

APPENDIX A: LIST OF STORMS

335 List of Storm Event Used in This Study.

336 Start times and durations are for the main phase of the storms.

#	Start Date	Start Time (UT)	Duration (hour)	min D_{st}^*
1	January 11, 2000	14	8	-102
2	January 22, 2000	16	12	-129
3	January 27, 2000	19	7	-66
4	February 5, 2000	17	6	-64
5	February 12, 2000	8	4	-169
6	March 1, 2000	3	13	-65
7	March 31, 2000	5	7	-82
8	April 1, 2000	15	10	-70
9	April 4, 2000	12	7	-74
10	April 6, 2000	16	9	-336
11	April 16, 2000	7	5	-103
12	April 24, 2000	10	5	-81
13	April 27, 2000	8	9	-51
14	May 17, 2000	0	6	-119
15	May 24, 2000	1	4	-173
16	May 29, 2000	16	6	-74
17	June 8, 2000	15	5	-115
18	July 20, 2000	1	9	-112
19	July 22, 2000	6	12	-85
20	July 23, 2000	12	11	-84
21	August 5, 2000	20	10	-76
22	August 10, 2000	20	11	-122
23	August 12, 2000	2	8	-259
24	August 28, 2000	21	10	-83
25	September 1, 2000	23	12	-76
26	September 6, 2000	19	14	-50
27	September 12, 2000	9	11	-97
28	September 17, 2000	19	5	-241
29	September 19, 2000	8	8	-104
30	October 3, 2000	1	12	-100
31	October 4, 2000	7	14	-166
32	October 5, 2000	3	5	-213
33	October 5, 2000	11	3	-216
34	October 12, 2000	23	7	-104
35	October 14, 2000	2	13	-127
36	October 28, 2000	20	8	-146
37	November 4, 2000	3	7	-74
38	November 6, 2000	13	9	-191
39	November 10, 2000	6	7	-123
40	November 18, 2000	18	13	-44

41	November 24, 2000	18	5	-54
42	November 26, 2000	17	4	-77
43	November 26, 2000	22	4	-111
44	November 29, 2000	6	8	-146
45	January 3, 2001	1	6	-56
46	January 24, 2001	10	9	-80
47	January 31, 2001	8	4	-65
48	February 6, 2001	6	3	-57
49	February 13, 2001	17	5	-72
50	March 4, 2001	18	9	-98
51	March 20, 2001	3	11	-170
52	March 27, 2001	19	5	-78
53	March 28, 2001	11	4	-110
54	March 31, 2001	3	6	-429
55	April 8, 2001	13	3	-83
56	April 11, 2001	15	9	-303
57	April 13, 2001	10	6	-101
58	April 18, 2001	1	6	-151
59	April 22, 2001	1	15	-126
60	May 6, 2001	20	9	-57
61	May 9, 2001	12	7	-92
62	June 18, 2001	3	6	-89
63	August 17, 2001	12	10	-140
64	September 13, 2001	2	6	-80
65	September 23, 2001	9	11	-97
66	September 25, 2001	20	6	-131
67	September 30, 2001	23	10	-173
68	October 3, 2001	6	9	-187
69	October 21, 2001	16	6	-227
70	October 28, 2001	3	9	-184
71	October 31, 2001	19	16	-125
72	November 24, 2001	6	10	-247
73	December 21, 2001	14	9	-87
74	December 24, 2001	0	11	-80
75	December 29, 2001	23	7	-84
76	January 19, 2002	8	10	-60
77	February 2, 2002	3	7	-111
78	February 5, 2002	17	4	-114
79	March 18, 2002	23	7	-60
80	March 23, 2002	23	11	-125
81	March 30, 2002	11	8	-61
82	April 17, 2002	8	10	-136
83	April 18, 2002	0	8	-144
84	April 20, 2002	3	4	-179
85	April 23, 2002	5	4	-90

86	May 11, 2002	10	10	-134
87	May 18, 2002	20	11	-81
88	May 23, 2002	11	7	-141
89	May 27, 2002	3	7	-86
90	July 5, 2002	22	8	-67
91	July 12, 2002	7	4	-65
92	August 1, 2002	10	4	-78
93	August 1, 2002	23	7	-125
94	August 4, 2002	1	5	-82
95	August 18, 2002	21	5	-78
96	August 19, 2002	19	6	-89
97	August 20, 2002	18	13	-127
98	September 4, 2002	2	4	-133
99	September 7, 2002	16	9	-208
100	September 11, 2002	12	11	-111
101	October 1, 2002	7	10	-205
102	October 4, 2002	3	6	-165
103	October 24, 2002	13	8	-124
104	November 20, 2002	16	5	-117
105	November 21, 2002	2	9	-156
106	December 19, 2002	7	12	-99
107	December 20, 2002	21	7	-105
108	December 22, 2002	20	16	-90
109	December 26, 2002	21	10	-99
110	January 3, 2003	14	7	-61
111	January 29, 2003	18	7	-88
112	February 4, 2003	1	9	-98
113	February 27, 2003	13	9	-87
114	March 3, 2003	15	10	-92
115	March 16, 2003	16	6	-84
116	March 31, 2003	6	10	-99
117	April 29, 2003	12	15	-90
118	April 30, 2003	21	4	-104
119	May 10, 2003	0	8	-111
120	May 21, 2003	16	11	-98
121	May 29, 2003	18	6	-213
122	June 2, 2003	2	7	-119
123	June 18, 2003	5	5	-171
124	July 12, 2003	2	4	-132
125	July 16, 2003	3	11	-121
126	July 26, 2003	16	5	-80
127	August 5, 2003	22	5	-86
128	August 18, 2003	1	15	-166
129	September 9, 2003	18	7	-65
130	September 23, 2003	22	10	-84

131	October 14, 2003	20	3	-113
132	November 4, 2003	6	5	-105
133	November 20, 2003	12	9	-456
134	November 22, 2003	13	10	-110
135	January 15, 2004	12	5	-70
136	January 22, 2004	10	4	-158
137	January 23, 2004	12	6	-101
138	February 11, 2004	10	8	-123
139	March 9, 2004	11	13	-99
140	April 3, 2004	14	11	-141
141	April 5, 2004	16	4	-91
142	April 23, 2004	11	5	-61
143	July 16, 2004	22	5	-100
144	July 22, 2004	20	7	-114
145	July 25, 2004	9	8	-170
146	July 26, 2004	22	5	-142
147	July 27, 2004	4	10	-196
148	August 30, 2004	10	13	-158
149	October 12, 2004	21	11	-72
150	November 7, 2004	19	12	-404
151	November 9, 2004	11	5	-172
152	November 9, 2004	18	4	-249
153	November 10, 2004	4	6	-293
154	January 7, 2005	21	4	-126
155	January 12, 2005	2	6	-81
156	January 17, 2005	15	3	-111
157	January 17, 2005	23	3	-105
158	January 21, 2005	17	6	-142
159	February 17, 2005	23	4	-106
160	April 4, 2005	14	13	-94
161	April 11, 2005	16	14	-86
162	April 29, 2005	17	5	-56
163	May 8, 2005	11	8	-139
164	May 15, 2005	5	4	-284
165	May 20, 2005	4	4	-110
166	May 30, 2005	6	8	-138
167	June 4, 2005	13	8	-57
168	June 12, 2005	17	8	-125
169	July 9, 2005	4	15	-78
170	July 10, 2005	11	10	-124
171	July 17, 2005	21	10	-90
172	July 27, 2005	22	8	-68
173	August 24, 2005	9	3	-242
174	August 31, 2005	12	8	-148
175	September 15, 2005	9	8	-103

176	October 31, 2005	7	14	-96
177	December 9, 2005	19	12	-52
178	January 25, 2006	18	10	-73
179	March 6, 2006	16	11	-76
180	April 5, 2006	1	15	-106
181	April 9, 2006	0	8	-103
182	April 14, 2006	0	10	-121
183	April 22, 2006	0	4	-68
184	May 6, 2006	19	3	-82
185	July 28, 2006	1	4	-78
186	August 7, 2006	1	7	-80
187	August 19, 2006	10	15	-107
188	September 23, 2006	17	12	-77
189	November 9, 2006	17	10	-93
190	November 30, 2006	3	11	-95
191	December 14, 2006	21	8	-185
192	January 29, 2007	12	6	-77
193	March 24, 2007	0	9	-90
194	April 1, 2007	0	9	-90
195	May 23, 2007	7	7	-80
196	July 10, 2007	22	5	-58
197	July 20, 2007	7	5	-54
198	October 25, 2007	12	10	-74
199	November 20, 2007	9	12	-82
200	March 9, 2008	1	5	-114
201	March 26, 2008	10	10	-73
202	June 14, 2008	17	7	-60
203	July 12, 2008	1	8	-58
204	September 3, 2008	21	8	-73
205	October 11, 2008	7	5	-79
206	July 22, 2009	1	5	-111
207	August 6, 2009	2	6	-60
208	May 2, 2010	10	9	-99
209	May 29, 2010	0	14	-98
210	August 3, 2010	19	7	-103
211	October 11, 2010	9	10	-100
212	January 6, 2011	20	5	-68
213	February 4, 2011	17	5	-92
214	February 14, 2011	18	5	-65
215	March 1, 2011	9	6	-115
216	March 10, 2011	18	12	-103
217	April 6, 2011	9	10	-82
218	April 12, 2011	4	6	-70
219	May 28, 2011	6	6	-104
220	August 5, 2011	19	9	-143

221	September 9, 2011	13	5	-97
222	September 17, 2011	7	9	-96
223	September 26, 2011	15	7	-141
224	October 24, 2011	21	5	-175
225	January 22, 2012	7	15	-94
226	January 24, 2012	15	5	-74
227	January 25, 2012	8	3	-100
228	February 18, 2012	20	9	-85
229	February 27, 2012	12	8	-77
230	March 7, 2012	4	6	-119
231	March 9, 2012	1	8	-170
232	March 15, 2012	14	7	-114
233	April 23, 2012	17	12	-141
234	June 17, 2012	0	14	-116
235	July 15, 2012	0	19	-161
236	July 28, 2012	13	10	-53
237	September 30, 2012	23	6	-142
238	October 8, 2012	19	7	-123
239	October 13, 2012	1	7	-112
240	November 1, 2012	3	18	-86
241	November 13, 2012	23	9	-129
242	November 23, 2012	22	8	-64
243	January 17, 2013	13	5	-65
244	March 1, 2013	8	3	-87
245	March 17, 2013	6	5	-119
246	June 1, 2013	1	8	-152
247	June 28, 2013	12	19	-128
248	July 6, 2013	0	19	-107
249	July 9, 2013	21	15	-74
250	July 14, 2013	12	11	-102
251	October 8, 2013	20	6	-94
252	November 9, 2013	1	8	-104
253	December 8, 2013	0	9	-88
254	February 27, 2014	17	5	-126
255	April 11, 2014	17	17	-110
256	April 29, 2014	20	14	-89
257	August 27, 2014	3	16	-103
258	September 12, 2014	19	5	-117
259	December 23, 2014	19	7	-79
260	January 7, 2015	7	5	-129
261	February 17, 2015	20	5	-88
262	March 2, 2015	1	8	-81
263	April 9, 2015	22	7	-81
264	April 10, 2015	23	11	-98
265	May 13, 2015	0	7	-106

266	June 8, 2015	5	4	-101
267	June 22, 2015	18	3	-175
268	June 23, 2015	0	5	-228
269	July 13, 2015	2	10	-81
270	July 23, 2015	3	6	-85
271	August 15, 2015	9	4	-91
272	August 23, 2015	6	3	-71
273	August 26, 2015	13	9	-92
274	August 27, 2015	14	7	-115
275	August 28, 2015	2	8	-113
276	September 9, 2015	0	13	-123
277	September 20, 2015	6	6	-96
278	October 7, 2015	13	10	-148
279	October 18, 2015	7	3	-74
280	November 6, 2015	19	12	-116
281	December 14, 2015	15	5	-75
282	December 20, 2015	12	11	-177
283	December 31, 2015	11	5	-81
284	December 31, 2015	18	7	-128
285	January 20, 2016	4	13	-119
286	February 2, 2016	20	7	-75
287	March 6, 2016	15	7	-131
288	March 14, 2016	19	13	-73
289	April 2, 2016	14	10	-79
290	April 7, 2016	17	8	-86
291	May 21, 2016	1	8	-45
292	July 20, 2016	0	8	-56
293	September 1, 2016	1	9	-83
294	September 19, 2016	6	5	-57
295	October 13, 2016	6	12	-119
296	November 10, 2016	10	8	-90
297	March 27, 2017	4	11	-101
298	April 4, 2017	4	4	-69
299	April 19, 2017	23	6	-67
300	April 21, 2017	15	7	-64
301	May 27, 2017	21	11	-148
302	August 4, 2017	5	10	-58
303	August 31, 2017	6	6	-79
304	September 7, 2017	21	5	-166
305	September 12, 2017	20	5	-84
306	September 14, 2017	12	9	-76
307	December 4, 2017	16	6	-67
308	March 9, 2018	23	8	-60
309	April 20, 2018	0	10	-96
310	May 5, 2018	11	8	-73

311	August 25, 2018	14	18	-203
312	September 21, 2018	21	7	-70
313	October 7, 2018	10	12	-79
314	November 4, 2018	9	11	-57
