

DATE	TIMES	ANTENNA MODE	EXPERIMENT PURPOSE
850104	0043 0314	Orthogonal Elscans	HILAT Satellite
850104-05	2253 0603	3 Positions	Polar Cap Aurora
850106	1802 2219	Special	Test
850107	1001 1226	Orthogonal Elscans	HILAT Satellite
850107	1240 1327	Special	Test
850112	1008 1157	Azscan & Elscan	HILAT Satellite
850112	1201 1312	Elscans	Test
850113	0132 0442	Partial Azscans	Ionospheric Morphology
850114	0906 1213	Special	Rocket Support
850115	0951 1053	Special	Rocket Support
850115-18	1059 1212	Multiple Position & Elscan	World Day (GTMS)
850118	1437 1614	Special	Test
850118-19	2214 0630	Azscans	Ionospheric Morphology
850119	0642 1121	Special	Rocket Support
850121	0654 1050	Special	Rocket Support
850122	0050 0259	Azscans	Ionospheric Morphology
850122	0632 1038	Special	Rocket Support
850123	0701 1131	Special	Rocket Support (launches at 0923 and 0926)
850125-26	2317 0040	Orthogonal Elscans	HILAT Satellite
850128	0822 1007	Orthogonal Elscans	HILAT Satellite
850130-31	2159 0001	Orthogonal Elscans	HILAT Satellite
850203	0706 0904	Orthogonal Elscans	HILAT Satellite
850205	2102 2303	Orthogonal Elscans	HILAT Satellite
850207	0018 0216	Azscan & Elscan	Test
850208-09	1938 0239	Azscan & Elscan	Rocket Support
850209-10	2044 0307	Special	Rocket Support (launches at 0211 and 0213)
850211-12	2252 0635	Azscan & Elscan	Cleft Emissions
850212-13	2232 0333	Azscan & Elscan	Cleft Emissions
850214	0521 0730	Azscans	HILAT Satellite
850215-16	2353 0354	Multiple Position & Elscan	Cleft Emissions
850216	1908 2129	Azscans	HILAT Satellite
850217	0052 0311	Special	Arc Structure
850217-18	2327 0230	Multiple Position & Elscan	Cleft Emissions
850219	0204 0447	Multiple Position & Elscan	Cleft Emissions
850219-20	2332 0428	Multiple Position & Elscan	Cleft Emissions
850220	0438 0628	Azscans	HILAT Satellite
850220-21	2303 0511	Multiple Position & Elscan	Cleft Emissions
850221	1921 2125	Azscans	HILAT Satellite
850221-22	2131 0014	Multiple Position & Elscan	Cleft Emissions
850222-23	2059 0248	Multiple Position & Elscan	Cleft Emissions

850224	1717 2224	Azscans	Rocket Support
850225	1641 1843	Azscans	Rocket Support
850225	1843 2048	Azscans	Rocket Support
850225	2058 2137	1 Position	Rocket Support
850226	1708 2201	Special	Rocket Support
850227	1652 2131	Special	Rocket Support
850228	1650 2143	Azscans & Elscan	Rocket Support
850301	1633 2029	Special	Rocket Support
850302	1645 2202	Special	Rocket Support
850302-03	2202 0300	Azscans & Elscan	E-Region Irregularities
850303	1633 2143	Azscans & Elscan	Rocket Support
850304	1655 2203	Azscans & Elscan	Rocket Support
850305	1618 2146	Special	Rocket Support (launch at 2038)
850305-06	2146 0217	Special	E-Region Irregularities
850307	1921 2121	Multiple Positions	Test
850309	0228 0430	Azscans	HILAT Satellite
850309-10	2200 0147	Partial Azscans	Rocket Support
850310-11	2102 0237	Partial Azscans	Rocket Support
850311-12	2107 0218	Partial Azscans	Rocket Support
850313	1807 2106	Multiple Positions	Rocket Support
850314-15	2129 0332	Partial Azscans	Rocket Support (launch at 0205)
850315	1648 1818	Azscans	HILAT Satellite
850315	1829 2147	Multiple Positions	Rocket Support
850316	0253 0416	Elscans	Plasma Lines
850317	1815 2126	Multiple Positions	Rocket Support
850317	2127 2310	Partial Azscans	Rocket Support
850318	1935 1952	Multiple Positions	Rocket Support
850319	1057 1531	Multiple Position & Elscan	World Day (GISMOS)
850319	2058 2201	Multiple Positions	Rocket Support & World Day (GISMOS)
850320	1040 2300	Multiple Position & Elscan	World Day (GISMOS)
850320	2300 2315	Azscans	Rocket Support & World Day (GISMOS)
850320-21	2315 2250	Multiple Position & Elscan	World Day (GISMOS)
850321	2250 2346	Azscans	Rocket Support & World Day (GISMOS)
850321-22	2347 1207	Multiple Position & Elscan	World Day (GISMOS)
850322	2221 2351	Azscans	Rocket Support
850323	1912 2252	Multiple Position & Elscans	AMPTE Satellite Chemical Release Coverage
850323	2302 2353	Azscans	Rocket Support
850323-24	2352 0456	Multiple Position & Elscans	AMPTE Satellite Chemical Release Coverage
850325-26	2250 0128	Special	Plasma Lines
850326	1451 1702	Azscans	HILAT Satellite
850326	1704 2101	Azscan & Elscan	Ionization Structure
850328-29	1855 0853	Multiple Position & Elscans	AMPTE Satellite Chemical Release Coverage

850330	0043 0233	Azscans	HILAT Satellite
850330	0233 0306	Elskans	Plasma Lines
850331-0401	2241 0216	Special	Plasma Lines
850401	1154 1905	Multiple Position & Elscan	Ionization Structure
850411	1758 2206	Special	Plasma Lines
850412-13	1048 1209	Multiple Position & Elscans	AMPTE Satellite Chemical Release Coverage
850414-15	2200 0001	Azscans	HILAT Satellite
850417	1146 1406	Azscans	HILAT Satellite
850418-19	1901 0801	Multiple Position & Elscans	AMPTE Satellite Chemical Release Coverage
850420-21	1846 0708	Multiple Position & Elscans	AMPTE Satellite Chemical Release Coverage
850422	1148 1338	Azscans	HILAT Satellite
850422-23	2350 0437	Multiple Position & Elscans	AMPTE Satellite Chemical Release Coverage
850423-24	1042 1202	Multiple Position & Elscans	World Day
850425	2007 2257	Azscans	HILAT Satellite
850426-27	2350 0635	Special	Plasma Lines
850430	1958 2208	Azscans	HILAT Satellite
850509	0730 0952	Azscans	HILAT Satellite
850512	1640 1900	Azscans	HILAT Satellite
850514	1748 2003	Special	Plasma Lines
850515	0831 1031	Azscans	HILAT Satellite
850516	1624 1910	Special	Plasma Lines
850517	0941 1801	Multiple Positions	Cleft Convection Pattern
850518	0953 1740	Multiple Positions	Cleft Convection Pattern
850519	0952 1758	Multiple Positions	Cleft Convection Pattern
850521-22	1046 1200	Multiple Position & Elscans	World Day
850522	1202 1806	Multiple Position & Elscan	Cleft Convection Pattern
850528	1633 1835	Azscans	HILAT Satellite
850529	1604 1814	Azscans	HILAT Satellite
850530-31	0856 2006	Azscan & Elscan	Convection Electric Fields
850603	0801 1606	Up B & Elscans	Acoustic Gravity Wave Detection
850604	1153 1956	Up B & Elscans	Acoustic Gravity Wave Detection
850605	1147 1523	Special	Flux Transfer Event
850607	1114 1925	Up B	Acoustic Gravity Wave Detection
850611	0501 0722	Azscans	HILAT Satellite
850613	1501 1701	Azscans	HILAT Satellite
850614	1353 1613	Azscans	HILAT Satellite
850619	1334 1544	Azscans	HILAT Satellite
850622	0352 0555	Azscans	HILAT Satellite
850623	1013 1805	Mostly Elscans	Magnetic Disturbance Propagation
850624	0951 1757	Mostly Elscans	Magnetic Disturbance Propagation
850625-26	1151 1259	Multiple Position & Elscans	World Day
850627	0326 0529	Azscans	HILAT Satellite

850627	1002 1757	Mostly Elscans	Magnetic Disturbance Propagation
850628	0946 1759	Mostly Elscans	Magnetic Disturbance Propagation
850629	0946 1804	Orthogonal Elscans	Magnetic Disturbance Propagation
850705	1157 1406	Azscans	HILAT Satellite
850708	0201 0401	Azscans	HILAT Satellite
850711	1112 1309	Azscans	HILAT Satellite
850712	1027 1238	Azscans	HILAT Satellite
850715	1051 1701	Multiple Positions	Hydromagnetic Wave Signatures
850716	1052 1636	Multiple Positions	Hydromagnetic Wave Signatures
850717	1056 1705	Multiple Positions	Hydromagnetic Wave Signatures
850718	0938 1807	Multiple Positions	Cusp Convection Pattern
850719	0030 0240	Azscans	HILAT Satellite
850719	0948 1804	Multiple Positions	Cleft Convection Pattern
850720	0950 1807	Multiple Positions	Cleft Convection Pattern
850721	1011 1811	Multiple Positions	Cleft Convection Pattern
850722	1002 1850	Multiple Positions	Cleft Convection Pattern
850723	0956 2301	Azscan & Elscan	Cap/Oval Boundary
850725-26	0945 0219	Special	Cap/Oval Boundary
850726	0954 1813	Multiple Position & Elscan	Cleft Convection Pattern
850730-31	2159 0607	Special	Ionospheric Structure
850801	1002 1807	Special	Ionospheric Structure
850806	1511 2304	Special	Troposphere/Stratosphere Turbulence
850807	0754 0945	Azscans	HILAT Satellite
850807	1500 1610	Special	Plasma Lines
850808	0949 2100	Multiple Positions	E-Region Instabilities
850809	0817 2001	Special	Flux Transfer Events
850809	2116 2347	Azscans	HILAT Satellite
850810	0839 2106	Multiple Positions	E-Region Instabilities
850812	0846 1313	Multiple Positions	E-Region Instabilities
850812	1649 1903	Special	Plasma Lines
850812	1913 2032	Multiple Positions	E-Region Instabilities
850813-14	1044 1200	Multiple Position & Elscan	World Day
850814	1217 1946	Multiple Positions	E-Region Instabilities
850815	1622 2009	Special	Plasma Lines
850818	0622 0822	Azscans	HILAT Satellite
850823-24	2301 0304	Special	Plasma Lines
850824	0517 0717	Azscans	HILAT Satellite
850825	2021 2201	Azscans	HILAT Satellite
850826	1928 2129	Azscans	HILAT Satellite
850910-11	1101 1206	Multiple Position & Elscan	World Day
850916	1701 1902	Azscans	HILAT Satellite
850920	0152 0410	Azscans	HILAT Satellite

850920	1159 1805	Elskans	Ionization Distribution
850922	1604 1812	Azscans	HILAT Satellite
850925	1149 1833	Elskans	Ionization Distribution
850925	1845 2100	1 Position	Convection with Goose Bay HF Radar
850927	1157 1831	Elskans	Ionization Distribution
850927	1849 2106	1 Position	Convection with Goose Bay HF Radar
850928	1759 2322	Special	Plasma Lines
851003	1222 1430	Orthogonal Elscans	HILAT Satellite
851004	1405 1613	Orthogonal Elscans	HILAT Satellite
851008	1440 1618	Orthogonal Elscans	HILAT Satellite
851012	1150 1559	Orthogonal Elscans	DE-1 Satellite
851014	1149 1559	Orthogonal Elscans	DE-1 Satellite
851014-19	1610 0001	3 Positions	World Day (WAGS)
851022-23	2201 0001	Orthogonal Elscans	HILAT Satellite
851028	1011 1739	Special	Flux Transfer Event
851028	2049 2306	Orthogonal Elscans	HILAT Satellite
851029	1011 1736	Special	Flux Transfer Event
851030	0949 1909	Special	Flux Transfer Event
851102	2014 2230	Orthogonal Elscans	HILAT Satellite
851105	1047 1233	Orthogonal Elscans	HILAT Satellite
851106	2041 2232	Multiple Position & Elscans	F-Region Meridional Neutral Winds
851111-12	2055 0907	Multiple Position & Elscan	F-Region Meridional Neutral Winds
851112-13	1200 1307	Multiple Position & Elscan	World Day
851114-15	1844 0806	Multiple Position & Elscan	Polar Cap Arcs & Field-Aligned Currents
851116	0502 1459	Multiple Position & Elscan	Polar Cap Arcs & Field-Aligned Currents
851117	0642 1505	Multiple Position & Elscan	Polar Cap Arcs & Field-Aligned Currents
851118-19	1859 0401	Multiple Position & Elscan	Polar Cap Arcs & Field-Aligned Currents
851121	0809 1041	Orthogonal Elscans	HILAT Satellite
851124-25	1720 0305	Multiple Position & Elscan	Polar Cap Arcs & Field-Aligned Currents
851126	0746 1019	Orthogonal Elscans	HILAT Satellite
851127	0810 0956	Orthogonal Elscans	HILAT Satellite
851129	0135 0400	Special	Plasma Lines
851130-1201	2348 0502	Special	Plasma Lines
851202-03	2149 0319	Special	Plasma Lines
851204	0017 0359	Special	Plasma Lines
851205	1358 1605	3 Positions & El & Azscan	Large-Scale Convection Dynamics
851205	1611 1819	Orthogonal Elscans	HILAT Satellite
851207	0645 0853	Orthogonal Elscans	HILAT Satellite
851208-09	1848 1116	Multiple Position & Elscan	F-Region Meridional Neutral Winds
851209	1900 2103	Multiple Position & Elscan	F-Region Meridional Neutral Winds
851210	1529 1800	Orthogonal Elscans	HILAT Satellite
851210	1814 1959	Multiple Position & Elscan	F-Region Meridional Neutral Winds

851211-12	1856 1108	Multiple Position & Elscan	F-Region Meridional Neutral Winds
851213	0537 0753	Orthogonal Elscans	HILAT Satellite
851216	1437 1650	Orthogonal Elscans	HILAT Satellite
851216	1703 1952	1 Position	Convection with Goose Bay HF Radar
851217	0754 2001	Multiple Position & Elscan	Dayside Electric Fields
851218	0457 0721	Orthogonal Elscans	HILAT Satellite
851218	0728 2000	Multiple Position & Elscan	Dayside Electric Fields
851219	0738 2003	Multiple Position & Elscan	Dayside Electric Fields