

SUDDEN IONOSPHERIC DISTURBANCES

123
Dec 00

DECEMBER 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				
01	0801	0906	0941	1+	1						1	0900E		9242
01	1328	1336	1357	1	1		1					No flare		
02	1025	1030	1035	1-	1						1	No flare		
05	0444	0453U	0507	1	1						1	0442		9248
05	1350	1355	1400	1-	1						1	No flare		
06	0812	0812	0820	1-	1						1	No flare		
06	1039	1046	1103	1	5						4	*		
06	1515	1519	1544	1+	5						5	No flare		
06	1753	1759	1837	1+	3						2	1814		9246
06	2034	2037	2052	1-	1						1	No flare		
07	0336	0338	0352	1-	1						1	0336		9246
07	0538	0543	0555D	1-	1						1	*		
07	0555E	0558	0630	2	1						1	0602		9246
07	0727	0734	0804	2-	3						2	No flare		
07	1918	1921	1928D	1-	1						1	No flare		
08	1130	1135	1140	1-	1						1	*		
08	1450	1455	1500	1-	1						1	No flare		
08	1513	1515	1528	1-	3						5	No flare		
08	1621	1624	1647	1+	3						5	No flare		
08	1852	1855	1925	2	1						1	No flare		
09	0406	0407	0422D	1-	1						1	No flare		
09	0422E	0425	0445	1	1						1	0420		
09	0512	0514	0530	1-	1						1	No flare		
09	0537	0543	0615	2	1						1	No flare		
10	1926	1931	1952	1	3						2	1917	C2.8	
11	0950	0955	1000	1-	1						1	0954	C1.3	
11	1500	1515	1535	2	1						1	1501	C1.9	9267
12	0857	0911	0928	1	3		1				1	0849	C1.6	
12	1442	1455	1549	2+	5		1				6	1437	M1.3	9267
13	0811	0818	0844	1+	5						4	0816	C4.6	9267
13	1108	1119	1137	1+	3						2	1100	C2.7	9264
14	0913	0916	0928	1-	1						1	0910	C2.7	
14	0935	1000	1100	2+	1						1	0936	C3.4	9264
14	1102	1111	1127	1+	5		2	1			3	1101	C5.7	
14	1523	1526	1549	1+	3						4	1518	C6.4	9267
14	2045	2047	2107	1	1						1	2045	C4.5	
15	1114	1137	1222	1	1						1	1112	C2.7	9267
15	1946	1949	2007	1	1						1	1935	C5.3	9262
17	0900	0905	0915	1-	1						1	0902	C2.1	9276
17	1044	1048	1056	2	5			1			1	No flare		
17	1203	1208	1217	2	5		1	1			3	1201	C4.0	9276
17	1620	1622	1645	1	1						1	1619	C3.7	9276
17	1840	1843	1900	1	3						3	1835	C5.8	9276
17	1853	1856	1908	1-	1						1	No flare		
18	0806	0814	0928	3	1		1					No flare		
18	0854	0859	0929	2-	3						2	0852	C5.2	9276
18	1103	1111	1134	1+	3						2	1103	C7.0	9269
18	1315	1320	1325	1-	1						1	1318	C3.0	
18	1338	1351	1408	1+	3		1				1	1340	C3.8	
18	2043	2045	2100	1-	1						1	2041	C3.1	
19	0842	0853	0934	1	1		1					No flare		
19	0955	1006	1058	1	1		1					1003	C9.5	9278
19	1007	1020	1035	1+	5						5	1003	C9.5	9278

* = no flare patrol.

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						SWF	SEA	SPA	LF-SPA	SES			
19	1413	1416	1424	1-	5					3	1411	C3.0	9269
19	1812	1815	1840	1+	3					4	1810	C3.3	
19	1859	1900	1915	1-	3					3	1856	C4.1	9278
20	1141	1148	1212	2	5	1		1		1	1138	C2.4	
20	1546	1551U	1558	1-	1					1	1545	C2.7	9279
21	0942	1010	1128	1	1			1			0938	C1.6	
23	0453	0454	0515	1-	1					1	0452	C3.4	9283
23	0825	0829	0847	1+	3			1		1	0831	C3.4	
23	1040	1056	1206	1	1			1			No flare		
23	1108	1113	1125	1-	1					1	1108	C3.0	9283
23	1644	1649	1713	1+	3					4	1642	C4.0	9283
23	1722	1724	1739	1-	3					3	1720	C2.8	9283
23	1953	1957	2013	1-	1					1	1952	C2.6	
23	2019	2022	2041	1	1					1	No flare		
24	0854	0915	0940	1	1			1			No flare		
24	1107	1111	1115	2	5			2	1	3	1103	M1.1	9283
24	1335	1339	1350	2	5			2	1	4	1332	C9.4	9283
24	1718	1721	1735	1-	3					4	1716	C3.8	
24	2009	2011	2022	1-	1					1	2007	C2.6	
24	2057	2059	2120	1	1					1	2054	C5.4	
25	0557	0600	0625	1+	1					1	0556	C2.9	9283
25	0630	0632	0645	1-	1					1	0630	C2.1	9280
25	1215	1219	1228	1-	1					1	1214	C1.8	9283
25	1559	1601	1628	1+	3					4	1555	C5.4	9283
25	1633	1638	1714	2-	3					4	1630	C3.2	9283
25	1719	1723	1730	1-	1					1	*		
26	0430	0435	0500	1+	1					1	0431	C3.4	
26	0523	0530	0550	1+	1					1	0523	C2.4	
26	0611	0614	0645	2	1					1	0609	C5.0	
26	1033	1057	1113	2-	3			1		2	1043	C5.4	
26	1120	1127	1221	2	3			1		2	1118	C6.8	
26	1136	1145	1215	2	1					1	No flare		
26	1250	1320U	1421	1	1			1			No flare		
26	1605	1612	1709	2	3					5	1602	M1.3	9289
26	1741	1744	1800	1	1					1	1741	C1.5	
26	1930	1933	1953	1	3					3	1928	C2.9	
27	0804	0815	0845	2	1					1	0804	C3.2	9289
27	1056	1109	1145	1	3			1		1	1056	C2.5	
27	1534	1543	1629	2	3					6	1530	M4.3	9289
27	1738	1739	1751	1-	3					4	1735	C3.3	9283
27	1818	1820	1848	2-	3					4	1816	C4.1	9289
27	1857	1858	1930	2	1					1	1857	C2.0	9289
28	0245	0248	0315	1+	1					1	0244	C4.5	9289
28	0410	0415	0445	2	1					1	0406	C5.1	9289
28	1423	1425	1450	1+	1					1	1421	C2.3	9279
29	1055	1101	1124	1+	1					1	1053	C2.5	9289
29	1845	1847	1915	1+	1					1	1842	M1.2	9289
30	1038	1056	1124	1	1			1			1021	C5.4	9283
30	1128	1135U	1149	1	1			1			No flare		

* = no flare patrol.

OBSERVATORIES REPORTING FOR DECEMBER 2000

Bedford, Massachusetts, USA	SES	Marlboro, Massachusetts, USA	SES
Cambridge, England, UK	SES	Nerja, Spain	SES
Edenvale, Rep of S. Africa	SES	Panska Ves, Czech Republic	SES, SEA, SWF
Houston, Texas, USA	SES	Parma, Ohio, USA	SES
Hudson, Ohio, USA	SES	Sofia, Bulgaria	SES
Isola del Gran Sasso, Italy	SES	Upice, Czech Republic	SEA
Koniz, Switzerland	SES	Vlasim, Czech Republic	SEA

Observations are not necessarily continuous.