

Table 1: Station: **SVS Year: 2012**

Generally: many events of artificial magnetic disturbances has been deleted.  
 Many spikes 0.5 nT, due to the old data-logger, has not been deleted.

Month	Time uncertainty [s]	Data quality comments and issues
January	$\pm 2$	3 <sup>rd</sup> - 6 <sup>th</sup> , 8 <sup>th</sup> , 30 <sup>th</sup> , 31 <sup>st</sup> : several minutes missing data 3 <sup>rd</sup> , 13 <sup>th</sup> , 16 <sup>th</sup> : artificial magnetic disturbances, deleted many spikes (0.5 nT), not deleted
February	$\pm 2$	1 <sup>st</sup> , 8 <sup>th</sup> , 20 <sup>th</sup> : several minutes missing data 9 <sup>th</sup> : several hours missing data many spikes (0.5 nT), not deleted
March	$\pm 2$	1 <sup>st</sup> , 8 <sup>th</sup> , 9 <sup>th</sup> , 29 <sup>th</sup> : several minutes missing data 15 <sup>th</sup> , 16 <sup>th</sup> , 25 <sup>th</sup> , 28 <sup>th</sup> : artificial magnetic disturbances, deleted many spikes (0.5 nT), not deleted
April	$\pm 2$	2 <sup>nd</sup> , 7 <sup>th</sup> , 26 <sup>th</sup> , 28 <sup>th</sup> : several minutes missing data 16 <sup>th</sup> - 18 <sup>th</sup> , 20 <sup>th</sup> , 22 <sup>nd</sup> , 27 <sup>th</sup> : artificial magnetic disturbances, deleted many spikes (0.5 nT), not deleted
May	$\pm 2$	8 <sup>th</sup> : several minutes missing data many spikes (0.5 nT), not deleted
June	$\pm 2$	3 <sup>rd</sup> , 19 <sup>th</sup> , 20 <sup>th</sup> : several minutes missing data 14 <sup>th</sup> : several hours missing data many spikes (0.5 nT), not deleted
July	$\pm 2$	22 <sup>th</sup> , 27 <sup>th</sup> : several minutes missing data many spikes (0.5 nT), not deleted
August	$\pm 2$	19 <sup>th</sup> : several minutes missing data 4 <sup>th</sup> : artificial magnetic disturbances, deleted 12 <sup>th</sup> , 13 <sup>th</sup> , 17 <sup>th</sup> , 18 <sup>th</sup> : 1-2 nT noise 14 <sup>th</sup> : Earthquake, not deleted many spikes (0.5 nT), not deleted
September	$\pm 2$	30 <sup>th</sup> : several minutes missing data 11 <sup>th</sup> : artificial magnetic disturbances, deleted many spikes (0.5 nT), not deleted
October	$\pm 2$	12 <sup>th</sup> , 13 <sup>th</sup> : several minutes missing data 28 <sup>th</sup> : Earthquake many spikes (0.5 nT), not deleted
November	$\pm 2$	8 <sup>th</sup> : several minutes missing data 11 <sup>th</sup> , 27 <sup>th</sup> : artificial magnetic disturbances, deleted many spikes (0.5 nT), not deleted
December	$\pm 2$	7 <sup>th</sup> , 20 <sup>th</sup> , 28 <sup>th</sup> : several minutes to two hours missing data 16 <sup>th</sup> , 17 <sup>th</sup> , 20 <sup>th</sup> , 22 <sup>nd</sup> , 23 <sup>rd</sup> , 26 <sup>th</sup> , 27 <sup>th</sup> , 29 <sup>th</sup> : artificial magnetic disturbances, deleted 18 <sup>th</sup> : 2.5 nT jump (down) many spikes (0.5 nT), not deleted