

Date	Times	Antenna Mode	XMTR Mode	Experiment Purpose
970101-02	1924 0602	Comp & Elscan	320 / 320	LLBL Measurements with ISTEP Sats
970104-05	2146 0300	Up B	AC / 320	Auroral Emissions with Optics
970105	0304 0600	Comp & Elscan	AC / 320	Auroral Emissions with Optics
970105	0937 1800	Special	320 / 320	Convection Reversal Measurements with ISTEP Sats
970106-10	1536 1602	3 Positions	AC / 320	World Day (CADITS & MLTCS)
970110-11	2137 0300	Up B	AC / 320	Auroral Emissions with Optics
970112-13	2128 0505	Comp & Elscan	320 / 320	LLBL Measurements with ISTEP Sats
970124	0927 1800	Special	320 / 320	Convection Reversal Measurements with ISTEP Sats
970127	0939 1823	Special	320 / 320	Convection Reversal Measurements with ISTEP Sats
970128	1846 2300	Up B	28-PP / 0	High-Resolution Sporadic E Measurements
970130	0930 1801	Special	320 / 320	Convection Reversal Measurements with ISTEP Sats
970201	0938 1805	Special	320 / 320	Convection Reversal Measurements with ISTEP Sats
970201-02	2029 0659	Compscans	28-BC / 320	Sporadic E Layers and Electric Fields
970202	0937 1804	Special	320 / 320	Convection Reversal Measurements with ISTEP Sats
970202-03	2036 0702	Compscans	28-BC / 320	Sporadic E Layers and Electric Fields
970203-04	2349 0500	Up B	AC / 320	Auroral Emissions with Optics
970205-06	2128 0425	Elscans & Up B	AC / 320	Auroral Emissions with Optical Spectroscopy
970206	0428 0630	3 Positions	AC / 320	Joule Heating Rates with MSX Satellite
970206-07	2133 0441	Elscans & Up B	AC / 320	Auroral Emissions with Optical Spectroscopy
970207-08	2131 0127	Elscans & Up B	AC / 320	Auroral Emissions with Optical Spectroscopy
970208-09	1936 0500	Comp & Elscan	320 / 320	LLBL Measurements with ISTEP Sats
970209-10	2136 0500	Elscans & Up B	AC / 320	Auroral Emissions with Optical Spectroscopy
970210-11	2132 0001	Elscans & Up B	AC / 320	Auroral Emissions with Optical Spectroscopy
970212-13	2211 0331	Up B	AC / 320	Auroral Emissions with Optics
970213	0946 1804	Special	320 / 320	Convection Reversal Measurements with ISTEP Sats
970215	0009 0501	Elscans & Up B	AC / 320	Auroral Emissions with Optical Spectroscopy
970215	0942 1804	Special	320 / 320	Convection Reversal Measurements with ISTEP Sats
970219-20	1928 0502	Comp & Elscan	320 / 320	LLBL Measurements with ISTEP Sats
970220-21	1927 0500	Comp & Elscan	320 / 320	LLBL Measurements with ISTEP Sats
970226	0941 1803	Special	320 / 320	Convection Reversal Measurements with ISTEP Sats
970303-04	2343 0338	3 Positions	AC / 320	E Field and Joule Heating Rate, coordinated with Optics
970306	0534 0637	3 Positions	AC / 320	E Field and Joule Heating Rate, coordinated with Optics
970306-07	2349 0704	3 Positions	AC / 320	E Field and Joule Heating Rate, coordinated with Optics
970307-08	2348 0631	3 Positions	AC / 320	E Field and Joule Heating Rate, coordinated with Optics
970309	0023 0511	3 Positions	AC / 320	E Field and Joule Heating Rate, coordinated with Optics
970310-11	2319 0606	3 Positions	AC / 320	E Field and Joule Heating Rate, coordinated with Optics
970311-12	1552 1600	3 Positions	AC / 320	World Day (Sundial)
970312-13	2346 0700	3 Positions	AC / 320	E Field and Joule Heating Rate, coordinated with Optics
970314	0054 0531	3 Positions	AC / 320	E Field and Joule Heating Rate, coordinated with Optics
970317-18	1758 1002	Comp & Elscan	320 / 320	LLBL Measurements with ISTEP Sats
970318-19	2155 0803	Comp & Elscan	320 / 320	LLBL Measurements with ISTEP Sats
970319	1309 1912	5 Positions	2-CCPP / 20-CCPP	ST Measurements with LIDAR and Balloon-sonde
970319-20	2052 0703	Compscans	28-BC / 320	Sporadic E Layers and Electric Fields
970320	0949 1803	Special	320 / 320	Convection Reversal Measurements with ISTEP Sats
970325	1158 1603	3 Positions	AC / 320	E-Region Conductivities
970326	0955 1801	Special	320 / 320	Convection Reversal Measurements with ISTEP Sats
970327	1405 1805	3 Positions	AC / 320	E-Region Conductivities
970408-10	1541 1559	Compscans	320 / 320	World Days (WLS)
970410-11	1705 1600	3 Positions	450 / 320	Ion Composition Measurements
970415	1157 1615	3 Positions	AC / 320	E-Region Conductivities
970416	1348 1805	3 Positions	AC / 320	E-Region Conductivities
970419-20	1549 0005	Comp & Elscan	320 / 320	LLBL Measurements with ISTEP Sats
970420-21	1546 0602	Comp & Elscan	320 / 320	LLBL Measurements with ISTEP Sats
970503	1047 1600	Elscan & Azscan	320 / 320	Persistent F-Region Structures
970505	1051 1056	Elscan & Azscan	320 / 320	Persistent F-Region Structures
970505	1923 2024	Up B	AC / 320	Testing
970506-07	1929 0801	Comp & Elscan	320 / 320	LLBL Measurements with ISTEP Sats
970511	1048 1800	Elscan & Azscan	320 / 320	Persistent F-Region Structures
970511-12	1805 0403	Comp & Elscan	320 / 320	LLBL Measurements with ISTEP Sats
970512	1359 1800	3 Positions	AC / 320	E-Region Conductivities
970512-13	2050 0700	Compscans	28-BC / 320	Sporadic E Layers and Electric Fields
970513	1147 1605	3 Positions	AC / 320	E-Region Conductivities
970513	2051 2257	Compscans	28-BC / 320	Sporadic E Layers and Electric Fields
970514	1606 1716	Up B	AC / 320	Testing
970522	1111 1803	Elscan & Azscan	320 / 320	Persistent F-Region Structures
970527-28	1947 0402	Comp & Elscan	320 / 320	LLBL Measurements with ISTEP Sats
970528-29	2051 0702	Compscans	28-BC / 320	Sporadic E Layers and Electric Fields
970603-06	1537 1600	3 Positions	450 / 320	World Day (POLITE)
970611-12	2044 0503	Comp & Elscan	320 / 320	LLBL Measurements with ISTEP Sats
970618	1543 1642	Up B	AC / 320	Testing
970623-27	1543 1601	3 Positions	AC / 320	World Day (CADITS & MLTCS)
970703-04	1752 1001	Comp & Elscan	320 / 320	LLBL Measurements with ISTEP Sats
970708-09	2044 2102	3 Positions	450 / 320	Ion Composition Measurements
970709-10	2106 1000	Comp & Elscan	320 / 320	LLBL Measurements with ISTEP Sats
970714	1347 1804	3 Positions	AC / 320	E-Region Conductivities
970714-15	2053 0502	Comp & Elscan	320 / 320	LLBL Measurements with ISTEP Sats

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970716	1819 1923	Up B	320 / 320	Testing
970716-17	2052 0707	Compscans	28-BC / 320	Sporadic E Layers and Electric Fields
970717	1807 2209	Up B	28-PP / 0	High-Resolution Sporadic E Measurements
970721	1140 1602	3 Positions	AC / 320	E-Region Conductivities
970721-22	2043 0704	Compscans	28-BC / 320	Sporadic E Layers and Electric Fields
970725-26	2109 0800	Comp & Elscan	320 / 320	LLBL Measurements with ISTP Sats
970728	2046 2153	Compscans	28-BC / 320	Sporadic E Layers and Electric Fields
970806	1359 1804	3 Positions	AC / 320	E-Region Conductivities
970806-07	2142 0502	Compscans	28-BC / 320	High-Resolution D- and E-Region Structure
970807-08	2216 0501	Compscans	28-BC / 320	High-Resolution D- and E-Region Structure
970810	0100 0505	Compscans	28-BC / 320	High-Resolution D- and E-Region Structure
970812-13	2322 0500	Compscans	28-BC / 320	High-Resolution D- and E-Region Structure
970813-14	2317 0300	Compscans	28-BC / 320	High-Resolution D- and E-Region Structure
970815-16	2332 0503	Compscans	28-BC / 320	High-Resolution D- and E-Region Structure
970816-17	2349 0211	Compscans	28-BC / 320	High-Resolution D- and E-Region Structure
970818-19	1957 2000	3 Positions	450 / 320	Ion Composition Measurements
970819-20	2003 0600	Comp & Elscan	320 / 320	LLBL Measurements with ISTP Sats
970821	1158 1604	3 Positions	AC / 320	E-Region Conductivities
970824-25	2000 0502	Comp & Elscan	320 / 320	LLBL Measurements with ISTP Sats
970828	1134 1537	Up B	28-PP / 320	High-Resolution Sporadic E Measurements
970829	1254 1700	Up B	28-PP / 320	High-Resolution Sporadic E Measurements
970902-03	1545 1557	Compscans & 3 Pos	AC / 320	World Day
970903	1602 2357	Comp & Elscan	320 / 320	LLBL Measurements with ISTP Sats
970904-05	0002 0001	3 Positions	450 / 320	Ion Composition Measurements
970905	1410 1820	3 Positions	AC / 320	E-Region Conductivities
970908	1143 1600	3 Positions	AC / 320	E-Region Conductivities
970908-09	2047 0502	Comp & Elscan	320 / 320	LLBL Measurements with ISTP Sats
970914-15	2050 1201	Comp & Elscan	320 / 320	Measurements with ISTP Sats
970924	1155 1956	Comp & Elscan	320 / 320	Measurements with ISTP Sats
970924-25	1958 0501	Comp & Elscan	320 / 320	LLBL Measurements with ISTP Sats
970926-27	1151 1407	Compscans & 3 Pos	AC / 320	CME Monitoring
970928	0105 0515	Up B	AC / 320	Auroral Emissions with Optics
970929	0113 0515	Up B	AC / 320	Auroral Emissions with Optics
970930	0024 0430	Up B	28-PP / 320	High-Resolution Sporadic E Measurements
970930-1002	1629 0058	Compscans & Up B	AC / 320	CME Monitoring
971003-04	2350 0500	Up B	AC / 320	Auroral Emissions with Optics
971004-05	2348 0156	Up B	AC / 320	Auroral Emissions with Optics
971005	0211 0419	Comp & Elscan	320 / 320	Measurements with ISTP Sats
971006-07	2352 0503	Comp & Elscan	320 / 320	Measurements with ISTP Sats
971010	0145 0801	Comp & Elscan	320 / 320	Measurements with ISTP Sats
971015	1344 1801	3 Positions	AC / 320	E-Region Conductivities
971020	1344 2003	Compscans & Up B	AC / 320	Wide Latitude Msmts of Ne, with EISCAT & M.Hill
971021	1345 1600	Compscans & Up B	AC / 320	Wide Latitude Msmts of Ne, with EISCAT & M.Hill
971021-23	1602 1602	Compscans & Up B	AC / 320	World Days (WLS)
971023	1604 2002	Compscans & Up B	AC / 320	Wide Latitude Msmts of Ne, with EISCAT & M.Hill
971024	1258 2000	Compscans & Up B	AC / 320	Wide Latitude Msmts of Ne, with EISCAT & M.Hill
971027	0443 1000	Comp & Elscan	320 / 320	Measurements with ISTP Sats
971027	1943 2002	Azscans	28-PP / 320	High Resolution Sporadic E Measurements
971029	1155 1608	3 Positions	AC / 320	E-Region Conductivities
971029-30	2352 0504	Up B	AC / 320	Auroral Emissions with Optics
971030	1411 1801	Up B	26-PP / 320	High Resolution Sporadic E Measurements
971031-1101	2151 0600	Comp & Elscan	320 / 320	Measurements with ISTP Sats
971103-04	1141 2004	Compscans & Up B	AC / 320	World Day
971106-08	0942 0554	Compscans & Up B	320 / 320	CME Monitoring
971110	0008 0544	Up B	26-PP / 320	High Resolution Sporadic E Measurements
971110	1355 1800	3 Positions	AC / 320	E-Region Conductivities
971110-11	2144 0500	Comp & Elscan	320 / 320	Measurements with ISTP Sats
971113	1147 1604	3 Positions	AC / 320	E-Region Conductivities
971116-17	2045 0303	Compscans	28-BC / 320	High-Resolution D- and E-Region Structure
971117-18	2045 0303	Compscans	28-BC / 320	High-Resolution D- and E-Region Structure
971118-19	2047 0300	Compscans	28-BC / 320	High-Resolution D- and E-Region Structure
971119-20	2043 0302	Compscans	28-BC / 320	High-Resolution D- and E-Region Structure
971120-21	2046 0304	Compscans	28-BC / 320	High-Resolution D- and E-Region Structure
971121-22	2147 0503	Comp & Elscan	320 / 320	Measurements with ISTP Sats
971122	0507 0544	Partial Azscans	440 / 440	Measurements in Support of Rockets from Svalbard
971128	0628 1039	Partial Azscans	440 / 440	Measurements in Support of Rockets from Svalbard
971128-29	2146 0300	Up B	AC / 320	Auroral Emissions with Optics
971129	0626 0949	Partial Azscans	440 / 440	Measurements in Support of Rockets from Svalbard
971129	1000 1104	Elscans	320 / 320	Conductivity for MSX Joule Heating
971129-30	2154 0300	Up B	AC / 320	Auroral Emissions with Optics
971130	0625 0948	Partial Azscans	440 / 440	Measurements in Support of Rockets from Svalbard
971130	0959 1103	Elscans	320 / 320	Conductivity for MSX Joule Heating
971201	0613 1039	Partial Azscans	440 / 440	Measurements in Support of Rockets from Svalbard
971201-02	2157 0604	Comp & Elscan	320 / 320	Measurements with ISTP Sats
971202	0612 1037	Partial Azscans	440 / 440	Measurements in Support of Rockets from Svalbard
971202-04	1555 1607	3 Positions	450 / 320	World Day (POLITE)

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(971203	0725 1033	Partial Azscans	440 / 440	& Msmnts in Support of Rockets from Svalbard)
971204-05	2232 0343	Up B	AC / 320	Auroral Emissions with Optics
971206-07	2242 0801	Comp & Elscan	320 / 320	Measurements with ISTP Sats
971208	1344 1801	3 Positions	AC / 320	E-Region Conductivities
971209	1147 1603	3 Positions	AC / 320	E-Region Conductivities
971210	0029 0537	Vertical	52-PP / 320	High-Resolution Sporadic E Measurements
971210-11	2357 0606	Vertical	52-PP / 320	High-Resolution Sporadic E Measurements
971212	0001 0010	Up B	52-PP / 320	Test
971212	0024 0608	Up B	52-PP / 320	High-Resolution Sporadic E Measurements
971213	0141 0438	Azscans	52-PP / 320	High-Resolution Sporadic E Measurements
971213-14	1952 0758	Azscans	52-PP / 320	High-Resolution Sporadic E Measurements
971214-15	2301 0550	Azscans	52-PP / 320	High-Resolution Sporadic E Measurements
971215	0758 0829	Up B	0 / 0	Test
971215	0838 0906	Vertical	0 / 0	Test
971215	0940 1010	Vertical	0 / 0	Test
971215-16	1947 0237	Azscans	52-PP / 320	High-Resolution Sporadic E Measurements
971216-17	2105 0302	Azscans	52-PP / 320	High-Resolution Sporadic E Measurements
971217-18	2250 0802	Comp & Elscan	320 / 320	Measurements with ISTP Sats
971227-28	2259 0405	3 Positions	AC / 320	Auroral Emissions with Optics