

Magnetic cloud	Time interval (doy)	Latitude (°)	Longitude (°)
19970110	10.248→11.020	15	143
19970515	135.446→135.984	5	20
19990417	107.132→107.817	17	127
19990809	221.650→222.400	33	345
20000222	52.880→53.540	38	33
20000716	197.882→198.270	1	285
20000728	210.775→211.358	32	286
20000812	225.265→226.046	1	135
20000918	262.255→263.041	10	310
20001013	287.756→288.714	4	176
20001107	311.985→312.679	0	203
20010412	102.358→103.291	16	57
20010428	118.922→119.679	8	60
20020319	78.262→78.825	44	169
20020417	108.152→109.346	2	30
20020519	138.577→139.549	40	120
20030818	230.284→230.999	85	51
20031029	302.255→302.869	31	111
20031031	303.964→305.145	20	63
20040724	206.749→207.270	3	35
20041109	315.218→315.671	3	3
20050514	135.468→136.005	58	183
20050520	140.546→141.218	6	174