

SUDDEN IONOSPHERIC DISTURBANCES  
DECEMBER 2006

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Dec 06

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				
02	0707	0713	0746	2	1						1	0700	C1.0	10930
04	1127	1136	1150	1	5						2	1127	C1.9	
04	1150	1159	1215	1	3		1				4	*		
04	1232	1242	1256	1	3						4	1128	C1.4	
04	1428	1437	1505	2-	5						5	1426	C4.9	
04	1707	1712	1732	1	1						1	1705	C1.2	10930
04	1824	1827	1858	2	1						1	1821	B9.7	10930
04	2041	2043	2103	1	1						1	2037	C1.2	10930
04	2113	2118	2203	2+	1						1	2111	C1.4	10930
04	2310	2316	2327D	1-	1						1	2310	C1.0	10930
04	2327E	2331	2356D	1+	1						1	2324	C2.2	10930
05	0504	0510	0550	2+	1						1	0501	C3.8	10930
05	0624	0628	0704	2	1						1	*		
05	0759	0805	0838	2-	5						6	0745	M1.8	10930
05	0908	0910	0920	1-	5						3	0907	C1.5	10930
05	1021	1030	1101	3	5		2	1			7	1018	X9.0	10930
05	1720	1721	1737	1-	1						1	1718	C1.2	10930
05	1954	2004	2014	1	3						2	1949	C3.8	10930
05	2031E	2041	2137D	2+	1						1	2021	C3.7	10930
05	2249E	2253	2328	2	1						1	No flare		
05	2354	2357	2411	1-	1						1	2352	C1.5	10930
06	0200	0220	0240	2	1						1	0130	M1.1	10930
06	0538	0542	0602	1	1						1	0536	C2.4	10930
06	0743	0751	0756	1-	1						1	0734	C1.7	10930
06	0807	0818	0939	3-	5						5	0802	M6.0	10930
06	0813	0815	0858	3	5		1	1			6	0802	M6.0	10930
06	1255	1259	1322	1+	5		1				7	1253	C4.8	10930
06	1424	1429	1447	1	5						5	1421	C2.5	10930
06	1502	1507	1518	1-	5						5	1500	C2.1	10930
06	1529	1533	1542	1-	5						3	*		
06	1552	1558	1605	1-	1						1	1554	C1.7	10930
06	1616	1626	1647	1+	5						4	1615	C4.4	10930
06	1834	1846	1944	2	3						4	1829	X6.5	10930
07	0334	0336	0356	1	3						2	0332	C2.0	10930
07	0430	0440	0529	2+	3						2	0427	C6.1	10930
07	1854	1907	2006	2+	3						2	1820	M2.0	10930
09	1049	1059	1123	1+	1						2	1048	C1.3	10930
09	1208	1214	1240	1	1		1					No flare		
11	0814	0819	0833	1-	5						3	0754	C5.7	10930
11	1717	1720	1738	1	1		1					1718	B1.8	
12	0756	0757	0802	1-	1						1	*		
12	0914	0931	0952	1	1		1					No flare		
13	0223	0229	0303D	2	1						1	0214	X3.4	10930
13	0903	0932U	1044	1	1		1					No flare		
13	1326	1331	1401	2	1						1	1322	B7.4	10930
13	1417	1423	1445	1+	5						4	1414	C2.2	10930
14	1159	1205	1245	2	3						2	1156	C1.0	10930
14	1220	1248U	1347	1	1		1					*		
14	1643	1646	1700	1-	1						1	1636	C1.2	10930
14	2205	2213	2325	3-	5						2	No flare		
15	0755	0757	0816	1	1						1	0753	B7.0	10930
15	1059	1109	1124	1	1		1					No flare		
15	1238	1302U	1351	1	1		1					1234	B3.3	10930
17	1448	1507	1537	2+	1						1	1447	C2.0	10930

\* = no flare patrol.

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						SWF	SEA	SPA	LF- SPA	SES			
19	1052	1100U	1133	1	1		1				*		
19	1302	1327U	1416	1	1		1				*		
23	0904	0922U	0942	1	1		1				No flare		
23	1136	1141	1205	1	1		1				No flare		
31	0708	0713	0743	1+	3		1			2	0706	C1.3	10933
31	1004	1006	1055	1	1		1				No flare		

\* = no flare patrol.

OBSERVATORIES REPORTING FOR DECEMBER 2006

Athens, Greece	SES	Panska Ves, Czech Republic	SES, SEA, SWF
Beauvais, France	SES	Perth, Australia	SES
Bedford, Massachusetts, USA	SES	Seville, Ohio, USA	SES
Cambridge, England, UK	SES	Southern France	SES
Edenvale, Rep of S. Africa	SES	Toronto, Canada	SES
Isola del Gran Sasso, Italy	SES	Torrington, Connecticut, USA	SES
Malboro, Massachusetts, USA	SES	Tucson, Arizona, USA	SES
Milan, Italy	SES	Upice, Czech Republic	SEA
Mishawaka, Indiana, USA	SES	Villiersdorp, South Africa	SES

Observations are not necessarily continuous.