

SUDDEN IONOSPHERIC DISTURBANCES  
NOVEMBER 2005

Day	Start (UT)	Max (UT)	End (UT)	Imp	Wide Spread Index	Number of Station Reports by Type					Flare (UT)	X-ray Class	NOAA Region
						SWF	SEA	SPA	LF-SPA	SES			
06	1440	1443	1449	1-	1					1	1438	C1.1	10820
12	1441	1454	1536	2	3					5	1418	C2.5	10822
12	1928	1931	2012	2	3					4	1925	C9.5	10822
13	0030	0035	0040	1-	1					1	0013	C9.5	10822
13	0509	0526	0600	2+	1					1	0428	C6.7	10822
13	0601	0608	0648	2+	1					1	0600	C2.7	10822
13	1242	1247	1307	1	5					5	1241	C2.7	10822
13	1433	1450	1531	2	5					10	1429	M2.5	10822
14	0832	0836	0857	1	5					4	0830	C2.8	10822
14	1418	1423	1442	1	5					4	1416	M3.9	10822
14	2136	2201	2303	3	1					1	2153	M1.0	10822
15	0301	0306	0358	2	3					2	0250	C5.2	10822
15	0806	0819	0850	2	1					1	0805	C2.3	10822
15	1325	1334	1358	1+	1					1	1335	B6.1	10822
15	1531	1535	1549	1-	5					3	1528	C2.0	10822
15	1551	1554	1611	1	1					1	1553	C1.2	10822
15	1617	1618	1632	1-	1					1	1618	B8.8	10822
15	1737	1749	1843	2+	3					6	1722	M1.4	10822
15	2056	2112	2129	2	1					1	2050	C2.3	10822
16	1156	1212	1255	2	5					3	1141	C5.9	10822
18	0804	0809	0845	2-	3					2	0802	C1.6	
18	1033	1039	1046	1-	1					1	1030	B7.4	
18	1449	1451	1454	1-	1					1	1442	B9.8	
18	1512	1523	1540	1+	1					1	1515	C1.2	10822
19	0412	0416	0437	1	1					1	0409	B6.0	10822
19	0932	0939	1021	2+	1					1	0927	B8.2	10822
20	0731	0737	0814	1+	3					2	0723	C2.5	10822
20	1509	1518	1538	1+	3					2	1506	C1.5	10822
22	1516	1521	1525	1-	1					1	1509	B7.7	10822
29	1646	1704	1741	2	3					3	1638	C4.0	10824
30	0611	0620	0644	2	1					1	0610	B9.3	10826
30	1016	1018	1023	1-	1					1	1019	B8.8	10826
30	1746	1752	1826	2-	3					6	1746	M1.4	10826

\* = no flare patrol.

OBSERVATORIES REPORTING FOR NOVEMBER 2005

Alberta, Canada	SES	Milan, Italy	SES
Bedford, Massachusetts, USA	SES	Palo Alto, California, USA	SES
Brookline, Massachusetts, USA	SES	Panska Ves, Czech Republic	SES, SEA, SWF
Cambridge, England, UK	SES	Perth, Australia	SES
Edenvale, Rep of S. Africa	SES	Sussex, United Kingdom	SES
Houston, Texas, USA	SES	Torrington, Connecticut, USA	SES
Isola del Gran Sasso, Italy	SES	Udine City, Italy	SES
Marlborough, Massachusetts, USA	SES	Villiersdorp, South Africa	SES

Observations are not necessarily continuous.