

SUDDEN IONOSPHERIC DISTURBANCES

MAY 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	0437	0447	0455	1-	1					1	0431	B8.9	10601
01	1046	1053	1104	2-	5	1		1			No flare		
01	1348	1359	1451	2	5		1			4	1343	C2.8	10601
01	1531	1534	1552	3-	5	1	1	1		9	1526	C9.5	10601
02	0333	0343	0409	2	1					1	0325	C5.4	10601
02	0533	0536	0619	1	3					2	0531	C1.3	10601
02	0825	0835	0911	2	3					2	0822	C1.4	10601
02	1024	1034	1100	1	1		1				No flare		
02	1111	1115	1200	3	5	1	1	1		7	1106	C8.3	10601
02	1509	1600	1638	3-	5					2	1507	C2.6	10601
02	1717	1721	1735U	1-	1					1	1715	C1.1	10601
03	0909	0912	0923	1	1			1			No flare		
03	1341	1346	1404	1	1					1	1340	C1.0	10601
03	1605	1614	1635	1	1			1			No flare		
04	1100	1112	1206	1	1			1			No flare		
04	1617	1623	1659	1	1			1			1558	B2.8	10601
04	1703	1705	1728	1	1			1			1653	B2.3	10605
05	1019	1028	1127	1	1			1			*		
05	1136	1144U	1201	1	1			1			1146	B5.4	10605
06	0623	0637	0654	1	1			1			No flare		
06	0838	0844	0914	1	1			1			No flare		
06	0928	1000U	1027	1	1			1			No flare		
07	0741	0819	0855	1	1			1			No flare		
07	0900	0918	0955	1	1			1			No flare		
07	1001	1024	1038	1-	1	1					0956	B7.3	
07	1334	1409	1501	1	1			1			1337	C1.0	10605
07	1536	1618	1657	1	1			1			No flare		
08	0911	0927	1023	2	1			1			No flare		
08	1425	1430	1447	1	1					1	No flare		
09	1638	1650	1721	1	1			1			1617	B3.4	10608
10	0815	0834	0900	1	1			1			*		
11	1428	1437	1524	1	1			1			No flare		
12	1301	1307	1343	1	1			1			No flare		
12	1532	1543	1606	1-	5			1		1	1537	C1.3	10609
13	0734	0743	0832	1+	3			1		3	0729	C1.7	10609
13	0926	0935	1000	2	1					1	0930	C1.3	10609
13	1330	1336	1355	3-	5	1	1	1		10	1324	C7.7	10609
13	1504	1530	1556	1	1			1			No flare		
14	1118	1122	1132	1	1			1			1118	B3.3	10609
15	1441	1449	1537	2	5			1	1	8	1434	C2.2	10609
16	1533	1550	1620	1	1			1			1531	B5.2	10607
17	0619	0712	0814	2	1			1			0708	B8.1	10614
17	0900	0915	0950	1	1			1			*		
18	0819	0833	0851	1-	3	1	1			3	0812	C3.2	10615
18	1130	1150	1215	1	1			1			*		
18	1551	1604	1644	2	5			1		7	1550	C1.6	10615
19	1841	1846	1915	2-	3					4	1841	C1.1	
19	1940	1951	2023	2	3					4	1929	C2.2	

* = no flare patrol.

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MAY 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			
20	0804	0820	0850	1	1		1				No flare		
20	1032	1055	1155	2	1		1				No flare		
20	1716	1721	1748	1+	5					6	1714	C3.7	10618
21	0546	0554	0644	1+	3		1			2	0546	C2.0	10618
21	1617	1623	1652	1	3					4	1616	C2.0	10617
21	2214	2221	2234U	1	1					1	2213	C1.2	10615
21	2340	2353	0000	1	5					2	2335	M2.6	10618
22	0703	0713	0753	1+	3		1			4	0702	C2.2	10618
22	1151	1158	1223	2-	3					2	1145	C1.4	10618
22	1227	1232	1252	1	3					2	1223	C1.5	10618
22	1256	1304	1333	1+	5		1			5	1255	C2.0	10618
22	1543	1608	1652	1	1		1				1608		10618
22	1717	1733	1809	2+	1					1	1720	C1.0	10618
23	1039	1054	1116	2	1		1				*		
23	1437	1459	1543	2	5		1			6	1437	C2.9	10618
23	1614	1648	1730	1	1		1				No flare		
23	1735	1741	1817	2-	3					6	1735	C2.0	10618
23	1946	1955	2028	2-	3					2	1944	C1.4	10618
24	1035	1045	1100	1	1		1				*		
24	1100	1106	1146	2+	5	1	1	1		7	1053	C4.6	10618
25	1251	1302	1344	1	1		1				*		
25	1838	1846	1858	1	1					1	1843	B3.8	10618
26	1234	1243	1254	1	3					2	No flare		
27	1633	1643	1721	1	1		1				*		
28	1009	1013	1038	3-	5	1	1	1		7	1003	C4.1	10618
28	1212	1214	1258	2-	5		1	1		2	1209	C2.2	10618
28	2042	2045	2107	1	1					1	2041	C2.1	10618
28	2108	2110	2138	1+	1					1	2105	B8.9	
29	0741	0756	0934	1	1		1				0817	B3.4	
30	1917	1929	2001	2-	3					2	1915	C1.2	10618
31	0013	0026	0117	2+	3					2	0007	C6.5	10618
31	0848	0902	0931	1	3	1				1	0847	C1.0	10618
31	1032	1041	1207	2+	5		1	1		4	1030	C3.8	10618

* = no flare patrol.

OBSERVATORIES REPORTING FOR MAY 2004

Athens, Greece	SES	Nerja, Spain	SES
Bedford, Massachusetts, USA	SES	Palo Alto, California, USA	SES
Bern, Switzerland	SES	Panska Ves, Czech Republic	SES, SEA, SWF
Brookline, Massachusetts, USA	SES	Perth, Australia	SES
Calcutta, India	SES	Sofia, Bulgaria	SES
Cambridge, England, UK	SES	Sussex, United Kingdom	SES
Edenvale, Rep of S. Africa	SES	Torrington, Connecticut, USA	SES
Houston, Texas, USA	SES	Tucson, Arizona, USA	SES
Isola del Gran Sasso, Italy	SES	Udice, Czech Republic	SEA
Marlborough, Massachusetts, USA	SES	Villiersdorp, South Africa	SES
Milan, Italy	SES		

Observations are not necessarily continuous.