

SUDDEN IONOSPHERIC DISTURBANCES

MARCH 2000

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	0822	0829	0851	3	5	1	4	1			0820	X1.1	8882
02	1314	1325U	1339	1	1			1			1306	C5.5	8882
02	1337	1344	1421	3	5	1	1	2			1335	M6.5	8882
02	1456	1520	1555	1	1			1			1500	C3.5	8891
03	0708	0714	0830	1	1			1			0707	C3.9	8886
03	0835	0847	0919	1	1			1			No flare		
03	0936	0948	1004	2	3			2			*		
03	1038	1045	1114	2	3			2			1040	M4.0	8886
04	0736	0740U	0810	2	1			1			No flare		
04	0958	1006	1048	1	1			1			No flare		
05	0857	0906	0926	2	1			1			0856	C5.1	8891
05	1207	1218U	1304D	1	1			1			No flare		
05	1316	1330U	1400	1	1			1			1318	C2.0	
05	1529	1536	1601	2+	5			2	1		1529	C9.6	8898
06	0839	0900	0941	1	1			1			*		
06	0952	1053	1116	2	1			1			1043	C4.5	
06	1100	1136	1231	1	3			2			1119	C3.8	
06	1324	1400U	1428	1	1			1			No flare		
06	1619	1624	1644	1	1			1			1616	C3.9	8889
07	0856	0903	0935	1	1			1			No flare		
07	1214	1300	1316	1	1			1			1228		8899
07	1306	1336	1413	1	3			2			1327	C7.6	
07	1424	1446	1508	1	1			1			1421	C6.3	8891
07	1512	1516	1553	1	1			1			1509	C5.1	
07	1606	1616	1650	2	1			1			1601	M1.2	
08	1002	1006	1021	1	1			1			1004		8900
08	1053	1102	1118	3	5	1	2	1			1051	C7.6	
08	1212	1220	1241	1	1			1			1212	C3.4	
09	0910	0914	1014	2	1			1			No flare		
09	1200	1214	1234	2	1			1			No flare		
09	1234	1303	1334D	2	1			1			No flare		
09	1342	1400	1500	2	1			1			1336	C1.5	8906
09	1602	1620	1643	2	3			2			1612	C1.5	
10	0832	0837	0914	1	1			1			0832	C2.4	
10	0937	0945	1005	1	1			1			No flare		
10	1035	1039	1053	1	1			1			1032	C4.1	8906
10	1058	1102	1150	1	1			1			1053	C2.6	8906
11	0923	0932	0942	3	5	1	2	1			0915	M1.3	8906
11	1109	1112	1128	3-	5	1	3	1			1106	C5.7	8906
11	1439	1444U	1521	1	1			1			1422	C4.5	8904
12	0833	0835	0850	1	1			1			No flare		
12	0903	0906	0906D	2+	5	1	3	1			0900	C5.8	8906
12	1135U	1213U	1257U	2	1			1			1128	C1.4	8898
13	0822	0825	0844	2	5			2	1		0820	C3.7	8906
13	0909	0912	0936	1	1			1			No flare		
13	1041	1053	1117	3	5	1	3	1			1038	M1.4	8906
13	1305	1315	1355	1	1			1			No flare		
13	1446	1512U	1529	1	1			1			1507	C1.4	
14	0906	0911	0940	1	1			1			0856	C1.7	8910
15	0732	0742	0811	1+	1			1			0749	C4.1	
15	1843	1845	2000	2	1				1		1836	M1.4	8906
16	1104	1108	1134	3-	5	1	3	1			1059	C6.2	8906
16	1350	1359	1414	1	1			1			1405	C6.3	8910
16	1408	1413	1425	2	5	1	3	2			1405	C6.3	8910

* = no flare patrol.

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MARCH 2000

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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			
16	1517	1527	1600	1-	1			1			1516	C3.3	8906
16	1835	1842	2015	1+	1			1			1832	C9.0	8906
17	0729	0731	0802	1	1		1				0726	C3.3	8906
17	0806	0820	0905	1	1		1				0805	C4.3	8910
17	0934	0942	1010	1	1		1				0935	C1.8	8910
17	1113	1127	1127D	3	5	1	3	2			1108	M1.1	8906
17	1443	1514	1541	1	1		1				No flare		
18	0844	0859	0948	1	1		1				0843	C2.7	
18	1300	1324	1357	1	1		1				No flare		
18	2050	2106	2106D	1+	1			1			2047	M2.1	
19	0848U	0919U	1116U	2	1		1				0901	C2.7	8910
19	1143	1155	1217	2-	5	1	3	2			1136	C5.3	8910
19	1307	1313	1325	1-	1			1			No flare		
19	1346	1409	1416	1	1		1				1412	C2.9	8906
19	1414	1422	1440	2	5		3	2			1412	C2.9	8906
19	1658	1720	1720D	2	1			1			1701	M1.6	8906
19	1754	1800	1845	1-	1			1			1701	M1.6	8906
20	0751	0807	0840	2	3		2				0821	M2.2	
20	0823	0834	0911	3-	5	1	3	1			0821	M2.2	
20	1006	1012U	1047	1	1		1				1002	C4.0	
20	1055	1103	1120	2+	5	1	3	1			1053	C8.4	8910
20	1310	1400	1425	1	1		1				*		
20	1451	1502	1539	1	1		1				1452	C2.7	8918
20	1641	1647	1721	2+	3		2				1637	M2.4	8910
21	0711	0721	0802	2	3		2				0717	C7.1	8910
21	1245	1314	1341	1	1		1				No flare		
21	1413	1427	1444	3	5	1	3	2			1412	M1.0	8918
22	0707	0722	0750	2	3		2				0715	C5.5	8917
22	0859	0928	0949	1	1		1				0918	C3.8	
22	1102	1109	1129	2	5	1	3	1			1047	C9.3	8913
22	1306	1313	1412	2	5	1	1	2			1303	C5.1	8910
22	1537	1544	1600	1-	1			1			No flare		
22	1744	1750	1750D	1	1			1			1741	C7.7	8917
22	1830	1850	2030	3	1			1			1834	X1.1	8910
23	0757	0815	0918	2	3		2				0756	C7.5	8917
23	1018	1027	1051	2+	5	1	1	1			1023		8910
23	1150	1216	1340	2+	5	1	2	2			1132	M2.0	8910
23	1500	1515	1557	1	1		1				No flare		
23	1632	1635	1650	1-	1			1			1629	C2.8	
24	0746	0804	0849	3	5	1	3	1			0741	X1.8	8910
24	1126	1130	1159	2+	5	1	4	2			1125	M2.8	
24	1434	1454	1520	1	1		1				1438		
24	1518	1524	1628	3	5	1	3	1			1513	M2.6	
24	1607	1611	1642	1-	1			1			No flare		
24	1815	1830	1830D	1-	1			1			1816	C3.7	
24	1847	1853	1930	1-	1			1			No flare		
25	0750	0812	0835	2	1		1				*		
25	0938	0943	1012	3	5	1	3	1			0936	C8.0	8926
25	1221	1227	1227D	1-	1			1			1220	C5.0	8926
25	1316	1326	1350	1-	1			1			1317	C2.7	8926
25	1447	1454	1454D	1-	1			1			1447		8924
25	1505	1513U	1520	1-	1			1			No flare		
25	1531	1536	1550	2	5		1	2			1530	C2.8	
26	1025	1039	1134	1	1		1				*		
26	1145	1223	1330	1+	1			1			1138	C4.5	
26	1425	1510	1550	1-	1			1			1446	C2.8	8916
26	1729	1736	1900	3	1			1			1727	M2.3	8926

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						SWF	SEA	SPA	LF-SPA	SES			
27	1038	1044	1100	2+	5	1	1	1			1034	C6.2	8926
27	1358	1402	1402U	3-	5			2	1		1356	C8.4	8926
27	1415	1420	1440	2	5	1	2	1			1413	C7.9	8926
27	1531	1541	1551	2-	5		2	1			1529	C8.9	8926
28	1028	1040U	1102	1	1		1				1032	C1.8	
28	1628	1645	1810	1-	1			1			1626	C4.7	
28	1904	1916	1916D	1	1			1			1903	C8.7	
28	2025	2036	2036D	1-	1			1			2027	C4.0	
29	0910	0940	1010	2	1		1				0919	C2.7	
29	1429	1435	1500	1-	1			1			1429		8925
29	1835	1848	1945	1-	1			1			1830	C4.4	8936
30	0708	0710U	0711D	2	5		3	1			0659	M1.2	
30	0848	1014	1033	1	1		1				No flare		
30	1150	1208	1242	1	1		1				No flare		
30	1241	1248	1331	3	5	1	3	2			1239	M1.3	8936
30	1347	1413	1530	1	1		1				1349	C2.4	8925
30	1436	1443	1443D	1-	1			1			1435	C4.0	8925
30	1510	1518	1550	1-	1			1			1509	C3.3	8925
30	1602	1608	1639	3	5	1	3	2			1558	M3.4	8936
30	1800	1807	1807D	1-	1			1			1758	C4.3	8936
30	1852	1900	1945	1-	1			1			1849	C3.0	8936
31	0624	0632	0654	3-	1			1			0622	M1.2	8936
31	0629	0655	0723	1+	3		3				0622	M1.2	8936
31	0752	0755	0755D	2	5	1	3	1			0750	M1.0	8939
31	0829	0833	0838	1	1		1				No flare		
31	0856	0904	0926	1	1		1				No flare		
31	0928	0932	1004	2+	5	1	3	1			0926	C8.5	8936
31	1014	1025	1039	3	5	1	3	2			1013	M4.1	8939
31	1143	1148	1223	2	5	1	3	2			1141	C6.5	8936
31	1315	1322	1515	2+	5	1	3	2			1312	M1.8	8939
31	1459	1509	1557	1	3		2				No flare		
31	1654	1659	1815	2	5		1	2			1650	M1.2	8939
31	1845	1903	2035	2	1			1			1842	M2.0	8925

* = no flare patrol.

OBSERVATORIES REPORTING FOR MARCH 2000

Itapetinga, Brazil	SPA	Vlasim, Czech Republic	SEA
Panska Ves, Czech Republic	SES, SEA, SWF	Ziar nad Hronom, Slovakia	SEA
Rimavska Sobota, Slovakia	SEA	Zilina, Slovakia	SEA
Upice, Czech Republic	SEA		

Observations are not necessarily continuous.