

SUDDEN IONOSPHERIC DISTURBANCES

87
Sep 04

SEPTEMBER 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			
05	0733	0740	0803	1	1		1				No flare		
07	0634	0641	0722	1	1		1				0706	C1.1	10669
07	1340	1530	1640	3+	1					1	1340	C2.8	
07	1651	1700	1735	1	1		1				No flare		
07	2146	2153	2214	1+	1					1	No flare		
08	1406	1443	1517	1	1		1				1453	B9.7	10669
08	1536	1559	1623	1	1		1				No flare		
10	0636	0709	0814	2	1		1				0630	C1.7	
10	1605	1614	1651	2-	5		1			7	1602	C6.9	10672
10	1700	1719	1727	1	1		1				No flare		
12	0023	0032	0105	2-	1					1	0004	M4.8	10672
12	0139E	0140	0158	1	1					1	0136	M3.2	10667
12	1212	1225	1319	1	1		1				No flare		
12	1533	1539	1624	1	1		1				1528	B7.9	
12	1830	1837	1908	1+	3					3	1828	C2.0	10669
12	2101	2104	2115	1	1					1	2057	B8.8	10672
13	2010	2012	2024	1	1					1	2007	C1.4	10672
13	2106	2118	2212	2+	1					1	*		
14	0728	0740	0808	2	1		1				0747	M1.5	10672
14	0908	0927	1109	3-	5			1		4	0747	M1.5	10672
14	0908	0952	1029	1	1	1					0747	M1.5	10672
14	1356	1405	1451	2	5					5	1354	C2.3	
14	1650	1657	1754	2+	3					4	1647	C1.8	
14	1918	1931	2021	2+	3					3	No flare		
15	0648	0714U	0746	1	1		1				No flare		
15	0745	0752	0914	1+	3		1			1	0742	C2.7	10672
15	1530	1533	1604	2	1					1	No flare		
15	1536	1559	1615	1	1		1				No flare		
15	1737	1756	1828	2+	1					1	1742	C1.1	10672
15	1834	1839	1904	1+	3					2	1830	B9.7	10672
17	0851	0900	0924	1	1		1				No flare		
18	1345	1353	1426	2	1					1	1352	B7.5	10673
18	1443	1450	1509	1	1		1				*		
18	1517	1527	1546	1	1		1				1514	B7.5	10672
18	1556	1605	1634	1	1		1				1603	C1.0	10673
18	1615	1622	1715	2+	1					1	*		
18	1735	1737	1846	2	1					1	*		
19	1134	1144	1304	2	3					2	1016	C3.8	10672
19	1235	1253	1400	1	1		1				*		
19	1651	1705	1821	3-	5					7	1646	M1.9	10672
20	0655	0724	0750	1	1		1				0709	C2.1	10672
20	1237	1250	1303	1	1		1				*		
20	1426	1440	1534	1	1		1				1445	B3.4	
21	0832	0835	0842	2	5	1	2	1		5	0830	C7.5	10672
22	0853	0918	1000	2	3		1			3	0854	C3.2	10673
26	1410	1429	1533	1	1		1				*		
28	1205	1334U	1411	2	1		1				1301	B1.9	10673

* = no flare patrol.

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OBSERVATORIES REPORTING FOR SEPTEMBER 2004

Bedford, Massachusetts, USA	SES	Palo Alto, California, USA	SES
Bern, Switzerland	SES	Panska Ves, Czech Republic	SES, SEA, SWF
Brookline, Massachusetts, USA	SES	Sofia, Bulgaria	SES
Cambridge, England, UK	SES	Sussex, United Kingdom	SES
Houston, Texas, USA	SES	Torrington, Connecticut, USA	SES
Isola del Gran Sasso, Italy	SES	Tucson, Arizona, USA	SES
Marlborough, Massachusetts, USA	SES	Upice, Czech Republic	SEA
Milan, Italy	SES	Villiersdorp, South Africa	SES
Nerja, Spain	SES		

Observations are not necessarily continuous.