite
871215	0328 0538	Orthogonal Elscans	POLAR BEAR Satellite
871217-18	2348 0255	1 Position	D-Region Ionization
871218	0310 0526	Orthogonal Elscans	POLAR BEAR Satellite
871224	0246 0450	Orthogonal Elscans	POLAR BEAR Satellite