

SUDDEN IONOSPHERIC DISTURBANCES

89
Feb 04

FEBRUARY 2004

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			
01	0559	0608	0643	2	1					1	0556	C1.9	10549
01	0739	0744	0910	1	1		1				0746	B2.6	10549
01	1301	1306	1339	1	1		1				No flare		
02	0753	0759	0835	2	1					1	0751	C2.5	10547
03	0850	0853	0912	1	1					1	0838	C1.1	10551
03	0944	0951	1016	1	1		1				1009	B7.3	10549
03	1336	1339	1352	1-	1					2	1336	C3.2	10551
03	2126D	2132D	2154D	1+	1					1	2125	C1.1	10549
03	2243D	2247D	2314U	1+	1					1	2241	C1.4	10551
04	1115	1119	1140	1-	3					4	1112	C9.9	10547
05	0630	0637	0659	1+	1					1	0625	C1.3	10549
05	0703	0706	0729	1+	1					1	0702	B8.2	10549
05	0753	0755	0825	1+	1					1	0749	C1.5	10547
07	1110	1138	1215	1	1		1				No flare		
07	1317	1320	1354	1	1		1				1321	C2.5	10554
07	1330	1335	1340	1-	1					1	No flare		
08	2032	2046	2116	2-	1					2	2024	M1.2	10554
09	0940	0947	1007	1	5					5	0938	C4.3	10554
09	1056	1102	1137	1+	5		1			5	1051	C9.6	10554
09	1257	1301	1312	1-	3					2	1247	C2.7	10554
09	1400	1406	1425	1	5		1			4	1356	C5.6	10554
10	0903	0910U	0925	1	1		1				No flare		
10	1002	1005	1025	1	1					1	0959	B9.7	10554
11	1751	1807	1922	3	3					2	1749	B3.2	10555
13	1059	1109	1123	1	1		1				*		
15	0859	0927	0943	1	1		1				No flare		
15	1121	1142	1238	1	1		1				No flare		
15	1252	1309	1328	1	1		1				No flare		
21	1258	1320U	1437	1	1		1				*		
22	1550	1555	1602	1-	1					1	No flare		
22	1956	2002	2033	1+	3					3	1951	C1.9	10564
24	0856	0911	0934	1	1		1				No flare		
25	0849	0936	0956	1	1		1				No flare		
25	1130	1150	1217	1	1		1				1107	C1.3	10564
25	1213	1227	1259	2+	5	1	2	1		2	1211	C8.0	10564
25	1614	1624	1659	2-	5		1			5	1611	C2.6	10564
25	2309D	2315D	2343D	2	1					1	2306	C2.6	10564
26	0152	0205	0250	2	3					3	0150	X1.1	10564
26	0443	0449	0505	1	3					2	0441	C1.6	10564
26	0529	0536	0607	2-	3					3	0530	C2.4	10564
26	1413	1422	1453	2	5		2	1		6	1409	C6.5	10564
26	1625	1625	1629	1-	1					1	1621	B7.8	10564
26	2012	2017	2117	2+	3					3	1956	C7.5	10564
26	2216	2228	2315	2	5					3	2214	M5.7	10564
27	0836	0849	0922	1+	3		1			3	0843	C2.5	10564
27	0956	1025	1053	1	1		1				*		
27	1350	1415U	1438	1	1		1				1406	B8.0	10564

* = no flare patrol.

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						SWF	SEA	SPA	LF- SPA	SES			
28	0857	0907	0927	2	1				1		No flare		
28	1058	1131	1212	1	1				1		1129	C2.2	10567
28	1708	1712	1721	1-	3						1705	C1.6	10567
28	1723	1729	1759	2-	3						1723	C2.9	10564

* = no flare patrol.

OBSERVATORIES REPORTING FOR FEBRUARY 2004

Alberta, Canada	SES	Milan, Italy	SES
Bedford, Massachusetts, USA	SES	Neerpelt, Belgium	SES
Bern, Switzerland	SES	Palo Alto, California, USA	SES
Brookline, Massachusetts, USA	SES	Panska Ves, Czech Republic	SES, SEA, SWF
Calcutta, India	SES	Perth, Australia	SES
Cambridge, England, UK	SES	Sofia, Bulgaria	SES
Edenvale, Rep of S. Africa	SES	Torrington, Connecticut, USA	SES
Houston, Texas, USA	SES	Upice, Czech Republic	SEA
Isola del Gran Sasso, Italy	SES	Villiersdorp, South Africa	SES
Marlborough, Massachusetts, USA	SES		

Observations are not necessarily continuous.