

Time Interval	Data availability					Remarks
	Boulder	Millstone Hill	Wallops Is	Chilton	Ebre	
<b>Solar Cycle 23</b>						
29/03-03/04 2001	No	Partially  No data on 29, 30 and 31/3	Partially  Available data from 14/3 onwards No data on 25-30 March	Yes  ✓	Yes  Manually scaled  ✓	<b>Selected</b>  Priority: 1
31/08 - 01/09 2001						<b>Missed by SWIF</b> <i>(Weak storm event - out of the scope)</i> Priority: 0
22 - 25 / 05/ 2002	No	Yes	No  No data available in 28/4 - 23/5	Yes	Yes  Manually scaled	<b>Missed by SWIF</b> <b>(failure of the Bz-criterion)</b> Priority: 2
29 - 30 / 10 / 2003	No	Partially  Long data gaps in the nighttime hours 29-30/10	Yes  Data available only for 28-30/10 - median estimates not available	Partially  Long data gaps on 29/10	No	Data coverage within the event does not meet the requirements Priority: 3
19 - 24 / 11 / 2003	No	Partially  Some data gaps in 19-24/11 (half of the main storm day)	Yes  Data available only from 28/10 onwards Strange data resolution	Partially  Some data gaps in 19-24/11, mainly on the storm day	No  Data available only from 21/11 onwards	Data coverage within the event does not meet the requirements Priority: 3
18 - 31 / 07/ 2004	Partially  Long data gaps in 27-30/07, including the storm days	Yes  Data gaps in 25-31/7, including the storm days	Yes  Data gaps in 23 - 31/7, including the storm days  ✓	Yes  Limited data gaps  ✓	Yes  Limited data gaps  ✓	<b>Selected</b>  Priority: 1
05 - 14 / 11 / 2004	Partially  No data in 12- 14/11	Yes  Data gaps within the event, mainly in the storm days	Partially  Long data gaps within the event, including the storm days	Partially  Long data gaps within the event, including the storm days	Partially  Data gaps within the event, including the storm days	Data coverage within the event does not meet the requirements Priority: 2
14 - 16 / 05 / 2005	Yes  Some data gaps Data of low quality (GIRO CS)	Yes  Some data gaps  ✓	Yes  Some data gaps	Yes  Some data gaps  ✓	Partially  No data for the second half of the day on 16/5	<b>Selected</b>  Priority: 1
09 - 12 / 07 / 2005	Partially  Long data gaps on 10 and 12 / 07	Yes  Some data gaps during the event ?	Yes  Long data gaps on 12/07	Yes  Long data gaps on 12/07	Yes	Possible, but not recommended  Priority: 0
31/08 - 01 / 09 2005	Yes  Limited data gaps during the event	Yes  Limited data gaps during the event	Yes  Limited data gaps during the event	Yes  Limited data gaps during the event	Yes  Limited data gaps during the event	Possible, but not recommended  Need to be expanded to September, 2 Priority: 2

						Example of data coverage
14 - 16 / 12 / 2006	No No data on 15-16/12	No Long data gaps during the event	No Long data gaps during the event	Partially Data gaps during the event	No Long data gaps during the event	Data coverage within the event does not meet the requirements Priority: 3
<b>Solar Cycle 24</b>						
05 - 07 / 04 / 2010	Yes	Partially Long data gaps during the event	Yes	Yes	Yes	Missed by SWIF (failure of the Bz-criterion) Priority: 1 Look for Data
27/04 - 04/05 / 2011						Missed by SWIF (failure of the Bz-criterion) Priority: 0
05 - 07 / 08 / 2011	Yes	Yes	Yes Long data gap on 05 Aug	No No data in 5-7 Aug	Yes	Possible, but not recommended Priority: 0
24 -29 / 09 / 2011	Partially Long data gaps on 29-30 September ?	Yes Some data gaps	Partially Long data gap on the storm day	Yes ?	Yes	Possible, but not recommended Priority: 0
8 - 11 / 03 / 2012	Yes ✓	Partially Long data gaps on 9, 10 March (storm days)	Yes ✓	Partially No data on March 10-11	Yes ✓	Selected Need to be expanded: 7-11/03/2012 Priority: 1
7 - 14 / 05 / 2012						Missed by SWIF (failure of the Bz-criterion) Priority: 0
14 - 17 / 07 / 2012	No No reliable background (days in median<17)	Partially Long data gaps on 16 and 17 July	No	Yes	Partially Some data gaps during the storm days	Data coverage within the event does not meet the requirements Priority: 2
16 - 20 / 03 / 2013	Yes	Partially	Yes	Yes	Yes	Missed by SWIF (failure of the Bz-criterion) Priority: 1 Look for data
31/5 - 4/6 / 2013	Yes	Yes	Yes	Yes	Yes Manually scaled	Priority: 1

			✓	✓	✓	
26 - 30 / 06 / 2013	No No data available in the test event	Yes	Yes	Partially No data on 29-30 June	Yes	Missed by SWIF (marginal failure of the B criterion)  Priority: 3 Look for data
05 - 09 / 07 / 2013	No No data available in the test event	Yes Some data gaps during the test event	Yes	Partially Long data gaps during the event	Yes	Missed by SWIF (marginal failure of the B criterion)  Priority: 3
16 - 19 / 03 / 2015	Partially Data gaps on the storm day No reliable background	Partially Data gap on the storm day	No	Partially Strange data resolution		Data coverage within the event does not meet the requirements  Priority: 2+
21 - 24 / 06 / 2015	Yes Data gaps on the storm day ✓	Yes Data gaps on the storm day	No	Yes ✓	Yes ✓	Priority: 1