

Date	Times	Antenna Mode	XMTR Mode	Experiment Purpose
110103-04	2354 0403	up B	PL/320/AC/H+/320raw	High-time resolution auroral dynamics w/ optics
110104-05	0406 0001	3 Positions	320/AC/H+/PL	E region electrodynamics
110105	0004 0434	up B	PL/320/AC/H+/320raw	High-time resolution auroral dynamics w/ optics
110105	1004 1903	Composite scans	320 / 320	Polar cap patches
110105-06	2347 0400	up B	PL/320/AC/H+/320raw	High-time resolution auroral dynamics w/ optics
110106	0958 1907	Composite scans	320 / 320	Polar cap patches
110106-07	2347 0405	up B	PL/320/AC/H+/320raw	High-time resolution auroral dynamics w/ optics
110107	1000 1020	Composite scans	320 / 320	Polar cap patches
110107	1026 1902	3 Positions	320/AC/H+/PL	Polar cap patches - windy
110107-08	2245 0604	Half Compscans	320 / 320	Plasma convection
110108	0957 1906	Composite scans	320 / 320	Polar cap patches
110108-09	2250 0604	Half Compscans	320 / 320	Plasma convection
110109	0956 1859	Composite scans	320 / 320	Polar cap patches
110109-10	2251 0559	Half Compscans	320 / 320	Plasma convection
110110	0958 1903	Composite scans	320 / 320	Polar cap patches
110110-11	2248 0602	Half Compscans	320 / 320	Plasma convection
110111	0954 1904	Composite scans	320 / 320	Polar cap patches
110111-12	2249 0600	Half Compscans	320 / 320	Plasma convection
110112	1217 1603	Elevation scans	320 / 320	Cusp detections with spectrograph
110114-15	2238 0603	Half Compscans	320 / 320	Plasma convection
110115-16	2220 0600	Half Compscans	320 / 320	Plasma convection
110116-17	2230 0600	Half Compscans	320 / 320	Plasma convection
110201-02	1251 0001	3 Positions	PL/PL/320/AC/H+	World Days (synoptic)
110202	0004 0402	3 Positions	PL/PL/320/AC/320raw	World Days and auroral dynamics w/ optics
110202-03	0404 0001	3 Positions	PL/PL/320/AC/H+	World Days (synoptic)
110203	0003 0402	3 Positions	PL/PL/320/AC/320raw	World Days and auroral dynamics w/ optics
110203-04	0404 0001	3 Positions	PL/PL/320/AC/H+	World Days (synoptic)
110204	0004 0402	3 Positions	PL/PL/320/AC/320raw	World Days and auroral dynamics w/ optics
110204	0404 1933	3 Positions	PL/PL/320/AC/H+	World Days (synoptic)
110204-07	1949 2158	Half Compscans	320 / 320	Plasma convection
110207-08	2204 0418	up B	PL/PL/320/AC/320raw	Plasma Lines
110208-09	2147 0400	up B	PL/PL/320/AC/320raw	Plasma Lines
110209-10	2150 0400	up B	PL/PL/320/AC/320raw	Plasma Lines
110210	0953 1906	Composite scans	320 / 320	Plasma convection
110210-11	2115 0407	up B	PL/PL/320/AC/320raw	Plasma Lines
110211	0950 1841	Composite scans	320 / 320	Plasma convection
110211-12	2300 0607	Half Compscans	320 / 320	Plasma convection
110212	0950 1900	Composite scans	320 / 320	Plasma convection
110213	0953 1902	Composite scans	320 / 320	Plasma convection
110214	0950 1900	Composite scans	320 / 320	Plasma convection
110215	0956 1900	Composite scans	320 / 320	Plasma convection
110217	1807 1925	up B	PL/PL/320/AC/320raw	Plasma Lines
110223-24	2341 0400	up B	PL/PL/320/AC/320raw	High-time resolution auroral dynamics w/ optics
110224-25	2340 0400	up B	PL/PL/320/AC/320raw	High-time resolution auroral dynamics w/ optics
110225-26	2343 0400	up B	PL/PL/320/AC/320raw	High-time resolution auroral dynamics w/ optics
110227	0005 0400	up B	PL/PL/320/AC/320raw	High-time resolution auroral dynamics w/ optics
110227-28	2354 0400	up B	PL/PL/320/AC/320raw	High-time resolution auroral dynamics w/ optics
110228-0301	2243 0601	Half Compscans	320 / 320	Plasma convection
110301-02	2239 0602	Half Compscans	320 / 320	Plasma convection
110302-03	2235 0603	Half Compscans	320 / 320	Plasma convection
110303-04	2236 0601	Half Compscans	320 / 320	Plasma convection
110304-05	2234 0601	Half Compscans	320 / 320	Plasma convection
110305-06	2240 0404	up B	PL/PL/320/AC/320raw	High-time resolution auroral dynamics w/ optics
110307	1225 1522	Elevation scans	320 / 320	Cusp detections with spectrograph
110308	1146 1600	Elevation scans	320 / 320	Cusp detections with spectrograph
110311-12	2251 0602	Half Compscans	320 / 320	Plasma convection
110312-13	2239 0601	Half Compscans	320 / 320	Plasma convection
110313-14	2239 0601	Half Compscans	320 / 320	Plasma convection
110314-15	2244 0400	up B	PL/PL/320/AC/320raw	High-time resolution auroral dynamics w/ optics
110315-16	2245 0400	up B	PL/PL/320/AC/320raw	High-time resolution auroral dynamics w/ optics
110316-17	2244 0600	Half Compscans	320 / 320	Plasma convection
110317-18	2244 0600	Half Compscans	320 / 320	Plasma convection
110318-19	2242 0601	Half Compscans	320 / 320	Plasma convection
110321-23	1242 2005	Vertical	90-raw / 90	World Day (Meteors)
110328-29	2253 0407	up B	PL/PL/320/AC/320raw	High-time resolution auroral dynamics w/ optics
110329-30	2236 0401	up B	PL/PL/320/AC/320raw	High-time resolution auroral dynamics w/ optics
110330-31	2244 0409	up B	PL/PL/320/AC/320raw	High-time resolution auroral dynamics w/ optics
110331-0401	2348 0401	up B	PL/PL/320/AC/320raw	High-time resolution auroral dynamics w/ optics
110401-02	2341 0404	up B	PL/PL/320/AC/320raw	High-time resolution auroral dynamics w/ optics
110402-03	2340 0403	up B	PL/PL/320/AC/320raw	High-time resolution auroral dynamics w/ optics
110403-04	2345 0217	up B	PL/PL/320/AC/320raw	High-time resolution auroral dynamics w/ optics
110404	0222 0403	Vertical	90-raw / 90	Meteors w/ optics
110404-05	2346 0408	Vertical	90-raw / 90	Meteors w/ optics
110405-06	2342 0405	up B	PL/PL/320/AC/320raw	High-time resolution auroral dynamics w/ optics
110406-07	2335 0358	up B	PL/PL/320/AC/320raw	High-time resolution auroral dynamics w/ optics
110407-11	0401 0600	Half Compscans	320 / 320	Plasma convection
110415	2050 2150	3 Positions	PL/PL/320/AC/BC13	testing upgrades to data acquisition system
110415-16	2154 0016	Composite scans	320/320/BC13/BC13	testing upgrades to data acquisition system
110416	0020 0123	3 Positions	PL/PL/320/AC/BC13	testing upgrades to data acquisition system

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110417	1732 2007	3 Positions	PL/PL/320/AC/BC13	testing upgrades to data acquisition system
110419-21	2348 0001	3 Positions	PL/PL/320/AC/H+	E region electrodynamics
110424-25	2248 0605	Half Compscans	320 / 320	Plasma convection
110425-26	2245 0604	Half Compscans	320 / 320	Plasma convection
110430-0504	2245 1536	Half Compscans	320/320/BC13/BC13	Plasma convection
110504	1540 1835	3 Positions	PL/PL/320/AC/BC13	Plasma convection - windy
110504-05	1841 0600	Half Compscans	320/320/BC13/BC13	Plasma convection
110509-10	2343 0600	Half Compscans	320/320/BC13/BC13	Plasma convection
110516-17	2252 2305	3 Positions	PL/PL/320/AC/BC13	E region electrodynamics
110517-18	2308 0602	Half Compscans	320/320/BC13/BC13	Plasma convection
110518-19	2248 0604	Half Compscans	320/320/BC13/BC13	Plasma convection
110519-20	2254 0600	Half Compscans	320/320/BC13/BC13	Plasma convection
110520-21	2244 0601	Half Compscans	320/320/BC13/BC13	Plasma convection
110610	1018 1110	up B	PL/PL/320/AC/BC13	testing upgrades to data acquisition system
110610-11	2349 0150	Half Compscans	320/320/BC13/BC13	Plasma convection
110611	0153 0248	Vertical	PL/PL/320/AC/BC13	coordinated with AIM satellite
110611-12	0251 1617	Half Compscans	320/320/BC13/BC13	Plasma convection
110612	1621 1732	Vertical	PL/PL/320/AC/BC13	coordinated with AIM satellite
110612	1738 2153	Half Compscans	320/320/BC13/BC13	Plasma convection
110612-13	2157 0201	3 Positions	PL/PL/320/AC/BC13	Plasma convection - windy
110613	0204 0307	Vertical	PL/PL/320/AC/BC13	coordinated with AIM satellite
110613	0309 0336	Half Compscans	320/320/BC13/BC13	Plasma convection
110613	0343 0547	3 Positions	PL/PL/320/AC/BC13	HiWind Balloon support
110613-14	0608 1628	Half Compscans	320/320/BC13/BC13	Plasma convection
110614	1631 1729	Vertical	PL/PL/320/AC/BC13	coordinated with AIM satellite
110614-15	1732 0001	Half Compscans	320/320/BC13/BC13	Plasma convection
110616-17	0457 0509	3 Positions	PL/PL/320/AC/BC13	HiWind Balloon support
110617-18	0515 0517	Vertical	PL/PL/320/AC/BC13	Detection of PMSEs
110622-23	2246 0602	Half Compscans	320/320/BC13/BC13	Plasma convection
110623-24	2233 0602	Half Compscans	320/320/BC13/BC13	Plasma convection
110624-25	2232 0600	Half Compscans	320/320/BC13/BC13	Plasma convection
110625-26	2228 0600	Half Compscans	320/320/BC13/BC13	Plasma convection
110629	1728 2006	Composite scans	320/320/BC13/BC13	System test
110630-0701	2254 0603	Half Compscans	320/320/BC13/BC13	Plasma convection
110701-02	2254 0603	Half Compscans	320/320/BC13/BC13	Plasma convection
110702-03	2246 0600	Half Compscans	320/320/BC13/BC13	Plasma convection
110703-04	2237 0600	Half Compscans	320/320/BC13/BC13	Plasma convection
110707-09	2204 0800	Vertical	PL/PL/320/AC/BC13	Detection of PMSEs
110717	2141 2344	Composite scans	320/320/BC13/BC13	Plasma convection
110719	2206 2326	Elevation scans	320/320/BC13/BC13	ISR school - student run
110719-20	2328 0058	Composite scans	320/320/BC13/BC13	ISR school - student run
110720	0101 0129	3 Positions	PL/PL/320/AC/BC13	ISR school - student run
110720	0137 0232	Azscans & Elscans	PL/PL/320/AC/BC13	ISR school - student run
110720	0234 0357	up B	PL/PL/320/AC/BC13	ISR school - student run
110720	0359 0530	Azimuth scans	320/320/BC13/BC13	ISR school - student run
110720	0532 0659	3 Positions	PL/PL/320/AC/BC13	ISR school - student run
110720	0701 0829	3 Positions	PL/PL/320/AC/BC13	ISR school - student run
110721	2258 2355	3 Positions	PL/PL/320/AC/BC13	ISR school - student run
110722	0001 0102	Composite scans	320/320/BC13/BC13	ISR school - student run
110722	1547 1759	3 Positions	PL/PL/320/AC/BC13	NSF-JSEP students
110725-27	2354 0001	Vertical	PL/PL/320/AC/BC13	Detection of PMSEs
110801-11	1147 2000	3 Positions	PL/PL/320/AC/BC13	World Days (planetary-scale waves)
110822-23	2310 0604	Half Compscans	320/320/BC13/BC13	Plasma convection
110901-02	2335 0604	Half Compscans	320/320/BC13/BC13	Plasma convection
110902-03	2235 0602	Half Compscans	320/320/BC13/BC13	Plasma convection
110903-04	2235 0600	Half Compscans	320/320/BC13/BC13	Plasma convection
110904-05	2243 0604	Half Compscans	320/320/BC13/BC13	Plasma convection
110905-06	2259 0603	Half Compscans	320/320/BC13/BC13	Plasma convection
110919-21	1232 1301	3 Positions	PL/PL/320/AC/BC13	E-region electrodynamics
110921-23	1312 2200	Vertical	PL/PL/320/AC/BC13	World Days (Meteors)
110923-24	2203 0600	Half Compscans	320/320/BC13/BC13	Plasma convection
110924-25	2247 0601	Half Compscans	320/320/BC13/BC13	Plasma convection
110925-26	2227 0600	Half Compscans	320/320/BC13/BC13	Plasma convection
110926-27	2248 0500	up B	PL/PL/320/AC/BC13	Detection of plasma line harmonics
110927-28	2248 0501	up B	PL/PL/320/AC/BC13	Detection of plasma line harmonics
111006-07	2241 1704	Half Compscans	320/320/BC13/BC13	Plasma convection
111007	1708 2139	3 Positions	PL/PL/320/AC/BC13	Plasma convection - windy
111007-09	2144 2044	Half Compscans	320/320/BC13/BC13	Plasma convection
111009	2049 2304	Composite scans	320/320/BC13/BC13	Plasma convection with Artemis Sat
111009-10	2307 2055	Half Compscans	320/320/BC13/BC13	Plasma convection
111010	2109 2305	Composite scans	320/320/BC13/BC13	Plasma convection with Artemis Sat
111010-11	2309 2054	Half Compscans	320/320/BC13/BC13	Plasma convection
111011	2058 2304	Composite scans	320/320/BC13/BC13	Plasma convection with Artemis Sat
111011-12	2309 0602	Half Compscans	320/320/BC13/BC13	Plasma convection
111020-21	2245 0604	Half Compscans	320/320/BC13/BC13	Plasma convection
111021-22	2240 0603	Half Compscans	320/320/BC13/BC13	Plasma convection
111022-23	2241 0600	Half Compscans	320/320/BC13/BC13	Plasma convection
111023	1746 1857	Composite scans	320/320/BC13/BC13	Plasma convection with Cluster Sats
111023	1904 2134	3 Positions	PL/PL/320/AC/BC13	Plasma convection - windy

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111023	2202 2300	Composite scans	320/320/BC13/BC13	Plasma convection with Cluster Sats
111023-24	2303 0500	up B	PL/PL/320/AC/BC13	Plasma line harmonics
111024-25	2242 0500	up B	PL/PL/320/AC/BC13	Plasma line harmonics
111025-26	2247 0500	up B	PL/PL/320/AC/BC13	Plasma line harmonics
111026-27	1022 1036	3 Positions	320/320/BC13/BC13	Measurements of E-field oscillations
111108-09	2116 0100	Composite scans	320/320/BC13/BC13	Plasma convection with Artemis Sat
111110-11	1924 0203	Half Compscans	320/320/BC13/BC13	Plasma convection
111111	0205 0400	Composite scans	320/320/BC13/BC13	Plasma convection with Artemis Sat
111111-12	0400 0300	Half Compscans	320/320/BC13/BC13	Plasma convection
111112	0300 0630	Composite scans	320/320/BC13/BC13	Plasma convection with Artemis Sat
111112-13	0630 0935	Half Compscans	320/320/BC13/BC13	Plasma convection
111113	0940 1420	3 Positions	PL/PL/320/AC/BC13	Plasma convection - windy
111113-14	1425 0003	Half Compscans	320/320/BC13/BC13	Plasma convection
111114	0008 0120	3 Positions	PL/PL/320/AC/BC13	Plasma convection - windy
111114-15	0125 0648	Half Compscans	320/320/BC13/BC13	Plasma convection
111115-16	0657 0645	3 Positions	PL/PL/320/AC/BC13	E-region electrodynamics
111121-22	2247 0602	Half Compscans	320/320/BC13/BC13	Plasma convection
111122-23	2228 0604	Half Compscans	320/320/BC13/BC13	Plasma convection
111128-1201	1255 2004	3 Positions	PL/PL/320/AC/BC13	World Days (synoptic)
111207-09	2341 1848	Half Compscans	320/320/BC13/BC13	Plasma convection
111209	1853 2109	3 Positions	PL/PL/320/AC/BC13	Plasma convection - windy
111209	2115 2235	Half Compscans	320/320/BC13/BC13	Plasma convection
111209-12	2240 0001	3 Positions	PL/PL/320/AC/BC13	Plasma convection - windy
111218-19	1244 1304	3 Positions	PL/PL/320/AC/BC13	E-region electrodynamics w/ EISCAT
111220-21	2039 0509	up B	PL/PL/320/AC/BC13	Auroral dynamics with optics