

DATE	TIMES	ANTENNA MODE	EXPERIMENT PURPOSE
890106-07	2351 0234	Special	Test
890107	1949 2125	1 Position	D-Region Ionization
890107-08	2207 0148	1 Position	Test
890108	1520 1645	3 Positions	D-Region Ionization
890108	1659 1845	3 Positions	Test
890108	2007 2245	1 Position	Stratosphere/Troposphere Turbulence
890109	2138 2345	1 Position	Stratosphere/Troposphere Turbulence
890110-11	2046 0050	Multiple Positions	Test
890111	1808 2003	Multiple Positions	Test
890112	0756 2059	8 Positions & Elscan	Convection Pattern
890112-13	2120 0732	Elscans	Cap/Oval Boundary
890113	0733 1559	8 Positions	Convection Pattern
890114	0510 1303	8 Positions	Convection Pattern
890114-15	1803 0501	Elscans	Cap/Oval Boundary
890115	0503 1250	8 Positions	Convection Pattern
890115-16	1733 0509	Elscans	Cap/Oval Boundary
890116-17	1739 0536	Elscans	Cap/Oval Boundary
890117	1745 2326	Elscans	Cap/Oval Boundary
890120	0630 0831	Orthogonal Elscans	HILAT Satellite
890123	1802 2106	Multiple Positions	Test
890127	1152 1804	2 Positions & Elscans	F-Region Polar Cusp
890128	1435 1705	Orthogonal Elscans	HILAT Satellite
890129	1137 1758	2 Positions & Elscans	F-Region Polar Cusp
890130	0056 0441	4 Positions & Elscans	Plasma Density and Temperature
890131	0039 0453	3 Positions & Elscan	Plasma Density and Temperature
890131	0506 0710	Orthogonal Elscans	HILAT Satellite
890131-0201	2226 0700	3 Positions	Plasma Density and Temperature
890202	0144 0512	3 Positions	Plasma Density and Temperature
890203	1416 1612	Orthogonal Elscans	HILAT Satellite
890203-04	2101 0703	Up B	Ion Composition
890204-05	2342 1014	Up B	Ion Composition
890205-06	2028 0948	Up B	Ion Composition
890206-07	2257 0517	3 Position & Multiple Position	Plasma Density and Temperature
890207-08	2309 0629	3 Position & Multiple Position	Plasma Density and Temperature
890208	1100 1701	Elscan & Azscan	F-Region Polar Cusp Signature
890208-09	2207 0929	3 Positions	Plasma Density and Temperature
890209	1045 1703	Elscan & Azscan	F-Region Polar Cusp Signature
890210	0048 0702	3 Positions	Plasma Density and Temperature
890214	1305 1436	Orthogonal Elscans	HILAT Satellite
890216	0252 0503	Orthogonal Elscans	HILAT Satellite

890221	0240 0431	Orthogonal Elscans	HILAT Satellite
890222	0151 0359	Orthogonal Elscans	HILAT Satellite
890301	1045 1303	Orthogonal Elscans	HILAT Satellite
890301-02	2034 0906	4 Positions	Lower Thermospheric Neutral Winds
890302	1012 1232	Orthogonal Elscans	HILAT Satellite
890302-03	2041 0902	4 Positions	Lower Thermospheric Neutral Winds
890303	0913 1659	Elscan & Azscan	F-Region Density Structure
890303-04	2107 0255	Special	Arc Electrodynamics
890304	0256 0314	Special	Sun-Aligned Arcs
890304	0315 0400	Special	Arc Electrodynamics
890305-06	2148 0230	Special	Arc Electrodynamics
890306	0232 0300	Special	Sun-Aligned Arcs
890306	0302 0412	Special	Arc Electrodynamics
890306	0942 1625	3 Positions	World Day
890306-07	1634 1824	Multiple Position & Elscan	World Day
890307	1827 2228	Multiple Position & Elscan	Solar Flare
890307-08	2231 0522	Special	Arc Electrodynamics
890308	0523 0602	Special	Sun-Aligned Arcs
890308	0950 1754	Elscan & Azscan	F-Region Density Structure
890308-09	2235 0351	Special	Arc Electrodynamics
890309-10	2249 0703	Special	Field-Aligned Drifts
890310	1803 1912	3 Positions	Test
890310-11	2338 0356	Special	Sun-Aligned Arcs
890311-12	2354 0700	Special	Field-Aligned Drifts
890312-13	2358 0855	Special	Sun-Aligned Arcs
890313-14	0903 1803	Multiple Position & Elscan	Solar Flare
890315-16	2329 0509	Multiple Position & Elscan	Field-Aligned Drifts
890317	0902 1100	Orthogonal Elscans	HILAT Satellite
890319-20	2258 0102	Orthogonal Elscans	HILAT Satellite
890323	1045 1536	Special	Test
890403	2133 2324	Orthogonal Elscans	HILAT Satellite
890406	1143 1600	Special	Test
890407	0620 0822	Orthogonal Elscans	HILAT Satellite
890410-11	1013 1000	Multiple Position & Elscan	Solar Flare
890411-12	1000 1800	Multiple Position & Elscan	World Day
890414	0924 1630	3 Positions	Hydromagnetic Waves
890415	1027 1639	3 Positions	Hydromagnetic Waves
890417	1028 1630	3 Positions	Hydromagnetic Waves
890418	1113 1709	3 Positions	Hydromagnetic Waves
890419	1041 1711	3 Positions	Hydromagnetic Waves
890420	1049 1701	3 Positions	Hydromagnetic Waves
890424	1851 2053	Orthogonal Elscans	HILAT Satellite

890425	1735 2015	Orthogonal Elscans	HILAT Satellite
890430	1805 1948	Orthogonal Elscans	HILAT Satellite
890504	1350 2005	Vertical	Current-Driven Instabilities
890505	1637 1915	Orthogonal Elscans	HILAT Satellite
890508	1412 2008	Vertical	Current-Driven Instabilities
890509	0145 0400	Orthogonal Elscans	HILAT Satellite
890509-10	0949 1759	Multiple Position & Elscan	World Day
890515	1618 1802	Orthogonal Elscans	HILAT Satellite
890519	0056 0301	Orthogonal Elscans	HILAT Satellite
890522-23	2055 0300	Elscan & Azscan	Convection Pattern
890524	0021 0226	Orthogonal Elscans	HILAT Satellite
890526	1421 1634	Orthogonal Elscans	HILAT Satellite
890530	0941 2016	3 Positions	World Day (LTCS)
890530-31	2025 0031	Vertical	World Day (LTCS)
890531-0604	0032 1307	3 Positions	World Day (LTCS)
890605	1324 1526	Orthogonal Elscans	HILAT Satellite
890623	1609 2101	Vertical	Mesospheric Echoes
890626	1621 2100	Vertical	Mesospheric Echoes
890627	1617 2100	Vertical	Mesospheric Echoes
890628	1643 2100	Vertical	Mesospheric Echoes
890629	1710 2100	Vertical	Mesospheric Echoes
890630	1700 2100	Vertical	Mesospheric Echoes
890710	1223 1633	3 Positions	E-Region Instabilities
890712	1315 1401	3 Positions	Test
890801-03	1006 1803	Elscans	World Day (GISMOS)
890806	2021 2209	3 Positions	Test
890810	0945 1606	Multiple Positions	E-Region Instabilities
890828-0901	0953 1728	3 Positions	World Day (WAGS)
890908	0038 0339	1 Position	High-Altitude Densities
890908	1222 2033	Vertical	Current-Driven Instabilities
890911	1101 1706	Elscan & Azscan	DMSP-F9 Satellite
890915	1105 1706	Elscan & Azscan	DMSP-F9 Satellite
890926	1458 1659	3 Positions	Hydromagnetic Waves
890927	1055 1651	3 Positions	Hydromagnetic Waves
890928	1103 1702	3 Positions	Hydromagnetic Waves
890930	1050 1654	3 Positions	Hydromagnetic Waves
891002-06	0959 1800	Multiple Position & Elscan	World Day (GITCAD & SUNDIAL)
891016-17	2206 2302	Special	Convection Pattern
891018	1156 2001	Vertical	Current-Driven Instabilities
891024-25	2353 0219	Special	Arc Electrodynamics
891027-28	2200 0004	Special	Arc Electrodynamics
891028-29	2033 0716	Special	Arc Electrodynamics

891029-30	2127 0623	Special	Arc Electrodynamics
891031	0955 1041	Special	World Day
891031-1101	1440 1809	Special	World Day
891103	0800 1222	3 Positions	Heavy-Ion Outflow
891103	1226 1300	Special	Field-Aligned Coherent Echoes
891104	1301 1700	3 Positions	Heavy-Ion Outflow
891103	2152 2329	Special	Arc Electrodynamics
891103-04	2343 0003	1 Position	Inverted-V Backscatter
891104	0008 0215	Special	Arc Electrodynamics
891104	0222 0252	Special	Inverted-V Backscatter
891104	0745 1234	3 Positions	Heavy-Ion Outflow
891104	1235 1315	Special	Field-Aligned Coherent Echoes
891104	1316 1607	3 Positions	Heavy-Ion Outflow
891104-05	2255 0028	Special	Inverted-V Backscatter
891105	0048 0603	Azscans & Up B	E-Region Instabilities
891105	0611 0742	Special	Field-Aligned Coherent Echoes
891105	0747 1605	3 Positions	Heavy-Ion Outflow
891105-06	2103 0105	Azscans & Up B	E-Region Instabilities
891106	0122 0352	Special	Field-Aligned Coherent Echoes
891106-07	2137 0007	Azscans & Up B	E-Region Instabilities
891107	0010 0331	1 Position	Inverted-V Backscatter