Day of Flare	NOAA Start	Day of Year	GOES Start	GOES End Date	GOES End Time	SIS/Uleis Oxygen	SIS/ULEIS He	SIS/PET He	PET/GOES Protons	ULEIS/GOES Protons
12/2/03	1505	2003:336	1200	12/6/03	2400				close	U/G ~ 5
11/2/03	1105	2003:306	1700	11/4/03	2100				good	excellent
10/29/03	2037	2003:302	2100	10/31/03	2400				close	U/G ~ 0.2
10/28/03	1215	2003:301	1200	10/29/03	2100				P/G ~ .25	ok
11/9/02	1920	2002:313	1400	11/13/02	2400				close	perfect
8/24/02	0140	2002:236	100	8/28/02	2400				P/G ~ 0.7	U/G ~ 1.2
4/21/02	0225	2002:111	100	4/26/02	2400				p/G ~ 0.6	U/G ~ 0.2
2/20/02	0730	2002:051	600	2/23/02	2100				p/G ~ 0.5	very good
12/26/01	0605	2001:360	500	12/29/01	200				p/G ~ 0.8	U/G ~ 0.67
11/4/01	0215?	2001:308	1600	11/12/01	2400				p/G ~ 0.3	U/G ~ 0.15
9/24/01	2235	2001:267	1100	9/30/01	2400					
8/9/01	1155 on 8/10	2001:221	1100 on 8/9	8/13/01	1100					
5/7/01	1915	2001:127								
4/2/01	2340	2001:092								
10/26/00	0040	2000:299								
10/16/00	1125	2000:290								
9/12/00	1555	2000:256								
4/4/00	2055	2000:095								
6/2/99	0245	1999:152								
5/6/98	0845	1998:126								
5/2/98	1420	1998:122								

NOAA Start is defined by 3 consecutive 5-minute averages >10 pfu