

SUDDEN IONOSPHERIC DISTURBANCES

87  
Jan 04

JANUARY 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	0320	0323	0343	1	1						1	0316	C6.4	10528
01	0539	0543	0605	1+	1						1	0535	C2.5	10534
01	0653	0655	0707	1-	1						1	0604	C8.0	
02	0944	0947	1003	1	1						1	0941	B8.7	10536
03	1809	1811	1823	1-	1						1	1808	C1.1	10536
03	1939	1959	2034	2+	1						1	2008	B4.9	10536
04	0945	0955	1054	2-	3			1			2	0942	C2.8	10536
04	1508	1523	1545	1+	5			1			2	1507	C3.5	10536
04	1552	1558	1614	1	3						2	1552	C3.7	10536
04	1816	1819	1834	1-	3						2	1741	C3.8	10536
04	2025D	2032D	2048U	1	1						1	2025	C1.5	10536
05	0007D	0013D	0027D	1	1						1	0006	C7.5	10536
05	1158	1353	1436	1	1			1				No flare		
06	0618	0629	0724	2-	3			1			2	0613	M5.8	10537
06	0715	0720	0740	1+	1						1	0713	C2.5	
06	0849	0904	0929	2	1			1				No flare		
07	0353	0403	0502	2+	1						1	0343	M4.5	10537
07	0840	0845	0911	1	3						2	0824	C2.9	10536
07	0936	0953	1020	1	1			1				No flare		
07	1018	1024	1056	3	5	1	2	1			5	1014	M8.3	10537
07	1325	1330	1335	1-	1						1	1332	B4.4	10536
07	1743	1750	1824	2	1						1	1749	B9.6	10537
08	0456	0506	0601	2+	1						1	0453	M1.3	10537
08	1724	1734	1816	2+	1						1	1719	C1.1	10537
09	0118	0124	0131	1-	1						1	0113	M1.1	10537
09	0134	0142	0224	2+	1						1	0133	M3.2	10537
09	1103	1123	1220	1	1			1				1208	B8.9	10536
09	1308	1344	1445	1	1			1				1344	B8.9	10536
10	0328	0334	0401	2	1						1	0324	C1.9	10536
10	0420	0426	0459	2	3						2	0412	C7.3	10536
10	0510	0515	0547	2	3						2	0505	C7.7	10536
10	0950	1005	1021	1	1			1				0957	B9.3	10537
10	1920	1931	2018	2+	1						1	1922	B7.2	10537
11	0720	0722	0753	2	1						1	0717	C1.6	10536
11	0808	0817	0831	1	1			1				No flare		
11	1340	1353	1411	1	1			1				No flare		
11	2149D	2158D	2215U	1+	1						1	2206	B6.7	10536
12	0830	0834	0858	1	3			1			1	0834	C1.8	10536
12	0909	0932	0951	1	1			1				No flare		
12	1052	1053	1105	1-	1						1	1055	B9.4	10537
15	0624	0631	0702	2	3						2	0620	C3.2	10540
16	1300	1328	1402	1	1			1				*		
17	0344	0400	0417	2	1						1	0335	C1.6	10540
17	0759	0803	0826	1+	1						1	0751	C1.0	10540
17	0915	0918	0927	1-	1						1	0911	C1.4	10540
17	0943	0946	0955	1-	1						1	0935	C1.2	10537
17	1744	1754	1834	2	3						4	1735	M5.0	10540
18	0013	0017	0035	1	1						1	0007	M1.4	10540
18	0853	0911	0954	1	1			1				No flare		
18	1317	1335	1414	1	1			1				1344	C1.4	10537

\* = no flare patrol.

SUDDEN IONOSPHERIC DISTURBANCES

JANUARY 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			
19	0527	0532	0607	2	3					3	0525	M1.0	10540
19	1026	1040	1103	1	1		1				*		
19	1232	1241	1314	3-	5	1	2	1		4	1230	M1.0	10540
19	1426	1434	1508	1	5		1			1	1425	C3.4	10543
19	1958	2003	2057	2+	3					6	1954	C8.2	10540
20	0735	0741	0828	2-	3		1			6	0729	M6.1	10540
21	0720	0751	0918	1	1		1				No flare		
21	0941	1000	1012	1	1		1				No flare		
23	0852	0858	1002	1	1		1				*		
26	0608	0611	0626	1-	1					1	0602	C1.6	10542
26	0957	1010	1038	1	1		1				No flare		
26	1114	1121	1154	1	1		1				*		
26	1202	1218	1402	1	1		1				1155	B8.3	10540
30	1605	1608	1635	1+	1					1	1601	C2.1	
31	0613	0621	0655	2-	3					2	0607	C4.1	10549

\* = no flare patrol.

OBSERVATORIES REPORTING FOR JANUARY 2004

Alberta, Canada	SES	Marlborough, Massachusetts, USA	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	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
Kirksville, Mississippi, USA	SES		

Observations are not necessarily continuous.