

# 1997. Chronology

The 96 tropical cyclones and 254 tropical disturbances were observed in the Word Ocean

## 11. Northwest Pacific Ocean — 30 TC, 3 TD, 76 L

N	Number	Name	Lat	Long	Dates	Max Stage
1	9701	HANNAH	6.0	139.3	01/19–01/25	STS
2	97-1	–	10.1	131.5	02/28–03/07	L
3	97-2	–	9.9	150.6	02/28–03/01	L
4	97-3	–	5.5	175.3	03/05–03/06	L
5	97-4	–	10.1	113.5	03/05–03/06	L
6	97-5	–	5.5	163.0	03/08–03/08	L
7	97-6	–	6.6	151.7	03/10–03/15	L
8	97-7	–	13.4	175.3	03/11–03/12	L
9	97-8	–	8.8	143.8	03/14–03/14	L
10	97-9	–	3.3	167.4	03/16–03/26	L
11	97-10	–	9.9	165.2	03/20–03/20	L
12	97-11	–	5.5	147.2	03/24–03/26	L
13	97-12	–	3.3	167.4	03/31–04/04	L
14	97-13	–	5.5	172.4	04/02–04/03	L
15	97-14	–	6.6	153.9	04/09–04/10	L
16	97-15	–	5.5	172.0	04/09–04/10	L
17	9702	ISA	11.2	157.3	04/09–04/24	T
18	97-16	–	4.4	169.6	04/18–04/21	L
19	97-17	–	12.3	151.7	04/21–04/25	L
20	9703	JIMMY	11.0	158.0	04/21–04/26	STS
21	97-18	–	7.7	163.0	04/25–04/25	L
22	97-19	–	5.5	143.8	04/28–04/29	L
23	97-20	–	4.4	170.8	05/01–05/03	L
24	9704	KELLY	6.6	172.0	05/05–05/11	TS
25	97-21	–	5.5	133.7	05/17–05/18	L
26	97-22	–	7.7	150.6	05/19–05/22	L
27	97-23	–	7.7	113.5	05/20–05/22	L
28	97-24	–	7.7	147.2	05/23–05/23	L
29	97-25	–	5.5	169.6	05/23–05/27	L
30	9705	LEVI	13.4	115.7	05/23–05/31	TS
31	97-26	–	8.8	155.1	05/23–05/24	L
32	9706	MARIE	8.8	163.0	05/26–06/02	T
33	97-27	–	16.7	110.2	05/29–05/30	L
34	97-28	–	2.2	137.1	06/01–06/02	L
35	9707	NESTOR	6.6	171.9	06/01–06/16	T
36	9708	OPAL	11.2	139.3	06/14–06/22	T
37	97-29	–	3.3	156.2	06/14–06/16	L
38	97-30	–	6.6	173.1	06/18–06/26	L
39	9709	PETER	11.2	137.1	06/19–06/30	T
40	97-31	–	8.8	–176.4	06/21–06/25	L
41	97-32	–	9.9	153.9	06/21–06/29	L
42	97-33	–	7.7	173.1	06/24–06/26	L
43	97-34	–	7.7	148.3	06/30–07/08	L
44	97-35	–	12.3	128.1	07/01–07/03	L
45	97-36	–	9.9	–179.7	07/02–07/04	L
46	97-37	–	8.8	164.1	07/06–07/08	L
47	97-38	–	7.7	137.1	07/09–07/12	L

48	97-39	-	7.7	146.1	07/11-07/13	L
49	97-40	-	3.3	150.6	07/13-07/14	L
50	97-41	-	3.3	158.4	07/14-07/14	L
51	97-42	-	16.7	116.8	07/15-07/17	L
52	97-43	-	7.7	166.3	07/15-07/17	L
53	9710	ROSIE	9.9	143.8	07/15-07/28	T
54	97-44	-	27.9	-178.6	07/18-07/21	L
55	9711	SCOTT	23.5	152.8	07/20-08/02	STS
56	97-45	-	27.9	130.4	07/20-07/21	L
57	9712	TINA	7.7	149.4	07/22-08/09	T
58	97-46	-	27.9	160.7	07/25-07/31	TD
59	97-47	-	5.0	166.0	07/25-07/26	L
60	97-48	-	18.9	115.7	07/26-07/28	L
61	97-49	-	9.9	161.8	07/27-07/29	L
62	9713	VICTOR	16.7	116.8	07/28-08/03	T
63	97-50	-	13.4	148.3	07/30-08/05	L
64	9714	WINNIE	6.6	167.4	08/05-08/20	T
65	9715	JULE	3.3	179.7	08/09-08/23	T
66	97-51	-	17.8	147.2	08/12-08/14	L
67	97-52	16W	8.8	-178.6	08/13-08/19	TD
68	97-53	-	11.2	151.7	08/17-08/25	L
69	9716	ZITA	18.9	115.7	08/19-08/23	T
70	9717	AMBER	15.6	136.0	08/20-08/30	T
71	9718	BING	10.1	160.7	08/25-09/04	T
72	9719	CASS	19.0	113.5	08/27-08/30	TS
73	97-54	-	8.8	166.3	08/28-08/29	L
74	97-55	-	24.6	119.1	08/30-08/31	L
75	97-56	-	27.9	150.6	08/31-09/02	L
76	97-57	-	6.6	155.1	09/03-09/04	L
77	97-58	-	13.4	133.7	09/05-09/06	L
78	97-59	-	20.2	112.4	09/08-09/08	L
79	9720	DAVID	10.1	169.6	09/09-09/20	T
80	97-60	-	16.7	179.7	09/14-09/15	L
81	97-61	-	15.6	169.6	09/19-09/22	L
82	9722	FRITZ	13.4	112.4	09/19-09/26	T
83	9723	ELLA	23.5	179.7	09/20-09/25	TS
84	97-62	-	13.4	148.3	09/20-09/22	L
85	9724	GINGER	9.9	175.3	09/22-09/30	T
86	97-63	-	7.7	174.2	09/28-09/28	L
87	9725	HANK	17.8	115.7	09/30-10/04	TS
88	97-64	-	8.8	162.9	09/30-10/03	L
89	97-65	26W	15.6	147.2	10/01-10/07	TD
90	97-66	-	7.7	174.2	10/06-10/06	L
91	97-67	-	4.4	179.7	10/06-10/08	L
92	97-68	-	8.8	178.6	10/08-10/10	L
93	97-69	-	10.1	134.8	10/09-10/11	L
94	9726	JOAN	4.4	176.4	10/11-10/24	T
95	9727	IVAN	6.6	165.2	10/11-10/26	T
96	9728	KEITH	7.7	179.9	10/18-11/09	T
97	9729	LINDA	9.9	135.9	10/26-11/09	T
98	97-70	-	5.5	175.3	11/02-11/06	L
99	9730	MORT	11.2	144.9	11/08-11/16	T
100	97-71	-	10.1	179.7	11/09-11/12	L
101	97-72	-	6.6	104.5	11/10-11/12	L

102	97-73	-	8.0	179.9	11/15-11/16	L
103	97-74	-	21.3	168.5	11/16-11/23	L
104	97-75	-	9.9	171.9	11/18-11/21	L
105	97-76	-	26.8	137.1	11/20-11/21	L
106	97-77	-	8.8	130.4	12/02-12/03	L
107	97-78	-	4.4	159.5	12/18-12/20	L
108	97-79	-	4.4	172.0	12/18-12/19	L

No information about N 9721 is available.

## 2. Northeast Pacific Ocean — 19 TC, 5 TD, 79 L

N	Number	Name	Lat	Long	Dates	Max Stage
1	97-1	-	10.5	-110.0	05/23-05/26	L
2	9701	ANDRES	8.0	-95.0	05/29-06/07	TS
3	97-2	-	7.0	-160.0	06/02-06/03	L
4	97-3	-	7.0	-170.0	06/02-06/03	L
5	97-4	-	6.5	-161.0	06/04-06/07	L
6	97-5	-	8.0	-158.0	06/06-06/07	L
7	97-6	-	8.4	-167.5	06/07-06/07	L
8	97-7	-	7.2	-159.3	06/07-06/07	L
9	97-8	-	5.1	-155.8	06/07-06/07	L
10	9702	BLANCA	13.0	-92.0	06/08-06/13	TS
11	97-9	-	10.0	-157.0	06/12-06/15	L
12	97-10	-	9.0	-116.5	06/14-06/16	L
13	97-11	-	15.5	-101.0	06/15-06/16	L
14	97-12	-	8.5	-92.0	06/17-06/18	L
15	97-13	03E	10.0	-110.0	06/18-06/30	TD
16	97-14	-	8.0	-176.0	06/20-06/22	L
17	97-15	-	5.0	-168.0	06/21-06/22	L
18	97-16	-	11.0	-173.0	06/21-06/22	L
19	97-17	-	11.0	-180.0	06/21-06/22	L
20	97-18	-	10.5	-104.0	06/22-06/24	L
21	97-19	-	9.0	-174.0	06/23-06/27	L
22	97-20	-	10.0	-157.0	06/23-06/24	L
23	9703	CARLOS	16.5	-106.5	06/24-06/29	TS
24	97-21	-	15.0	-146.0	06/26-06/27	L
25	97-22	-	5.0	-147.0	06/26-06/26	L
26	97-23	-	7.0	-95.0	06/26-06/26	L
27	97-24	05E	10.5	-104.0	06/27-07/04	TD
28	97-25	-	11.0	-102.0	07/02-07/03	L
29	97-26	-	11.5	-104.0	07/03-07/04	L
30	9704	DOLORES	13.0	-110.0	07/04-07/13	T
31	97-27	-	11.0	-162.0	07/06-07/07	L
32	97-28	-	5.0	-95.0	07/08-07/09	L
33	9705	ENRIQUE	8.0	-110.0	07/11-07/17	T
34	97-29	-	15.0	-172.0	07/12-07/12	L
35	97-30	-	12.5	-139.0	07/12-07/12	L
36	97-31	-	11.0	-139.0	07/13-07/15	L
37	9706	FELICIA	10.0	-105.0	07/13-07/22	T
38	97-32	-	21.5	-102.5	07/15-07/16	L
39	97-33	-	12.0	-100.0	07/16-07/17	L
40	97-34	-	9.0	-110.0	07/19-07/21	L
41	97-35	-	8.0	-151.0	07/24-07/27	TD
42	97-36	-	31.0	-176.0	07/26-07/26	L
43	97-37	-	24.0	-176.0	07/26-07/26	L

44	97-38	-	21.0	-175.0	07/26-07/26	L
45	97-39	-	10.0	-140.0	07/26-07/31	L
46	97-40	-	10.5	-103.0	07/27-07/29	L
47	9707	GUILLERMO	8.5	-89.0	07/28-08/24	T
48	97-41	-	15.0	-106.0	07/29-08/02	L
49	97-42	-	17.0	-146.0	07/31-07/31	L
50	97-43	-	9.0	-143.0	08/04-08/05	L
51	97-44	-	5.0	-167.0	08/04-08/05	L
52	9708	HILDA	8.0	-110.0	08/07-08/15	TS
53	97-45	-	8.0	-173.0	08/12-08/13	L
54	9709	IGNACIO	10.0	-110.0	08/13-08/20	TS
55	97-46	-	10.1	-146.0	08/17-08/18	L
56	97-47	-	8.0	-110.0	08/18-08/21	L
57	97-48	-	9.0	-88.0	08/18-08/19	L
58	97-49	-	5.0	-179.5	08/20-08/22	L
59	9710	JIMENA	7.5	-121.5	08/24-08/31	T
60	9711	OLIWA	11.0	-164.0	08/27-09/17	T
61	97-50	-	25.0	-113.0	08/30-08/31	L
62	9712	KEVIN	14.0	-106.0	09/01-09/06	STS
63	97-51	-	12.0	-120.0	09/03-09/04	L
64	97-52	-	11.0	-153.0	09/04-09/06	L
65	97-53	-	12.5	-148.0	09/08-09/08	L
66	9713	LINDA	10.0	-104.0	09/08-09/18	T
67	97-54	-	10.0	-123.0	09/09-09/10	L
68	9714	MARTY	9.0	-135.0	09/11-09/16	TS
69	97-55	-	11.0	-163.0	09/12-09/14	L
70	9715	NORA	7.0	-95.0	09/13-09/26	T
71	97-56	-	22.0	-177.0	09/19-09/20	L
72	97-57	-	4.0	-167.0	09/19-09/20	L
73	9716	OLAF	7.0	-95.0	09/21-10/16	STS
74	9717	PAULINE	12.0	-102.0	09/30-10/10	T
75	97-58	-	10.0	-138.0	10/01-10/05	L
76	97-59	-	7.0	-150.0	10/02-10/03	L
77	97-60	-	9.0	-140.0	10/02-10/08	TD
78	97-61	-	9.0	-154.0	10/03-10/08	L
79	97-62	-	18.0	-154.0	10/07-10/07	L
80	97-63	-	7.0	-160.0	10/10-10/10	L
81	97-64	-	8.0	-161.0	10/12-10/16	L
82	97-65	-	12.0	-169.0	10/17-10/18	L
83	97-66	-	10.0	-170.0	10/17-10/18	L
84	97-67	-	9.0	-145.0	10/21-10/27	L
85	97-68	-	9.0	-166.0	10/22-10/25	L
86	97-69	-	12.0	-121.0	10/23-10/24	L
87	97-70	-	6.0	-161.0	10/26-11/01	TD
88	97-71	-	12.0	-164.0	10/31-11/01	L
89	97-72	-	14.0	-134.0	11/01-11/01	L
90	97-73	-	18.0	-113.0	11/02-11/08	L
91	97-74	-	9.0	-137.0	11/04-11/07	L
92	97-75	-	13.0	-160.0	11/04-11/05	L
93	9718	RICK	8.0	-103.0	11/05-11/10	T
94	97-76	-	9.0	-88.0	11/08-11/10	L
95	97-77	-	10.0	-92.0	11/13-11/22	L
96	97-78	-	8.0	-171.0	11/13-11/13	L
97	97-79	-	14.0	-138.0	11/21-11/21	L

98	97-80	-	10.0	-133.0	11/22-11/26	L
99	97-81	-	6.5	-118.0	11/24-11/25	L
100	97-82	-	9.0	-124.0	11/25-11/26	L
101	97-83	-	13.0	-88.0	11/27-11/28	L
102	97-84	-	11.0	-88.0	11/29-11/30	L
103	9719	PAKA	7.0	-168.0	11/29-12/22	T

## 3. North Atlantic Ocean — 7 TC, 1 TD, 23 L, 12 W

N	Number	Name	Lat	Long	Dates	Max Stage
1	9701	ANA	31.8	-75.9	06/30-07/04	TS
2	97-1	-	15.0	-55.0	07/04-07/09	W
3	97-2	-	25.0	-55.0	07/07-07/09	L
4	9702	BILL	26.0	-68.0	07/09-07/16	T
5	9703	CLAUDETTE	31.0	-74.0	07/12-07/17	TS
6	9704	DANNY	25.0	-90.0	07/14-07/23	T
7	97-3	-	15.0	-48.0	07/16-07/23	TD
8	97-4	-	24.0	-73.0	07/24-07/24	L
9	97-5	-	15.0	-50.0	07/26-07/30	W
10	97-6	-	22.0	-62.5	07/28-07/31	W
11	97-7	-	28.0	-87.0	07/30-08/04	L
12	97-8	-	18.0	-87.0	08/02-08/04	W
13	97-9	-	13.0	-64.0	08/04-08/06	W
14	97-10	-	15.0	-51.0	08/07-08/11	L
15	97-11	-	32.0	-75.0	08/10-08/11	L
16	97-12	-	25.0	-90.0	08/12-08/13	L
17	97-13	-	13.0	-27.0	08/14-08/19	W
18	97-14	-	15.0	-38.0	08/20-09/04	L
19	97-15	-	16.0	-24.0	08/20-08/25	W
20	97-16	-	15.0	-48.0	08/22-08/26	W
21	97-17	-	32.0	-50.0	08/24-08/25	L
22	97-18	-	16.0	-24.0	08/25-08/27	W
24	97-19	-	27.0	-75.0	08/26-09/02	L
23	97-20	-	16.0	-24.0	08/27-09/02	W
25	97-21	-	31.0	-73.0	09/02-09/04	L
26	9705	ERIKA	15.0	-38.0	09/02-09/15	T
27	97-22	-	23.0	-93.0	09/03-09/04	L
28	97-23	-	15.0	-40.0	09/06-09/16	W
29	97-24	-	25.0	-93.0	09/08-09/11	L
30	97-25	-	23.0	-75.0	09/16-09/20	L
31	97-26	-	15.0	-40.0	09/16-09/28	L
32	97-27	-	23.0	-75.0	09/20-09/21	L
33	97-28	-	15.0	-40.0	09/22-09/30	L
34	97-29	-	15.0	-80.0	09/28-09/30	L
35	97-30	-	12.0	-35.0	10/03-10/06	L
36	97-31	-	20.0	-65.0	10/03-10/05	L
37	97-32	-	32.0	-35.0	10/03-10/06	L
38	97-33	-	19.0	-82.0	10/03-10/05	L
39	9706	FABIAN	28.0	-52.0	10/05-10/09	TS
40	9707	GRACE	16.0	-75.0	10/08-10/18	TS
41	97-34	-	19.0	-80.0	10/14-10/14	L
42	97-35	-	15.0	-50.0	10/16-10/18	W
43	97-36	-	17.0	-85.0	11/19-11/23	L

## 4. North Indian Ocean — 4 TC, 2 TD, 18 L

N	Number	Name	Lat	Long	Dates	Max Stage
1	9701	01B	5.5	89.7	05/13-05/21	T
2	97-1	-	5.5	91.0	05/15-05/16	L
3	97-2	-	18.9	92.1	06/06-06/07	L
4	97-3	-	21.3	68.4	06/20-06/23	L
5	97-4	-	19.0	88.6	06/25-06/27	L
6	97-5	-	20.2	60.6	07/01-07/02	L
7	97-6	-	17.8	91.0	07/28-07/29	L
8	97-7	-	21.3	87.5	08/04-08/05	TD
9	97-8	-	24.6	70.7	08/07-08/08	L
10	97-9	-	19.0	86.4	08/19-08/20	TD
11	97-10	-	22.4	71.8	08/24-08/25	L
12	97-11	-	16.7	91.0	08/26-08/29	L
13	9702	02B	13.4	83.1	09/19-09/30	T
14	97-12	-	15.5	81.5	09/24-09/25	L
15	97-13	-	12.3	97.6	10/05-10/07	L
16	97-14	-	3.3	64.0	10/08-10/13	L
17	97-15	-	6.6	58.3	10/23-10/27	L
18	97-16	-	7.5	75.0	10/26-11/01	L
19	9703	03A	8.8	68.4	11/03-11/09	TS
20	9704	04A	8.8	85.3	11/04-11/14	STS
21	97-17	-	15.6	90.9	11/10-11/11	L
22	97-18	-	12.3	84.2	11/13-11/17	L
23	97-19	-	9.9	74.1	11/22-11/27	L
24	97-20	-	9.0	64.0	12/05-12/06	L

## 5. South Indian Ocean — 15 TC, 20 L

N	Number	Name	Lat	Long	Dates	Max Stage
1	9701	PHIL	-17.8	111.0	01/01-01/12	TS
2	9702	RACHEL	-11.7	130.6	01/02-01/08	T
3	9703	FABRIOLA	-14.0	55.0	01/02-01/09	STS
4	9704	NO NAME	-18.2	92.1	01/11-01/14	TS
5	9705	PANCHO	-8.8	95.8	01/19-02/06	T
6	9706	GRETELLE	-16.2	57.1	01/20-02/01	T
7	9707	ILETTA	-14.1	65.7	01/23-01/29	T
8	9708	JOSIE	-14.0	50.0	02/08-02/17	T
9	9709	KARLETTE	-16.0	82.0	02/16-02/26	T
10	9710	NO NAME	-16.2	113.9	02/19-02/25	TS
11	97-1	-	-20.7	115.7	02/26-02/27	L
12	9711	LISETTE	-19.0	40.0	02/27-03/03	T
13	97-2	-	-15.6	65.1	03/12-03/14	L
14	97-3	-	-11.2	83.1	03/19-03/20	L
15	97-4	-	-11.2	58.3	03/21-03/24	L
16	97-5	-	-14.5	83.1	03/26-03/26	L
17	97-6	-	-5.5	70.7	03/26-03/27	L
18	97-7	-	-6.6	52.8	04/01-04/02	L
19	97-8	-	-10.1	90.9	04/19-04/20	L
20	97-9	-	-6.6	80.8	04/26-04/26	L
21	97-10	-	-10.1	68.4	05/01-05/05	L
22	97-11	-	-10.1	85.3	05/02-05/03	L
23	97-12	-	-10.1	93.2	05/02-05/03	L
24	97-13	-	-8.8	80.8	05/03-05/05	L

25	9712	RHONDA	-9.9	82.0	05/08-05/17	T
26	97-14	-	-6.6	64.0	05/11-05/12	L
27	97-15	-	-7.7	82.0	06/28-06/29	L
28	9713	LINDSAY	-4.4	78.4	07/19-07/24	TS
29	97-16	-	-4.4	78.4	07/20-07/21	L
30	97-17	-	-4.4	48.2	10/04-10/05	L
31	97-18	-	-3.3	53.8	10/11-10/13	L
32	97-19	-	-12.3	54.9	12/12-12/13	L
33	97-20	-	-12.3	119.1	12/17-12/19	L
34	9714	SID	-11.2	128.1	12/25-12/28	TS
35	9715	SELWYN	-12.3	110.2	12/26-01/01	T

## 6. Southwest Pacific Ocean — 21 TC, 1 TD, 14 L

N	Number	Name	Lat	Long	Dates	Max Stage
1	9701	DRENA	-14.3	167.0	01/02-01/11	T
2	9702	EVAN	-18.0	163.0	01/13-01/17	T
3	9703	FREDA	-21.0	174.0	01/25-02/03	T
4	9704	GILLIAN	-14.3	149.5	02/10-02/13	TS
5	9705	HAROLD	-14.1	157.5	02/16-02/21	STS
6	9706	ITA	-18.0	149.0	02/24-02/25	TS
7	9707	NO NAME	-27.0	-167.0	02/25-02/28	TS
8	9708	GAVIN	-8.8	170.8	03/02-03/12	T
9	9709	JUSTIN	-18.9	157.3	03/03-03/25	T
10	97-1	-	-7.7	179.7	03/07-03/11	L
11	9710	HINA	-11.5	176.5	03/12-03/19	STS
12	97-2	-	-18.9	171.9	03/25-03/26	L
13	97-3	-	-6.6	154.0	04/12-04/14	L
14	9711	IAN	-15.6	171.9	04/15-04/20	STS
15	97-4	-	-12.3	169.6	04/18-04/21	L
16	97-5	-	-5.5	156.2	04/25-04/25	L
17	9712	YUNE	-10.1	168.5	04/26-05/06	STS
18	9713	NO NAME	-13.4	170.8	05/27-05/30	TS
19	9714	KELI	-7.0	-174.0	06/08-06/16	T
20	97-6	-	-5.5	157.3	07/16-07/17	L
21	97-7	-	-4.4	176.4	08/17-08/18	L
22	97-8	-	-8.8	176.4	08/20-08/21	L
23	97-9	-	-5.5	165.2	09/04-09/05	L
24	97-10	-	-9.9	168.5	09/08-09/14	L
25	9715	LUSI	-10.1	173.1	10/05-10/12	STS
26	9716	NO NAME	-7.7	-179.7	10/22-10/28	TS
27	9717	MARTIN	-8.8	-165.9	10/28-11/04	T
28	9718	NUTE	-10.0	179.9	11/15-11/22	T
29	97-11	-	-6.6	172.0	11/19-11/25	L
30	9719	OSEA	-10.0	-156.0	11/22-11/28	T
31	97-12	-	-14.5	159.5	11/26-11/30	L
32	97-13	-	-6.6	163.0	11/27-11/30	L
33	9720	PAM	-10.0	-167.0	12/05-12/10	T
34	97-14	-	-11.2	-178.0	12/21-12/30	TD
35	97-15	-	-6.6	160.7	12/30-12/31	L
36	9721	SUSAN	-10.0	174.2	12/30-01/10	T

# 1997. Evolution

## 1997. Northwest Pacific Ocean

1. TC = NWP9701 Name = HANNAH All Points = 18

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/19	6	6.0	139.3	1002	13	W	7
2	TS	01/19	18	6.3	138.1	997	18	W	6
3	STS	01/20	0	7.1	137.6	987	26	NW	6
4	TS	01/20	6	7.3	137.2	991	23	NW	5
5	TS	01/20	12	7.3	136.5	991	23	W	6
6	TS	01/20	18	7.5	135.9	991	23	WNW	6
7	TS	01/21	0	8.8	133.9	991	23	WNW	12
8	TS	01/21	6	9.4	133.3	991	23	NW	11
9	TS	01/21	12	10.5	132.9	997	18	NNW	13
10	TS	01/21	18	12.0	132.7	991	23	N	11
11	TS	01/22	0	11.0	133.3	994	21	N	4
12	TD	01/22	6	11.1	133.4	1000	15	N	2
13	TD	01/23	6	9.3	133.1	1004	13	SE	4
14	TD	01/23	18	8.1	131.9	1004	13	SW	6
15	TD	01/24	6	9.3	131.8	1004	13	NW	4
16	TD	01/24	18	9.8	131.0	1004	13	WNW	5
17	TD	01/25	6	10.1	130.1	1004	13	WNW	5
18	L	01/25	18	10.4	129.3	1006	11	W	5

2. TC = NWP97-1 Name = NO NAME All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	02/28	0	10.1	131.5	1007	7	SW	3
2	L	02/28	6	9.9	130.4	1007	7	SW	3
3	L	03/01	0	9.0	130.0	1007	7	S	5
4	L	03/01	6	9.0	132.0	1007	7	E	5
5	L	03/02	0	9.9	132.6	1008	7	NE	3
6	L	03/02	6	10.1	130.4	1008	7	WNW	3
7	L	03/03	3	10.1	129.4	1008	10	W	5
8	L	03/04	6	9.9	128.1	1008	7	W	7
9	L	03/05	6	9.9	127.0	1008	7	W	7
10	L	03/06	6	6.6	126.0	1008	7	SSW	10
11	L	03/07	6	6.6	126.9	1008	5	E	3

3. TC = NWP97-2 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	02/28	6	9.9	150.6	1006	7	0	0
2	L	03/01	6	9.9	150.6	1006	7	0	0

4. TC = NWP97-3 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	03/05	6	5.5	175.3	1006	10	0	0
2	L	03/06	18	5.5	175.3	1008	7	0	0

5. TC = NWP97-4 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	03/05	6	10.1	113.5	1012	10	0	0
2	L	03/06	6	7.7	107.8	1012	7	SW	15

6. TC = NWP97-5 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	03/08	6	5.5	163.0	1004	7	0	0
2	L	03/08	18	5.5	163.0	1004	7	0	0

7. TC = NWP97-6 Name = NO NAME All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	03/10	6	6.6	151.7	1004	7	0	0
2	L	03/11	6	6.6	151.7	1004	7	0	0
3	L	03/12	6	6.6	151.7	1004	7	0	0
4	L	03/13	3	5.5	154.0	1006	5	ESE	5
5	L	03/14	6	6.6	151.7	1006	7	WNW	7
6	L	03/15	6	6.6	151.7	1006	7	0	0

8. TC = NWP97-7 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	03/11	6	13.4	175.3	1001	7	0	0
2	L	03/12	6	12.3	177.5	998	7	SE	10

9. TC = NWP97-8 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	03/14	6	8.80	143.80	1008	5	0	0
2	L	03/14	18	8.80	143.80	1008	5	0	0

10. TC = NWP97-9 Name = NO NAME All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	03/16	6	3.3	167.4	1003	7	0	0
2	L	03/17	6	10.1	163.0	1003	7	NW	15
3	L	03/18	6	12.0	161.5	1004	7	NW	8
4	L	03/19	6	14.5	159.5	1004	7	NW	8
5	L	03/20	6	15.5	160.7	1006	7	NE	7
6	L	03/21	6	14.5	158.4	1006	7	WSW	8
7	L	03/22	6	13.4	153.9	1006	7	WSW	10
8	L	03/23	6	12.3	150.6	1008	7	WSW	10
9	L	03/24	6	11.2	145.0	1008	7	W	8
10	L	03/25	6	9.9	142.7	1008	7	SW	10
11	L	03/26	6	6.6	135.9	1008	7	SW	15

11. TC = NWP97-10 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	03/20	6	9.9	165.2	1007	7	0	0
2	L	03/20	18	9.9	165.2	1007	7	0	0

12. TC = NWP97-11 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	03/24	2	5.5	147.2	1006	7	0	0
2	L	03/25	6	6.6	146.1	1006	7	NW	5
3	L	03/26	6	5.5	143.8	1006	7	WSW	10

13. TC = NWP97-12 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	03/31	6	3.3	167.4	1007	5	0	0
2	L	04/01	6	3.3	167.4	1007	5	0	0
3	L	04/02	6	4.4	164.1	1009	5	WNW	15
4	L	04/03	6	4.4	168.5	1009	5	E	15
5	L	04/04	6	4.4	164.0	1009	5	W	15

14. TC = NWP97-13 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	04/02	6	5.5	172.4	1007	5	0	0

2	L	04/03	6	5.5	172.4	1007	5	0	0
15. TC = NWP97-14 Name = NO NAME All Points = 2									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	04/09	6	6.6	153.9	1007	7	0	0
2	L	04/10	6	6.6	153.9	1007	7	0	0
16. TC = NWP97-15 Name = NO NAME All Points = 3									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	04/09	6	5.5	172.0	1008	5	N	5
2	L	04/10	6	10.1	173.1	1008	5	NNE	10
3	L	04/10	21	7.7	175.3	1007	5	SE	10
17. TC = NWP9702 Name = ISA All Points = 50									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	04/09	6	11.2	157.3	1007	7	0	0
2	L	04/10	6	11.2	157.3	1007	7	0	0
3	L	04/11	0	10.1	159.3	1005	10	ESE	10
4	TD	04/11	18	9.0	158.4	1000	15	SW	7
5	TD	04/12	0	8.5	158.7	1000	15	S	2
6	TS	04/12	6	7.5	157.6	997	18	SW	5
7	TS	04/12	12	7.6	157.7	997	18	WSW	2
8	TS	04/12	18	8.0	158.5	991	23	ENE	3
9	STS	04/13	0	8.4	158.1	984	28	WNW	2
10	STS	04/13	6	8.4	157.9	984	28	0	0
11	STS	04/13	12	8.8	157.3	980	31	WNW	4
12	T	04/13	18	9.6	156.2	976	33	NW	11
13	T	04/14	0	10.1	155.5	976	33	NW	10
14	T	04/14	6	10.2	154.5	976	33	W	10
15	T	04/14	12	10.0	154.0	976	33	W	7
16	T	04/14	18	10.0	152.6	976	33	W	7
17	T	04/15	0	10.1	150.5	966	38	W	13
18	T	04/15	6	10.1	149.2	966	38	W	13
19	T	04/15	12	10.1	148.2	966	38	W	10
20	T	04/15	18	10.3	147.2	954	46	W	10
21	T	04/16	0	10.1	146.6	948	49	W	3
22	T	04/16	6	10.9	145.8	942	51	WNW	10
23	T	04/16	12	11.0	145.0	932	57	WNW	8
24	T	04/16	18	11.2	143.8	937	54	W	10
25	T	04/17	0	11.5	143.3	937	54	WNW	7
26	T	04/17	6	11.9	142.7	932	57	WNW	7
27	T	04/17	12	12.5	141.8	932	57	NW	11
28	T	04/17	18	12.8	141.4	927	60	NW	5
29	T	04/18	0	13.1	140.5	927	60	WNW	8
30	T	04/18	6	13.2	139.7	927	60	W	8
31	T	04/18	12	13.5	139.4	913	65	NW	4
32	T	04/18	18	14.0	138.9	913	65	NW	7
33	T	04/19	0	14.2	138.5	913	65	NW	5
34	T	04/19	12	15.3	138.0	903	70	N	5
35	T	04/19	18	16.0	137.8	903	70	N	6
36	T	04/20	0	16.6	137.7	892	76	N	6
37	T	04/20	6	17.3	137.6	892	76	N	7
38	T	04/20	12	18.1	137.7	898	73	N	8
39	T	04/21	0	20.0	137.7	913	65	N	10
40	T	04/21	6	21.0	138.0	927	60	NNE	10
41	T	04/21	12	22.1	138.8	942	51	NNE	13
42	T	04/21	18	23.1	139.3	954	46	NNE	12
43	T	04/22	6	25.8	141.2	966	38	NE	22
44	T	04/22	12	26.8	142.5	966	38	NE	18
45	T	04/22	18	27.7	144.1	976	33	NE	17

46	STS	04/23	0	27.8	145.9	980	31	E	16
47	STS	04/23	6	28.9	148.3	987	26	ENE	24
48	L	04/23	18	31.4	153.2	991	23	ENE	24
49	L	04/24	6	33.7	158.9	991	23	ENE	30
50	L	04/24	18	36.8	164.8	991	23	ENE	30
18. TC = NWP97-16 Name = NO NAME All Points = 4									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	04/18	0	4.4	169.6	1007	7	0	0
2	L	04/19	0	8.8	160.4	1007	7	NW	15
3	L	04/20	0	8.8	158.4	1008	8	W	12
4	L	04/21	0	8.8	158.4	1008	7	0	0
19. TC = NWP97-17 Name = NO NAME All Points = 2									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	04/21	0	12.3	151.7	1006	7	0	0
2	L	04/25	0	13.4	156.8	1006	7	0	0
20. TC = NWP9703 Name = JIMMY All Points = 16									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	04/21	6	11.0	158.0	1000	15	NW	10
2	TS	04/22	6	11.6	156.9	997	18	NW	11
3	TS	04/22	12	12.4	156.8	997	18	NNW	9
4	TS	04/22	18	13.1	156.3	997	18	NNW	8
5	TS	04/23	0	14.3	154.9	994	21	NW	13
6	TS	04/23	6	15.0	154.1	997	18	NW	10
7	TS	04/23	12	15.8	153.9	991	23	NNW	8
8	TS	04/23	18	16.5	153.6	991	23	NNW	7
9	STS	04/24	0	17.8	153.9	987	26	N	11
10	STS	04/24	6	18.5	154.5	987	26	NNE	12
11	STS	04/24	12	19.8	155.4	987	26	NNE	16
12	STS	04/24	18	20.9	156.1	987	26	NNE	14
13	STS	04/25	0	20.4	155.4	984	28	NNE	7
14	TD	04/25	18	20.8	157.3	1000	15	ENE	10
15	TD	04/26	6	21.3	159.1	1003	13	NE	15
16	L	04/26	18	21.8	161.0	1004	10	ENE	10
21. TC = NWP97-18 Name = NO NAME All Points = 2									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	04/25	0	7.7	163.0	1009	5	0	0
2	L	04/25	18	7.7	163.0	1009	5	0	0
22. TC = NWP97-19 Name = NO NAME All Points = 2									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	04/28	6	5.5	143.8	1007	5	0	0
2	L	04/29	6	5.5	143.8	1007	5	0	0
23. TC = NWP97-20 Name = NO NAME All Points = 3									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/01	6	4.4	170.8	1006	7	0	0
2	L	05/02	6	5.5	170.8	1006	7	N	8
3	L	05/03	6	5.4	170.8	1006	5	0	0
24. TC = NWP9704 Name = KELLY All Points = 17									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/05	6	6.6	172.0	1006	5	0	0
2	L	05/06	6	7.7	169.6	1006	8	NW	12
3	TD	05/07	0	9.4	167.2	1003	13	NW	6
4	TD	05/07	6	10.1	166.8	1003	13	NW	6
5	TD	05/07	12	10.5	166.4	1000	15	NW	8

6	TD	05/07	18	10.5	166.9	1000	15	N	2
7	TS	05/08	0	10.9	166.9	997	18	N	3
8	TS	05/08	6	11.7	167.1	997	18	NNE	7
9	TS	05/08	12	12.3	167.3	991	23	NNE	6
10	TS	05/08	18	12.4	167.4	991	23	N	3
11	TS	05/09	0	11.7	167.0	994	21	NNW	2
12	TS	05/09	6	12.3	166.4	997	18	NW	8
13	TS	05/09	12	12.9	165.6	997	18	NW	10
14	TD	05/09	18	13.3	165.0	1000	15	WNW	8
15	TD	05/10	6	14.0	163.5	1000	15	W	10
16	TD	05/10	18	15.0	160.8	1002	13	WNW	13
17	L	05/11	6	15.7	158.5	1004	10	WNW	13

25. TC = NWP97-21 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/17	6	5.5	133.7	1006	5	0	0
2	L	05/18	6	5.5	133.7	1006	5	0	0

26. TC = NWP97-22 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/19	6	7.7	150.6	1007	5	0	0
2	L	05/20	6	7.7	150.6	1007	5	0	0
3	L	05/21	6	7.7	153.9	1007	5	E	10
4	L	05/22	6	7.7	153.9	1007	5	0	0

27. TC = NWP97-23 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/20	6	7.7	113.5	1007	5	0	0
2	L	05/21	6	7.7	113.5	1007	5	0	0
3	L	05/22	6	7.7	113.5	1007	5	0	0

28. TC = NWP97-24 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/23	3	7.7	147.2	1006	5	0	0
2	L	05/23	19	8.8	146.1	1006	5	N	12

29. TC = NWP97-25 Name = NO NAME All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/23	6	5.5	169.6	1006	5	N	5
2	L	05/24	6	2.2	170.8	1005	8	S	10
3	L	05/24	18	5.5	169.6	1005	8	NNW	15
4	L	05/25	6	6.6	169.6	1008	8	N	10
5	L	05/26	6	9.9	168.5	1008	8	NNW	15
6	L	05/27	0	9.9	168.5	1008	8	0	0

30. TC = NWP9705 Name = LEVI All Points = 24

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/23	6	13.4	115.7	1006	5	NW	7
2	L	05/24	6	17.8	115.7	1006	5	N	10
3	TD	05/25	18	16.0	119.0	1002	13	ESE	10
4	TD	05/26	0	16.8	120.0	1000	13	ENE	7
5	TD	05/26	6	16.4	120.9	1000	13	E	5
6	TD	05/26	12	16.4	121.9	1000	13	E	10
7	TD	05/26	18	16.5	122.9	1000	13	E	10
8	TD	05/27	0	17.3	124.1	1000	13	ENE	12
9	TD	05/27	6	18.2	125.1	1000	15	NE	13
10	TS	05/27	12	18.4	126.0	997	18	ENE	9
11	TS	05/27	18	19.1	126.2	997	18	NE	8
12	TS	05/28	0	20.1	126.6	997	18	NE	9
13	TS	05/28	6	21.1	126.6	994	21	N	10

14	TS	05/28	12	22.2	127.4	991	23	NNE	12
15	TS	05/28	18	22.4	127.6	991	23	NNE	7
16	TS	05/29	0	23.9	127.1	991	23	NNE	10
17	TS	05/29	6	25.1	128.4	991	23	NE	14
18	TS	05/29	12	26.2	130.4	991	23	ENE	19
19	TS	05/29	18	27.2	132.5	991	23	ENE	21
20	TS	05/30	0	28.5	135.2	994	21	ENE	21
21	TS	05/30	6	29.6	138.3	994	21	ENE	29
22	L	05/30	18	32.4	145.0	997	18	ENE	29
23	L	05/31	6	35.2	152.6	997	18	ENE	29
24	L	05/31	12	36.6	157.0	997	18	ENE	30

31. TC = NWP97-26 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/23	19	8.8	155.1	1008	5	0	0
2	L	05/24	6	8.8	155.1	1008	5	0	0

32. TC = NWP9706 Name = MARIE All Points = 27

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/26	6	8.8	163.0	1006	7	NW	8
2	TD	05/26	18	9.8	160.2	1002	13	WNW	9
3	TD	05/27	0	10.0	159.8	1002	13	WNW	6
4	TD	05/27	6	10.3	159.0	1002	13	WNW	7
5	TD	05/27	18	10.9	157.7	1002	13	WNW	8
6	TD	05/28	0	11.4	157.2	1000	13	NW	7
7	TD	05/28	6	11.9	156.7	1002	13	NW	7
8	TD	05/28	12	13.6	158.2	1002	13	NNW	8
9	TD	05/28	18	14.5	158.4	1000	15	N	8
10	TS	05/29	0	14.0	158.3	994	21	NNE	4
11	STS	05/29	6	14.8	158.8	987	26	NNE	8
12	STS	05/29	12	15.8	159.3	987	26	NNE	10
13	STS	05/29	18	16.8	159.8	987	26	NNE	11
14	T	05/30	0	17.7	159.8	976	33	N	10
15	T	05/30	6	18.3	160.0	971	36	N	7
16	T	05/30	12	19.5	160.1	971	36	N	12
17	T	05/30	18	20.8	160.2	971	36	N	13
18	T	05/31	0	22.0	160.3	954	46	N	12
19	T	05/31	6	23.1	160.7	954	46	NNE	12
20	T	05/31	12	24.3	161.7	954	46	NE	15
21	T	05/31	18	25.3	162.9	962	41	NE	16
22	T	06/01	0	26.3	163.7	966	38	NE	14
23	T	06/01	6	27.9	165.6	976	33	NE	21
24	T	06/01	12	29.0	168.3	976	33	ENE	24
25	STS	06/01	18	30.1	171.1	980	31	ENE	30
26	STS	06/02	0	31.8	173.9	984	28	ENE	28
27	L	06/02	6	33.3	177.4	991	23	ENE	32

33. TC = NWP97-27 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/29	0	16.7	110.2	1002	7	E	5
2	L	05/30	0	16.7	112.4	1005	7	E	8

34. TC = NWP97-28 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/01	0	2.2	137.1	1010	7	NE	5
2	L	06/02	6	7.7	139.3	1010	7	NNE	15

35. TC = NWP9707 Name = NESTOR All Points = 44

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/01	6	6.6	171.9	1010	5	W	8



26	L	06/28	12	35.6	136.4	991	23	ENE	36
27	L	06/28	18	37.6	140.3	994	21	NE	37
28	L	06/29	0	39.9	144.2	994	21	NE	38
29	L	06/29	12	43.2	151.7	997	18	NE	40
30	L	06/30	12	50.5	162.0	997	18	NE	30

40. TC = NWP97-31 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/21	0	8.8	-176.4	1008	5	NW	5
2	L	06/22	6	9.9	-178.6	1008	5	NW	8
3	L	06/23	6	11.2	-176.4	1008	5	NE	5
4	L	06/24	6	8.8	-176.4	1008	5	E	8
5	L	06/25	6	8.8	-177.5	1008	5	W	3

41. TC = NWP97-32 Name = NO NAME All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/21	0	9.9	153.9	1008	5	0	0
2	L	06/22	6	9.9	153.9	1008	5	0	0
3	L	06/23	6	8.8	158.4	1007	5	ESE	10
4	L	06/24	6	9.9	158.4	1008	5	N	8
5	L	06/25	6	9.9	152.8	1008	5	W	15
6	L	06/26	6	10.1	149.4	1006	5	NW	10
7	L	06/27	6	11.2	143.8	1006	5	WNW	12
8	L	06/28	6	8.8	137.1	1006	5	WSW	15
9	L	06/29	6	9.9	132.6	1006	5	WNW	10

42. TC = NWP97-33 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/24	6	7.7	173.1	1006	5	NW	5
2	L	06/25	6	8.8	170.8	1006	5	WNW	8
3	L	06/26	0	8.8	170.8	1006	5	0	0

43. TC = NWP97-34 Name = NO NAME All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/30	0	7.7	148.3	1008	5	0	0
2	L	07/01	6	7.7	148.3	1008	5	0	0
3	L	07/02	6	7.7	141.6	1007	5	W	15
4	L	07/03	6	10.1	136.0	1008	5	NW	15
5	L	07/04	6	9.9	129.2	1007	5	WSW	15
6	L	07/05	6	14.5	127.0	1007	5	NNW	12
7	L	07/06	6	18.9	125.8	1007	5	NNW	10
8	L	07/07	6	24.6	125.8	1007	5	N	15
9	L	07/08	6	24.6	125.8	1007	5	0	0

44. TC = NWP97-35 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/01	6	12.3	128.1	1007	5	NW	5
2	L	07/02	6	14.5	126.9	1007	5	NW	10
3	L	07/03	6	17.0	127.0	1007	5	N	10

45. TC = NWP97-36 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/02	18	9.9	-179.7	1007	7	0	0
2	L	07/03	18	9.9	-179.7	1007	7	0	0
3	L	07/04	6	9.9	-179.7	1007	7	0	0

46. TC = NWP97-37 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/06	6	8.8	164.1	1007	5	SW	5
2	L	07/07	6	7.7	163.0	1007	5	SW	7

3 L 07/08 6 7.7 163.0 1007 5 0 0

47. TC = NWP97-38 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/09	19	7.7	137.1	1008	5	NW	10
2	L	07/10	6	10.1	135.9	1008	5	NW	8
3	L	07/11	6	11.2	126.9	1008	5	WNW	10
4	L	07/12	6	11.2	126.9	1008	5	0	0

48. TC = NWP97-39 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/11	6	7.7	146.1	1006	5	SW	10
2	L	07/12	6	4.4	141.6	1006	5	SW	12
3	L	07/13	6	4.4	141.6	1006	5	0	0

49. TC = NWP97-40 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/13	6	3.3	150.6	1008	5	0	0
2	L	07/14	6	3.3	150.6	1008	5	0	0

50. TC = NWP97-41 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/14	6	3.3	158.4	1008	5	0	0
2	L	07/14	18	3.3	158.4	1008	5	0	0

51. TC = NWP97-42 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/15	6	16.7	116.8	1005	7	0	0
2	L	07/16	6	15.6	115.7	1005	7	SW	5
3	L	07/17	6	15.6	112.4	1005	5	W	10

52. TC = NWP97-43 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/15	6	7.7	166.3	1008	5	SW	15
2	L	07/16	6	4.4	161.8	1008	5	0	0
3	L	07/17	6	5.5	158.4	1008	5	WNW	8

53. TC = NWP9710 Name = ROSIE All Points = 44

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/15	6	9.9	143.8	1007	8	SW	5
2	L	07/15	18	8.8	142.7	1007	8	SW	3
3	L	07/16	0	8.8	141.6	1007	8	W	3
4	L	07/16	6	8.8	137.1	1007	8	W	10
5	L	07/17	6	8.8	138.2	1007	8	W	5
6	L	07/18	14	9.0	137.9	1007	8	WNW	2
7	TD	07/18	18	10.0	137.1	1002	13	WNW	2
8	TD	07/19	0	10.8	138.1	1000	15	N	4
9	TD	07/19	6	12.0	138.4	1000	15	NNE	6
10	TD	07/19	12	12.4	138.6	1000	15	NNE	5
11	TS	07/19	18	13.2	138.4	997	18	NNW	7
12	TS	07/20	0	13.6	137.9	997	18	NW	6
13	TS	07/20	6	14.5	136.7	991	23	NNW	8
14	STS	07/20	12	14.5	135.5	984	28	WNW	10
15	STS	07/20	18	14.7	135.2	980	31	NW	4
16	T	07/21	0	15.2	134.9	966	38	NW	6
17	T	07/21	6	15.9	134.0	962	41	NW	8
18	T	07/21	12	16.4	133.7	962	41	NNW	6
19	T	07/21	18	17.2	133.2	954	46	NNW	8
20	T	07/22	0	17.6	132.6	942	51	NW	8
21	T	07/22	6	17.8	132.1	927	60	NW	6

22	T	07/22	12	18.2	132.0	898	73	NNW	4	28	TS	07/31	12	31.2	162.9	997	18	ENE	17
23	T	07/22	18	18.8	132.1	898	73	N	6	29	TD	07/31	18	31.2	164.1	1000	15	E	15
24	T	07/23	0	19.2	132.0	903	70	N	5	30	TD	08/01	0	31.3	165.7	1000	15	E	14
25	T	07/23	6	19.9	131.9	908	68	N	7	31	TS	08/01	6	31.5	167.7	994	21	E	15
26	T	07/23	12	20.7	131.9	908	68	N	8	32	TS	08/01	12	32.3	169.9	994	21	ENE	17
27	T	07/23	18	21.6	132.2	913	65	N	9	33	TS	08/01	18	33.4	170.9	997	18	NE	14
28	T	07/24	0	22.2	132.5	927	60	NNE	9	34	L	08/02	0	35.1	172.1	997	18	ENE	20
29	T	07/24	6	23.0	132.8	937	54	NNE	11	35	L	08/02	6	36.7	172.8	997	18	ENE	17
30	T	07/24	12	24.0	133.1	948	49	NNE	11	36	L	08/02	18	40.7	175.4	997	18	NNE	17
31	T	07/24	18	25.0	133.6	954	46	NNE	15	56. TC = NWP97-45 Name = NO NAME All Points = 2									
32	T	07/25	0	26.0	133.9	954	46	NNE	12	N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
33	T	07/25	6	28.0	134.3	958	44	NNE	13	1	L	07/20	6	27.9	130.4	1008	5	0	0
34	T	07/25	12	29.0	134.9	962	41	NNE	13	2	L	07/21	6	27.9	130.4	1008	5	0	0
35	T	07/25	18	30.0	135.1	966	38	N	11	57. TC = NWP9712 Name = TINA All Points = 50									
36	T	07/26	0	31.0	135.0	966	38	N	12	N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
37	L	07/26	6	33.0	134.8	971	36	N	13	1	L	07/22	6	7.7	149.4	1007	5	NW	5
38	L	07/26	12	35.0	134.4	976	33	N	16	2	L	07/23	6	7.0	148.0	1005	7	SW	5
39	L	07/26	18	35.0	132.7	984	28	NW	15	3	L	07/24	6	7.0	147.0	1005	7	W	3
40	L	07/27	0	36.0	131.9	991	23	NW	9	4	L	07/25	6	11.0	143.8	1005	7	N	10
41	L	07/27	6	35.0	132.4	994	21	SE	4	5	L	07/26	6	13.4	143.8	1008	7	N	10
42	L	07/27	12	35.0	132.7	994	21	ESE	3	6	L	07/27	6	12.3	139.3	1008	7	WSW	12
43	L	07/27	18	36.0	133.7	997	18	NE	7	7	L	07/28	0	16.7	136.0	1008	7	NW	10
44	L	07/28	0	36.0	134.0	1000	15	NE	4	8	L	07/29	6	15.6	135.9	1005	7	SW	8
54. TC = NWP97-44 Name = NO NAME All Points = 4										9	TD	07/29	18	15.3	134.1	1004	13	WNW	6
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel	10	TD	07/30	0	15.4	133.2	1004	13	W	8
1	L	07/18	0	27.9	-178.6	1012	7	W	15	11	TD	07/30	6	15.2	132.8	1000	15	W	3
2	L	07/19	0	28.0	175.3	1012	7	W	25	12	TD	07/30	12	14.2	134.9	1000	15	E	2
3	L	07/20	6	24.6	172.0	1012	5	SSW	8	13	TS	07/30	18	14.2	135.2	997	18	E	3
4	L	07/21	6	24.6	172.0	1008	5	0	0	14	TS	07/31	0	13.7	134.9	997	18	S	2
55. TC = NWP9711 Name = SCOTT All Points = 36										15	TS	07/31	6	13.4	135.4	997	18	SE	4
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel	16	TS	07/31	12	13.3	135.3	997	18	S	1
1	L	07/20	6	23.5	152.8	1008	5	NW	3	17	TS	07/31	18	13.2	135.4	994	21	S	1
2	L	07/21	6	24.6	149.4	1006	8	NW	5	18	TS	08/01	0	13.1	135.3	991	23	SE	1
3	L	07/22	6	26.3	147.7	1006	8	NW	10	19	TS	08/01	6	13.4	134.8	991	23	NW	4
4	L	07/23	6	27.0	149.5	1006	8	ENE	8	20	STS	08/01	12	13.8	133.8	987	26	WNW	11
5	L	07/24	0	30.9	152.2	1004	12	ENE	3	21	STS	08/01	18	14.1	133.1	984	28	WNW	7
6	TD	07/24	6	31.5	151.1	1000	15	N	5	22	STS	08/02	0	13.6	133.7	984	28	NW	4
7	TD	07/24	18	31.9	151.0	1000	15	WNW	4	23	STS	08/02	6	13.8	133.2	984	28	WNW	4
8	TD	07/25	0	30.6	151.6	1000	15	SE	6	24	STS	08/02	12	13.9	132.5	984	28	W	7
9	L	07/26	17	25.2	153.8	1008	10	SSE	19	25	STS	08/02	18	14.1	132.6	984	28	NW	3
10	TD	07/27	0	22.3	154.7	1004	13	SSE	14	26	STS	08/03	0	14.5	131.6	980	31	WNW	6
11	TS	07/27	6	22.4	155.5	997	18	E	7	27	T	08/03	12	15.7	130.0	976	33	NW	7
12	TS	07/27	12	22.8	156.8	997	18	ENE	11	28	T	08/03	18	16.3	130.1	976	33	NW	7
13	TS	07/27	18	24.1	156.3	997	18	N	12	29	T	08/04	0	16.9	129.4	966	38	NW	8
14	TS	07/28	0	24.1	155.5	997	18	NNW	7	30	T	08/04	6	18.3	128.2	966	38	NW	13
15	TS	07/28	6	24.0	154.5	997	18	W	8	31	T	08/04	12	18.4	127.6	966	38	NW	9
16	TS	07/28	12	24.0	154.3	997	18	W	2	32	T	08/04	18	19.3	127.4	966	38	NNW	8
17	TS	07/28	18	24.0	154.3	994	21	N	1	33	T	08/05	0	20.1	127.2	962	41	NNW	8
18	TS	07/29	0	24.8	155.4	991	23	NNW	4	34	T	08/05	6	21.1	126.7	954	46	NNW	10
19	STS	07/29	6	25.6	155.4	984	28	N	7	35	T	08/05	12	21.5	126.4	954	49	NNW	7
20	STS	07/29	12	25.8	155.9	984	28	NE	3	36	T	08/05	18	22.1	126.1	954	46	NNW	7
21	STS	07/29	18	26.4	156.2	984	28	NNE	7	37	T	08/06	0	23.2	126.2	954	46	N	9
22	TS	07/30	0	26.7	156.4	991	23	NNE	5	38	T	08/06	6	24.1	126.4	954	46	N	9
23	TS	07/30	6	27.4	157.5	991	23	NE	12	39	T	08/06	12	24.9	126.4	958	44	N	8
24	TS	07/30	12	28.2	157.9	991	23	NE	12	40	T	08/06	18	25.7	126.4	958	44	N	8
25	TS	07/30	18	28.8	158.1	994	21	NE	8	41	T	08/07	0	26.8	126.5	962	41	N	11
26	TS	07/31	0	30.0	159.7	994	21	NE	12	42	T	08/07	6	27.5	126.4	962	41	N	7
27	TS	07/31	6	30.5	161.2	997	18	ENE	14	43	T	08/07	12	28.5	126.2	966	38	N	10

44	T	08/07	18	29.2	126.2	971	36	N	7
45	STS	08/08	6	31.2	126.2	980	31	NNE	8
46	STS	08/08	12	32.3	126.2	984	28	N	11
47	L	08/08	18	33.8	127.0	991	23	NNE	16
48	L	08/09	0	35.4	128.6	994	21	NE	17
49	L	08/09	6	37.5	131.3	997	18	NE	28
50	L	08/09	12	39.1	134.4	997	18	NE	29

58. TC = NWP97-46 Name = NO NAME All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/25	0	27.9	160.7	1007	7	0	0
2	L	07/26	0	27.9	160.7	1007	7	0	0
3	L	07/27	0	25.7	166.3	1008	7	ENE	10
4	L	07/28	0	27.9	174.2	1007	7	ENE	15
5	TD	07/29	6	28.0	173.0	1000	15	NW	3
6	TD	07/30	6	31.4	171.9	1000	15	NNW	8
7	TD	07/31	6	31.4	171.9	1004	13	0	0

59. TC = NWP97-47 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/25	6	5.0	166.0	1006	5	0	0
2	L	07/26	6	5.0	166.0	1006	5	0	0

60. TC = NWP97-48 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/26	6	18.9	115.7	1006	5	0	0
2	L	07/27	6	18.9	115.7	1006	5	0	0
3	L	07/28	0	18.9	115.9	1006	5	0	0

61. TC = NWP97-49 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/27	18	9.9	161.8	1008	7	0	0
2	L	07/28	18	9.9	161.8	1008	7	0	0
3	L	07/29	6	9.9	161.8	1008	7	0	0

62. TC = NWP9713 Name = VICTOR All Points = 17

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/30	6	16.7	116.8	1004	7	WSW	3
2	TD	07/30	18	16.1	114.7	1004	13	WSW	7
3	TD	07/31	0	16.5	114.5	1000	15	NW	5
4	TD	07/31	6	16.9	113.9	1000	15	NW	5
5	TD	07/31	12	17.3	113.6	1000	15	NNW	4
6	TS	07/31	18	17.1	113.0	997	18	WNW	3
7	TS	08/01	0	17.4	112.8	991	23	NW	3
8	TS	08/01	6	19.2	114.1	991	23	NNE	8
9	TS	08/01	12	19.6	114.0	991	23	N	7
10	TS	08/01	18	19.8	114.0	991	23	N	4
11	TS	08/02	0	20.3	114.0	991	23	N	5
12	STS	08/02	6	21.1	114.0	984	28	N	8
13	T	08/02	12	22.3	114.1	976	33	N	12
14	STS	08/02	18	23.6	113.8	987	28	N	13
15	TS	08/03	0	24.9	113.8	997	18	N	13
16	TD	08/03	6	26.5	113.6	1000	15	N	16
17	TD	08/03	18	29.1	113.4	1002	13	N	16

63. TC = NWP97-50 Name = NO NAME All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/30	18	13.4	148.3	1003	5	0	0
2	L	07/31	6	13.4	148.3	1003	5	0	0
3	L	08/02	6	16.7	145.0	1007	8	NW	8

4	L	08/03	6	20.2	136.0	1008	7	WNW	15
5	L	08/04	6	23.5	137.1	1008	7	NNE	10
6	L	08/05	0	23.5	137.1	1008	5	0	0

64. TC = NWP9714 Name = WINNIE All Points = 48

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/05	0	6.6	167.4	1008	5	0	0
2	L	08/06	6	6.6	167.4	1008	5	0	0
3	L	08/07	3	7.7	163.0	1008	5	WNW	10
4	L	08/08	6	11.2	159.5	1006	8	NW	5
5	TD	08/08	12	11.6	157.5	1004	15	W	11
6	TD	08/08	18	12.4	156.6	1002	15	NW	12
7	TD	08/09	0	14.5	155.6	1000	15	NW	17
8	TS	08/09	6	14.4	155.2	997	18	NW	4
9	TS	08/09	12	15.1	154.7	994	21	NW	9
10	STS	08/09	18	15.4	154.2	987	26	NW	7
11	STS	08/10	0	15.3	153.6	980	31	WNW	5
12	T	08/10	6	15.8	152.7	971	36	WNW	10
13	T	08/10	12	16.1	151.9	962	41	WNW	9
14	T	08/10	18	16.1	150.8	962	41	W	10
15	T	08/11	0	16.2	150.0	948	48	W	8
16	T	08/11	6	16.2	149.3	948	48	W	7
17	T	08/11	12	16.4	148.7	942	51	W	7
18	T	08/11	18	16.8	148.0	932	57	WNW	7
19	T	08/12	0	17.0	147.3	908	68	WNW	7
20	T	08/12	6	17.6	146.0	898	73	WNW	11
21	T	08/12	18	18.3	143.8	898	73	WNW	11
22	T	08/13	0	18.8	143.0	898	73	NW	9
23	T	08/13	6	19.6	142.1	903	70	NW	12
24	T	08/13	12	20.1	141.4	903	70	NW	10
25	T	08/13	18	20.5	140.3	908	68	WNW	10
26	T	08/14	0	20.9	139.4	927	60	WNW	9
27	T	08/14	6	21.4	138.7	927	60	NW	8
28	T	08/14	12	22.0	137.9	932	57	NW	9
29	T	08/14	18	22.6	136.9	937	54	NW	10
30	T	08/15	0	22.8	135.7	937	54	WNW	10
31	T	08/15	6	23.0	134.8	937	54	WNW	10
32	T	08/15	12	23.2	134.0	954	46	WNW	8
33	T	08/15	18	23.6	133.1	954	46	WNW	9
34	T	08/16	0	23.8	132.1	958	44	WNW	9
35	T	08/16	6	24.0	131.1	958	44	WNW	9
36	T	08/16	12	24.1	130.1	962	41	W	9
37	T	08/16	18	24.3	129.2	962	41	W	9
38	T	08/17	0	24.6	128.1	966	38	W	10
39	T	08/17	6	25.3	127.0	966	38	WNW	12
40	T	08/17	12	25.4	126.0	966	38	WNW	10
41	T	08/17	18	25.9	124.9	966	38	WNW	11
42	T	08/18	0	26.6	124.0	966	38	NW	11
43	T	08/18	6	27.6	122.5	966	38	NW	17
44	T	08/18	12	28.0	121.6	966	38	NW	10
45	T	08/18	18	29.3	120.6	976	33	NW	17
46	STS	08/19	0	30.2	118.7	984	28	NW	13
47	TS	08/19	12	31.7	116.6	997	18	NW	10
48	TD	08/20	0	33.2	114.9	1000	13	NW	5

65. TC = NWP9715 Name = JULE All Points = 35

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/09	6	3.3	179.7	1010	5	NW	10
2	L	08/10	6	5.5	175.3	1010	5	NW	10
3	L	08/11	6	8.8	170.8	1008	8	NW	15

4	L	08/12	6	9.9	168.5	1008	8	NW	10
5	L	08/13	6	11.2	169.6	1008	8	NNE	8
6	L	08/14	6	8.8	168.5	1008	8	SSW	6
7	L	08/15	6	7.7	163.0	1006	8	WSW	10
8	L	08/16	6	8.8	163.0	1002	8	N	3
9	TD	08/16	18	9.1	164.1	1000	15	NE	3
10	TD	08/17	0	10.8	165.1	1000	15	NNE	12
11	TS	08/17	6	11.6	165.6	997	18	NNE	12
12	TS	08/17	12	12.6	165.8	997	18	NNE	9
13	TS	08/17	18	12.3	166.6	997	18	NE	9
14	TS	08/18	0	12.3	167.2	997	18	NE	4
15	TS	08/18	6	13.3	167.9	997	18	NE	12
16	TS	08/18	12	13.7	168.2	997	18	NE	7
17	TS	08/18	18	15.1	168.8	997	18	NNE	7
18	TS	08/19	0	15.7	168.2	997	18	N	6
19	TS	08/19	6	16.9	167.7	994	21	NNW	8
20	TS	08/19	12	18.2	167.2	994	21	NNW	8
21	TS	08/19	18	18.3	167.1	994	21	NNW	4
22	STS	08/20	0	18.9	167.2	987	26	N	5
23	STS	08/20	6	19.7	167.2	984	28	N	7
24	STS	08/20	12	20.0	167.2	984	28	N	3
25	STS	08/20	18	20.8	167.3	984	28	N	5
26	STS	08/21	0	22.1	167.7	984	28	N	13
27	T	08/21	6	23.0	168.0	976	33	N	11
28	STS	08/21	12	24.1	168.6	984	28	NNE	12
29	STS	08/21	18	25.0	169.0	984	28	NNE	11
30	STS	08/22	0	27.3	169.9	984	28	NNE	24
31	TS	08/22	6	29.6	170.7	991	23	NNE	24
32	TS	08/22	12	32.2	172.5	991	23	NNE	30
33	L	08/22	18	35.2	173.0	987	26	NNE	34
34	L	08/23	0	38.4	172.5	987	26	N	32
35	L	08/23	6	41.5	170.0	980	31	NNW	32

66. TC = NWP97-51 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/12	6	17.8	147.2	1006	7	NE	10
2	L	08/13	6	18.9	150.6	1006	7	NE	10
3	L	08/14	6	18.9	150.6	1006	7	0	0

67. TC = NWP97-52 Name = 16W All Points = 10

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/13	6	8.8	-178.6	1006	7	W	1
2	L	08/14	6	11.2	-176.4	1006	7	NE	10
3	L	08/15	6	13.4	-178.6	1006	7	NW	10
4	L	08/16	6	13.4	-178.6	1006	7	0	0
5	L	08/17	6	13.4	174.2	1006	7	W	17
6	L	08/17	18	15.2	173.7	1004	10	NW	8
7	TD	08/18	6	17.7	170.1	1002	13	WNW	13
8	TD	08/18	12	17.8	169.2	1002	13	W	9
9	TD	08/18	18	16.4	167.7	1002	13	SW	7
10	TD	08/19	0	16.3	167.3	1002	13	SSW	6

68. TC = NWP97-53 Name = NO NAME All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/17	6	11.2	151.7	1006	5	NW	5
2	L	08/18	6	12.3	149.4	1006	5	NW	8
3	L	08/19	6	13.4	149.4	1004	8	N	3
4	L	08/20	6	14.5	147.2	1003	8	SSW	15
5	L	08/21	6	14.3	151.5	1003	8	E	10
6	L	08/22	6	13.8	154.7	1003	8	ESE	8

7	L	08/23	3	13.9	160.6	1002	10	E	13
8	L	08/24	6	14.5	156.5	1002	10	W	8
9	L	08/25	6	20.6	153.7	1003	12	NNW	15

69. TC = NWP9716 Name = ZITA All Points = 14

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/20	2	18.9	115.7	1002	7	E	3
2	L	08/20	6	19.0	116.8	1001	7	E	8
3	TD	08/20	21	19.5	116.4	999	13	NW	8
4	TS	08/21	0	19.9	116.1	997	18	NW	8
5	TS	08/21	6	20.1	114.3	991	23	W	11
6	STS	08/21	12	20.3	113.1	987	26	W	11
7	STS	08/21	18	20.1	112.3	984	28	W	8
8	T	08/22	0	20.3	111.4	976	33	WNW	9
9	T	08/22	6	21.2	109.9	967	38	WNW	16
10	T	08/22	12	21.4	108.8	967	38	WNW	13
11	STS	08/22	18	21.3	108.0	980	31	W	7
12	STS	08/23	0	21.1	106.9	987	26	WSW	9
13	TS	08/23	6	21.1	105.8	994	21	W	9
14	TD	08/23	18	21.2	104.0	1000	15	W	5

70. TC = NWP9717 Name = AMBER All Points = 38

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/20	2	15.6	136.0	1004	7	E	5
2	L	08/21	3	12.6	131.6	1004	10	WSW	15
3	TD	08/21	6	13.4	131.3	1002	13	N	8
4	TD	08/21	15	14.7	133.0	1000	15	NE	10
5	TS	08/21	18	14.9	132.4	997	18	NW	3
6	STS	08/22	0	14.4	131.9	984	28	W	2
7	STS	08/22	6	14.8	131.6	984	28	W	2
8	T	08/22	12	15.0	131.6	976	33	0	0
9	T	08/22	18	15.4	131.6	976	33	N	2
10	T	08/23	0	15.8	131.6	976	33	N	3
11	T	08/23	6	16.3	131.1	971	36	NNW	4
12	T	08/23	12	16.3	130.8	966	38	N	1
13	T	08/23	18	16.6	130.5	966	38	NW	3
14	T	08/24	0	16.7	130.1	962	41	WNW	3
15	T	08/24	6	17.2	129.8	958	44	NW	3
16	T	08/24	12	17.2	129.3	954	46	WNW	4
17	T	08/24	18	17.4	128.8	948	49	WNW	5
18	T	08/25	0	17.4	128.5	942	51	WNW	4
19	T	08/25	6	17.5	128.1	942	51	WNW	4
20	T	08/25	12	17.8	127.9	942	51	NW	3
21	T	08/25	18	17.8	127.4	942	51	NW	5
22	T	08/26	0	17.9	127.5	942	51	WNW	2
23	T	08/26	6	18.1	127.2	942	51	WNW	3
24	T	08/26	12	18.2	127.0	942	51	WNW	2
25	T	08/26	18	18.6	126.5	942	51	WNW	5
26	T	08/27	0	19.1	126.2	942	51	NW	5
27	T	08/27	6	19.4	125.5	942	51	WNW	7
28	T	08/27	12	19.7	125.1	933	57	WNW	6
29	T	08/27	18	20.1	124.4	933	57	WNW	8
30	T	08/28	0	20.8	123.7	937	54	NW	9
31	T	08/28	6	21.5	123.0	942	51	NW	10
32	T	08/28	12	22.3	122.5	948	49	NW	10
33	T	08/28	18	23.6	121.9	948	49	NNW	13
34	T	08/29	0	24.7	121.2	954	46	NNW	13
35	T	08/29	6	25.2	120.5	962	41	NW	8
36	T	08/29	12	26.1	120.0	976	33	NNW	9
37	STS	08/29	18	27.0	119.9	980	31	NNW	9

38 TD 08/30 0 27.8 117.3 1000 15 WNW 13  
 71. TC = NWP9718 Name = BING All Points = 36

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/25	23	10.1	160.7	1008	5	NW	3
2	L	08/26	6	11.2	159.5	1008	5	NW	5
3	TD	08/27	6	11.1	153.8	1004	13	W	8
4	TD	08/27	12	11.7	152.5	1004	13	NW	8
5	TD	08/27	18	12.4	151.3	1004	13	NW	10
6	TD	08/28	0	12.1	149.5	1004	13	W	10
7	TD	08/28	6	11.9	148.7	1002	13	SW	10
8	TD	08/28	12	12.3	148.3	1000	15	N	5
9	TS	08/28	18	12.9	146.7	997	18	WNW	15
10	TS	08/29	0	13.4	145.8	994	21	WNW	12
11	TS	08/29	6	14.1	144.3	994	21	WNW	14
12	STS	08/29	12	14.5	142.6	987	26	W	16
13	STS	08/29	18	14.5	141.4	987	26	W	14
14	STS	08/30	0	15.6	140.3	984	28	NW	14
15	STS	08/30	6	16.2	139.0	980	31	NW	15
16	T	08/30	12	16.6	138.5	976	33	NW	8
17	T	08/30	18	17.0	138.3	971	36	NNW	4
18	T	08/31	0	17.9	138.3	966	38	N	7
19	T	08/31	6	18.7	138.5	966	38	N	8
20	T	08/31	12	19.9	138.6	958	44	N	10
21	T	08/31	18	21.1	138.8	954	46	N	11
22	T	09/01	0	22.6	139.1	942	51	N	13
23	T	09/01	6	22.4	139.0	913	65	N	14
24	T	09/01	12	25.1	139.0	904	70	N	12
25	T	09/01	18	26.4	138.9	920	62	N	13
26	T	09/02	0	27.5	138.3	920	62	NNW	12
27	T	09/02	6	28.1	138.3	920	62	NW	10
28	T	09/02	18	30.0	139.5	937	54	NNE	13
29	T	09/03	0	31.2	140.5	948	49	NE	15
30	T	09/03	6	32.4	141.9	954	46	NE	17
31	L	09/03	12	33.5	144.1	954	46	ENE	21
32	L	09/03	18	35.7	148.6	958	44	ENE	26
33	L	09/04	0	36.7	149.8	976	33	NE	31
34	L	09/04	6	38.6	153.1	976	33	NE	32
35	L	09/04	12	40.5	156.7	976	33	NE	33
36	L	09/04	18	42.0	159.6	980	31	NE	28

72. TC = NWP9719 Name = CASS All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/27	6	19.0	113.5	1005	5	SE	3
2	L	08/27	18	18.4	113.8	1002	10	SE	3
3	TD	08/28	0	17.7	115.3	1000	15	SE	5
4	TD	08/28	6	17.5	115.2	1000	15	S	2
5	TD	08/28	12	17.4	115.1	1000	15	S	2
6	TD	08/28	18	17.6	115.6	1000	15	NE	2
7	TS	08/29	0	17.8	115.6	997	18	NE	3
8	TS	08/29	6	17.8	116.8	994	21	NNE	6
9	TS	08/29	12	18.9	118.3	991	23	NE	12
10	TS	08/29	18	19.6	118.3	991	23	NNE	9
11	TS	08/30	0	21.3	118.0	991	23	N	13
12	TS	08/30	6	24.6	118.2	997	18	NNW	16
13	TD	08/30	12	25.7	117.8	1000	15	NNW	12

73. TC = NWP97-54 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/28	6	8.8	166.3	1010	7	0	0

2 L 08/29 6 8.8 166.3 1010 7 0 0  
 74. TC = NWP97-55 Name = NO NAME All Points = 2

N	Stage	Date	Time	La	Long	Pres	Wind	Shift	Vel
1	L	08/30	6	24.6	119.1	1003	7	0	0
2	L	08/31	6	24.6	119.1	1003	7	0	0

75. TC = NWP97-56 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/31	6	27.9	150.6	1008	5	NE	15
2	L	09/01	6	30.3	157.3	1008	7	NE	15
3	L	09/02	6	33.6	170.8	1008	7	NE	23

76. TC = NWP97-57 Name = NO NAME All Points = 2

N	Stage	Date	Time	La	Long	Pres	Wind	Shift	Vel
1	L	09/03	6	6.6	155.1	1010	5	0	0
2	L	09/04	6	6.6	155.1	1010	5	0	0

77. TC = NWP97-58 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/05	18	13.4	133.7	1009	5	0	0
2	L	09/06	6	13.4	133.7	1009	5	0	0

78. TC = NWP97-59 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/08	6	20.2	112.4	1007	5	0	0
2	L	09/08	18	20.2	112.4	1007	5	0	0

79. TC = NWP9720 Name = DAVID All Points = 40

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/09	6	10.1	169.6	1005	7	N	5
2	L	09/10	6	11.2	169.6	1005	8	N	8
3	L	09/10	12	10.5	168.0	1002	10	SW	7
4	L	09/11	6	10.2	170.8	1002	10	ESE	10
5	L	09/11	12	10.4	169.0	1002	12	NW	1
6	TD	09/11	18	11.7	170.7	1002	13	NW	4
7	TD	09/12	0	11.8	170.4	1002	13	WNW	4
8	TD	09/12	6	12.9	168.9	1000	15	WNW	5
9	TD	09/12	12	14.1	167.8	1000	15	WNW	11
10	TS	09/12	18	14.6	167.4	994	21	NW	8
11	TS	09/13	0	14.8	165.8	991	23	W	15
12	STS	09/13	6	15.0	165.4	984	28	WNW	7
13	STS	09/13	12	15.3	165.1	980	31	WNW	7
14	STS	09/13	18	15.7	164.3	980	31	WNW	8
15	T	09/14	0	16.5	163.7	976	33	NW	8
16	T	09/14	6	17.7	162.6	966	38	NW	12
17	T	09/14	12	19.0	161.8	962	41	NW	16
18	T	09/14	18	20.6	160.4	958	44	NW	21
19	T	09/15	0	21.1	158.9	948	49	WNW	17
20	T	09/15	6	21.9	157.4	948	49	WNW	16
21	T	09/15	12	22.3	156.3	948	49	WNW	11
22	T	09/15	18	22.8	155.2	948	49	WNW	11
23	T	09/16	0	23.5	154.2	948	49	WNW	11
24	T	09/16	6	24.2	151.9	948	49	WNW	14
25	T	09/16	12	24.6	151.3	954	46	WNW	13
26	T	09/16	18	25.1	149.7	958	44	WNW	15
27	T	09/17	0	25.4	147.9	962	41	WNW	17
28	T	09/17	6	25.8	146.2	962	41	WNW	16
29	T	09/17	12	26.5	145.0	962	41	NW	13
30	T	09/17	18	27.2	143.6	971	36	WNW	14

31	T	09/18	0	28.4	142.5	976	33	NW	15
32	T	09/18	6	29.0	141.6	976	33	NNW	13
33	T	09/18	12	30.4	141.6	976	33	N	13
34	T	09/18	18	32.2	141.5	976	33	N	17
35	L	09/19	0	33.8	142.7	984	28	NNE	19
36	L	09/19	6	36.0	143.9	987	26	NNE	24
37	L	09/19	12	38.8	147.4	984	28	NE	36
38	L	09/19	18	42.0	150.2	980	31	NE	38
39	L	09/20	0	43.7	155.4	980	31	ENE	40
40	L	09/20	6	47.2	159.3	984	28	NE	42

80. TC = NWP97-60 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/14	6	16.7	179.7	1007	5	0	0
2	L	09/15	6	16.7	179.7	1007	5	0	0

81. TC = NWP97-61 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/19	6	15.6	169.6	1008	5	NE	10
2	L	09/20	0	18.9	171.9	1009	5	NE	15
3	L	09/21	6	19.0	170.8	1009	5	0	0
4	L	09/22	6	19.0	165.2	1007	8	W	15

82. TC = NWP9722 Name = FRITZ All Points = 24

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/19	6	13.4	112.4	1008	5	0	0
2	L	09/20	0	13.4	112.4	1008	5	0	0
3	TD	09/20	18	12.7	110.7	1002	13	WNW	2
4	TD	09/21	0	12.5	110.4	1002	13	WNW	2
5	TD	09/21	6	13.0	110.7	1002	13	NE	4
6	TD	09/21	12	13.7	111.0	1002	13	NE	4
7	TD	09/21	18	14.9	111.2	1002	13	NNE	8
8	TD	09/22	0	15.4	111.1	1002	13	N	6
9	TD	09/22	6	16.0	110.7	1000	15	NNW	6
10	TD	09/22	12	15.8	110.1	1000	15	N	2
11	TS	09/22	18	16.3	110.5	997	18	N	3
12	TS	09/23	0	16.0	111.3	991	23	NE	3
13	TS	09/23	6	16.1	111.4	991	23	0	0
14	TS	09/23	12	16.4	111.3	991	23	N	2
15	STS	09/23	18	16.2	111.1	984	28	N	1
16	T	09/24	0	15.9	110.8	976	33	WSW	2
17	T	09/24	6	16.0	110.6	968	38	W	2
18	T	09/24	12	15.7	109.8	971	36	W	6
19	T	09/24	18	15.6	109.4	968	38	WSW	4
20	T	09/25	0	15.5	108.8	968	38	W	6
21	T	09/25	6	15.4	108.3	976	33	W	5
22	STS	09/25	12	15.5	107.6	984	28	W	6
23	TS	09/25	18	15.5	107.0	994	21	W	6
24	TD	09/26	6	15.5	106.2	1000	15	W	3

83. TC = NWP9723 Name = ELLA All Points = 16

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/20	0	23.5	179.7	1007	8	W	5
2	L	09/20	6	23.5	178.6	1007	8	W	8
3	TD	09/21	0	24.0	172.1	1002	13	WNW	20
4	TD	09/21	6	24.9	169.7	1002	13	WNW	21
5	TD	09/21	12	26.1	166.5	1000	15	WNW	28
6	TD	09/21	18	26.7	164.7	1000	15	WNW	20
7	TS	09/22	0	27.1	161.9	997	18	WNW	23
8	TS	09/22	6	26.8	160.4	994	21	W	17

9	TS	09/22	12	26.9	158.2	994	21	W	18
10	TS	09/22	18	27.6	157.1	997	18	NW	15
11	TS	09/23	0	28.1	156.4	997	18	NW	9
12	TS	09/23	6	29.0	156.2	997	18	NNW	8
13	TD	09/23	12	30.3	156.6	1000	15	NNE	13
14	L	09/24	0	36.3	160.8	1000	15	NE	26
15	L	09/24	12	38.8	166.4	1000	15	ENE	27
16	L	09/25	0	39.8	169.7	1002	13	ENE	15

84. TC = NWP97-62 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/20	6	13.4	148.3	1008	5	SW	3
2	L	09/21	6	12.3	147.2	1008	5	SW	3
3	L	09/22	6	13.4	148.3	1008	5	NE	8

85. TC = NWP9724 Name = GINGER All Points = 31

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/22	6	9.9	175.3	1007	7	NW	8
2	TD	09/22	18	10.3	171.0	1004	13	W	14
3	TD	09/23	0	10.4	168.4	1002	13	W	19
4	TD	09/23	6	10.9	167.0	1002	13	WNW	14
5	TD	09/23	12	11.7	166.2	1000	15	WNW	11
6	TD	09/24	0	13.3	164.7	1000	15	NW	10
7	TS	09/24	6	14.4	163.8	997	18	NW	12
8	TS	09/24	12	14.7	162.6	991	23	WNW	9
9	STS	09/24	18	15.8	162.3	987	26	NW	9
10	STS	09/25	0	16.6	162.0	984	28	NW	8
11	STS	09/25	6	18.0	161.8	984	28	NNW	11
12	STS	09/25	12	19.1	161.0	980	31	NNW	13
13	T	09/25	18	20.1	160.6	976	33	NNW	12
14	T	09/26	0	20.4	160.0	966	38	NW	8
15	T	09/26	6	20.4	160.3	958	44	NNW	4
16	T	09/26	12	20.6	160.2	927	60	NNW	2
17	T	09/26	18	22.1	159.8	913	65	NNW	2
18	T	09/27	0	21.6	159.0	898	73	WNW	7
19	T	09/27	6	22.6	158.7	892	76	WNW	10
20	T	09/27	12	23.0	158.1	892	76	NW	8
21	T	09/27	18	23.6	157.7	903	70	NW	8
22	T	09/28	0	24.5	157.8	927	60	N	9
23	T	09/28	6	25.6	157.7	932	57	N	12
24	T	09/28	12	26.8	157.5	932	57	N	12
25	T	09/28	18	28.2	157.6	932	57	N	14
26	T	09/29	0	29.5	158.6	942	51	NNE	16
27	L	09/29	6	31.4	159.8	948	49	NNE	22
28	L	09/29	12	33.2	161.9	954	46	NNE	25
29	L	09/29	18	36.1	164.8	962	41	NNE	38
30	L	09/30	0	40.1	168.2	966	38	NNE	46
31	L	09/30	6	43.1	172.3	966	38	NE	44

86. TC = NWP97-63 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/28	6	7.7	174.2	1010	5	0	0
2	L	09/28	18	7.7	174.2	1010	5	0	0

87. TC = NWP9725 Name = HANK All Points = 10

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/30	0	17.8	115.7	1010	7	0	0
2	L	10/01	6	18.9	115.7	1010	7	N	5
3	L	10/02	6	15.6	113.5	1010	7	SSW	15
4	TS	10/03	0	14.7	111.0	997	18	WSW	6

5	TS	10/03	6	14.3	111.3	994	21	WSW	8
6	TS	10/03	12	14.8	110.5	997	18	W	8
7	TD	10/03	18	14.9	109.9	1000	15	W	7
8	TD	10/04	0	15.8	109.4	1000	15	NW	8
9	TD	10/04	6	16.9	108.4	1000	15	NW	12
10	TD	10/04	12	17.9	107.0	1000	15	NW	15

88. TC = NWP97-64 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/30	0	8.8	162.9	1012	5	0	0
2	L	10/01	6	6.6	161.8	1011	5	SSW	10
3	L	10/02	6	4.4	161.8	1010	5	S	8
4	L	10/03	6	4.4	161.8	1010	5	0	0

89. TC = NWP97-65 Name = 26W All Points = 10

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	10/01	23	15.6	147.2	1010	5	W	10
2	L	10/02	6	15.6	145.0	1010	5	W	10
3	L	10/03	5	18.9	139.3	1008	10	NW	12
4	TD	10/04	12	18.3	138.4	1002	13	WNW	2
5	TD	10/04	18	18.2	138.3	1002	13	WNW	2
6	TD	10/05	6	17.5	137.8	1002	13	W	2
7	TD	10/05	12	17.5	137.9	1002	13	0	0
8	TD	10/06	0	17.9	137.9	1000	15	W	1
9	TD	10/06	12	19.4	136.0	1000	15	WNW	6
10	TD	10/07	0	19.6	134.2	1002	13	W	9

90. TC = NWP97-66 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	10/06	6	7.7	174.2	1009	5	0	0
2	L	10/06	18	7.7	174.2	1009	5	0	0

91. TC = NWP97-67 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	10/06	6	4.4	179.7	1009	5	NW	15
2	L	10/06	18	6.6	176.4	1007	8	NW	13
3	L	10/07	6	8.8	175.4	1009	7	NNW	15
4	L	10/08	6	8.8	175.3	1009	7	0	0

92. TC = NWP97-68 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	10/08	6	8.8	178.6	1008	5	NW	8
2	L	10/09	6	9.9	176.4	1008	5	NW	10
3	L	10/10	6	9.9	176.4	1008	5	0	0

93. TC = NWP97-69 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	10/09	6	10.1	134.8	1010	5	0	0
2	L	10/10	6	10.1	134.8	1009	5	0	0
3	L	10/11	6	10.1	134.8	1009	5	0	0

94. TC = NWP9726 Name = JOAN All Points = 46

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	10/11	6	4.4	176.4	1009	5	NW	12
2	L	10/12	6	7.7	172.0	1008	5	NW	10
3	TD	10/13	6	11.6	167.1	1002	13	NW	14
4	TD	10/13	12	11.4	166.5	1000	15	NW	10
5	TD	10/13	18	11.9	166.1	1000	15	WNW	10
6	TD	10/14	0	12.0	165.8	1000	15	WNW	6
7	TS	10/14	6	12.3	164.9	997	18	WNW	8

8	TS	10/14	12	12.8	163.3	997	18	W	11
9	TS	10/14	18	13.2	162.3	994	21	W	11
10	TS	10/15	0	13.3	161.8	991	23	W	6
11	STS	10/15	6	13.5	160.6	987	26	W	12
12	STS	10/15	12	13.4	159.4	980	31	W	11
13	T	10/15	18	13.4	158.2	971	36	W	12
14	T	10/16	0	13.4	157.2	958	44	W	11
15	T	10/16	6	13.6	155.9	954	46	W	12
16	T	10/16	12	13.8	154.7	942	51	W	12
17	T	10/16	18	13.8	153.4	913	65	W	13
18	T	10/17	0	14.1	151.6	913	65	W	16
19	T	10/17	6	14.4	150.0	879	80	W	16
20	T	10/17	12	14.8	148.8	872	83	WNW	14
21	T	10/17	18	15.3	147.1	898	73	WNW	15
22	T	10/18	0	16.0	145.7	903	70	WNW	15
23	T	10/18	6	16.5	144.3	898	73	WNW	14
24	T	10/18	12	17.1	143.1	886	78	WNW	13
25	T	10/18	18	17.7	141.8	892	76	WNW	14
26	T	10/19	0	18.1	140.7	892	76	WNW	12
27	T	10/19	6	18.5	139.8	898	73	WNW	9
28	T	10/19	12	19.0	138.8	898	73	WNW	10
29	T	10/19	18	19.5	138.0	898	73	NW	9
30	T	10/20	0	20.1	137.5	898	73	NW	8
31	T	10/20	6	20.8	137.1	903	70	NNW	8
32	T	10/20	12	21.5	136.6	903	70	NNW	9
33	T	10/20	18	22.3	136.6	898	73	N	8
34	T	10/21	0	23.1	137.1	903	70	NNE	9
35	T	10/21	6	24.1	137.3	908	68	NNE	10
36	T	10/21	12	25.0	138.3	908	68	NE	13
37	T	10/22	0	26.9	141.1	927	60	NE	13
38	T	10/22	6	28.2	143.0	932	57	NE	20
39	T	10/22	12	29.1	143.3	932	57	ENE	22
40	T	10/22	18	29.4	147.8	937	54	E	22
41	T	10/23	0	29.5	150.3	948	48	E	23
42	T	10/23	6	29.7	153.2	954	46	E	25
43	T	10/23	12	29.6	154.6	954	46	E	18
44	T	10/23	18	29.6	157.0	954	46	E	21
45	T	10/24	0	29.6	159.9	962	41	E	23
46	L	10/24	12	29.9	165.5	966	38	E	23

95. TC = NWP9727 Name = IVAN All Points = 47

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	10/11	6	6.6	165.2	1009	5	WNW	15
2	L	10/12	6	7.7	158.4	1008	10	WNW	5
3	TD	10/13	6	10.8	153.1	1002	13	WNW	14
4	TD	10/13	12	10.6	151.5	1000	15	WNW	14
5	TS	10/13	18	11.0	150.0	994	21	W	14
6	TS	10/14	6	12.1	147.0	991	23	W	16
7	STS	10/14	12	12.4	145.5	987	26	W	15
8	STS	10/14	18	12.7	143.7	984	28	W	16
9	STS	10/15	0	12.6	142.6	984	28	W	11
10	T	10/15	6	13.2	141.3	976	33	WNW	13
11	T	10/15	12	13.8	140.0	971	36	WNW	11
12	T	10/15	18	14.1	139.3	962	41	W	10
13	T	10/16	0	13.9	137.9	958	44	W	12
14	T	10/16	6	14.6	136.1	958	44	WNW	13
15	T	10/16	12	14.5	134.8	948	49	W	14
16	T	10/16	18	14.6	133.1	927	60	W	15
17	T	10/17	0	14.7	131.6	898	73	W	15
18	T	10/17	6	14.7	130.4	898	73	W	12

19 T	10/17	12	14.4	129.6	879	80	W	9	29 T	10/31	18	10.6	154.5	908	68	WNW	15
20 T	10/17	18	14.6	128.3	872	83	W	10	30 T	11/01	0	11.4	153.1	898	73	WNW	15
21 T	10/18	0	14.9	127.3	886	78	WNW	10	31 T	11/01	6	12.1	151.8	892	76	WNW	15
22 T	10/18	6	15.2	126.3	892	76	WNW	10	32 T	11/01	12	12.7	150.0	879	80	WNW	18
23 T	10/18	12	15.6	125.3	892	76	WNW	10	33 T	11/01	18	13.3	148.6	872	83	WNW	15
24 T	10/18	18	16.0	124.6	898	73	WNW	9	34 T	11/02	0	13.9	147.2	872	83	WNW	15
25 T	10/19	0	16.6	124.2	898	73	NW	7	35 T	11/02	6	14.5	145.8	879	80	WNW	15
26 T	10/19	6	17.2	123.4	903	70	NW	9	36 T	11/02	12	14.8	144.3	886	78	WNW	15
27 T	10/19	12	17.6	122.7	908	68	NW	7	37 T	11/02	18	15.2	142.9	886	78	WNW	14
28 T	10/19	18	18.0	122.4	920	62	NW	5	38 T	11/03	0	15.5	141.7	886	78	WNW	12
29 T	10/20	0	18.5	122.0	932	57	NW	5	39 T	11/03	6	15.7	140.5	892	76	W	12
30 T	10/20	6	18.7	121.8	942	51	NNW	4	40 T	11/03	12	15.9	139.3	898	73	W	12
31 T	10/20	12	18.9	121.9	954	46	N	3	41 T	11/03	18	16.1	138.0	898	73	W	12
32 T	10/20	18	19.5	122.1	962	41	NNE	5	42 T	11/04	0	16.2	137.2	908	68	W	8
33 T	10/21	0	19.5	123.3	971	36	ENE	11	43 T	11/04	6	16.5	136.2	913	65	WNW	9
34 T	10/21	6	19.9	124.0	976	33	ENE	8	44 T	11/04	12	17.1	135.7	920	62	NW	8
35 STS	10/21	12	20.1	124.5	980	31	ENE	6	45 T	11/04	18	17.5	135.0	927	60	NW	8
36 STS	10/22	6	21.3	127.3	984	28	ENE	10	46 T	11/05	0	17.9	134.8	932	57	NNW	4
37 STS	10/22	12	21.7	127.4	984	28	NE	5	47 T	11/05	6	18.5	134.9	942	51	N	6
38 STS	10/22	18	22.8	128.4	984	28	NE	14	48 T	11/05	12	19.0	135.4	942	51	NE	6
39 STS	10/23	0	23.2	129.2	987	26	NE	10	49 T	11/05	18	19.9	135.8	948	49	NNE	9
40 STS	10/23	6	24.0	130.3	987	26	NE	13	50 T	11/06	0	20.1	136.1	948	49	NNE	6
41 STS	10/23	12	25.1	131.8	987	26	NE	18	51 T	11/06	6	21.4	137.0	954	46	NE	13
42 STS	10/23	18	25.5	132.8	987	26	ENE	13	52 T	11/06	12	22.2	137.6	958	44	NE	10
43 STS	10/24	0	26.1	134.1	987	26	ENE	13	53 T	11/06	18	23.2	138.4	962	41	NE	12
44 TS	10/24	6	26.9	135.2	991	23	NE	13	54 T	11/07	0	24.6	139.6	966	38	NE	18
45 STS	10/24	12	27.4	136.1	987	26	ENE	11	55 T	11/07	6	25.7	141.4	966	38	NE	20
46 TS	10/25	0	28.6	138.8	991	23	ENE	11	56 T	11/07	12	26.6	142.9	976	33	NE	19
47 L	10/26	0	31.7	147.1	1000	15	ENE	15	57 STS	11/07	18	27.7	144.9	980	31	ENE	21
96. TC = NWP9728	Name = KEITH	All Points = 61							58 STS	11/08	0	29.0	148.2	980	31	ENE	30
N Stage Date Time	Lat	Long	Pres	Wind	Shift	Vel			59 STS	11/08	6	29.1	152.3	984	28	E	34
1 L	10/18	3	7.7	179.9	1008	5	0	0	60 STS	11/08	12	29.9	156.1	984	28	E	34
2 L	10/19	6	7.7	180.9	1008	5	E	5	61 L	11/09	0	31.5	163.7	984	28	ENE	34
3 L	10/20	6	7.7	180.9	1008	5	0	0	97. TC = NWP9729	Name = LINDA	All Points = 40						
4 L	10/21	6	7.7	180.9	1008	5	0	0	N Stage Date Time	Lat	Long	Pres	Wind	Shift	Vel		
5 L	10/22	6	8.8	171.9	1008	5	WNW	15	1 L	10/26	6	9.9	135.9	1009	5	0	0
6 L	10/23	6	8.8	175.9	1008	5	E	10	2 L	10/27	6	8.8	136.0	1009	8	S	8
7 L	10/24	6	8.8	172.0	1008	5	W	10	3 L	10/28	6	9.9	130.4	1008	7	WNW	15
8 L	10/25	6	7.7	171.9	1005	7	S	3	4 L	10/29	6	10.1	129.2	1008	7	NW	3
9 L	10/26	0	7.5	169.0	1004	10	WNW	7	5 L	10/31	0	9.9	120.3	1008	5	W	10
10 L	10/26	18	7.7	169.0	1004	10	0	0	6 L	10/31	6	9.9	118.0	1004	8	W	15
11 L	10/27	3	6.5	169.0	1004	10	S	5	7 TD	10/31	18	7.9	114.2	1000	15	W	15
12 L	10/27	6	7.7	169.6	1002	12	NE	5	8 TS	11/01	0	7.5	113.0	997	18	W	14
13 TD	10/27	18	7.0	167.8	1002	13	WNW	5	9 TS	11/01	6	7.8	112.1	997	18	W	10
14 TS	10/28	0	7.3	167.3	997	18	W	7	10 TS	11/01	12	8.0	110.8	991	23	W	12
15 TS	10/28	6	7.2	166.2	997	18	W	10	11 STS	11/01	18	8.5	109.0	984	28	W	15
16 TS	10/28	12	7.3	165.2	994	21	W	10	12 STS	11/02	0	8.5	107.5	984	28	W	15
17 TS	10/28	18	7.3	165.4	994	21	W	2	13 STS	11/02	6	8.8	105.4	984	28	W	14
18 TS	10/29	0	7.1	164.2	994	21	W	7	14 STS	11/02	12	9.2	104.6	984	28	WNW	13
19 TS	10/29	6	6.9	164.0	994	21	0	0	15 T	11/02	18	9.4	103.6	976	33	W	10
20 TS	10/29	12	6.9	163.4	991	23	W	7	16 T	11/03	0	9.7	102.5	976	33	W	11
21 TS	10/29	18	6.9	163.1	991	23	W	2	17 T	11/03	6	10.5	101.6	976	33	WNW	11
22 STS	10/30	0	7.6	161.5	984	26	WNW	9	18 T	11/03	12	10.9	100.5	976	33	WNW	12
23 T	10/30	6	8.0	160.4	976	33	WNW	11	19 STS	11/03	18	11.8	99.8	987	26	NW	11
24 T	10/30	12	8.3	159.5	966	38	WNW	10	20 TS	11/04	0	12.7	98.7	991	23	NW	13
25 T	10/30	18	8.6	158.2	954	46	WNW	13	21 TS	11/04	6	13.6	97.5	991	23	NW	13
26 T	10/31	0	8.9	157.4	937	54	WNW	9	22 TS	11/04	12	13.4	95.7	991	23	NW	13
27 T	10/31	6	9.1	156.6	937	54	WNW	9	23 TS	11/04	18	13.6	94.8	991	23	NW	10
28 T	10/31	12	9.8	155.8	920	62	WNW	10	24 STS	11/05	0	14.1	93.8	987	26	WNW	11

25	STS	11/05	6	14.2	93.6	987	26	WNW	4
26	STS	11/05	12	14.5	92.9	987	26	WNW	8
27	STS	11/05	18	14.3	92.1	987	26	WNW	8
28	STS	11/06	0	14.4	91.9	987	26	WNW	5
29	STS	11/06	6	14.4	91.9	987	26	0	0
30	T	11/06	12	15.0	92.1	976	33	NW	3
31	T	11/06	18	14.9	92.1	976	33	0	0
32	T	11/07	0	15.1	92.0	976	33	N	1
33	STS	11/07	6	15.2	90.9	984	28	W	5
34	STS	11/07	12	15.4	90.6	984	28	NW	4
35	STS	11/07	18	14.9	90.6	987	26	S	3
36	STS	11/08	0	14.5	90.2	980	31	WSW	3
37	STS	11/08	6	14.5	90.0	984	28	W	2
38	TS	11/08	12	15.0	89.3	991	23	WNW	6
39	TS	11/09	0	15.3	89.4	997	18	N	3
40	TD	11/09	6	15.3	90.3	1000	15	NNE	2

98. TC = NWP97-70 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	11/02	6	5.5	175.3	1007	7	NW	10
2	L	11/03	6	7.7	167.4	1007	7	NW	12
3	L	11/04	6	7.7	167.4	1007	7	0	0
4	L	11/05	6	5.5	165.2	1010	8	SW	10
5	L	11/06	6	5.5	165.2	1010	5	0	0

99. TC = NWP9730 Name = MORT All Points = 26

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	11/08	6	11.2	144.9	1010	5	W	10
2	L	11/09	6	11.2	142.7	1010	7	W	10
3	L	11/09	16	11.1	141.1	1006	11	W	8
4	TD	11/10	18	11.2	140.0	1002	13	W	6
5	TD	11/11	0	11.8	138.9	1000	15	WNW	8
6	TS	11/11	6	11.9	138.5	997	18	WNW	6
7	TS	11/11	12	12.1	137.9	994	21	WNW	6
8	TS	11/11	18	12.4	136.6	991	23	WNW	10
9	STS	11/12	0	12.7	135.6	984	28	WNW	9
10	STS	11/12	6	13.0	134.8	980	31	WNW	8
11	STS	11/12	12	13.3	134.0	980	31	WNW	8
12	T	11/12	18	13.6	133.1	976	33	WNW	10
13	T	11/13	0	13.8	132.5	976	33	WNW	7
14	T	11/13	6	13.6	132.0	976	33	W	7
15	T	11/13	12	13.7	131.1	976	33	W	7
16	T	11/13	18	14.1	130.6	976	33	WNW	7
17	TS	11/14	0	13.8	129.0	997	18	W	10
18	TS	11/14	6	13.8	128.1	997	18	W	9
19	TS	11/14	12	13.8	126.4	997	18	W	12
20	TS	11/14	18	14.1	126.0	991	23	W	11
21	STS	11/15	0	14.7	125.1	987	26	WNW	10
22	STS	11/15	6	15.0	124.1	987	26	WNW	10
23	STS	11/15	12	15.4	123.6	984	28	WNW	8
24	TS	11/15	18	15.5	123.4	991	23	WNW	5
25	TS	11/16	0	15.5	122.6	997	18	WNW	6
26	TD	11/16	6	15.6	121.8	1002	13	WNW	7

100. TC = NWP97-71 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	11/09	6	10.1	179.7	1009	5	W	10
2	L	11/10	6	10.1	175.3	1008	5	W	10
3	L	11/11	6	12.6	171.5	1008	8	WNW	12
4	L	11/12	6	13.5	158.5	1010	5	W	25

101. TC = NWP97-72 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	11/10	6	6.6	104.5	1009	5	0	0
2	L	11/11	6	6.6	104.5	1009	5	0	0
3	L	11/12	6	6.6	104.5	1009	5	0	0

102. TC = NWP97-73 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	11/15	6	8.0	179.9	1008	5	0	0
2	L	11/16	6	8.0	179.9	1008	5	0	0

103. TC = NWP97-74 Name = NO NAME All Points = 8

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	11/16	6	21.3	168.5	1010	7	0	0
2	L	11/17	6	21.3	168.5	1010	7	0	0
3	L	11/18	6	21.3	168.5	1010	7	0	0
4	L	11/19	2	25.7	166.3	1010	7	NNW	8
5	L	11/20	6	26.5	162.0	1012	10	WNW	15
6	L	11/21	6	26.8	160.7	1012	10	W	10
7	L	11/22	6	25.7	160.7	1015	10	S	3
8	L	11/23	6	27.9	162.9	1015	7	NE	10

104. TC = NWP97-75 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	11/18	6	9.9	171.9	1009	5	NW	10
2	L	11/19	6	11.2	169.6	1009	5	NW	8
3	L	11/20	6	10.1	162.9	1011	8	WSW	10
4	L	11/21	6	15.6	169.6	1011	8	NE	20

105. TC = NWP97-76 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	11/20	18	26.8	137.1	1013	10	0	0
2	L	11/21	6	26.8	137.1	1013	10	0	0
3	L	11/21	21	26.8	137.1	1013	5	0	0

106. TC = NWP97-77 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	12/02	6	8.8	130.4	1010	7	W	15
2	L	12/03	6	9.0	126.0	1010	5	W	10

107. TC = NWP97-78 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	12/18	6	4.4	159.5	1007	5	0	0
2	L	12/19	6	4.4	154.0	1007	5	W	20
3	L	12/20	6	4.4	154.0	1007	5	0	0

108. TC = NWP97-79 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	12/18	6	4.4	172.0	1007	5	0	0
2	L	12/19	6	4.4	172.0	1007	5	0	0

1997. Northeast Pacific Ocean

1. TC = NEP97-1 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/23	22	10.5	-110.0	-	5	0	0
2	L	05/24	22	10.5	-110.0	-	5	0	0

3 L 05/26 10 10.5 -110.0 - 5 0 0  
 2. TC = NEP9701 Name = ANDRES All Points = 29

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/29	4	8.0	-95.0	-	7	N	3
2	L	05/30	4	8.0	-94.5	-	7	N	3
3	L	05/31	10	8.0	-95.0	-	7	N	3
4	TD	06/01	0	10.4	-95.4	1009	13	N	10
5	TD	06/01	6	10.5	-95.5	1009	13	0	0
6	TD	06/01	12	10.0	-95.7	1009	15	N	3
7	TD	06/01	18	10.0	-95.8	1009	15	N	3
8	TD	06/02	3	11.0	-95.9	1009	15	NNW	3
9	TD	06/02	9	11.0	-96.3	1009	15	NNW	2
10	TS	06/02	15	12.0	-96.4	1005	18	N	6
11	TS	06/02	21	12.0	-96.4	1005	18	N	5
12	TS	06/03	3	13.0	-97.1	1005	18	NNE	6
13	TS	06/03	9	13.0	-96.9	1005	18	NNE	2
14	TS	06/03	15	14.0	-96.9	1005	18	N	5
15	TS	06/03	21	14.0	-95.7	1005	18	NE	10
16	TS	06/04	3	14.0	-94.6	1002	21	ENE	10
17	TS	06/04	9	14.0	-93.8	1000	23	ENE	10
18	TS	06/04	15	15.0	-93.2	1000	23	ENE	8
19	TS	06/04	21	14.0	-93.6	1003	21	E	2
20	TS	06/05	3	14.0	-92.7	1000	23	E	5
21	TS	06/05	9	14.0	-92.2	1005	18	E	5
22	TS	06/05	15	14.0	-92.5	1005	18	SE	1
23	TS	06/05	21	12.0	-91.0	1005	18	SE	1
24	TD	06/06	3	12.0	-90.0	1009	15	ESE	10
25	TD	06/06	9	12.0	-89.0	1009	15	E	8
26	TD	06/06	15	12.0	-88.6	1009	15	E	8
27	TD	06/06	21	12.0	-88.5	1009	15	ENE	5
28	TD	06/07	3	13.0	-89.0	1009	15	N	6
29	TD	06/07	9	13.0	-89.4	1009	13	N	5

3. TC = NEP97-2 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/02	12	7.0	-160.0	-	5	0	0
2	L	06/03	0	7.0	-160.0	-	5	0	0

4. TC = NEP97-3 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/02	12	7.0	-170.0	-	5	0	0
2	L	06/03	0	7.0	-170.0	-	5	0	0

5. TC = NEP97-4 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/04	0	6.5	-161.0	-	5	0	0
2	L	06/05	0	6.5	-161.1	-	5	0	0
3	L	06/06	0	7.0	-161.0	-	5	N	3
4	L	06/07	12	8.0	-166.0	-	5	W	15

6. TC = NEP97-5 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/06	12	8.0	-158.0	-	5	0	0
2	L	06/07	0	8.0	-158.0	-	5	0	0

7. TC = NEP97-6 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/07	0	8.4	-167.5	-	5	0	0
2	L	06/07	18	8.4	-167.5	-	5	0	0

8. TC = NEP97-7 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/07	0	7.2	-159.3	-	5	0	0
2	L	06/07	18	7.2	-159.3	-	5	0	0

9. TC = NEP97-8 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/07	0	5.1	-155.8	-	5	0	0
2	L	06/07	12	5.0	-161.8	-	5	W	20

10. TC = NEP9702 Name = BLANCA All Points = 16

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/08	10	13.0	-92.0	1010	7	0	0
2	L	06/08	22	10.0	-90.0	1010	7	SE	15
3	L	06/09	4	8.5	-91.5	1010	10	SW	15
4	TD	06/09	18	14.1	-94.5	1009	15	NNW	15
5	TD	06/09	21	14.5	-95.2	1009	15	WNW	10
6	TS	06/10	3	14.9	-96.6	1005	18	WNW	10
7	TS	06/10	9	15.3	-97.4	1004	21	WNW	12
8	TS	06/10	15	14.9	-99.1	1004	21	W	14
9	TS	06/10	21	15.1	-100.7	1004	21	W	16
10	TS	06/11	3	15.1	-102.3	1004	21	W	16
11	TS	06/11	9	15.3	-103.7	1004	21	W	15
12	TS	06/11	15	15.7	-104.7	1004	21	NW	13
13	TS	06/11	21	16.0	-106.2	1005	21	WNW	13
14	TD	06/12	3	16.3	-107.6	1006	15	WNW	12
15	TD	06/12	9	16.6	-108.8	1007	13	WNW	13
16	L	06/13	6	19.0	-111.8	1010	10	NW	5

11. TC = NEP97-9 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/12	0	10.0	-157.0	-	5	0	0
2	L	06/13	0	10.0	-157.0	-	5	0	0
3	L	06/14	0	10.0	-157.0	-	5	0	0
4	L	06/14	12	4.0	-154.0	-	5	SSE	20
5	L	06/15	12	4.0	-156.0	-	5	W	10

12. TC = NEP97-10 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/14	16	9.0	-116.5	-	5	S	3
2	L	06/15	4	8.5	-116.5	-	5	S	3
3	L	06/15	16	8.0	-117.0	-	5	SW	5
4	L	06/16	4	9.5	-120.0	-	5	NW	15
5	L	06/16	10	10.0	-123.0	-	5	WNW	15

13. TC = NEP97-11 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/15	10	15.5	-101.0	-	5	SW	3
2	L	06/15	22	15.0	-102.0	-	5	SW	3
3	L	06/16	10	16.5	-103.0	-	5	NW	10
4	L	06/16	16	16.5	-104.0	-	5	W	10

14. TC = NEP97-12 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/17	10	8.5	-92.0	-	5	0	0
2	L	06/18	4	8.5	-93.0	-	5	W	5

15. TC = NEP97-13 Name = 03 E All Points = 20

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/18	4	10.0	-110.0	-	7	W	3

2	L	06/19	16	10.0	-113.0	-	7	W	3
3	L	06/20	10	12.0	-115.0	-	7	NW	5
4	L	06/21	10	13.5	-116.5	-	10	NW	10
5	TD	06/21	21	14.8	-118.1	1006	15	WNW	12
6	TD	06/22	3	14.9	-119.6	1006	15	WNW	12
7	TD	06/22	9	15.1	-120.6	1006	15	WNW	12
8	TD	06/22	15	15.0	-121.5	1006	15	WNW	11
9	TD	06/22	21	14.8	-122.4	1006	15	W	9
10	TD	06/23	3	14.3	-123.2	1006	15	W	9
11	TD	06/23	9	13.9	-123.7	1006	15	WSW	7
12	TD	06/23	15	14.9	-126.8	1006	13	W	13
13	TD	06/23	21	14.9	-127.9	1006	13	W	12
14	TD	06/24	3	14.8	-129.2	1006	13	W	14
15	L	06/25	16	12.5	-132.5	1008	10	SW	10
16	L	06/26	22	12.0	-140.0	1006	10	W	15
17	TD	06/27	0	12.0	-137.5	1006	15	E	15
18	TD	06/28	12	11.0	-142.5	1006	13	SW	12
19	L	06/29	0	10.5	-146.5	1006	10	W	12
20	L	06/30	0	9.0	-151.0	1008	7	WSW	15

16. TC = NEP97-14 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/20	12	8.0	-176.0	-	5	WNW	10
2	L	06/21	0	7.0	-174.0	-	5	SE	8
3	L	06/22	0	8.0	-176.0	-	5	NW	15

17. TC = NEP97-15 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/21	12	5.0	-168.0	-	5	0	0
2	L	06/22	0	5.0	-168.0	-	5	0	0

18. TC = NEP97-16 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/21	12	11.0	-173.0	-	5	0	0
2	L	06/22	0	11.0	-173.0	-	5	0	0

19. TC = NEP97-17 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/21	12	11.0	180.0	-	5	0	0
2	L	06/22	0	11.0	180.0	-	5	0	0

20. TC = NEP97-18 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/22	22	10.5	-104.0	1007	5	0	0
2	L	06/23	4	10.5	-104.0	1007	5	0	0
3	L	06/24	10	12.5	-107.0	1007	5	NW	15

21. TC = NEP97-19 Name = NO NAME All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/23	12	9.0	-174.0	-	5	W	5
2	L	06/24	12	8.1	-176.0	-	5	WSW	10
3	L	06/25	0	10.1	-176.0	-	5	N	15
4	L	06/26	0	12.5	-177.0	-	5	NNW	15
5	L	06/26	12	14.0	-177.5	-	5	N	10
6	L	06/27	0	12.0	-179.0	-	5	SW	10

22. TC = NEP97-20 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/23	12	10.0	-157.0	-	5	0	0
2	L	06/24	0	10.0	-157.0	-	5	0	0

23. TC = NEP9703 Name = CARLOS All Points = 14

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/24	4	16.5	-106.5	1010	7	0	0
2	L	06/25	10	17.0	-109.0	1010	10	NWW	10
3	TD	06/25	15	17.2	-109.2	1006	15	NW	7
4	TS	06/25	21	17.7	-109.9	1005	18	NW	10
5	TS	06/26	3	17.9	-110.8	999	18	WNW	10
6	TS	06/26	9	18.4	-111.7	996	23	WNW	10
7	TS	06/26	15	18.8	-112.4	999	23	WNW	10
8	TS	06/26	21	19.0	-113.5	1000	18	WNW	9
9	TS	06/27	3	19.3	-114.8	1000	18	WNW	11
10	TD	06/27	9	19.2	-116.8	1004	15	W	10
11	TD	06/27	15	19.8	-116.5	1005	13	W	10
12	TD	06/28	0	20.0	-118.0	1005	13	W	10
13	TD	06/28	12	20.1	-120.0	1006	13	W	10
14	TD	06/29	4	18.5	-120.0	1006	13	W	10

24. TC = NEP97-21 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/26	0	15.0	-146.0	-	5	S	5
2	L	06/26	12	14.0	-146.0	-	5	S	8
3	L	06/27	0	13.0	-150.0	-	5	WSW	10

25. TC = NEP97-22 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/26	0	5.0	-147.0	-	5	0	0
2	L	06/26	18	5.0	-147.0	-	5	0	0

26. TC = NEP97-23 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/26	10	7.0	-95.0	-	5	W	10
2	L	06/26	16	7.5	-99.0	-	5	W	15
3	L	06/26	22	8.5	-101.0	-	5	NW	12

27. TC = NEP97-24 Name = 05 E All Points = 15

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/27	4	10.5	-104.0	1006	7	W	10
2	L	06/28	4	11.0	-108.0	1006	7	W	15
3	L	06/29	4	15.0	-110.0	1005	10	NNW	10
4	TD	06/29	15	13.9	-110.6	1003	15	SSW	10
5	TD	06/29	21	14.5	-110.0	1003	15	N	9
6	TD	06/30	3	14.7	-110.8	1005	15	NW	7
7	TD	06/30	15	15.3	-112.0	1005	13	WNW	5
8	TD	07/01	3	15.1	-114.2	1005	13	W	9
9	TD	07/01	15	15.5	-116.5	1005	13	W	10
10	TD	07/02	4	15.1	-118.0	1005	15	W	9
11	TD	07/02	15	15.1	-119.7	1004	15	W	9
12	TD	07/03	3	14.8	-121.3	1004	15	W	8
13	TD	07/03	15	14.1	-123.2	1004	15	SW	8
14	L	07/04	3	14.0	-123.8	1005	10	W	6
15	L	07/04	18	14.1	-126.5	1005	10	W	6

28. TC = NEP97-25 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/02	10	11.0	-102.0	-	5	W	3
2	L	07/02	22	11.0	-102.0	-	5	0	0
3	L	07/03	4	12.0	-104.5	-	5	WNW	10
4	L	07/03	10	12.0	-104.5	-	5	0	0

29. TC = NEP97-26 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/03	16	11.5	-104.0	-	5	W	10
2	L	07/04	16	12.0	-107.0	-	5	W	10

30. TC = NEP9704 Name = DOLORES All Points = 34

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/04	22	13.0	-110.0	1009	5	W	5
2	L	07/05	4	13.0	-111.0	1009	7	W	5
3	TD	07/05	12	12.5	-109.6	1006	13	W	5
4	TD	07/05	21	13.0	-110.5	1003	15	WNW	10
5	TS	07/06	3	13.3	-112.3	1000	21	WNW	11
6	STS	07/06	9	13.4	-112.8	1000	26	W	10
7	STS	07/06	15	13.8	-114.6	994	28	W	12
8	STS	07/06	21	14.3	-115.7	994	28	WNW	12
9	STS	07/07	3	14.9	-116.9	990	28	WNW	12
10	STS	07/07	9	15.0	-118.1	994	31	WNW	13
11	T	07/07	15	15.4	-119.2	987	33	WNW	12
12	T	07/07	21	15.7	-120.5	987	33	WNW	12
13	T	07/08	3	15.7	-121.7	979	38	WNW	12
14	T	07/08	9	16.2	-122.7	979	38	WNW	12
15	T	07/08	15	16.5	-124.2	979	38	WNW	12
16	T	07/08	21	16.9	-125.7	979	36	WNW	13
17	T	07/09	3	17.3	-126.8	980	36	WNW	13
18	T	07/09	9	17.7	-128.1	975	41	WNW	13
19	T	07/09	15	17.8	-129.9	979	36	WNW	12
20	T	07/09	21	17.7	-130.6	979	36	W	11
21	T	07/10	3	18.5	-131.9	987	33	WNW	12
22	STS	07/10	9	18.8	-133.1	991	31	WNW	13
23	TS	07/10	15	18.6	-134.9	995	21	W	14
24	TS	07/10	21	19.0	-136.3	1005	18	W	14
25	TD	07/11	3	19.4	-137.6	1005	15	W	14
26	TD	07/11	9	19.5	-138.4	1005	15	W	11
27	TD	07/11	15	20.3	-139.5	1005	15	W	13
28	TD	07/11	21	21.3	-140.6	1005	15	WNW	12
29	TD	07/12	3	22.7	-141.9	1010	15	NW	15
30	TD	07/12	9	22.4	-143.4	1010	15	W	14
31	TD	07/12	15	22.9	-144.8	1010	15	W	13
32	TD	07/12	21	23.4	-145.9	1010	13	WNW	15
33	TD	07/13	6	24.2	-148.2	1010	13	W	15
34	L	07/13	18	25.1	-150.9	1012	10	NW	10

31. TC = NEP97-27 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/06	0	11.0	-162.0	-	5	SW	15
2	L	07/07	12	9.0	-166.5	-	5	WSW	15

32. TC = NEP97-28 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/08	10	5.0	-95.0	-	5	NW	5
2	L	07/09	10	6.5	-100.0	-	5	WNW	20

33. TC = NEP9705 Name = ENRIQUE All Points = 21

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/11	16	8.0	-110.0	-	7	N	5
2	L	07/12	6	8.6	-111.7	-	10	NW	5
3	TD	07/12	15	9.1	-114.3	1005	15	WNW	10
4	TS	07/12	21	9.6	-114.9	1000	21	WNW	10
5	TS	07/13	3	10.3	-117.1	1000	23	WNW	14

6	STS	07/13	9	11.2	-118.1	994	28	WNW	14
7	T	07/13	15	12.0	-119.8	987	33	WNW	16
8	T	07/13	21	12.9	-121.1	970	46	WNW	16
9	T	07/14	3	13.5	-122.2	970	46	WNW	15
10	T	07/14	9	14.1	-122.9	970	46	NW	13
11	T	07/14	15	15.1	-123.8	970	46	NW	13
12	T	07/14	21	15.9	-125.0	970	46	NW	13
13	T	07/15	3	16.9	-126.0	970	46	NW	13
14	T	07/15	9	18.2	-127.2	977	41	NW	14
15	STS	07/15	15	19.0	-128.7	987	31	NW	15
16	TS	07/15	21	19.7	-130.0	997	23	WNW	15
17	TS	07/16	3	20.3	-131.4	1000	23	WNW	12
18	TD	07/16	9	20.9	-132.6	1003	15	WNW	13
19	TD	07/16	15	21.9	-133.3	1003	15	NW	11
20	TD	07/16	21	22.7	-134.0	1007	13	NW	10
21	TD	07/17	6	23.6	-135.2	1007	13	NW	10

34. TC = NEP97-29 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/12	0	15.0	-172.0	-	5	0	0
2	L	07/12	18	15.0	-172.0	-	5	0	0

35. TC = NEP97-30 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/12	4	12.5	-139.0	-	5	NW	5
2	L	07/12	22	13.5	-141.0	-	5	NW	12

36. TC = NEP97-31 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/13	0	11.0	-139.0	-	5	0	0
2	L	07/14	0	8.0	-140.0	-	5	SSW	15
3	L	07/15	0	8.0	-144.0	-	5	W	20

37. TC = NEP9706 Name = FELICIA All Points = 30

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/13	10	10.0	-105.0	-	7	S	10
2	L	07/14	4	10.0	-108.0	-	10	W	15
3	TD	07/14	12	10.1	-109.0	1004	15	NW	24
4	TD	07/14	21	10.6	-110.6	1004	15	WNW	12
5	TD	07/15	3	10.9	-112.0	1006	15	WNW	13
6	TD	07/15	9	11.6	-112.5	1005	15	WNW	4
7	TD	07/15	15	11.8	-112.7	1005	15	WNW	8
8	TS	07/15	21	12.8	-113.1	1005	18	NW	8
9	TS	07/16	3	13.0	-114.2	1005	18	NW	9
10	TS	07/16	9	13.2	-114.8	1000	23	WNW	9
11	T	07/17	15	14.0	-118.3	987	33	WNW	12
12	T	07/17	21	14.7	-119.4	987	33	WNW	11
13	T	07/18	3	15.1	-120.6	987	33	WNW	11
14	T	07/18	9	15.4	-121.9	979	38	WNW	11
15	T	07/18	15	15.4	-123.2	962	51	W	12
16	T	07/18	21	15.5	-124.6	962	51	WNW	13
17	T	07/19	3	15.6	-126.0	960	51	W	14
18	T	07/19	9	15.7	-127.3	948	57	W	12
19	T	07/19	15	15.8	-128.8	948	60	W	14
20	T	07/19	21	15.9	-130.2	948	60	W	13
21	T	07/20	3	16.1	-131.7	948	57	W	15
22	T	07/20	9	16.3	-133.1	955	54	W	13
23	T	07/20	15	16.8	-134.8	962	51	W	15
24	T	07/20	21	17.2	-136.4	962	51	WNW	15
25	T	07/21	3	17.4	-138.0	970	46	WNW	15

26	STS	07/21	9	17.5	-139.4	990	31	W	14
27	STS	07/21	15	17.5	-141.6	996	26	W	18
28	TS	07/21	21	17.6	-143.9	1000	23	W	18
29	TD	07/22	3	17.7	-146.5	1010	15	W	21
30	TD	07/22	15	17.8	-151.4	1011	13	W	23

38. TC = NEP97-32 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/15	12	21.5	-102.5	-	5	0	0
2	L	07/16	0	21.5	-102.5	-	5	0	0

39. TC = NEP97-33 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/16	10	12.0	-100.0	-	5	0	0
2	L	07/17	4	12.0	-100.0	-	5	0	0

40. TC = NEP97-34 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/19	16	9.0	-110.0	-	5	0	0
2	L	07/20	4	8.5	-110.0	-	5	S	3
3	L	07/21	4	12.0	-115.0	-	5	NW	15

41. TC = NEP97-35 Name = NO NAME All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/24	0	8.0	-151.0	-	7	W	10
2	L	07/25	0	8.0	-158.0	-	7	W	15
3	L	07/26	0	10.0	-161.0	-	7	NW	10
4	L	07/26	15	10.7	-166.0	-	7	W	15
5	TD	07/26	23	10.7	-166.6	1010	13	W	10
6	TD	07/27	3	11.4	-164.8	1010	13	ENE	10
7	TD	07/27	9	11.6	-165.6	1007	13	W	8
8	TD	07/27	15	10.0	-167.4	1008	13	WSW	8
9	TD	07/27	21	10.2	-169.2	1008	13	W	15

42. TC = NEP97-36 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/26	0	31.0	-176.0	-	5	W	3
2	L	07/26	18	31.0	-176.0	-	5	0	0

43. TC = NEP97-37 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/26	0	24.0	-176.0	-	5	W	3
2	L	07/26	18	24.0	-176.0	-	5	0	0

44. TC = NEP97-38 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/26	0	21.0	-175.0	-	5	W	3
2	L	07/26	18	21.0	-175.0	-	5	0	0

45. TC = NEP97-39 Name = NO NAME All Points = 8

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/26	12	10.0	-140.0	-	5	E	3
2	L	07/27	12	9.0	-140.0	-	5	S	5
3	L	07/28	0	10.0	-144.0	-	5	WNW	10
4	L	07/28	12	9.0	-147.0	-	5	WSW	15
5	L	07/29	0	12.0	-147.0	-	5	N	15
6	L	07/30	0	15.0	-154.0	-	5	WNW	20
7	L	07/31	0	18.0	-158.0	-	5	NW	10
8	L	07/31	12	19.0	-163.0	-	5	WNW	20

46. TC = NEP97-40 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/27	10	10.5	-103.0	-	5	NNW	15
2	L	07/28	10	12.5	-104.0	-	5	NNW	15
3	L	07/29	10	15.0	-105.0	-	5	NNW	15

47. TC = NEP9707 Name = GUILLERMO All Points = 81

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/28	10	8.5	-89.0	-	7	N	3
2	L	07/28	16	11.0	-89.0	-	7	N	10
3	L	07/29	4	12.0	-91.0	-	7	NW	10
4	L	07/30	4	12.0	-91.0	-	10	W	15
5	L	07/30	10	12.5	-95.0	-	10	W	15
6	TD	07/30	12	11.0	-94.7	1010	13	S	10
7	TD	07/30	18	11.2	-95.9	1008	15	W	8
8	TD	07/31	3	11.4	-95.8	1005	15	W	5
9	TS	07/31	9	11.5	-95.7	1005	18	0	0
10	TS	07/31	15	13.1	-97.7	1005	18	WNW	6
11	TS	07/31	21	12.4	-99.1	1000	23	W	10
12	STS	08/01	3	12.6	-100.0	994	28	W	10
13	STS	08/01	9	12.8	-101.5	991	31	W	11
14	T	08/01	15	12.3	-102.0	987	33	W	10
15	T	08/01	21	12.5	-102.8	987	33	W	9
16	T	08/02	3	12.9	-104.4	987	33	W	10
17	T	08/02	9	13.5	-105.8	979	38	W	11
18	T	08/02	15	13.5	-106.5	979	41	W	11
19	T	08/02	21	13.2	-107.6	955	54	W	10
20	T	08/03	3	13.4	-108.5	947	60	W	10
21	T	08/03	9	13.6	-109.1	940	62	W	11
22	T	08/03	15	13.7	-110.8	925	70	W	11
23	T	08/03	21	13.9	-112.1	923	70	W	11
24	T	08/04	3	14.0	-113.2	923	70	W	11
25	T	08/04	9	14.0	-114.5	930	68	W	12
26	T	08/04	15	14.2	-115.7	930	68	W	12
27	T	08/04	21	14.3	-117.3	921	73	W	14
28	T	08/05	3	14.4	-118.7	921	73	W	14
29	T	08/05	9	14.4	-120.3	921	73	W	14
30	T	08/05	15	14.5	-121.6	921	73	W	14
31	T	08/05	21	14.7	-123.1	925	70	W	14
32	T	08/06	3	15.0	-124.5	925	68	W	14
33	T	08/06	9	15.3	-125.9	930	65	W	14
34	T	08/06	15	15.8	-127.5	948	60	WNW	15
35	T	08/06	21	16.1	-129.1	952	57	WNW	15
36	T	08/07	3	16.4	-130.3	962	51	WNW	14
37	T	08/07	9	16.7	-131.4	970	46	WNW	13
38	T	08/07	15	17.1	-132.6	978	41	WNW	12
39	T	08/07	21	17.6	-133.8	983	36	WNW	12
40	T	08/08	3	18.1	-134.6	987	33	WNW	11
41	STS	08/08	9	18.4	-135.8	990	31	WNW	12
42	STS	08/08	15	18.7	-136.7	993	28	WNW	11
43	STS	08/08	21	19.9	-137.7	993	28	NW	11
44	STS	08/09	3	20.4	-138.4	997	26	NW	11
45	TS	08/09	9	21.0	-139.1	997	23	NW	11
46	TS	08/09	15	21.5	-139.5	997	23	NW	8
47	TS	08/09	21	22.5	-139.6	997	23	N	9
48	TS	08/10	3	23.0	-141.2	1005	21	WNW	10
49	TS	08/10	9	23.7	-141.7	1006	18	WNW	10
50	TS	08/10	15	24.0	-142.3	1006	18	NW	8
51	TD	08/10	21	25.3	-142.6	1007	15	NW	7

52	TD	08/11	3	26.2	-142.9	1007	15	NW	7
53	TD	08/11	9	26.9	-143.2	1007	15	NW	7
54	TD	08/11	15	28.0	-143.7	1004	15	NW	10
55	TD	08/11	21	28.7	-143.9	1008	15	NW	7
56	TS	08/12	3	29.1	-145.8	1007	18	NW	10
57	TS	08/12	9	29.5	-146.9	1000	21	W	11
58	TS	08/12	21	30.5	-148.6	1004	21	WNW	9
59	TS	08/13	3	31.0	-150.1	1004	21	WNW	12
60	TS	08/13	9	31.1	-151.1	1004	21	W	10
61	TS	08/13	15	31.7	-152.1	1004	21	WNW	10
62	TS	08/13	21	32.6	-153.6	1004	23	NW	14
63	STS	08/14	3	33.4	-154.5	1000	28	NW	13
64	STS	08/14	9	34.0	-155.3	1000	26	NW	8
65	TS	08/14	15	35.2	-156.9	1000	23	NW	9
66	TS	08/14	21	36.0	-157.9	1006	21	NNW	15
67	L	08/15	3	38.0	-158.9	1008	18	NNW	18
68	L	08/15	15	39.9	-159.9	1010	15	NNW	11
69	L	08/15	21	41.1	-160.2	1012	15	N	13
70	L	08/16	0	41.8	-161.0	1010	15	N	13
71	L	08/16	12	44.3	-162.5	1014	15	NW	10
72	L	08/17	0	46.7	-162.4	1016	13	NE	10
73	L	08/17	12	48.3	-159.3	1018	13	NE	10
74	L	08/18	0	49.5	-154.9	1015	13	NE	15
75	L	08/18	12	50.4	-149.9	1010	15	NE	10
76	L	08/19	0	51.1	-143.7	1003	15	NE	15
77	L	08/20	0	48.0	-140.0	1004	15	SE	15
78	L	08/21	0	42.7	-138.4	1005	13	SSE	15
79	L	08/22	0	40.2	-136.5	1006	13	SE	15
80	L	08/23	0	38.8	-134.1	1012	13	SE	15
81	L	08/24	0	39.0	-130.0	1014	10	E	10

48. TC = NEP97-41 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/29	16	15.0	-106.0	-	5	W	3
2	L	07/30	10	16.0	-110.0	-	5	WNW	15
3	L	07/31	4	16.5	-110.5	-	5	NW	5
4	L	08/01	16	16.5	-112.0	-	5	W	10
5	J	08/02	4	17.0	-113.0	-	5	NW	5

49. TC = NEP97-42 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/31	0	17.0	-146.0	-	5	W	10
2	L	07/31	12	17.0	-148.0	-	5	W	15

50. TC = NEP97-43 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/04	0	9.0	-143.0	-	5	0	0
2	L	08/05	0	9.5	-142.0	-	5	E	5

51. TC = NEP97-44 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/04	0	5.0	-167.0	-	5	0	0
2	L	08/05	0	5.0	-167.0	-	5	0	0

52. TC = NEP9708 Name = HILDA All Points = 23

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/07	10	8.0	-110.0	-	7	0	0
2	L	08/08	10	10.0	-112.0	-	7	NW	10
3	L	08/09	16	11.5	-115.0	-	10	NW	10
4	TD	08/10	3	10.9	-114.9	1007	15	NW	7

5	TD	08/10	9	11.2	-114.5	1005	15	NW	5
6	TD	08/10	15	12.0	-114.5	1005	15	N	5
7	TD	08/10	21	12.3	-114.5	1004	15	N	5
8	TD	08/11	3	12.4	-115.5	1005	15	NW	6
9	TD	08/11	9	12.5	-115.7	1005	15	NW	4
10	TD	08/11	15	12.8	-116.1	1005	15	WNW	4
11	TD	08/11	21	13.2	-117.0	1005	15	WNW	7
12	TD	08/12	3	13.1	-118.0	1005	15	W	7
13	TS	08/12	9	13.2	-118.9	1004	18	W	8
14	TS	08/12	21	13.4	-120.7	1000	23	W	9
15	TS	08/13	3	13.9	-121.8	1000	23	WNW	10
16	TS	08/13	9	14.2	-122.7	1000	23	WNW	10
17	TS	08/13	15	15.3	-123.9	1000	23	WNW	10
18	TS	08/13	21	14.5	-124.0	1003	21	W	7
19	TS	08/14	3	15.3	-125.3	1005	18	WNW	10
20	TD	08/14	9	15.7	-126.3	1004	15	WNW	10
21	TD	08/14	15	16.2	-128.6	1005	15	WNW	14
22	TD	08/14	21	16.8	-129.7	1005	13	WNW	14
23	TD	08/15	3	17.5	-130.8	1007	13	WNW	14

53. TC = NEP97-45 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/12	0	8.0	-173.0	-	5	0	0
2	L	08/13	0	8.0	-173.0	-	5	0	0

54. TC = NEP9709 Name = IGNACIO All Points = 14

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/13	4	10.0	-110.0	-	7	NW	10
2	L	08/14	4	14.0	-114.0	-	7	NW	15
3	L	08/15	4	14.0	-112.5	-	7	NW	15
4	L	08/16	4	15.0	-115.0	-	7	NW	15
5	TD	08/17	3	18.5	-118.3	1008	13	NW	5
6	TD	08/17	15	21.7	-119.1	1006	15	NNW	12
7	TS	08/17	21	21.8	-120.5	1004	18	NW	11
8	TS	08/18	3	22.7	-120.9	1004	18	NW	11
9	TD	08/18	9	24.0	-120.6	1004	15	N	12
10	TD	08/18	15	25.1	-121.6	1006	15	NNW	12
11	TD	08/18	21	26.8	-121.5	1007	13	N	14
12	TD	08/19	6	28.6	-121.9	1009	13	N	14
13	L	08/19	18	31.7	-121.7	1010	12	N	14
14	L	08/20	6	35.0	-121.5	1012	10	N	10

55. TC = NEP97-46 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/17	12	10.1	-146.0	-	5	0	0
2	L	08/18	12	10.0	-145.0	-	5	W	10

56. TC = NEP97-47 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/18	16	8.0	-110.0	-	5	N	5
2	L	08/19	4	9.0	-110.0	-	5	N	10
3	L	08/20	4	11.0	-111.0	-	5	NW	10
4	L	08/21	4	12.0	-111.0	-	5	N	10

57. TC = NEP97-48 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/18	16	9.0	-88.0	-	5	0	0
2	L	08/19	16	9.0	-88.0	-	5	0	0



8	TS	09/04	21	19.9	-117.5	1000	23	WNW	13
9	STS	09/05	3	20.1	-118.9	997	26	W	11
10	STS	09/05	9	20.8	-119.6	997	26	WNW	12
11	STS	09/05	15	21.0	-120.4	997	26	WNW	11
12	TS	09/05	21	20.4	-122.0	1000	23	WNW	11
13	TS	09/06	3	20.5	-122.9	1000	21	W	11
14	TS	09/06	9	20.6	-124.1	1000	18	W	11
15	TD	09/06	15	20.6	-125.1	1006	15	W	9
16	TD	09/06	21	21.0	-126.0	1008	13	W	10

63. TC = NEP97-51 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/03	10	12.0	-120.0	-	5	SW	10
2	L	09/04	4	10.0	-123.0	-	5	SW	10
3	L	09/04	22	15.0	-128.0	-	5	NW	15

64. TC = NEP97-52 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/04	12	11.0	-153.0	-	5	W	3
2	L	09/05	0	10.0	-167.0	-	5	W	20
3	L	09/06	0	9.0	-170.0	-	5	WSW	10

65. TC = NEP97-53 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/08	0	12.5	-148.0	-	5	W	10
2	L	09/08	12	13.0	-149.0	-	5	W	10

66. TC = NEP9713 Name = LINDA All Points = 37

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/08	10	10.0	-104.0	-	7	N	10
2	L	09/09	10	11.0	-104.0	-	7	N	10
3	TD	09/09	14	12.4	-104.7	1010	13	N	5
4	TD	09/09	18	13.1	-105.7	1006	15	WNW	12
5	TD	09/09	21	13.3	-106.2	1006	15	WNW	10
6	TD	09/10	3	13.8	-106.7	1005	15	WNW	10
7	TS	09/10	9	14.3	-106.7	1003	18	NW	7
8	STS	09/10	15	14.7	-107.1	998	26	NW	6
9	STS	09/10	21	15.1	-107.4	994	28	NW	5
10	T	09/11	3	15.7	-107.6	987	33	NW	6
11	T	09/11	9	16.0	-108.2	980	38	NW	6
12	T	09/11	15	16.0	-108.5	960	51	NW	7
13	T	09/11	21	16.1	-108.8	935	68	WNW	6
14	T	09/12	3	16.9	-109.3	910	78	NW	6
15	T	09/12	9	17.5	-110.1	900	83	NW	8
16	T	09/12	15	18.0	-110.6	900	83	NW	8
17	T	09/12	21	18.7	-111.0	900	83	NW	8
18	T	09/13	3	19.6	-112.0	900	83	NW	9
19	T	09/13	9	20.2	-113.5	910	78	NW	12
20	T	09/13	15	20.7	-114.6	915	78	NW	11
21	T	09/13	21	21.0	-115.8	930	68	WNW	11
22	T	09/14	3	21.3	-117.4	935	65	WNW	12
23	T	09/14	9	21.5	-118.3	955	54	WNW	11
24	T	09/14	15	21.9	-119.5	965	46	WNW	11
25	T	09/14	21	22.1	-120.7	963	41	WNW	11
26	T	09/15	3	22.4	-121.8	962	38	WNW	11
27	T	09/15	9	22.9	-122.8	975	36	WNW	11
28	STS	09/15	15	23.0	-123.6	985	28	WNW	10
29	STS	09/15	21	23.0	-124.5	994	26	W	9
30	TS	09/16	3	22.7	-125.3	998	23	W	8
31	TS	09/16	9	22.8	-125.5	1000	21	W	6

32	TS	09/16	15	22.9	-126.1	1005	18	W	5
33	TS	09/16	21	22.8	-126.9	1004	18	W	6
34	TS	09/17	3	22.8	-127.1	1004	18	W	3
35	TS	09/17	9	22.8	-127.5	1004	18	W	3
36	TD	09/17	15	23.0	-128.0	1005	15	W	3
37	TD	09/18	6	23.7	-128.8	1005	15	W	3

67. TC = NEP97-54 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/09	22	10.0	-123.0	-	5	W	5
2	L	09/10	22	10.5	-124.0	-	5	W	5

68. TC = NEP9714 Name = MARTY All Points = 15

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/11	4	9.0	-135.0	-	5	W	5
2	L	09/12	4	9.0	-136.0	-	5	W	5
3	TD	09/13	3	14.3	-133.7	1005	15	W	5
4	TD	09/13	15	14.0	-134.5	1006	15	W	4
5	TD	09/13	21	14.0	-135.2	1006	15	W	5
6	TS	09/14	3	14.0	-136.0	1005	18	W	5
7	TS	09/14	15	14.0	-136.8	1002	21	W	5
8	TS	09/14	21	12.7	-135.8	1002	21	WSW	3
9	TS	09/15	3	12.1	-136.3	1004	18	SW	3
10	TS	09/15	9	12.0	-136.0	1004	18	0	0
11	TS	09/15	15	12.0	-136.0	1004	18	0	0
12	TD	09/15	21	12.0	-136.0	1005	15	0	0
13	TD	09/16	3	11.8	-136.5	1006	13	WSW	1
14	TD	09/16	9	11.8	-136.5	1006	13	0	0
15	L	09/16	15	11.5	-137.1	1006	12	SW	2

69. TC = NEP97-55 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/12	12	11.0	-163.0	-	5	W	10
2	L	09/13	0	12.0	-165.0	-	5	NW	10
3	L	09/14	0	12.0	-168.0	-	5	W	3
4	L	09/14	12	12.0	-168.0	-	5	0	0

70. TC = NEP9715 Name = NORA All Points = 43

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/13	10	7.0	-95.0	-	7	WNW	10
2	L	09/14	4	8.0	-98.0	-	7	WNW	10
3	L	09/15	4	10.0	-100.0	-	7	WNW	10
4	L	09/16	6	10.5	-100.1	1004	11	NW	10
5	TD	09/16	15	12.8	-102.0	1003	15	NW	8
6	TS	09/16	21	13.6	-102.8	1003	18	NW	8
7	TS	09/17	3	14.5	-102.8	1001	21	NW	8
8	TS	09/17	9	14.3	-102.7	1000	23	0	0
9	STS	09/17	15	14.2	-102.5	994	28	0	0
10	STS	09/17	21	14.2	-102.7	994	28	0	0
11	STS	09/18	3	14.4	-103.0	994	31	NW	2
12	T	09/18	9	14.5	-103.7	987	33	WNW	3
13	T	09/18	15	14.2	-103.5	979	38	0	0
14	T	09/18	21	14.0	-103.6	970	46	0	0
15	T	09/19	3	14.3	-104.0	970	46	0	0
16	T	09/19	9	14.4	-104.0	970	46	0	0
17	T	09/19	15	14.4	-104.1	974	44	0	0
18	T	09/19	21	14.5	-104.2	974	44	0	0
19	T	09/20	3	15.2	-104.6	980	41	NW	3
20	T	09/20	9	15.2	-105.0	983	36	NW	4
21	T	09/20	15	15.6	-105.8	987	33	WNW	6

22	T	09/20	21	15.8	-106.5	987	33	WNW	6
23	T	09/21	3	15.9	-107.0	987	33	WNW	6
24	T	09/21	9	16.4	-107.1	970	46	NW	6
25	T	09/21	15	17.0	-108.4	960	57	NW	9
26	T	09/21	21	17.4	-109.4	952	57	NW	10
27	T	09/22	3	18.0	-110.2	952	57	NW	10
28	T	09/22	9	18.2	-110.8	950	57	NW	8
29	T	09/22	15	18.7	-111.4	950	57	NW	8
30	T	09/22	21	19.0	-112.0	956	54	NW	7
31	T	09/23	3	19.6	-112.5	960	51	NW	7
32	T	09/23	9	20.2	-113.2	972	49	NW	8
33	T	09/23	15	20.4	-113.6	970	46	NW	6
34	T	09/23	21	21.0	-114.0	976	41	NW	8
35	T	09/24	3	22.0	-114.3	976	41	NNW	9
36	T	09/24	9	22.9	-114.7	979	38	NNW	11
37	T	09/24	15	23.5	-114.7	976	38	N	9
38	T	09/24	21	24.7	-114.9	976	38	N	11
39	T	09/25	3	26.5	-114.8	976	38	N	15
40	T	09/25	9	28.4	-114.8	980	36	N	18
41	STS	09/25	15	30.5	-114.6	987	31	N	21
42	TS	09/25	21	32.7	-114.8	993	21	N	23
43	TD	09/26	3	35.0	-114.7	998	15	N	22

71. TC = NEP97-56 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/19	0	22.0	-177.0	-	5	0	0
2	L	09/20	0	22.0	-179.0	-	5	SW	3

72. TC = NEP97-57 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/19	0	4.0	-167.0	-	5	W	3
2	L	09/20	0	4.0	-167.0	-	5	0	0

73. TC = NEP9716 Name = OLAF All Points = 50

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/21	10	7.0	-95.0	-	7	NW	15
2	L	09/22	10	7.0	-95.0	-	7	0	0
3	L	09/23	10	7.0	-95.0	-	7	0	0
4	L	09/24	10	10.0	-98.0	-	7	NW	10
5	L	09/25	10	10.0	-98.0	-	7	0	0
6	L	09/26	4	10.0	-96.0	-	10	E	10
7	TD	09/26	12	11.2	-94.6	1006	15	NE	6
8	TD	09/26	15	11.5	-94.6	1006	15	N	6
9	TS	09/26	21	12.6	-94.2	1004	21	N	7
10	TS	09/27	3	13.7	-94.7	1000	23	NNW	8
11	STS	09/27	9	14.2	-94.9	997	31	NNW	8
12	STS	09/27	15	14.7	-95.1	990	31	NW	7
13	TS	09/27	21	15.0	-94.7	996	23	NE	7
14	TS	09/28	3	15.0	-94.5	1000	23	0	0
15	TS	09/28	9	15.5	-94.6	1000	23	N	4
16	TS	09/28	15	16.0	-94.6	1000	23	N	4
17	TS	09/28	21	16.2	-94.7	1002	23	N	3
18	TD	09/29	3	16.2	-95.2	1005	15	W	3
19	TD	09/29	9	16.1	-95.6	1005	15	W	3
20	TD	09/29	15	16.0	-97.0	1006	13	W	5
21	L	09/30	4	15.0	-98.0	1010	10	SW	5
22	L	10/01	4	15.0	-98.0	1012	10	0	0
23	L	10/02	4	15.5	-99.0	1012	7	NW	5
24	L	10/03	4	15.5	-99.0	1012	7	0	0
25	L	10/04	4	16.0	-99.5	1012	7	NW	3

26	L	10/05	4	14.0	-97.0	1012	7	SSW	8
27	TD	10/05	21	16.8	-115.6	1005	15	WNW	20
28	TD	10/06	3	16.5	-115.2	1005	15	E	4
29	TD	10/06	9	16.5	-114.5	1004	15	E	6
30	TD	10/06	15	16.2	-114.0	1004	15	E	5
31	TD	10/06	21	16.2	-113.3	1005	15	E	5
32	TD	10/07	3	15.7	-112.9	1005	15	ESE	5
33	TD	10/07	9	15.7	-113.0	1005	15	E	3
34	TD	10/07	15	15.7	-112.5	1005	15	E	3
35	TD	10/07	21	15.9	-111.2	1005	15	E	7
36	TD	10/08	3	15.4	-110.9	1005	15	E	5
37	TD	10/08	9	15.0	-109.5	1005	15	ESE	5
38	TD	10/08	15	14.6	-109.2	1005	15	ESE	5
39	TD	10/08	21	13.8	-108.1	1004	15	ESE	8
40	L	10/09	10	14.0	-106.0	1010	10	E	10
41	L	10/10	4	11.0	-104.0	1010	10	SE	10
42	TD	10/11	6	16.5	-103.5	1004	15	N	15
43	TD	10/11	15	18.0	-104.3	1004	15	N	11
44	TD	10/11	21	17.8	-103.7	1004	15	N	8
45	TD	10/12	3	18.7	-104.4	1001	15	NNW	4
46	TD	10/12	9	18.2	-104.0	1001	15	0	0
47	TD	10/12	15	18.7	-103.8	1001	15	NNE	0
48	L	10/14	16	16.0	-106.0	1009	10	SW	10
49	L	10/15	4	15.0	-104.0	1009	10	SE	8
50	L	10/16	4	18.0	-110.0	-	7	WNW	15

74. TC = NEP9717 Name = PAULINE All Points = 25

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/30	22	12.0	-102.0	-	7	W	5
2	L	10/01	4	12.0	-103.0	-	7	W	5
3	L	10/02	4	12.0	-102.0	-	7	W	5
4	L	10/03	4	11.0	-100.0	-	7	W	5
5	L	10/04	10	11.0	-100.0	-	7	W	5
6	L	10/05	4	13.0	-99.0	-	8	W	5
7	TD	10/06	3	12.0	-95.3	1003	15	E	5
8	TS	10/06	9	11.9	-94.6	1001	21	E	6
9	STS	10/06	15	11.8	-94.1	994	28	E	6
10	T	10/06	21	12.2	-94.1	987	33	N	3
11	T	10/07	3	12.6	-94.2	975	44	NNW	3
12	T	10/07	9	13.2	-94.3	948	60	NNW	5
13	T	10/07	15	13.5	-94.6	948	60	NNW	4
14	T	10/07	21	13.8	-95.1	955	54	0	0
15	T	10/08	3	13.9	-95.6	960	51	NW	5
16	T	10/08	9	14.4	-95.8	960	51	NW	5
17	T	10/08	15	14.9	-96.0	948	60	NW	6
18	T	10/08	21	15.7	-96.8	955	54	NW	8
19	T	10/09	3	16.1	-97.9	960	51	WNW	11
20	T	10/09	9	17.1	-100.0	970	46	WNW	13
21	T	10/09	15	17.8	-101.2	975	44	WNW	13
22	T	10/09	21	18.3	-102.0	978	38	WNW	11
23	TS	10/10	3	18.7	-103.1	994	23	WNW	11
24	TD	10/10	9	19.3	-102.7	1003	15	NW	7
25	TD	10/10	18	20.0	-103.5	1005	13	NW	7

75. TC = NEP97-58 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	10/01	10	10.0	-138.0	-	5	NW	5
2	L	10/02	4	11.0	-139.0	-	5	NW	5
3	L	10/03	4	12.0	-140.0	-	5	NW	5
4	L	10/04	10	13.0	-141.0	-	5	NW	10



2	L	11/05	10	10.0	-132.0	-	5	ENE	15
3	L	11/06	4	8.0	-134.0	-	5	SW	15
4	L	11/07	4	8.0	-134.0	-	5	0	0

92. TC = NEP97-75 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	11/04	10	13.0	-160.0	-	5	NW	5
2	L	11/05	0	14.0	-162.0	-	5	NW	15

93. TC = NEP9718 Name = RICK All Points = 16

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	11/05	10	8.0	-103.0	1009	7	0	0
2	L	11/06	4	8.0	-103.0	1009	7	0	0
3	L	11/07	4	9.5	-103.0	1008	7	0	0
4	TD	11/07	18	10.6	-103.6	1008	15	N	5
5	TD	11/08	3	12.1	-103.5	1006	15	N	7
6	TD	11/08	9	12.4	-104.1	1006	15	N	7
7	TD	11/08	15	13.0	-103.9	1004	15	N	6
8	TS	11/08	21	13.6	-102.7	1003	18	NE	7
9	STS	11/09	3	14.5	-101.7	996	28	NE	11
10	T	11/09	9	15.3	-100.5	984	36	NE	11
11	T	11/09	15	15.6	-99.0	980	38	ENE	12
12	T	11/09	21	15.7	-98.1	980	38	ENE	11
13	T	11/10	3	15.9	-97.0	980	38	ENE	11
14	STS	11/10	9	16.1	-95.2	990	28	ENE	13
15	TD	11/10	15	16.5	-93.9	1004	15	ENE	13
16	TD	11/10	21	17.0	-92.0	1010	13	ENE	15

94. TC = NEP97-76 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	11/08	10	9.0	-88.0	-	5	W	10
2	L	11/09	10	9.0	-89.0	-	5	W	10
3	L	11/10	22	11.0	-88.0	-	5	NNE	10

85. TC = NEP97-77 Name = NO NAME All Points = 10

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	11/13	10	10.0	-92.0	-	5	W	10
2	L	11/14	10	10.0	-94.0	-	5	W	10
3	J	11/15	10	10.0	-92.0	-	5	E	10
4	L	11/16	22	13.0	-100.0	-	5	WNW	20
5	L	11/17	22	13.0	-103.0	-	5	W	15
6	L	11/18	10	13.0	-108.0	-	5	W	20
7	L	11/19	10	11.5	-116.0	-	5	WSW	20
8	L	11/20	10	10.0	-115.5	-	5	WSW	20
9	L	11/21	10	10.0	-123.5	-	5	W	20
10	L	11/22	4	8.0	-126.0	-	5	SW	20

86. TC = NEP97-78 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	11/13	6	8.0	-171.0	-	5	0	0
2	L	11/13	18	8.0	-171.0	-	5	0	0

97. TC = NEP97-79 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	11/21	0	14.0	-138.0	-	5	SW	10
2	L	11/21	18	13.0	-141.0	-	5	WSW	20

98. TC = NEP97-80 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	11/22	10	10.0	-133.0	-	5	SE	5

2	L	11/23	4	10.0	-135.0	-	5	W	15
3	L	11/24	4	8.0	-136.0	-	5	SSW	5
4	L	11/25	4	10.0	-138.0	-	5	NW	8
5	L	11/26	22	11.0	-146.0	-	5	WNW	15

99. TC = NEP97-81 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	11/24	10	6.5	-118.0	-	5	0	0
2	L	11/25	16	7.0	-117.5	-	5	NE	5

100. TC = NEP97-82 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	11/25	22	9.0	-124.0	-	5	W	5
2	L	11/26	22	6.0	-120.0	-	5	SW	15

101. TC = NEP97-83 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	11/27	4	13.0	-88.0	-	5	0	0
2	L	11/28	22	13.0	-88.0	-	5	0	0

102. TC = NEP97-84 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	11/29	10	11.0	-88.0	-	5	S	10
2	L	11/30	16	9.0	-89.0	-	5	W	10

103. TC = NEP9719 Name = PAKA All Points = 81

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	11/29	10	7.0	-168.0	-	7	E	10
2	L	11/30	4	7.0	-166.0	-	7	E	10
3	L	12/01	10	8.0	-166.5	1009	7	W	3
4	L	12/02	5	7.5	-166.5	1009	7	S	3
5	TD	12/02	15	7.2	-166.4	1008	15	0	0
6	TS	12/02	21	7.5	-166.9	1007	18	WNW	4
7	TS	12/03	3	7.5	-167.4	1005	23	WNW	3
8	TS	12/03	9	8.2	-167.7	996	23	WNW	7
9	TS	12/03	15	8.5	-167.8	996	23	WNW	5
10	TS	12/03	21	8.6	-169.1	996	23	WNW	11
11	TS	12/04	3	8.6	-169.1	996	23	0	0
12	TS	12/04	9	8.8	-169.6	960	23	WNW	3
13	TS	12/04	15	9.2	-170.3	996	23	WNW	5
14	STS	12/04	21	9.0	-171.1	992	28	WNW	5
15	STS	12/05	3	9.3	-172.5	992	26	WNW	9
16	STS	12/05	9	9.1	-173.1	995	26	W	7
17	TS	12/05	15	9.5	-173.3	1000	23	W	7
18	TS	12/05	21	9.8	-174.0	1000	23	W	7
19	TS	12/06	3	9.3	-176.9	1000	21	W	10
20	TS	12/06	9	0.3	-178.8	1000	18	W	16
21	TS	12/06	15	9.0	-179.9	1000	18	W	14
22	TS	12/06	18	8.9	-179.5	-	18	W	9
23	TS	12/07	0	8.4	180.0	-	21	W	8
24	TS	12/07	6	8.1	179.3	-	21	W	8
25	TS	12/07	12	8.3	178.5	991	23	W	8
26	TS	12/08	12	7.4	176.4	991	23	W	8
27	TS	12/08	18	7.4	175.4	991	23	W	9
28	TS	12/09	0	6.6	174.6	991	23	WSW	5
29	TS	12/09	6	6.6	174.1	991	23	W	5
30	TS	12/09	12	6.6	173.9	991	23	W	2
31	TS	12/09	18	6.8	172.7	991	23	W	8
32	STS	12/10	0	6.9	171.9	987	26	W	8
33	STS	12/10	6	6.9	171.1	984	28	W	8

34	STS	12/10	12	6.9	170.8	984	28	W	4
35	T	12/10	18	6.9	169.9	976	33	W	7
36	T	12/11	0	6.7	168.9	962	41	W	7
37	T	12/11	6	6.7	168.5	954	46	W	5
38	T	12/11	12	6.9	167.9	942	51	W	6
39	T	12/11	18	7.4	166.9	937	54	WNW	8
40	T	12/12	0	7.6	166.5	937	54	WNW	8
41	T	12/12	6	7.8	165.8	927	60	WNW	8
42	T	12/12	12	8.0	165.1	927	60	WNW	7
43	T	12/12	18	8.4	164.1	927	60	WNW	9
44	T	12/13	0	8.8	162.8	937	54	WNW	9
45	T	12/13	6	8.9	161.8	948	49	WNW	9
46	T	12/13	12	9.5	160.5	937	54	WNW	14
47	T	12/13	18	10.1	159.2	927	60	WNW	14
48	T	12/14	0	10.4	157.4	927	60	WNW	16
49	T	12/14	6	10.7	155.8	927	60	WNW	16
50	T	12/14	12	11.4	154.0	920	62	WNW	17
51	T	12/14	18	12.0	152.5	920	62	WNW	16
52	T	12/15	0	12.4	150.8	898	73	WNW	17
53	T	12/15	6	12.6	149.5	898	73	WNW	13
54	T	12/15	12	13.0	148.3	898	73	WNW	12
55	T	12/15	18	13.2	147.1	903	70	WNW	12
56	T	12/16	0	13.5	146.2	920	62	WNW	9
57	T	12/16	6	13.7	145.3	914	65	WNW	3
58	T	12/16	12	13.7	144.6	914	65	W	7
59	T	12/16	18	13.7	143.9	914	65	W	7
60	T	12/17	0	13.7	143.0	920	62	W	9
61	T	12/17	6	13.7	142.1	914	65	W	9
62	T	12/17	12	13.7	141.4	892	76	W	7
63	T	12/17	18	14.0	140.7	879	80	WNW	7
64	T	12/18	0	14.3	139.7	872	83	WNW	9
65	T	12/18	6	14.6	138.9	903	70	WNW	9
66	T	12/18	12	14.9	138.2	903	70	WNW	8
67	T	12/18	18	15.2	137.2	908	68	WNW	10
68	T	12/19	0	15.3	136.3	927	60	W	9
69	T	12/19	6	15.5	135.4	927	60	WNW	9
70	T	12/19	12	16.1	135.1	927	60	NW	6
71	T	12/19	18	16.5	134.4	927	60	NW	7
72	T	12/20	0	16.7	133.6	932	57	WNW	7
73	T	12/20	6	17.1	133.4	948	49	WNW	7
74	T	12/20	12	17.8	132.9	958	44	NW	8
75	T	12/20	18	18.1	132.3	971	36	NW	8
76	STS	12/21	0	18.3	132.3	980	31	NW	2
77	STS	12/21	6	18.0	132.5	987	26	WNW	2
78	TS	12/21	12	17.4	132.2	997	18	WSW	3
79	TD	12/21	18	17.5	132.0	1000	15	W	3
80	TD	12/22	6	17.5	131.4	1000	15	W	3
81	L	12/22	18	17.5	130.8	1005	10	W	2

1997. North Atlantic Ocean

1. TC = ATL9701      Name = ANA      All Points = 15

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/30	21	31.8	-75.9	1012	15	ESE	5
2	TD	07/01	3	31.7	-76.0	1008	15	SE	5
3	TD	07/01	9	31.8	-75.5	1007	15	E	5
4	TD	07/01	15	31.8	-74.2	1007	15	E	6

5	TS	07/01	21	31.4	-73.3	1002	21	E	9
6	TS	07/02	3	31.3	-72.1	1001	21	E	9
7	TS	07/02	9	31.8	-71.5	1001	21	E	8
8	TS	07/02	15	32.2	-71.1	1002	18	ENE	7
9	TS	07/02	21	33.1	-70.2	1000	18	NE	11
10	TS	07/03	3	34.1	-69.5	1000	18	NE	10
11	TS	07/03	9	34.9	-68.8	1000	18	NE	12
12	TS	07/03	15	35.5	-68.4	1003	18	NE	9
13	TD	07/03	21	37.0	-66.7	1004	15	NE	13
14	TD	07/04	3	37.4	-65.6	1004	13	NE	13
15	TD	07/04	12	38.5	-63.5	1004	13	NE	13

2. TC = ATL97-1      Name = NO NAME      All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	W	07/04	12	15.0	-55.0	-	5	W	20
2	W	07/05	5	15.0	-60.0	-	5	W	20
3	W	07/06	17	15.0	-70.0	-	5	W	25
4	W	07/08	17	15.0	-73.0	-	5	W	20
5	W	07/09	5	15.0	-75.0	-	5	W	5

3. TC = ATL97-2      Name = NO NAME      All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/07	17	25.0	-55.0	-	5	W	20
2	L	07/08	17	25.0	-65.0	-	5	W	25
3	L	07/09	23	18.0	-70.0	-	5	SW	25

4. TC = ATL9702      Name = BILL      All Points = 15

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/09	11	26.0	-68.0	-	10	NE	10
2	L	07/10	11	26.0	-68.0	1015	10	NE	10
3	L	07/11	11	31.5	-66.5	1015	12	NE	10
4	TS	07/11	17	32.5	-68.3	1010	21	NE	15
5	TS	07/11	21	33.6	-67.3	1007	23	NE	18
6	TS	07/12	3	35.4	-65.0	1007	23	NE	19
7	TS	07/12	9	37.2	-62.1	1007	23	NE	26
8	T	07/12	15	38.5	-60.2	987	33	NE	23
9	T	07/12	21	40.6	-57.0	987	33	NE	29
10	STS	07/13	3	42.5	-53.9	991	31	NE	29
11	STS	07/13	12	44.9	-48.5	997	26	NE	25
12	L	07/14	0	48.0	-41.0	997	26	NE	28
13	L	07/14	12	50.5	-32.5	1002	21	ENE	30
14	L	07/15	0	53.5	-24.0	1002	21	ENE	30
15	L	07/16	0	59.0	-11.0	1002	21	NE	30

5. TC = ATL9703      Name = CLAUDETTE      All Points = 18

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/12	11	31.0	-74.0	-	10	N	10
2	L	07/13	5	31.5	-73.0	-	10	N	3
3	TD	07/13	12	31.7	-73.4	1011	15	N	3
4	TD	07/13	15	31.7	-73.2	1008	15	N	3
5	TS	07/13	21	32.2	-72.9	1003	21	N	3
6	TS	07/14	3	32.3	-73.3	1003	21	N	2
7	TS	07/14	9	32.8	-72.8	1003	21	N	4
8	TS	07/14	15	33.7	-72.7	1005	21	N	5
9	TS	07/14	21	34.5	-72.3	1005	21	N	7
10	TS	07/15	3	35.5	-72.0	1005	18	NNE	8
11	TD	07/15	9	35.8	-70.3	1006	15	NE	10
12	TD	07/15	15	36.3	-68.6	1009	15	ENE	13
13	TD	07/15	21	36.5	-66.0	1009	15	E	16
14	TD	07/16	3	36.7	-64.2	1009	15	E	16

15	TD	07/16	9	36.4	-61.8	1009	15	E	17
16	TD	07/16	15	36.3	-60.1	1009	15	E	16
17	TD	07/16	21	35.6	-56.7	1009	13	E	18
18	TD	07/17	6	35.1	-53.4	1008	13	E	10

6. TC = ATL9704 Name = DANNY All Points = 21

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/14	11	25.0	-90.0	1015	10	0	0
2	L	07/15	11	27.0	-90.0	1015	10	N	5
3	TD	07/16	21	27.5	-92.5	1012	15	W	15
4	TD	07/17	3	27.5	-92.5	1011	15	0	0
5	TD	07/17	9	27.8	-92.3	1011	15	0	0
6	STS	07/17	15	28.6	-90.9	1001	26	NE	4
7	STS	07/17	21	28.5	-91.0	1002	26	NE	2
8	STS	07/18	3	29.1	-89.9	996	26	NE	5
9	T	07/18	9	29.5	-89.8	989	33	NE	4
10	T	07/18	15	29.7	-89.2	990	33	NE	4
11	T	07/18	21	29.9	-88.8	989	33	NE	5
12	T	07/19	3	30.0	-88.0	984	33	ENE	5
13	T	07/19	9	30.2	-88.0	986	33	0	0
14	T	07/19	15	30.4	-87.9	986	36	NE	2
15	T	07/19	21	30.4	-87.8	987	33	NE	1
16	STS	07/20	3	30.3	-87.5	994	31	E	3
17	TS	07/20	9	30.5	-87.4	998	23	ENE	3
18	TD	07/20	15	30.8	-87.5	1001	15	NNE	2
19	TD	07/21	12	31.4	-86.5	1009	13	NNE	2
20	L	07/22	12	33.0	-84.5	-	12	NE	5
21	L	07/23	12	34.5	-83.5	-	12	NE	3

7. TC = ATL97-3 Name = NO NAME All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	W	07/16	5	15.0	-48.0	-	6	W	15
2	W	07/17	5	14.0	-52.0	-	10	WSW	15
3	TD	07/17	11	13.0	-52.0	1009	13	S	10
4	TD	07/17	21	12.8	-54.9	1008	15	W	12
5	TD	07/18	3	13.7	-55.9	1011	15	WNW	13
6	TD	07/18	15	14.7	-58.5	1013	15	WNW	13
7	TD	07/19	3	14.5	-60.7	1013	12	W	12
8	TD	07/19	9	14.6	-61.5	1013	12	W	10
9	TD	07/20	0	15.8	-64.9	1012	12	WNW	15
10	L	07/20	6	15.8	-65.0	1013	10	0	0
11	W	07/21	6	21.0	-70.0	1013	10	NW	20
12	W	07/22	6	25.0	-81.0	1013	8	NW	25
13	W	07/23	6	25.0	-82.0	0	8	W	10

8. TC = ATL97-4 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/24	11	24.0	-73.0	-	5	0	0
2	L	07/24	23	24.0	-73.0	-	5	0	0

9. TC = ATL97-5 Name = NO NAME All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	W	07/26	5	15.0	-50.0	-	5	0	0
2	W	07/26	17	15.0	-50.0	-	5	0	0
3	W	07/27	17	16.0	-51.0	-	5	W	10
4	W	07/28	11	17.0	-53.0	-	5	W	20
5	W	07/29	11	17.0	-53.0	-	5	0	0
6	W	07/30	5	16.0	-55.0	-	5	SW	15

10. TC = ATL97-6 Name = NO NAME All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	W	07/28	17	22.0	-62.5	-	5	0	0
2	W	07/29	5	20.0	-60.0	-	5	SW	10
3	W	07/29	11	18.0	-65.0	-	5	WSW	20
4	W	07/29	22	15.0	-68.0	-	5	SW	15
5	W	07/30	11	15.0	-65.0	-	5	E	15
6	W	07/31	5	18.0	-60.0	-	5	ENE	20

11. TC = ATL97-7 Name = NO NAME All Points = 8

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/30	11	28.0	-87.0	-	5	SE	10
2	L	07/31	5	26.0	-84.0	-	5	SE	15
3	L	08/01	5	24.5	-81.0	-	5	SE	15
4	L	08/02	5	24.5	-81.0	-	5	0	0
5	L	08/02	11	27.0	-87.0	-	7	NW	15
6	L	08/02	17	26.5	-87.0	-	10	S	3
7	L	08/03	5	26.5	-87.0	-	8	0	0
8	L	08/04	5	26.5	-87.0	-	5	0	0

12. TC = ATL97-8 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	W	08/02	11	18.0	-87.0	-	5	NW	10
2	W	08/03	11	20.0	-90.0	-	5	NW	10
3	W	08/03	23	23.0	-93.0	-	5	NW	15
4	W	08/04	17	23.0	-94.0	-	5	W	10

13. TC = ATL97-9 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	W	08/04	3	13.0	-64.0	-	5	0	0
2	W	08/04	15	13.0	-64.0	-	5	0	0
3	W	08/05	11	15.0	-65.0	-	5	NW	15
4	W	08/06	5	15.0	-67.0	-	5	W	10

14. TC = ATL97-10 Name = NO NAME All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	W	08/07	11	15.0	-51.0	-	5	W	15
2	W	08/08	17	15.0	-54.0	-	5	W	20
3	W	08/09	17	13.0	-55.0	-	5	SW	5
4	W	08/10	5	15.0	-60.0	-	5	NW	20
5	W	08/10	14	15.0	-62.0	-	5	W	15
6	W	08/10	23	15.0	-67.0	-	5	W	20
7	W	08/11	5	15.0	-70.0	-	5	W	20

15. TC = ATL97-11 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/10	17	32.0	-75.0	-	5	0	0
2	L	08/11	17	33.0	-74.0	-	5	NE	10

16. TC = ATL97-12 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/12	5	25.0	-90.0	-	5	0	0
2	L	08/13	5	25.0	-90.0	-	5	0	0

17. TC = ATL97-13 Name = NO NAME All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	W	08/14	17	13.0	-27.0	-	5	W	20
2	W	08/15	5	10.0	-28.0	-	5	SW	15
3	W	08/15	17	15.0	-38.0	-	5	NW	20
4	W	08/16	11	15.0	-48.0	-	5	W	20

5 W 08/17 11 15.0 -55.0 - 5 W 20  
 6 W 08/18 11 15.0 -66.0 - 5 W 20  
 7 W 08/19 5 15.0 -67.0 - 5 W 5

18. TC = ATL97-14 Name = NO NAME All Points = 18

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	W	08/20	23	15.0	-38.0	-	5	W	15
2	W	08/21	23	15.0	-40.0	-	5	W	15
3	W	08/22	17	15.0	-42.0	-	5	W	15
4	W	08/23	11	15.0	-43.0	-	5	W	15
5	W	08/24	11	15.0	-44.0	-	5	W	10
6	W	08/25	11	15.0	-45.0	-	5	W	10
7	W	08/26	11	15.0	-46.0	-	5	W	10
8	W	08/27	11	15.0	-46.5	-	5	W	5
9	W	08/28	11	15.0	-46.5	-	5	0	0
10	W	08/29	11	15.0	-47.0	-	5	W	5
11	L	08/30	11	15.0	-47.5	-	5	W	3
12	L	08/31	11	15.0	-47.5	-	5	0	0
13	L	09/01	11	15.0	-48.0	-	5	W	5
14	L	09/01	17	15.0	-50.0	-	5	W	15
15	W	09/02	5	15.0	-53.0	-	5	W	15
16	W	09/02	17	15.0	-58.0	-	5	W	15
17	W	09/03	11	15.0	-65.0	-	5	W	20
18	W	09/04	11	15.0	-70.0	-	5	W	20

19. TC = ATL97-15 Name = NO NAME All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	W	08/20	23	16.0	-24.0	-	5	W	15
2	W	08/21	5	16.0	-24.5	-	5	W	5
3	W	08/22	23	16.0	-24.5	-	5	0	0
4	W	08/23	5	16.0	-24.5	-	5	0	0
5	W	08/24	17	16.0	-25.0	-	5	W	5
6	W	08/25	11	16.0	-26.0	-	5	W	10

20. TC = ATL97-16 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	W	08/22	17	15.0	-48.0	-	5	W	10
2	W	08/23	17	15.0	-54.0	-	5	W	15
3	W	08/24	11	15.0	-60.0	-	5	W	20
4	W	08/25	11	15.0	-65.0	-	5	W	20
5	W	08/26	5	15.0	-66.0	-	5	W	10

21. TC = ATL97-17 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/24	11	32.0	-50.0	-	5	0	0
2	L	08/24	23	30.0	-55.0	-	5	WSW	5
3	L	08/25	11	30.0	-55.0	-	5	0	0

22. TC = ATL97-18 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	W	08/25	23	16.0	-24.0	-	5	W	15
2	W	08/26	23	15.0	-36.0	-	5	W	20
3	W	08/27	5	15.0	-42.0	-	5	W	20

23. TC = ATL97-19 Name = NO NAME All Points = 8

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/26	11	27.0	-75.0	-	5	E	10
2	L	08/27	5	25.0	-68.0	-	5	SE	15
3	L	08/28	11	24.0	-75.0	-	5	WSW	20
4	L	08/29	11	24.0	-77.0	-	5	W	15

5 L 08/30 11 20.0 -80.0 - 5 SW 15  
 6 L 08/31 11 20.0 -80.0 - 5 0 0  
 7 L 09/01 11 22.0 -83.0 - 5 NW 15  
 8 L 09/02 17 23.0 -85.0 - 5 NW 10

24. TC = ATL97-20 Name = NO NAME All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	W	08/27	11	16.0	-24.0	-	5	W	15
2	W	08/28	11	16.0	-26.0	-	5	W	10
3	W	08/29	11	18.0	-25.0	-	5	NNE	10
4	W	08/30	5	18.0	-25.0	-	5	0	0
5	W	08/31	11	10.0	-28.0	-	5	SW	20
6	W	09/01	11	10.0	-30.0	-	5	W	10
7	W	09/02	5	10.0	-31.0	-	5	W	10

25. TC = ATL97-21 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/02	5	31.0	-73.0	-	8	W	15
2	L	09/03	5	32.0	-70.0	-	8	NE	15
3	L	09/04	5	33.0	-65.0	-	7	ENE	15

26. TC = ATL9705 Name = ERIKA All Points = 51

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/02	11	15.0	-38.0	1009	7	W	15
2	L	09/02	23	13.0	-42.0	1009	10	W	15
3	TD	09/03	9	10.7	-44.4	1007	15	W	14
4	TD	09/03	15	11.7	-46.3	1005	15	WNW	15
5	TS	09/03	21	12.6	-48.2	1004	18	WNW	16
6	TS	09/04	3	14.2	-49.1	1000	23	NW	17
7	STS	09/04	9	14.8	-50.0	997	26	NW	15
8	STS	09/04	15	15.0	-53.0	997	26	WNW	16
9	STS	09/04	21	15.5	-55.0	997	26	WNW	18
10	STS	09/05	3	16.0	-56.3	997	26	WNW	16
11	STS	09/05	9	16.2	-57.8	994	28	WNW	15
12	T	09/05	15	16.7	-58.0	987	33	WNW	11
13	T	09/05	21	17.1	-59.0	987	33	WNW	11
14	T	09/06	3	17.7	-59.6	987	33	WNW	10
15	T	09/06	9	18.3	-60.6	983	36	WNW	10
16	T	09/06	15	18.9	-61.5	980	38	WNW	10
17	T	09/06	21	19.5	-62.4	980	38	WNW	9
18	T	09/07	3	19.6	-62.8	980	38	WNW	6
19	T	09/07	9	19.9	-63.3	980	38	WNW	6
20	T	09/07	15	20.2	-63.2	980	38	WNW	6
21	T	09/07	21	21.0	-63.4	970	46	NNW	5
22	T	09/08	3	21.5	-63.3	965	49	N	6
23	T	09/08	9	22.3	-63.2	960	51	N	6
24	T	09/08	15	22.7	-62.9	955	54	N	6
25	T	09/08	21	23.6	-62.4	951	57	NNE	8
26	T	09/09	3	24.6	-61.6	946	57	NNE	10
27	T	09/09	15	27.2	-60.4	946	57	NNE	13
28	T	09/09	21	28.6	-59.8	951	57	NNE	14
29	T	09/10	3	30.1	-59.2	955	54	NNE	15
30	T	09/10	9	31.2	-58.4	960	51	NNE	14
31	T	09/10	15	33.2	-58.3	965	49	NNE	14
32	T	09/10	21	34.5	-57.5	970	46	NNE	15
33	T	09/11	3	35.6	-55.7	976	41	NE	16
34	T	09/11	9	36.2	-54.6	983	36	NE	14
35	T	09/11	15	37.0	-52.7	987	33	NE	16
36	T	09/11	21	37.7	-51.5	987	33	ENE	15
37	STS	09/12	3	37.8	-48.9	990	31	ENE	17

38	STS	09/12	9	38.2	-46.1	994	28	ENE	20
39	STS	09/12	15	38.5	-44.8	1000	26	E	15
40	STS	09/12	21	39.6	-43.7	1000	26	ENE	15
41	TS	09/13	3	39.4	-43.5	1000	23	ENE	12
42	TS	09/13	15	38.3	-41.9	1000	23	ESE	8
43	TS	09/13	21	37.9	-40.9	1000	23	ESE	9
44	STS	09/14	3	37.6	-39.4	997	26	E	10
45	STS	09/14	9	37.6	-38.7	997	26	E	10
46	STS	09/14	15	37.5	-37.3	994	28	E	9
47	STS	09/14	21	38.1	-36.1	994	28	ENE	10
48	STS	09/15	3	38.3	-34.3	994	28	ENE	11
49	STS	09/15	9	39.0	-33.6	994	28	ENE	12
50	STS	09/15	15	40.0	-30.9	997	26	ENE	15
51	L	09/15	21	41.4	-29.2	997	26	NE	14

27. TC = ATL97-22 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/03	11	23.0	-93.0	-	5	SW	5
2	L	09/04	5	22.0	-94.0	-	5	SW	10
3	L	09/04	23	22.0	-94.0	-	5	0	0

28. TC = ATL97-23 Name = NO NAME All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	W	09/06	17	15.0	-40.0	-	5	W	15
2	W	09/07	11	15.0	-42.0	-	5	W	10
3	W	09/08	5	15.0	-46.0	-	5	W	20
4	W	09/09	11	15.0	-49.0	-	7	W	15
5	W	09/10	5	15.0	-52.0	-	7	W	15
6	W	09/11	5	15.0	-54.0	-	5	W	15
7	W	09/12	5	16.0	-57.0	-	5	W	15
8	W	09/13	5	16.0	-61.0	-	5	W	15
9	W	09/14	5	16.0	-63.0	-	5	W	10
10	W	09/15	5	16.0	-65.0	-	5	W	10
11	W	09/16	5	15.0	-67.0	-	5	SW	10

29. TC = ATL97-24 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/08	11	25.0	-93.0	-	5	W	10
2	L	09/09	11	23.0	-92.0	-	5	SE	10
3	L	09/10	5	23.0	-95.0	-	5	W	15
4	L	09/11	5	23.0	-96.0	-	5	W	10

30. TC = ATL97-25 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/16	11	23.0	-75.0	-	5	W	10
2	L	09/17	11	22.0	-76.0	-	5	SW	5
3	L	09/18	5	20.0	-78.0	-	5	SW	10
4	L	09/19	5	20.0	-78.0	-	5	0	0
5	L	09/20	23	23.0	-80.0	-	5	NW	10

31. TC = ATL97-26 Name = NO NAME All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	W	09/16	17	15.0	-40.0	-	5	W	10
2	W	09/17	5	15.0	-42.0	-	5	W	10
3	W	09/18	5	15.0	-46.0	-	5	W	15
4	W	09/19	5	15.0	-52.0	-	5	W	20
5	W	09/20	5	15.0	-58.0	-	5	W	20
6	W	09/21	5	15.0	-61.0	-	5	W	15
7	L	09/22	5	15.0	-64.0	-	5	W	15
8	L	09/23	5	15.0	-66.0	-	5	W	10

9	L	09/24	5	15.0	-71.0	-	5	W	15
10	L	09/25	5	15.0	-73.0	-	5	W	10
11	L	09/26	5	16.0	-76.0	-	5	WNW	10
12	L	09/27	5	23.0	-85.0	-	5	NW	20
13	L	09/28	5	25.0	-85.0	-	5	N	10

32. TC = ATL97-27 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/20	11	23.0	-75.0	-	5	E	10
2	L	09/21	11	23.0	-71.0	-	5	E	15

33. TC = ATL97-28 Name = NO NAME All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	W	09/22	17	15.0	-40.0	-	5	W	20
2	W	09/23	5	17.0	-43.0	-	5	WNW	17
3	W	09/24	23	17.0	-47.0	-	5	W	25
4	W	09/25	5	16.0	-49.0	-	5	SW	10
5	W	09/26	5	15.0	-50.0	-	5	SW	10
6	W	09/27	5	15.0	-56.0	-	5	W	20
7	W	09/28	5	15.0	-59.0	-	5	W	15
8	W	09/29	5	15.0	-60.0	-	5	W	10
9	L	09/29	11	15.0	-61.0	-	5	W	10
10	L	09/30	5	15.0	-62.0	-	5	W	5
11	L	09/30	23	15.0	-62.0	-	5	0	0

34. TC = ATL97-29 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/28	11	15.0	-80.0	-	5	W	10
2	L	09/29	5	16.0	-81.0	-	5	NW	5
3	L	09/30	5	17.0	-82.0	-	5	NW	5

35. TC = ATL97-30 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	10/03	11	20.0	-65.0	-	5	W	15
2	L	10/04	5	20.0	-67.0	-	5	W	15
3	L	10/05	5	19.0	-65.0	-	5	SE	10

36. TC = ATL97-31 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	10/03	11	32.0	-35.0	-	5	NE	5
2	L	10/04	5	33.0	-32.0	-	5	NE	10
3	L	10/05	5	33.0	-32.0	-	5	0	0
4	L	10/06	5	34.0	-30.0	-	5	NE	10

37. TC = ATL97-32 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	10/03	11	12.0	-35.0	-	5	W	15
2	L	10/04	5	13.0	-40.0	-	5	NW	20
3	L	10/05	5	15.0	-42.0	-	5	NW	20
4	L	10/06	5	15.0	-45.0	-	5	W	15

38. TC = ATL97-33 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	10/03	17	19.0	-82.0	-	5	W	10
2	L	10/04	5	19.0	-85.0	-	5	W	15
3	L	10/05	5	18.0	-87.0	-	5	WSW	15

39. TC = ATL9706 Name = FABIAN All Points = 10

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	10/05	11	28.0	-52.0	-	7	N	5

2	L	10/06	5	29.0	-52.5	-	7	N	5
3	L	10/06	23	31.0	-48.0	-	7	NE	15
4	TD	10/07	15	29.7	-56.0	1007	15	NE	12
5	TD	10/07	21	29.0	-55.5	1006	15	E	8
6	TD	10/08	3	28.7	-54.4	1006	15	E	10
7	TD	10/08	9	28.3	-52.6	1006	15	E	13
8	TS	10/08	15	28.8	-50.7	1003	21	E	17
9	TS	10/08	21	29.6	-47.5	1005	18	ENE	25
10	L	10/09	12	31.0	-43.4	1005	18	ENE	25

40. TC = ATL9707 Name = GRACE All Points = 15

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	10/08	11	16.0	-75.0	-	5	0	0
2	L	10/09	11	16.0	-75.0	-	5	0	0
3	L	10/10	5	17.0	-73.0	-	5	NE	5
4	L	10/11	5	17.0	-73.0	-	5	0	0
5	L	10/12	5	17.0	-71.0	-	5	E	10
6	L	10/13	5	17.0	-70.0	-	7	E	5
7	L	10/14	5	18.0	-70.0	-	7	N	5
8	L	10/15	5	19.0	-65.0	1009	10	ENE	15
9	TS	10/16	11	22.6	-57.5	999	23	ENE	30
10	TS	10/16	15	22.6	-57.5	1005	21	ENE	25
11	TS	10/16	21	23.8	-54.9	1005	21	ENE	25
12	TS	10/17	3	24.5	-52.0	1005	21	ENE	26
13	TS	10/17	9	24.8	-48.6	1005	21	ENE	28
14	TD	10/17	15	24.6	-45.9	1009	15	E	27
15	L	10/18	0	24.8	-41.5	1009	15	E	27

41. TC = ATL97-34 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	10/14	11	19.0	-80.0	-	5	0	0
2	L	10/14	23	19.0	-80.0	-	5	0	0

42. TC = ATL97-35 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	W	10/16	11	15.0	-50.0	-	5	W	10
2	W	10/17	5	15.0	-52.0	-	5	W	10
3	W	10/18	5	15.0	-55.0	-	5	W	10

43. TC = ATL97-36 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	11/19	11	17.0	-85.0	-	5	S	10
2	L	11/20	11	13.0	-85.0	-	5	S	15
3	L	11/21	11	13.0	-80.0	-	5	E	15
4	L	11/22	5	14.0	-82.0	-	5	NW	10
5	L	11/23	5	15.0	-80.0	-	5	NE	10

## 1997. North Indian Ocean

1. TC = NIN9701 Name = 01 B All Points = 26

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/13	6	5.5	89.7	1004	5	ENE	10
2	L	05/14	8	4.4	91.5	1004	8	SE	8
3	L	05/14	18	5.1	90.9	1002	12	NW	6
4	TS	05/15	0	5.9	90.8	991	23	NW	6
5	TS	05/15	6	7.2	89.8	991	23	NW	9
6	STS	05/15	12	8.9	89.6	987	26	NNW	10

7	STS	05/15	18	9.0	89.6	987	26	NNW	4
8	STS	05/16	0	8.8	90.5	987	26	N	2
9	STS	05/16	6	9.4	90.8	987	26	NNE	4
10	STS	05/16	12	10.4	91.4	987	26	NNE	8
11	STS	05/16	18	11.8	92.0	980	31	NNE	13
12	T	05/17	0	13.1	92.0	976	33	N	13
13	T	05/17	6	13.6	91.4	976	33	N	10
14	T	05/17	12	14.7	90.7	976	33	NNW	12
15	T	05/17	18	15.0	90.4	966	38	NW	7
16	T	05/18	0	16.1	90.2	954	46	N	10
17	T	05/18	6	17.2	90.2	954	46	N	10
18	T	05/18	12	18.3	90.5	954	46	N	11
19	T	05/18	18	19.4	90.5	942	54	N	11
20	T	05/19	0	20.3	90.4	932	57	N	9
21	T	05/19	6	21.1	91.1	927	60	NNE	9
22	T	05/19	12	22.0	91.5	927	60	NNE	10
23	T	05/19	18	23.2	92.3	954	46	NNE	13
24	T	05/20	0	25.5	94.1	976	33	NE	28
25	TS	05/20	12	27.8	96.2	997	18	NE	15
26	L	05/21	0	29.7	97.9	1004	10	NE	5

2. TC = NIN97-1 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/15	18	5.5	91.0	1004	5	0	0
2	L	05/16	6	5.5	91.0	1004	5	0	0

3. TC = NIN97-2 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/06	18	18.9	92.1	1008	5	0	0
2	L	06/07	18	18.9	92.1	1008	5	0	0

4. TC = NIN97-3 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/20	18	21.3	68.4	996	7	0	0
2	L	06/22	18	21.3	68.4	996	7	0	0
3	L	06/23	18	21.3	68.4	996	7	0	0

5. TC = NIN97-4 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Lon	Pres	Wind	Shift	Vel
1	L	06/25	9	19.0	88.6	1004	7	NW	5
2	L	06/26	18	21.3	87.5	1004	8	NW	5
3	L	06/27	18	21.3	87.5	1004	5	NW	3

6. TC = NIN97-5 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/01	21	20.2	60.6	996	8	0	0
2	L	07/02	18	20.2	60.6	996	8	0	0

7. TC = NIN97-6 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/28	18	17.8	91.0	1004	7	0	0
2	L	07/29	18	17.8	91.0	1004	7	0	0

8. TC = NIN97-7 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/04	18	21.3	87.5	998	13	0	0
2	TD	08/05	18	21.3	87.5	998	13	0	0







12	TS	02/22	6	-19.5	113.9	994	21	W	7
13	TS	02/22	18	-19.5	113.5	994	21	WSW	4
14	TS	02/23	0	-19.7	112.8	994	21	WSW	4
15	TS	02/23	6	-21.0	112.3	994	21	SSW	12
16	TS	02/23	12	-22.2	111.8	994	21	SSW	10
17	TS	02/23	18	-22.4	111.0	994	21	SW	10
18	TS	02/24	0	-22.3	110.7	991	23	SSW	7
19	TS	02/24	12	-23.3	109.8	994	21	SW	8
20	TD	02/25	0	-23.8	108.7	1002	13	SW	7
21	TD	02/25	12	-25.0	107.8	1004	13	SSW	7
11. TC = SIN97-1 Name = NO NAME All Points = 2									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	02/26	6	-20.7	115.7	1005	10	SW	10
2	L	02/27	6	-24.0	102.4	1005	10	SW	15
12. TC = SIN9711 Name = LISETTE All Points = 9									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/27	0	-19.0	40.0	1000	15	S	1
2	TS	02/27	6	-19.7	40.0	997	18	S	4
3	STS	02/28	6	-21.0	40.5	980	31	S	3
4	STS	02/28	18	-20.7	39.0	980	31	S	5
5	STS	03/01	6	-20.9	37.8	980	31	S	6
6	T	03/01	18	-20.5	36.6	968	38	W	6
7	STS	03/02	6	-18.5	35.4	980	31	S	6
8	TS	03/02	18	-18.6	33.5	997	18	WNW	9
9	TD	03/03	6	-17.7	32.1	1002	13	NW	5
13. TC = SIN97-2 Name = NO NAME All Points = 3									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	03/12	18	-15.6	65.1	1009	5	SW	3
2	L	03/13	18	-19.0	62.8	1009	8	SW	10
3	L	03/14	18	-19.0	62.8	1009	7	0	0
14. TC = SIN97-3 Name = NO NAME All Points = 3									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	03/19	6	-11.2	83.1	1008	5	W	5
2	L	03/19	18	-11.2	79.6	1008	5	W	15
3	L	03/20	18	-10.1	72.9	1008	5	W	20
15. TC = SIN97-4 Name = NO NAME All Points = 4									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	03/21	18	-11.2	58.3	1008	5	0	0
2	L	03/22	18	-11.2	58.3	1008	5	0	0
3	L	03/23	18	-8.8	54.9	1007	5	WNW	17
4	L	03/24	18	-8.8	54.9	1007	5	0	0
16. TC = SIN97-5 Name = NO NAME All Points = 2									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	03/26	6	-14.5	83.1	1008	7	0	0
2	L	03/26	18	-14.5	83.0	1008	7	0	0
17. TC = SIN97-6 Name = NO NAME All Points = 2									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	03/26	18	-5.5	70.7	1008	5	0	0
2	L	03/27	12	-5.5	70.7	1008	5	0	0
18. TC = SIN97-7 Name = NO NAME All Points = 2									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	04/01	18	-6.6	52.8	1007	7	0	0
2 L 04/02 18 -6.6 52.8 1007 7 0 0									
19. TC = SIN97-8 Name = NO NAME All Points = 2									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	04/19	18	-10.1	90.9	1008	5	0	0
2	L	04/20	18	-10.1	90.9	1010	5	0	0
20. TC = SIN97-9 Name = NO NAME All Points = 2									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	04/26	0	-6.6	80.8	1008	5	0	0
2	L	04/26	18	-6.6	80.8	1008	5	0	0
21. TC = SIN97-10 Name = NO NAME All Points = 5									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/01	18	-10.1	68.4	1008	5	N	10
2	L	05/02	18	-7.7	68.4	1008	5	N	15
3	L	05/03	18	-7.7	67.3	1008	5	W	5
4	L	05/04	18	-5.5	68.4	1008	5	NNE	10
5	L	05/05	18	-6.6	63.9	1008	5	W	10
22. TC = SIN97-11 Name = NO NAME All Points = 2									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/02	0	-10.1	85.3	1008	5	0	0
2	L	05/03	18	-10.1	84.2	1008	5	W	5
23. TC = SIN97-12 Name = NO NAME All Points = 2									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/02	0	-10.1	93.2	1008	5	0	0
2	L	05/03	18	-10.1	93.2	1008	5	0	0
24. TC = SIN97-13 Name = NO NAME All Points = 3									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/03	18	-8.8	80.8	1005	7	0	0
2	L	05/04	18	-8.8	80.8	1005	7	0	0
3	L	05/05	18	-8.8	80.8	1005	7	0	0
25. TC = SIN9712 Name = RHONDA All Points = 21									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/08	5	-9.9	82.0	1007	5	0	0
2	L	05/08	12	-9.9	82.0	1007	7	0	0
3	L	05/09	18	-12.3	83.1	1006	8	SSE	10
4	L	05/10	3	-12.1	84.4	1002	12	ESE	12
5	TD	05/10	12	-12.4	85.9	1000	15	ESE	7
6	TS	05/11	0	-11.5	90.2	991	23	E	13
7	TS	05/11	6	-11.5	90.8	991	23	E	9
8	TS	05/11	12	-11.8	90.8	991	23	SE	4
9	TS	05/11	18	-12.1	91.6	991	23	ESE	5
10	STS	05/12	0	-11.9	91.7	987	26	ESE	4
11	STS	05/12	6	-12.3	92.1	984	28	SE	5
12	T	05/12	12	-12.6	92.4	976	33	SE	4
13	T	05/13	0	-13.2	93.3	972	36	ESE	6
14	T	05/13	12	-13.9	93.9	967	38	SE	5
15	T	05/14	0	-15.3	95.9	948	49	SE	12
16	T	05/14	12	-17.4	98.4	944	51	SE	17
17	T	05/15	0	-19.1	100.2	976	33	SE	13
18	STS	05/15	12	-20.6	103.4	980	31	ESE	18
19	TS	05/16	0	-23.1	107.6	991	23	SE	22
20	TS	05/16	12	-25.1	110.0	997	18	SE	14
21	TD	05/17	0	-27.1	112.6	1000	15	SE	5

26. TC = SIN97-14 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/11	12	-6.6	64.0	1008	5	0	0
2	L	05/12	0	-6.6	64.0	1008	5	0	0

27. TC = SIN97-15 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/28	6	-7.7	82.0	1006	5	0	0
2	L	06/29	18	-7.7	82.0	1006	5	0	0

28. TC = SIN9713 Name = LINDSAY All Points = 15

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/19	18	-4.4	78.4	1005	10	SSW	5
2	TD	07/20	6	-6.1	76.6	1005	13	SSW	5
3	TD	07/20	12	-6.2	76.8	1000	15	SW	4
4	TD	07/20	18	-6.5	76.6	1000	15	SW	4
5	TD	07/21	0	-6.7	76.2	1000	15	WSW	4
6	TS	07/21	6	-7.1	75.8	991	23	SW	6
7	TS	07/21	12	-7.7	75.6	991	23	SW	6
8	TS	07/21	18	-8.0	75.3	991	23	SW	6
9	TS	07/22	0	-8.3	75.1	991	23	SW	4
10	TS	07/22	6	-8.7	75.8	991	23	S	4
11	TS	07/22	18	-9.2	75.4	991	23	SW	4
12	TS	07/23	6	-9.4	74.2	994	21	WSW	6
13	TS	07/23	18	-9.7	73.8	994	21	W	4
14	TD	07/24	6	-9.6	72.8	1000	15	W	5
15	TD	07/24	12	-9.5	72.3	1000	15	W	5

29. TC = SIN97-16 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/20	18	-4.4	78.4	1008	5	0	0
2	L	07/21	6	-4.4	78.4	1008	5	0	0

30. TC = SIN97-17 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	10/04	18	-4.4	48.2	1012	5	W	10
2	L	10/05	18	-4.4	44.8	1012	5	W	15

31. TC = SIN97-18 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	10/11	18	-3.3	53.8	1010	7	0	0
2	L	10/12	18	-3.3	53.8	1010	7	0	0
3	L	10/13	18	-3.3	53.8	1012	5	0	0

32. TC = SIN97-19 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	12/12	6	-12.3	54.9	1010	7	0	0
2	L	12/13	18	-12.3	54.9	1010	5	0	0

33. TC = SIN97-20 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	12/17	18	-12.3	119.1	1006	5	0	0
2	L	12/18	18	-11.3	118.1	1005	5	NW	10
3	L	12/19	18	-11.2	118.0	1006	5	0	0

34. TC = SIN9714 Name = SID All Points = 14

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	12/25	1	-11.2	128.1	1010	10	0	0
2	L	12/25	18	-12.2	130.4	1004	8	SE	10

3	TD	12/26	0	-11.2	132.1	1000	15	ENE	10
4	TS	12/26	6	-11.0	132.6	997	18	E	3
5	TS	12/26	12	-11.2	133.3	994	21	E	5
6	TS	12/26	18	-11.5	134.8	997	18	ESE	8
7	TS	12/27	0	-11.9	135.3	997	18	ESE	12
8	TS	12/27	6	-12.4	136.8	992	21	SSE	8
9	TS	12/27	12	-13.3	136.7	990	21	SSE	8
10	TS	12/27	18	-14.2	137.4	988	23	SSE	9
11	TS	12/28	0	-15.5	138.4	988	23	S	11
12	TS	12/28	6	-15.9	138.7	992	21	SSE	12
13	TS	12/28	12	-18.1	138.0	997	18	S	15
14	TD	12/28	18	-19.2	138.0	998	15	S	10

35. TC = SIN9715 Name = SELWYN All Points = 17

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	12/26	0	-12.3	110.2	1008	7	0	0
2	L	12/26	6	-12.3	112.4	1006	7	SSE	4
3	TD	12/26	12	-13.4	112.4	1006	13	S	4
4	TS	12/27	0	-14.6	110.8	1000	18	SW	8
5	TS	12/27	6	-15.0	110.0	995	21	SE	12
6	TS	12/27	12	-15.2	109.9	995	21	SW	6
7	STS	12/27	18	-15.1	109.5	987	26	WSW	4
8	STS	12/28	0	-15.5	109.0	980	31	WSW	5
9	STS	12/28	12	-16.3	107.9	975	31	WSW	6
10	STS	12/29	0	-17.6	107.0	975	31	SSW	8
11	T	12/29	12	-18.1	104.1	970	33	SSW	13
12	STS	12/29	18	-17.7	104.5	976	28	W	6
13	TS	12/30	0	-17.1	103.0	982	23	WNW	9
14	TS	12/30	12	-16.4	101.1	990	23	WNW	10
15	TS	12/31	0	-16.4	100.0	994	18	W	7
16	TS	12/31	12	-16.3	98.4	998	18	W	8
17	TD	01/01	0	-16.3	96.2	1000	15	W	10

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1. TC = SWP9701 Name = DRENA All Points = 18

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/02	0	-14.3	167.0	1000	15	SW	10
2	TS	01/03	0	-14.3	166.5	997	18	SW	11
3	TS	01/03	12	-14.9	164.9	997	18	WSW	8
4	T	01/04	0	-15.0	161.9	976	33	W	12
5	T	01/04	12	-15.0	160.1	963	41	W	9
6	T	01/05	0	-15.2	159.4	948	49	SW	4
7	T	01/05	12	-15.9	159.0	927	60	SSW	4
8	T	01/06	0	-16.6	158.6	922	62	SW	14
9	T	01/06	12	-17.5	159.4	933	57	SE	7
10	T	01/07	0	-18.5	161.2	938	54	ESE	11
11	T	01/07	12	-20.2	162.8	943	51	SSE	14
12	T	01/08	0	-22.0	165.4	954	46	SE	14
13	T	01/08	12	-24.0	167.0	967	38	SSE	15
14	STS	01/09	0	-27.3	167.9	984	28	S	16
15	STS	01/09	12	-31.2	169.9	984	28	SSE	23
16	L	01/10	0	-33.9	169.8	987	26	S	19
17	L	01/10	12	-36.6	171.1	991	23	SSE	15
18	L	01/11	0	-39.3	172.7	991	23	SSE	15





15. TC = SWP97-4	Name = NO NAME	All Points = 4	20. TC = SWP97-6	Name = NO NAME	All Points = 2
N Stage Date Time Lat Long Pres Wind Shift Vel	N Stage Date Time Lat Long Pres Wind Shift Vel		N Stage Date Time Lat Long Pres Wind Shift Vel		
1 L 04/18 0 -12.3 169.6 1008 5 0 0	1 L 07/16 6 -5.5 157.3 1008 5 NE 15		2 L 07/17 6 -3.3 158.4 1008 5 NE 15		
2 L 04/19 0 -12.3 169.6 1008 5 0 0			21. TC = SWP97-7	Name = NO NAME	All Points = 2
3 L 04/20 0 -14.5 175.3 1006 5 ESE 15			N Stage Date Time Lat Long Pres Wind Shift Vel		
4 L 04/21 0 -15.6 175.3 1006 5 S 5			1 L 08/17 6 -4.4 176.4 1006 5 0 0		
16. TC = SWP97-5	Name = NO NAME	All Points = 2	2 L 08/18 6 -4.4 176.4 1006 5 0 0		
N Stage Date Time Lat Long Pres Wind Shift Vel			22. TC = SWP97-8	Name = NO NAME	All Points = 2
1 L 04/25 0 -5.5 156.2 1008 5 0 0			N Stage Date Time Lat Long Pres Wind Shift Vel		
2 L 04/25 18 -5.5 156.2 1008 5 0 0			1 L 08/20 1 -8.8 176.4 1006 5 NE 15		
17. TC = SWP9712	Name = YUNE	All Points = 19	2 L 08/21 6 -6.6 168.5 1006 5 NW 15		
N Stage Date Time Lat Long Pres Wind Shift Vel			23. TC = SWP97-9	Name = NO NAME	All Points = 4
1 L 04/26 22 -10.1 168.5 1007 10 0 0			N Stage Date Time Lat Long Pres Wind Shift Vel		
2 L 04/27 22 -10.1 168.5 1007 10 0 0			1 L 09/04 6 -5.5 165.2 1010 5 W 5		
3 L 04/28 6 -5.5 166.3 1007 10 NNW 10			2 L 09/04 19 -5.5 164.1 1007 8 W 7		
4 L 04/29 6 -6.6 170.8 1007 7 ESE 8			3 L 09/05 6 -7.7 161.8 1007 8 SW 10		
5 L 04/30 6 -8.8 169.6 1007 7 SSW 8			4 L 09/05 18 -11.2 159.5 1006 5 SSW 15		
6 L 05/01 6 -10.1 170.8 1007 7 SE 7			24. TC = SWP97-10	Name = NO NAME	All Points = 7
7 L 05/01 15 -13.4 173.1 1005 10 SE 10			N Stage Date Time Lat Long Pres Wind Shift Vel		
8 TD 05/02 6 -12.9 172.7 1002 13 E 6			1 L 09/08 6 -9.9 168.5 1005 8 NE 5		
9 TS 05/02 18 -13.3 173.0 991 23 SSE 4			2 L 09/09 6 -8.4 169.5 1007 5 NE 5		
10 STS 05/03 6 -14.0 175.6 987 26 ESE 10			3 L 09/10 6 -9.9 170.8 1007 5 SE 5		
11 STS 05/03 12 -14.3 176.0 987 26 SE 5			4 L 09/11 6 -8.8 170.8 1005 5 N 7		
12 STS 05/03 18 -15.1 176.0 984 28 SSE 6			5 L 09/12 6 -7.7 173.1 1004 8 NE 10		
13 STS 05/04 6 -16.2 176.9 984 28 SE 9			6 L 09/13 6 -9.9 175.3 1006 5 SE 10		
14 STS 05/04 12 -16.4 177.5 984 28 ESE 8			7 L 09/14 6 -9.9 175.3 1006 5 0 0		
15 STS 05/04 18 -16.4 177.0 987 26 SSE 3			25. TC = SWP9715	Name = LUSI	All Points = 13
16 TS 05/05 0 -16.8 176.8 994 21 SSW 4			N Stage Date Time Lat Long Pres Wind Shift Vel		
17 TS 05/05 6 -17.7 176.6 997 18 SSW 8			1 L 10/05 18 -10.1 173.1 1007 5 0 0		
18 TS 05/05 18 -18.4 175.0 997 18 SW 13			2 L 10/06 18 -10.1 173.1 1007 5 0 0		
19 TD 05/06 6 -18.6 173.2 1000 15 WSW 10			3 L 10/07 6 -8.8 175.4 1009 5 NE 10		
18. TC = SWP9713	Name = NO NAME	All Points = 6	4 TD 10/08 6 -8.8 170.8 1002 13 W 15		
N Stage Date Time Lat Long Pres Wind Shift Vel			5 TD 10/08 18 -6.7 168.6 1000 15 WSW 5		
1 L 05/27 0 -13.4 170.8 1006 10 0 0			6 TS 10/09 6 -8.2 169.0 997 18 SSE 4		
2 TD 05/28 0 -14.3 167.3 1002 13 WSW 6			7 TS 10/09 18 -9.4 170.7 991 23 SE 10		
3 TD 05/28 6 -14.3 167.3 1000 15 0 0			8 STS 10/10 6 -13.2 171.7 984 28 S 18		
4 TS 05/29 6 -16.7 168.1 997 18 SSE 8			9 STS 10/10 18 -16.0 172.8 984 28 SSE 16		
5 TS 05/29 18 -18.0 170.0 997 18 SE 12			10 STS 10/11 6 -17.9 174.3 987 26 SE 13		
6 TD 05/30 6 -18.9 172.3 1002 13 SE 11			11 STS 10/11 18 -19.2 176.7 987 26 SE 11		
19. TC = SWP9714	Name = KELI	All Points = 15	12 TS 10/12 6 -23.8 177.9 991 23 SSE 25		
N Stage Date Time Lat Long Pres Wind Shift Vel			13 L 10/12 18 -28.1 179.6 991 23 SSE 25		
1 L 06/08 21 -7.0 -174.0 1004 8 0 0			26. TC = SWP9716	Name = NO NAME	All Points = 10
2 L 06/09 11 -7.2 -174.0 1002 10 0 0			N Stage Date Time Lat Long Pres Wind Shift Vel		
3 TS 06/10 0 -9.0 -177.5 997 18 WSW 22			1 L 10/22 6 -7.7 -179.7 1007 5 0 0		
4 STS 06/10 12 -10.2 -178.7 987 26 SW 9			2 L 10/23 6 -7.7 -179.7 1007 5 0 0		
5 T 06/11 0 -11.0 179.8 976 33 SW 7			3 L 10/24 6 -11.2 178.6 1007 5 SW 10		
6 T 06/11 12 -10.5 178.5 976 33 W 6			4 L 10/25 6 -12.3 177.5 1006 8 SW 7		
7 T 06/12 0 -10.2 179.1 954 46 ENE 3			5 TD 10/25 23 -13.4 173.1 1002 13 SW 10		
8 T 06/12 12 -11.3 -179.0 927 60 SE 10			6 TD 10/26 6 -13.4 177.5 1002 13 E 15		
9 T 06/13 0 -12.8 -177.1 938 54 SE 13			7 TS 10/26 12 -12.8 174.5 997 18 SW 3		
10 T 06/13 12 -15.0 -175.5 963 41 SE 9			8 TS 10/27 0 -13.5 173.5 997 18 SW 5		
11 STS 06/14 0 -16.0 -173.2 980 31 ESE 13			9 TS 10/27 12 -13.2 175.5 997 18 SSW 3		
12 STS 06/14 12 -16.2 -170.8 980 31 ESE 16			10 TD 10/28 0 -14.9 176.0 1002 13 S 6		
13 TS 06/15 0 -19.0 -166.4 994 21 ESE 24					
14 TS 06/15 12 -19.7 -161.3 997 18 ESE 25					
15 TD 06/16 0 -20.5 -159.0 1000 15 ESE 15					

