

**SUDDEN IONOSPHERIC DISTURBANCES
APRIL 2005**

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Apr 05

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	1641	1644	1710	1	1		1				No flare		
02	1856	1914	2027	1	1		1				No flare		
05	1708	1711	1734	1+	1					1	1709	B6.7	10747
05	2001	2006	2045	2-	3					5	2001	C1.1	10747
06	0557	0602	0631	2	1					1	0548	C1.0	10747
06	0633	0636	0703	2	5	1		1			0631	C1.6	10747
09	1221	1320U	1554	1	1		1				1200	B8.2	10751
10	1801	1810	1858	2	3					7	1800	B8.2	
12	1715	1722	1758	2-	3					6	1711	C2.0	10752
15	1559	1607	1635	1	1		1				No flare		
16	1403	1411	1535	1	1		1				No flare		
16	1601	1611U	1631	1	1		1				1614	B7.7	
16	1622	1632	1705	2	3					2	1614	B7.7	
17	0141	0143	0205	1	1					1	0134	C3.3	10755
17	1216	1225	1232	1-	1					1	1212	C1.2	10752
17	1239	1250	1310	2-	3					2	1242	C2.1	10755
17	1547	1554U	1618	1	1		1				No flare		
17	2055	2107	2150	2	3					4	2046	C4.6	10755
18	1125	1137	1200	1	1		1				No flare		
18	1406	1434U	1445	1	1		1				1436	B1.0	10752
19	1126	1141	1156U	1	1		1				No flare		
19	1508	1518	1535	1	1		1				No flare		
19	1558	1611	1638	1	1		1				No flare		
21	1010	1016	1042	1	1		1				No flare		
25	1450	1511U	1625	1	1		1				No flare		
26	0437	0443	0520	2	1					1	0419	C5.3	10756
26	1951	2004	2037	2	3					7	1940	C1.8	10756
28	1245	1258	1312	1	1		1				No flare		
29	2035	2041	2102	1+	3					4	2033	C1.7	10756
30	1817	1825	1856	2-	3					4	1808	C1.0	10756
30	1852	1858	1919	1+	1					1	1849	B2.8	10756

* = no flare patrol.

OBSERVATORIES REPORTING FOR APRIL 2005

Alberta, Canada	SES	Panska Ves, Czech Republic	SES, SEA, SWF
Bedford, Massachusetts, USA	SES	Sussex, United Kingdom	SES
Brookline, Massachusetts, USA	SES	Torrington, Connecticut, USA	SES
Houston, Texas, USA	SES	Tucson, Arizona, USA	SES
Indianapolis, Indiana, USA	SES	Upice, Czech Republic	SEA
Marlborough, Massachusetts, USA	SES	Villiersdorp, South Africa	SES
Palo Alto, California, USA	SES		

Observations are not necessarily continuous.