

DATE	TIMES	ANTENNA MODE	EXPERIMENT PURPOSE
840109-10	2258 2313	Azscan & Elscan	Cap/Oval Morphology
840111	0643 1012	Orthogonal Elscans	HILAT Satellite
840112	0630 1000	Orthogonal Elscans	HILAT Satellite
840113-14	2059 0021	Orthogonal Elscans	HILAT Satellite
840114-15	2218 0110	Orthogonal Elscans	HILAT Satellite
840116-20	2353 0003	Multiple Position & Elscan	World Day (GISMOS)
840125-26	2147 0614	Azscans	Arc Electrodynamics
840126	0947 1955	Multiple Position & Elscan	Cusp Convection Pattern
840126-27	2026 0639	Azscans	Arc Electrodynamics
840127	0947 1808	Azscan & Elscan	Cusp Convection Pattern
840127-28	2212 0600	Up B	E-Region Neutral Winds
840129	1959 2230	Orthogonal Elscans	HILAT Satellite
840130	0951 1805	Multiple Position & Elscan	Cusp Convection Pattern
840130-31	2221 0600	Up B	D-Region Spectra
840202	0227 1100	Up B	E-Region Neutral Winds
840203-04	0839 0801	Multiple Position & Elscan	Convection Pattern
840205-06	2213 0456	Partial Azscans	Ionospheric Morphology
840207 09	2357 0011	Multiple Position & Elscan	World Day
840214	0355 0601	Orthogonal Elscans	HILAT Satellite
840215	1639 1923	Special	Test
840216	1157 1325	Special	Test
840216	1737 1959	Orthogonal Elscans	HILAT Satellite
840221	1730 1929	Orthogonal Elscans	HILAT Satellite
840221	1947 2024	1 Position	Test
840223-24	0200 0239	Multiple Position & Elscan	Convection Pattern
840224	0257 0503	Orthogonal Elscans	HILAT Satellite
840227	1650 1856	Orthogonal Elscans	HILAT Satellite
840302	0143 0334	Orthogonal Elscans	HILAT Satellite
840303	1546 1801	Orthogonal Elscans	HILAT Satellite
840307-08	0004 0012	Multiple Position & Elscan	World Day
840313	0020 0219	Orthogonal Elscans	HILAT Satellite
840315	1415 1621	Orthogonal Elscans	HILAT Satellite
840316	0950 1912	Multiple Position & Elscan	Cusp Convection Pattern
840319	0948 1903	Multiple Position & Elscan	Cusp Convection Pattern
840320	0955 1901	Multiple Position & Elscan	Cusp Convection Pattern
840322	1930 2112	Vertical	Test
840326-27	2253 0659	3 Positions	E-Region Neutral Winds
840329	2158 2354	Orthogonal Elscans	HILAT Satellite
840330	0018 0752	3 Positions	E-Region Neutral Winds
840331	1225 1434	Orthogonal Elscans	HILAT Satellite

840403	2113 2319	Orthogonal Elscans	HILAT Satellite
840405	1118 1426	Orthogonal Elscans	HILAT Satellite
840406	1115 1705	3 Positions	Vertical Flux
840407	1450 1538	Up B	Plasma Lines
840411	1028 1337	Orthogonal Elscans	HILAT Satellite
840413	1029 1836	Elscan & Azscan	TRIAD, NOAA & HILAT Satellites
840414	1031 1846	Elscan & Azscan	TRIAD, NOAA & HILAT Satellites
840414	1850 2239	Orthogonal Elscans	HILAT Satellite
840416	1045 1826	Elscan & Azscan	TRIAD, NOAA & HILAT Satellites
840417	1025 1840	Elscan & Azscan	TRIAD, NOAA & HILAT Satellites
840424-25	1009 1058	Multiple Position & Elscan	Convection Pattern
840426-27	1756 0017	3 Positions	D-Region Spectra
840503	0754 1031	Orthogonal Elscans	HILAT Satellite
840508	0758 1006	Orthogonal Elscans	HILAT Satellite
840508-10	2354 0007	Multiple Position & Elscan	World Day
840511	1655 1848	Orthogonal Elscans	HILAT Satellite
840514	0705 0856	Orthogonal Elscans	HILAT Satellite
840515	1000 1951	Azscan & Elscan	Convection Pattern
840517	1552 1758	Orthogonal Elscans	HILAT Satellite
840523-24	1100 0028	Azscans	Troposphere/Stratosphere Turbulence
840525	0528 0730	Orthogonal Elscans	HILAT Satellite
840529	1055 1804	Special	Field-Aligned Currents
840530	1021 2000	Multiple Position & Elscan	Solar Eclipse
840531	1023 1804	Special	Field-Aligned Currents
840602	1000 1802	Special	Field-Aligned Currents
840604	0959 1723	Special	Field-Aligned Currents
840605	0349 0602	Orthogonal Elscans	HILAT Satellite
840606	1020 1804	3 Positions	Field-Aligned Currents
840608	1248 1454	Orthogonal Elscans	HILAT Satellite
840610	0245 0458	Orthogonal Elscans	HILAT Satellite
840612	1750 2102	Partial Elscans	Ion Drift
840613	1207 1436	Orthogonal Elscans	HILAT Satellite
840613	1742 2106	Partial Elscans	Ion Drift
840623	0144 0436	Special	DMSP & HILAT Satellites
840626-27	0014 1035	Multiple Position & Elscan	World Day (GTMS)
840627	1046 1312	Special	DMSP & HILAT Satellites
840627-28	1318 2036	Multiple Position & Elscan	World Day (GTMS)
840702	0130 0329	Orthogonal Elscans	HILAT Satellite
840708	0923 1908	Multiple Position & Elscan	Convection Pattern
840709	0936 1910	Multiple Position & Elscan	Convection Pattern
840710	0853 1857	Azscan & Elscan	Convection Pattern
840711	1030 1826	Multiple Position, Az & Elscan	Convection Pattern

840712	1010 2309	Multiple Position & Elscan	Convection Pattern
840713	0900 1907	Multiple Position & Elscan	Convection Pattern
840716	0826 1027	Orthogonal Elscans	HILAT Satellite
840718-19	2224 0033	Orthogonal Elscans	HILAT Satellite
840723-25	0903 0902	Multiple Positions & Elscans	World Day (GISMOS)
840809	1816 1930	4 Positions	E-Region Instabilities
840809	2009 2202	Orthogonal Elscans	HILAT Satellite
840810	1019 1832	4 Positions	E-Region Instabilities
840811	0911 1717	4 Positions	E-Region Instabilities
840812	0857 1857	4 Positions	E-Region Instabilities
840813	0456 0704	Orthogonal Elscans	HILAT Satellite
840813	0830 1848	4 Positions	E-Region Instabilities
840814	1050 1916	4 Positions	E-Region Instabilities
840814	1946 2132	Orthogonal Elscans	HILAT Satellite
840814-15	2212 1833	Up B & Elscans	E-Region Instabilities
840817	1202 1719	Special	Troposphere/Stratosphere Turbulence
840820	1838 2031	Orthogonal Elscans	HILAT Satellite
840821-23	2347 0007	Multiple Position & Elscans	World Day
840824	0311 0535	Orthogonal Elscans	HILAT Satellite
840827	0112 0550	3 Positions	F-Region Meridional Neutral Winds
840828	0119 0455	3 Positions	F-Region Meridional Neutral Winds
840829	0116 0301	3 Positions	F-Region Meridional Neutral Winds
840829	0301 0448	Orthogonal Elscans	HILAT Satellite
840913	1754 1847	Partial Elscans	Ion Drift
840914	0050 0314	Orthogonal Elscans	HILAT Satellite
840914	1751 2101	Partial Elscans	Ion Drift
840915	0036 0245	Orthogonal Elscans	HILAT Satellite
840917	1435 1644	Orthogonal Elscans	HILAT Satellite
840917-18	2008 0801	Multiple Position & Elscan	Polar Cap Morphology
840918-19	2010 0800	Multiple Position & Elscan	Polar Cap Morphology
840919-21	2002 0207	Multiple Position & Elscans	World Day
840921-22	2013 0717	Multiple Position & Elscan	Polar Cap Morphology
840922	1414 1618	Orthogonal Elscans	HILAT Satellite
840925	2323 0116	Orthogonal Elscans	HILAT Satellite
840926	1417 1620	Orthogonal Elscans	HILAT Satellite
840927	1100 1805	Partial Azscans	Convection Pattern
841003	1336 2014	3 Positions & Azscans	E-Region Instabilities
841004	1100 1224	3 Positions & Azscans	E-Region Instabilities
841004-05	1306 0002	Azscan & Elscan	Convection Reversal
841005	1116 1841	Azscan & Elscan	Convection Reversal
841005-06	2215 0023	Orthogonal Elscans	HILAT Satellite
841006	1113 2003	Azscan & Elscan	Convection Reversal

841006-07	2159 0001	Orthogonal Elscans	HILAT Satellite
841008	1109 1922	Azscan & Elscan	Convection Reversal
841009	1056 2005	Azscan & Elscan	Convection Reversal
841014	1119 1340	Orthogonal Elscans	HILAT Satellite
841016-18	2359 0004	Multiple Position & Elscans	World Day
841113-15	2354 0009	Multiple Position & Elscans	World Day
841115-16	1937 0330	3 Positions	F-Region Meridional Neutral Winds
841119	1623 1824	Orthogonal Elscans	HILAT Satellite
841120	0717 0926	Orthogonal Elscans	HILAT Satellite
841121	0659 0900	Orthogonal Elscans	HILAT Satellite
841124	1605 1801	Orthogonal Elscans	HILAT Satellite
841125	0341 1151	Multiple Position & Elscan	Morning Aurora
841125	1155 1236	Special	Test
841126	0553 1350	Multiple Position & Elscan	Morning Aurora
841127	0352 1152	Multiple Position & Elscan	Morning Aurora
841128	0347 1156	Multiple Position & Elscan	Morning Aurora
841129	0356 1200	Multiple Position & Elscan	Morning Aurora
841203	0510 0704	Orthogonal Elscans	HILAT Satellite
841206	1551 1732	Orthogonal Elscans	HILAT Satellite
841208	1429 1631	Elscan & Azscan	HILAT Satellite
841210	1340 1604	Orthogonal Elscans	HILAT Satellite
841211	1321 1534	Orthogonal Elscans	HILAT Satellite
841211	1534 1626	Multiple Position & Elscans	Test
841215	1918 2149	Elscan & Azscan	Test
841216-17	1927 1106	Multiple Positions	F-Region Meridional Neutral Winds
841217-18	2308 0600	3 Positions	Polar Cap Aurora
841218-19	2352 2338	Multiple Position & Elscans	World Day