

## List of Stream Interaction Regions Observed by STEREO

Comparison pair #	# of Spacecraft	Start time [Doy Month/Day HH:MM]	End time	$P_{tmax}^1$ time	$P_{tmax}$ [pPa]	$B_{max}$ [nT]	$N_{pmax}^2$ [ $cm^{-3}$ ]	$V_{max}$ [km/s]	$V_{min}$ [km/s]	
<b>2007</b>										
1	1	B	63 03/04 18:50	66 03/07 20:00	65 03/06 06:50	150	10.1	21.4	635	343
	1	A	63 03/04 15:50	66 03/07 20:00	65 03/06 10:40	85	10.8	16.9	632	352
2	2	B	70 03/11 08:40	73 03/14 06:10	71 03/12 13:00	260	15	57.5	734	287
	2	A	70 03/11 03:50	73 03/14 06:30	70 03/11 16:30	115	11.5	36.8	722	322
3	3	B	82 03/23 08:30	87 03/28 12:00	82 03/23 19:40	170	14.3	41.3	621	277
	3	A	82 03/23 03:10	87 03/28 12:00	83 03/24 20:10	100	12.1	40.8	578	280
4	4	B	88 03/29 18:20	93 04/03 08:00	91 04/01 03:40	180	13	38.3	679	312
	4	A	88 03/29 13:30	93 04/03 08:00	91 04/01 02:20	90	11.4	29.1	683	333
5	5	B	98 04/08 11:40	99 04/09 17:00	99 04/09 04:40	269	19.8	65.3	496	289
	5	A	98 04/08 01:00	99 04/09 12:10	98 04/08 20:40	180	14.8	49.3	533	303
6	6	B	112 04/22 06:10	113 04/23 13:30	113 04/23 05:20	183.5	12.7	39.2	529	290
	6	A	111 04/21 18:59	113 04/23 06:54	113 04/23 01:00	155.6	14.4	36.2	610	310
7	7	B	116 04/26 14:00	119 04/29 15:20	117 04/27 22:40	93.7	10.1	14.6	713	384
	7	A	116 04/26 14:00	119 04/29 14:00	117 04/27 22:30	93.4	9.15	17.1	718	402
8	8	B	127 05/07 09:43	128 05/08 14:12	127 05/07 14:30	300	22.9	22.7	664	337
	8	A	127 05/07 08:12	128 05/08 20:40	127 05/07 14:30	200	20	51.6	664	329
9	9	B	137 05/17 21:23	139 05/19 12:00	138 05/18 12:10	229.4	16	26.1	681	306
	9	A	137 05/17 22:00	139 05/19 15:40	138 05/18 14:50	213.5	19.8	70.9	663	300
10	10	B	151 05/31 18:00	156 06/05 00:00	153 06/02 06:10	98	13	22	600	285
	10	A	151 05/31 09:10	156 06/05 00:00	155 06/04 14:50	115	14	24	545	300
11	11	B	163 06/12 15:00	166 06/15 01:00	165 06/14 04:30	110	11	16	580	290
	11	A	164 06/13 02:00	166 06/15 16:00	165 06/14 16:40	130	13	25	630	305
12	12	B	172 06/21 06:00	174 06/23 09:00	173 06/22 04:45	160	12	22	660	375
	12	A	172 06/21 06:00	175 06/24 15:00	173 06/22 19:20	80	8.5	14	540	380
13	13	B	179 06/28 16:20	181 06/30 12:11	180 06/29 14:10	140	9.2	27	580	360
	13	A	180 06/29 11:00	182 07/01 18:00	180 06/29 23:00	110	12	34	510	305
14	14	B	184 07/03 03:00	185 07/04 09:30	184 07/03 17:40	110	10	16	630	335
	14	A	185 07/04 00:00	185 07/04 22:09	185 07/04 11:00	170	15	36	625	340
15	15	B	191 07/10 09:45	192 07/11 07:45	191 07/10 20:50	220	18.5	22	680	300
	15	A	192 07/11 03:44	192 07/11 20:22	192 07/11 11:20	250	21.5	44	580	310

16	16	B	194 07/13 22:00	196 07/15 05:40	195 07/14 09:20	130	10.7	24	540	380
	16	A	195 07/14 04:00	196 07/15 14:00	196 07/15 06:00	90	12	13	592	365
17	17	B	200 07/19 20:00	201 07/20 18:04	201 07/20 04:10	175	16	35	570	300
	17	A	201 07/20 08:30	203 07/22 06:00	202 07/21 01:30	93	11.5	31	460	310
18	18	B	207 07/26 01:40	208 07/27 02:30	207 07/26 14:20	200	12.8	38	480	300
	18	A	207 07/26 23:00	208 07/27 22:30	208 07/27 03:20	190	17	70	480	310
19	19	B	209 07/28 08:00	211 07/30 10:00	210 07/29 05:00	75	9	15	590	340
	19	A	210 07/29 00:00	212 07/31 04:00	210 07/29 11:30	120	13.5	38	663	375
20	20	B	217 08/05 23:45	219 08/07 05:00	218 08/06 12:20	200	14	26	680	300
	20	A	218 08/06 18:00	220 08/08 14:40	219 08/07 06:40	215	19	54	620	295
21	21	A	222 08/10 14:00	223 08/11 17:00	223 08/11 05:20	130	13	17	600	380
	21	B	226 08/14 10:30	227 08/15 03:00	226 08/14 20:00	130	14	26	485	330
	22	B	236 08/24 14:16	238 08/26 18:10	236 08/24 21:40	127	11.6	26	660	320
	22	A	237 08/25 20:30	240 08/28 12:00	237 08/25 23:00	145	15	43	660	310
22	23	B	242 08/30 20:40	245 09/02 00:10	243 08/31 16:50	200	9.2	40	640	320
	23	A	244 09/01 14:00	247 09/04 01:00	246 09/03 09:20	130	11	16	680	355
23	24	A	258 09/15 01:40	258 09/15 18:20	258 09/15 06:20	190	20	44	540	360
	24	B	262 09/19 18:15	263 09/20 14:30	262 09/19 23:10	300	15	46	620	390
	25	A	264 09/21 12:00	266 09/23 11:32	266 09/23 01:50	150	14.5	38	620	300
24	25	B	269 09/26 15:45	272 09/29 7:55	269 09/26 18:40	150	11.5	40	700	380
	26	A	271 09/28 14:20	273 09/30 11:09	273 09/30 05:50	135	11.4	35	630	380
25	27	A	291 10/18 16:46	293 10/20 16:00	292 10/19 07:40	185	16	38	660	320
	26	B	297 10/24 11:20	298 10/25 11:06	297 10/24 19:20	100	10.5	22	650	365
	28	A	298 10/25 16:00	299 10/26 15:40	298 10/25 20:20	115	12.5	30	640	390

<sup>1</sup>  $P_{\text{tmax}}$  time: approximate stream interface time, because it is where the forces at the two sides of the interface are equal and in opposite directions.

<sup>2</sup>  $N_{\text{pmax}}$ : maximum proton number density