

1988. Chronology

The 75 tropical cyclones and 39 tropical disturbances were recorded in the Word Ocean

1. Northwest Pacific Ocean — 31 TC, 16 TD, 20 L

N	Number	Name	Lat	Long	Dates	Max Stage
1	8801	ROY	7.8	170.8	01/06–01/18	T
2	8802	SUSAN	18.5	119.0	05/30–06/03	T
3	8803	NO NAME	17.5	125.0	06/04–06/06	TS
4	8804	THAD	5.0	137.0	06/19–06/25	T
5	8805	VANESSA	9.0	128.0	06/26–06/29	STS
6	88-1	–	15.0	118.0	07/02–07/03	L
7	88-2	–	9.5	120.0	07/04–07/05	L
8	88-3	–	31.5	138.5	07/04–07/10	TD
9	88-4	–	11.5	139.5	07/08–07/09	L
10	88-5	–	19.0	133.0	07/08–07/09	L
11	88-6	–	7.0	161.5	07/08–07/09	L
12	8806	WARREN	7.5	149.0	07/10–07/20	T
13	88-7	–	19.5	149.5	07/18–07/19	L
14	88-8	–	29.8	142.0	07/19–07/21	L
15	88-9	–	10.0	122.0	07/22–07/23	L
16	8807	AGNES	20.5	140.5	07/28–08/01	STS
17	8808	NO NAME	20.0	131.5	07/30–08/03	TS
18	88-10	–	27.5	130.0	08/01–08/03	TD
19	88-11	–	19.0	118.0	08/01–08/03	TD
20	88-12	–	31.5	132.0	08/03–08/04	L
21	8809	BILL	23.0	132.0	08/04–08/09	TS
22	88-13	–	31.0	128.5	08/05–08/06	L
23	8810	CLARA	27.0	175.0	08/06–08/15	TS
24	88-14	–	21.5	139.5	08/06–08/19	TD
25	88-15	–	19.0	130.0	08/08–08/09	TD
26	8812	DOYLE	23.0	–177.0	08/12–08/23	T
27	8813	NO NAME	20.5	108.0	08/09–08/18	TS
28	88-16	–	29.0	138.0	08/12–08/14	TD
29	88-17	–	30.0	138.0	08/12–08/14	TD
30	88-18	–	31.5	135.0	08/13–08/14	TD
31	8811	NO NAME	28.0	131.5	08/14–08/16	TS
32	88-19	–	31.5	174.0	08/15–08/16	TD
33	88-20	–	31.5	141.0	08/18–08/19	TD
34	8814	ELSIE	22.0	151.0	08/25–08/31	TS
35	8815	FABIAN	31.0	146.5	08/23–09/03	STS
36	8816	GAY	26.5	131.0	09/01–09/04	TS
37	88-21	–	24.0	159.5	09/02–09/06	TD
38	88-22	–	10.0	135.0	09/04–09/05	L
39	8818	HAL	17.5	164.0	09/05–09/16	T
40	8820	JEFF	16.0	144.5	09/08–09/16	TS
41	88-23	–	29.0	130.0	09/09–09/10	TD
42	8819	IRMA	20.5	159.0	09/11–09/16	STS
43	88-24	–	12.5	115.0	09/15–09/16	L
44	8821	KIT	7.0	140.0	09/16–09/22	STS
45	88-25	–	25.0	173.0	09/17–09/18	L
46	8822	LEE	18.0	144.0	09/19–09/25	STS
47	8823	MAMIE	17.5	115.0	09/19–09/24	TS

48	88-26	-	16.0	159.0	09/20-09/21	L
49	88-27	-	34.0	-170.0	09/21-09/24	L
50	88-28	-	13.0	155.0	09/22-09/24	TD
51	88-29	-	31.0	-179.5	09/22-09/26	L
52	88-30	-	17.0	150.0	09/24-09/27	L
53	88-31	-	13.0	137.0	09/25-09/26	L
54	88-32	-	19.5	125.0	09/25-10/03	TD
55	88-33	-	15.0	135.0	09/28-09/29	L
56	88-34	-	15.5	132.0	09/29-10/02	TD
57	8824	NELSON	11.5	135.5	09/30-10/08	T
58	88-35	-	15.5	150.0	10/01-10/02	L
59	88-36	-	15.0	138.0	10/06-10/06	TD
60	8825	NO NAME	14.0	114.0	10/07-10/10	TS
61	8826	ODESSA	15.5	147.0	10/09-10/17	T
62	8827	PAT	13.0	132.5	10/17-10/23	STS
63	8828	RUBE	10.0	137.0	10/21-10/29	T
64	8829	SKIP	8.0	139.0	11/02-11/12	T
65	8830	TESS	8.0	118.5	11/03-11/07	STS
66	8831	VAL	5.0	130.0	12/22-12/26	TS

Information about N 8817 is available in Northeast Pacific Ocean N 8809.

2. Northeast Pacific Ocean — 12 TC

N	Number	Name	Lat	Long	Dates	Max Stage
1	8804	DANIEL	14.5	-112.0	07/19-07/26	T
2	8805	HESTOR	11.5	-100.0	07/31-08/09	T
3	8806	FABIO	12.0	-140.0	07/31-08/09	T
4	8807	IVA	18.0	-110.0	08/06-08/13	T
5	8808	JOHN	18.0	-107.0	08/17-08/20	TS
6	8809	ULEKI	13.0	-145.0	08/28-09/15	T
7	8810	KRISTY	15.0	-100.0	08/29-09/06	T
8	8811	LANE	14.0	-100.0	09/21-09/30	T
9	8812	WILA	13.5	-149.0	09/23-09/25	TS

No information about N 8801, 8802 and 8803 is available.

3. North Atlantic Ocean — 12 TC, 3 TD

N	Number	Name	Lat	Long	Dates	Max Stage
1	88-1	-	20.5	-85.0	05/31-06/02	TD
2	8801	ALBERTO	38.8	-72.2	08/07-08/08	TS
3	8802	BERYL	30.4	-90.0	08/08-08/10	TS
4	88-2	-	24.0	-74.0	08/12-08/14	TD
5	8803	CHRIS	15.0	-53.3	08/21-08/30	TS
6	8804	DEBBY	20.5	-94.0	08/31-09/08	T
7	8805	ERNESTO	35.0	-52.0	09/03-09/04	STS
8	8807	FLORENCE	22.8	-90.5	09/07-09/11	T
9	8808	GILBERT	12.1	-54.8	09/08-09/20	T
10	8809	HELENA	13.7	-32.2	09/19-09/30	T
11	88-3	-	11.0	-20.0	09/27-09/28	TD
12	8810	ISAAC	8.8	-47.0	09/28-10/02	TS
13	8811	JOAN-MIRIAM	9.0	-43.0	10/10-11/02	T
14	8812	KEITH	14.5	-74.0	11/17-11/26	T

No information about N 8806 is available.

4. North Indian Ocean — 3 TC

N	Number	Name	Lat	Long	Dates	Max Stage
1	8801	NO NAME	17.0	69.2	06/09–06/12	TS
2	8802	NO NAME	8.5	95.3	11/23–11/30	T
3	8803	NO NAME	8.0	90.0	12/06–12/09	TS

5. South Indian Ocean — 11 TC

N	Number	Name	Lat	Long	Dates	Max Stage
1	8801	CALIDERA	-12.1	56.3	01/12–01/20	T
2	8802	DOAZA	-12.8	74.7	01/22–02/01	T
3	8803	FREDERIC	-10.0	98.5	01/29–02/03	T
4	8804	GWENDA	-15.0	102.0	02/08–02/18	T
5	8805	FILAO	-10.5	51.0	02/23–03/03	T
6	8806	GASITAO	-13.8	73.1	03/15–03/23	T
7	8807	HELI	-13.5	55.5	03/16–03/31	STS
8	8808	JARISENA	-11.5	64.3	05/08–05/12	TS
9	8809	ADELININA	-9.5	76.0	11/01–11/07	STS
10	8810	BARISAONA	-8.7	99.0	11/06–11/22	T
11	8811	ILONA	-17.0	121.0	12/13–12/18	TS

6. Southwest Pacific Ocean — 6 TC

N	Number	Name	Lat	Long	Dates	Max Stage
1	8801	ANNE	-6.0	177.0	01/07–01/14	T
2	8802	AGI	-13.3	157.0	01/10–01/14	STS
3	8803	CHARLIE	-15.0	160.0	02/21–02/29	STS
4	8804	BOLA	-11.0	179.0	02/24–03/04	T
5	8805	CILLA	-18.0	-159.0	02/28–03/03	TS
6	8806	DOBY	-17.8	171.0	04/10–04/16	T

1988. Evolution

1988. Northwest Pacific Ocean

1. TC = NWP8801 Name = ROY All Points = 32

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/06	23	7.8	170.8	1004	13	N	3
2	TS	01/08	6	7.8	170.8	996	23	WNW	12
3	STS	01/08	18	8.4	168.5	985	26	W	12
4	STS	01/09	0	8.0	166.0	980	28	W	15
5	STS	01/09	6	8.1	165.3	980	31	W	14
6	STS	01/09	12	8.3	165.6	975	31	W	15
7	T	01/09	18	8.4	162.0	-	36	W	17
8	T	01/10	6	9.4	157.6	950	41	W	20
9	T	01/10	12	10.0	155.5	950	41	W	18
10	T	01/10	18	10.6	153.4	950	41	W	15
11	T	01/11	0	11.2	151.9	950	41	WNW	15
12	T	01/11	6	11.5	150.4	950	41	WNW	20
13	T	01/11	12	12.3	149.0	950	41	WNW	15

14	T	01/11	18	12.7	147.8	950	41	NNW	17
15	T	01/12	6	14.0	145.7	940	44	WNW	15
16	T	01/12	18	14.9	143.3	940	44	WNW	12
17	T	01/13	6	16.0	141.8	940	44	WNW	8
18	T	01/13	12	15.4	141.2	945	46	WNW	10
19	T	01/13	18	14.7	140.3	950	41	W	10
20	T	01/14	6	13.5	137.6	950	41	WSW	15
21	T	01/14	18	12.3	134.1	950	41	WSW	15
22	T	01/15	0	12.4	132.0	945	44	W	20
23	T	01/15	12	12.7	127.8	945	46	W	17
24	T	01/15	18	13.1	126.1	950	41	W	20
25	T	01/16	6	13.1	123.2	970	33	W	13
26	STS	01/16	12	13.5	122.2	980	31	W	12
27	STS	01/16	18	13.6	121.2	985	26	W	10
28	TS	01/17	6	13.6	117.9	990	21	W	11
29	TS	01/17	12	13.7	116.9	990	21	W	10
30	TS	01/17	18	13.7	115.9	998	18	W	10
31	TS	01/18	6	13.4	114.0	996	21	W	8
32	TD	01/18	18	13.4	114.0	1000	15	W	8

2. TC = NWP8802 Name = SUSAN All Points = 17

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	05/30	0	18.5	119.0	1000	15	0	0
2	TS	05/30	6	18.5	119.5	996	21	ENE	3

3	TS	05/30	12	18.5	119.0	996	21	0	0
4	TS	05/31	0	18.5	118.3	990	23	W	1
5	STS	05/31	6	18.7	118.0	986	26	WSW	3
6	STS	05/31	12	19.3	117.8	985	26	NNW	3
7	STS	06/01	0	20.2	117.5	980	28	0	0
8	STS	06/01	6	20.8	118.1	975	31	ENE	1
9	STS	06/01	12	21.0	118.4	975	31	ENE	7
10	T	06/01	18	21.5	119.8	970	33	ENE	12
11	T	06/02	0	22.2	120.9	975	33	ENE	12
12	T	06/02	6	23.2	122.7	975	33	ENE	17
13	STS	06/02	12	24.1	124.6	980	28	ENE	19
14	STS	06/02	18	25.2	126.4	985	26	ENE	20
15	TS	06/03	0	26.0	128.7	992	21	ENE	23
16	TS	06/03	6	27.5	131.5	998	18	ENE	23
17	L	06/03	12	28.0	132.0	998	18	ENE	23

3. TC = NWP8803 Name = NO NAME All Points = 8

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/04	0	17.5	125.0	1002	15	WNW	3
2	TD	06/04	12	18.0	127.7	1000	15	WNW	3
3	TS	06/05	0	20.2	123.6	1000	18	WNW	10
4	TS	06/05	6	20.8	122.2	1000	18	WNW	10
5	TS	06/05	12	21.5	121.1	1000	18	WNW	10
6	TS	06/05	18	21.7	120.2	1000	18	WNW	10
7	TS	06/05	22	21.9	119.0	1000	18	NW	10
8	TD	06/06	0	22.9	118.0	1004	15	NW	10

4. TC = NWP8804 Name = THAD All Points = 20

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/19	0	5.0	137.0	1008	15	WNW	3
2	TD	06/19	6	6.0	137.0	1004	15	WNW	3
3	TD	06/19	12	7.0	136.5	1004	15	WNW	3
4	TD	06/20	0	9.0	133.5	1000	15	WNW	10
5	TS	06/20	6	9.3	132.4	998	18	WNW	10
6	TS	06/20	12	9.8	132.4	998	23	NNW	10
7	TS	06/21	0	12.7	130.0	990	23	NW	12
8	STS	06/21	6	13.9	128.8	985	26	NW	18
9	STS	06/21	12	14.4	127.5	985	26	WNW	18
10	STS	06/21	18	15.1	126.8	980	28	WNW	15
11	STS	06/22	0	15.5	125.5	975	31	WNW	10
12	T	06/22	6	16.1	125.1	970	33	NW	10
13	T	06/22	12	16.7	124.8	965	36	NW	8
14	T	06/22	18	17.3	124.4	965	36	NW	8
15	T	06/23	0	18.6	124.6	965	36	N	10
16	T	06/23	12	21.2	125.5	965	36	NNE	12
17	STS	06/24	0	24.0	127.2	975	28	NNE	14
18	TS	06/24	12	26.8	130.0	990	23	NE	18
19	TD	06/25	0	29.0	135.0	990	15	ENE	18
20	TD	06/25	6	30.0	136.0	996	15	ENE	15

5. TC = NWP8805 Name = VANESSA All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/26	0	9.0	128.0	1000	15	WNW	3
2	TS	06/27	3	9.3	127.3	998	23	WNW	5
3	TS	06/27	6	10.0	125.8	996	23	WNW	15
4	TS	06/27	12	10.8	123.8	996	23	WNW	18
5	STS	06/28	0	12.9	120.1	985	28	WNW	20
6	STS	06/28	6	14.8	118.8	985	28	NW	15
7	STS	06/28	12	15.5	116.7	985	28	NW	18
8	STS	06/28	18	17.5	115.5	985	28	NW	20

9	STS	06/29	0	19.4	114.8	985	26	NW	18
10	TS	06/29	6	20.5	113.5	994	21	WNW	20
11	TD	06/29	18	20.7	113.0	1000	15	WNW	1

6. TC = NWP88-1 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/02	0	15.0	118.0	1008	7	W	15
2	L	07/02	12	15.0	117.0	1006	7	W	10
3	L	07/03	0	14.0	115.0	1006	7	SW	10
4	L	07/03	12	15.0	113.0	1006	7	NW	10

7. TC = NWP88-2 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/04	12	9.5	120.0	1008	8	W	1
2	L	07/05	0	10.0	120.5	1010	7	NE	5

8. TC = NWP88-3 Name = NO NAME All Points = 28

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/04	0	31.5	138.5	1008	5	SE	1
2	L	07/04	6	27.0	136.0	1006	5	SSW	15
3	L	07/04	12	25.5	136.0	1008	5	S	10
4	L	07/04	18	25.0	135.0	1006	5	SW	10
5	L	07/05	0	24.0	135.0	1006	10	S	10
6	L	07/05	6	22.5	133.0	1004	10	SW	15
7	L	07/05	12	21.5	132.0	1004	10	SW	15
8	L	07/05	18	20.2	131.5	1002	10	SW	15
9	TD	07/06	0	21.0	132.5	1002	13	NE	10
10	TD	07/06	6	21.5	132.5	1000	15	N	8
11	TD	07/06	12	21.5	130.0	1000	15	W	15
12	TD	07/12	18	21.5	129.5	1000	15	W	8
13	TD	07/07	0	22.5	127.0	1002	13	WNW	15
14	TD	07/07	6	22.5	126.0	1002	13	W	10
15	TD	07/07	12	22.5	125.0	1002	13	W	10
16	TD	07/07	18	23.0	124.0	1002	13	NW	5
17	TD	07/08	0	22.5	123.0	1002	13	SW	8
18	TD	07/08	6	22.5	124.5	1002	13	E	10
19	TD	07/08	12	22.0	121.5	1002	13	WSW	15
20	TD	07/08	18	22.0	121.5	1002	13	0	0
21	TD	07/09	0	21.5	121.5	1004	13	S	5
22	TD	07/09	6	21.5	122.5	1004	13	E	10
23	TD	07/09	12	21.5	122.0	1004	13	W	3
24	TD	07/09	18	22.0	121.5	1004	13	NW	5
25	L	07/10	0	22.0	121.0	1004	10	W	3
26	L	07/10	6	21.0	120.5	1002	10	SW	5
27	L	07/10	12	21.0	119.0	1002	5	W	15
28	L	07/10	18	22.0	118.5	1008	5	NW	8

9. TC = NWP88-4 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/08	6	11.5	139.5	1006	5	W	10
2	L	07/08	12	11.5	139.5	1008	5	0	0
3	L	07/09	0	10.0	137.0	1006	5	SW	10

10. TC = NWP88-5 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/08	12	19.0	133.0	1006	7	W	1
2	L	07/09	0	19.0	132.0	1008	7	W	10

11. TC = NWP88-6 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/08	12	7.0	161.5	1008	5	0	0
2	L	07/08	18	7.0	161.5	1006	5	0	0
3	L	07/09	0	5.0	161.0	1008	5	SSW	10

12. TC = NWP8806 Name = WARREN All Points = 40

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/10	18	7.5	149.0	1008	5	N	3
2	L	07/11	0	10.5	149.5	1010	5	N	5
3	L	07/11	6	9.5	148.5	1006	5	WSW	8
4	L	07/11	12	9.0	147.0	1008	5	WSW	10
5	L	07/11	18	9.0	146.0	1006	5	W	10
6	L	07/12	0	9.0	145.0	1008	10	W	10
7	TD	07/12	6	11.0	146.0	1006	13	NE	8
8	L	07/12	12	11.0	146.0	1008	10	0	0
9	TD	07/12	18	11.0	145.0	1006	13	W	8
10	TD	07/13	0	11.5	144.0	1006	13	WNW	10
11	TD	07/13	6	12.0	144.5	1006	15	NW	5
12	TD	07/13	12	12.5	143.5	1004	15	WNW	10
13	TD	07/13	18	11.0	142.0	1002	15	SW	10
14	TS	07/14	0	12.0	141.5	1000	21	NW	10
15	TS	07/14	6	12.3	140.5	1000	18	WNW	10
16	TS	07/14	12	12.7	139.7	998	18	WNW	10
17	TS	07/14	18	12.8	138.8	996	21	WNW	10
18	TS	07/15	0	12.6	138.4	992	23	WNW	10
19	STS	07/15	6	13.0	137.4	985	26	WNW	10
20	STS	07/15	12	13.4	136.4	980	26	WNW	10
21	STS	07/15	18	13.9	135.0	980	26	WNW	10
22	STS	07/16	0	14.1	133.7	975	31	WNW	12
23	T	07/16	6	14.8	132.0	965	36	WNW	13
24	T	07/16	12	15.3	130.2	960	38	WNW	15
25	T	07/16	18	15.8	128.6	955	41	WNW	16
26	T	07/17	0	16.2	127.3	945	44	WNW	15
27	T	07/17	6	16.9	125.6	940	46	WNW	16
28	T	07/17	12	17.5	124.2	940	46	WNW	15
29	T	07/17	18	18.2	122.7	940	46	WNW	15
30	T	07/18	0	18.6	121.7	950	41	WNW	12
31	T	07/18	6	19.2	120.5	950	38	WNW	10
32	T	07/18	12	20.2	119.3	965	36	NW	13
33	T	07/18	18	20.6	118.1	970	33	NW	12
34	T	07/19	0	21.6	117.1	970	36	NW	11
35	T	07/19	6	22.5	116.5	970	33	NW	12
36	STS	07/19	12	23.5	115.5	980	26	NW	12
37	TS	07/19	18	24.5	114.5	992	18	NW	14
38	TD	07/20	0	25.0	114.0	998	15	NW	15
39	TD	07/20	12	25.0	113.0	1000	13	NW	5
40	L	07/20	18	25.0	113.0	1002	10	NW	1

13. TC = NWP88-7 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/18	6	19.5	149.5	1010	8	W	10
2	L	07/18	12	20.5	149.0	1010	8	NNW	10
3	L	07/18	18	22.0	146.0	1008	8	NW	15
4	L	07/19	0	23.5	146.0	1010	8	N	15
5	L	07/19	6	23.0	146.0	1006	8	S	10

14. TC = NWP88-8 Name = NO NAME All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/19	18	29.8	142.0	1006	7	ESE	5

2	L	07/20	0	29.5	144.0	1008	7	E	10
3	L	07/20	6	28.0	145.0	1006	7	SE	10
4	L	07/20	12	28.0	145.0	1008	7	0	0
5	L	07/20	18	27.5	145.0	1006	7	S	3
6	L	07/21	0	27.0	143.0	1006	7	WSW	15

15. TC = NWP88-9 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/22	0	10.0	122.0	1008	7	NW	3
2	L	07/23	0	10.5	122.5	1010	7	NE	3

16. TC = NWP8807 Name = AGNES All Points = 16

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/28	12	20.5	140.5	996	13	0	0
2	TD	07/28	0	20.5	140.5	996	13	0	0
3	TD	07/28	18	20.5	140.5	996	15	0	0
4	TD	07/29	0	21.5	141.0	996	15	NNW	5
5	TS	07/29	6	22.0	140.5	994	18	WNW	3
6	TS	07/29	12	22.0	141.0	992	21	W	3
7	TS	07/29	18	23.0	141.0	990	21	N	3
8	STS	07/30	0	25.7	141.2	980	26	N	12
9	STS	07/30	6	27.6	141.2	975	26	N	15
10	STS	07/30	12	29.3	141.2	980	26	N	14
11	TS	07/30	18	30.8	140.8	985	26	NNW	12
12	L	07/31	0	32.5	142.3	985	26	NE	24
13	L	07/31	6	35.2	145.7	985	23	NE	24
14	L	07/31	12	37.4	148.3	985	23	NE	25
15	L	07/31	18	39.9	151.5	990	23	NE	30
16	L	08/01	0	41.1	156.0	992	21	ENE	40

17. TC = NWP8808 Name = NO NAME All Points = 16

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/30	0	20.0	131.5	998	5	E	5
2	L	07/30	6	20.2	133.0	998	5	NE	10
3	L	07/30	12	22.0	134.0	1002	10	NE	10
4	L	07/30	18	23.0	135.0	1002	10	NE	10
5	TD	07/31	0	23.0	135.0	1000	15	NE	10
6	TD	07/31	6	23.5	134.5	1000	15	N	3
7	TD	07/31	12	24.0	134.5	1000	15	N	3
8	TD	07/31	18	26.0	134.0	1000	15	NNW	10
9	TD	08/01	0	26.5	132.0	1004	15	WNW	10
10	TD	08/01	12	30.5	137.0	1006	15	ENE	15
11	TD	08/01	18	31.0	137.0	1002	15	N	5
12	TS	08/02	0	32.9	137.2	1000	18	NNE	10
13	TS	08/02	6	33.3	137.3	998	18	N	5
14	TS	08/02	12	33.4	137.6	998	18	E	3
15	L	08/02	18	34.0	138.0	998	15	NNE	3
16	L	08/03	0	33.0	139.0	1000	13	SE	5

18. TC = NWP88-10 Name = NO NAME All Points = 8

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/01	18	27.5	130.0	1008	8	E	3
2	L	08/02	0	27.5	131.0	1008	8	E	3
3	L	08/02	6	27.0	130.5	1008	8	SW	5
4	L	08/02	12	27.0	130.5	1008	8	0	0
5	L	08/03	0	26.0	134.0	1006	10	ESE	10
6	TD	08/03	6	27.0	133.5	1004	13	NNW	3
7	TD	08/03	12	27.0	134.5	1004	13	E	5
8	L	08/03	18	27.0	133.0	1004	10	W	8

19. TC = NWP88-11		Name = NO NAME		All Points = 8						
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel	
1	L	08/01	0	19.0	118.0	1004	8	W	3	
2	TD	08/01	12	18.5	117.0	1002	13	WSW	5	
3	TD	08/01	18	19.5	113.0	1002	13	WNW	10	
4	TD	08/02	0	19.5	111.5	1002	13	W	20	
5	TD	08/02	6	18.5	111.0	1002	13	SSW	10	
6	TD	08/02	12	20.0	108.5	1002	13	NNW	15	
7	TD	08/02	18	20.0	108.5	1002	13	0	0	
8	TD	08/03	0	20.5	107.5	1002	13	NW	10	

20. TC = NWP88-12		Name = NO NAME		All Points = 2						
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel	
1	L	08/03	12	31.5	132.0	1004	8	S	3	
2	L	08/04	0	30.0	132.0	1004	8	S	5	

21. TC = NWP8809		Name = BILL		All Points = 21						
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel	
1	L	08/04	0	23.0	132.0	1004	5	SW	3	
2	L	08/04	6	20.5	129.0	1004	8	SW	15	
3	L	08/04	12	21.5	129.0	1004	8	0	0	
4	TD	08/05	0	21.0	128.5	1002	13	SE	3	
5	TD	08/05	6	21.5	128.5	1002	15	N	3	
6	TD	08/05	12	22.0	128.5	1002	15	N	5	
7	TD	08/05	18	23.0	129.0	1000	15	NNE	9	
8	TS	08/06	0	24.8	128.2	998	18	NNW	10	
9	TS	08/06	6	25.0	128.0	998	18	NW	3	
10	TS	08/06	12	25.5	127.9	998	18	N	6	
11	TS	08/06	18	26.5	126.6	994	18	NW	15	
12	TS	08/07	0	27.5	125.4	990	23	NW	15	
13	TS	08/07	6	28.5	124.3	990	23	NW	13	
14	TS	08/07	12	29.1	123.0	990	23	WNW	15	
15	TS	08/07	18	29.5	121.0	994	21	WNW	15	
16	TS	08/08	0	30.5	119.4	996	21	WNW	15	
17	TS	08/08	6	31.2	117.8	998	18	WNW	15	
18	TS	08/08	12	31.6	116.2	998	18	WNW	12	
19	TD	08/08	18	32.0	114.3	1000	15	WNW	10	
20	L	08/09	0	32.0	112.0	1000	10	W	15	
21	L	08/09	12	31.0	111.0	1000	5	SW	10	

22. TC = NWP88-13		Name = NO NAME		All Points = 2						
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel	
1	L	08/05	12	31.0	128.5	1004	10	NW	10	
2	L	08/06	0	32.0	126.0	1006	5	WNW	20	

23. TC = NWP8810		Name = CLARA		All Points = 33						
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel	
1	TD	08/06	0	27.0	175.0	1012	13	W	10	
2	TD	08/06	12	27.5	171.0	1016	13	W	15	
3	TD	08/07	0	28.0	168.0	1012	13	WNW	15	
4	TD	08/07	6	28.0	166.0	1012	15	W	15	
5	TD	08/07	12	28.0	166.0	1012	13	0	0	
6	TD	08/07	18	28.0	165.0	1012	13	W	10	
7	TD	08/08	0	28.5	163.0	1010	13	WNW	10	
8	TD	08/08	6	28.5	163.0	1008	13	0	0	
9	TD	08/08	12	28.5	163.0	1008	13	0	0	
10	TD	08/08	18	29.0	163.0	1004	13	W	5	
11	TD	08/09	0	28.0	164.0	1004	13	SW	8	
12	TD	08/09	6	29.0	164.0	1006	13	N	7	

13	TD	08/09	12	29.5	163.0	1008	13	NW	5
14	TD	08/09	18	30.0	163.0	1008	13	N	3
15	TD	08/10	0	29.0	161.5	1004	15	WSW	10
16	TD	08/10	6	29.0	161.5	1002	15	0	0
17	TS	08/10	12	29.0	161.0	998	18	W	3
18	TS	08/10	18	29.0	161.5	996	21	E	3
19	TS	08/11	0	29.5	161.0	994	21	NW	5
20	TS	08/11	6	28.2	160.7	994	21	SSW	1
21	TS	08/11	12	28.2	161.2	994	21	E	3
22	TS	08/11	18	29.2	160.8	994	21	NNW	8
23	TS	08/12	0	29.5	161.3	996	18	NE	5
24	TS	08/12	6	30.1	161.3	996	18	N	5
25	TS	08/12	12	30.8	161.4	996	18	N	3
26	TS	08/12	18	31.6	161.5	996	18	N	3
27	TS	08/13	0	32.4	161.8	998	18	NNE	3
28	TS	08/13	6	33.4	161.4	998	18	NNW	5
29	L	08/13	12	34.6	160.7	998	18	NW	1
30	L	08/14	0	36.0	159.0	998	18	NW	1
31	L	08/14	6	37.0	158.5	1000	18	WNW	10
32	L	08/14	12	38.5	158.0	1002	15	NW	10
33	L	08/15	0	38.5	154.0	1006	10	W	15

24. TC = NWP88-14 Name = NO NAME All Points = 53

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/06	0	21.5	139.5	1010	5	WNW	1
2	TD	08/06	6	25.0	140.0	1008	13	NNW	15
3	TD	08/06	12	25.0	140.0	1010	13	0	0
4	TD	08/06	18	25.0	140.0	1010	13	0	0
5	TD	08/07	0	24.0	139.5	1008	13	SW	8
6	TD	08/07	6	24.0	139.5	1004	13	0	0
7	TD	08/07	12	24.0	138.5	1006	13	W	8
8	TD	08/07	18	24.0	138.5	1006	13	0	0
9	TD	08/08	0	25.0	137.0	1004	13	NW	10
10	TD	08/08	6	25.0	137.0	1004	13	0	0
11	TD	08/08	12	25.5	137.5	1004	13	NE	3
12	TD	08/08	18	26.0	137.0	1002	13	N	3
13	TD	08/09	0	26.0	136.0	1002	13	W	5
14	TD	08/09	6	28.0	136.0	1000	13	W	10
15	TD	08/09	12	27.5	135.5	1000	13	SW	5
16	TD	08/09	18	28.5	135.0	1000	13	NW	5
17	TD	08/10	0	29.0	135.5	1000	13	NW	5
18	TD	08/10	6	29.5	133.0	1000	13	WNW	10
19	TD	08/10	12	31.0	133.0	1000	13	N	10
20	TD	08/10	18	30.5	133.0	1000	13	S	5
21	TD	08/11	0	31.0	130.5	1002	13	WNW	10
22	TD	08/11	6	31.0	129.5	1000	13	W	5
23	TD	08/11	12	31.0	129.5	1000	13	0	0
24	TD	08/11	18	31.0	129.0	1000	13	W	3
25	TD	08/12	0	31.0	128.5	1002	13	W	3
26	TD	08/12	6	30.5	130.0	1000	13	ESE	10
27	TD	08/12	12	31.0	131.0	1002	13	NE	5
28	TD	08/12	18	30.5	133.0	1002	13	SE	10
29	L	08/13	0	31.0	131.5	1004	10	WNW	10
30	L	08/13	6	31.5	131.0	1002	10	NW	3
31	L	08/13	12	31.0	130.5	1002	10	SW	3
32	L	08/14	0	31.0	129.0	1004	10	W	5
33	L	08/14	6	31.0	129.0	1004	10	0	0
34	L	08/14	12	31.0	128.0	1004	10	W	5
35	L	08/14	18	32.0	127.5	1004	10	NW	8
36	L	08/15	0	33.0	127.0	1004	10	NW	8

37	L	08/15	6	32.5	126.0	1004	10	WSW	5
38	L	08/15	12	32.0	126.0	1004	10	S	3
39	L	08/15	18	32.5	125.0	1004	10	WNW	5
40	L	08/16	0	33.0	124.5	1004	10	NW	5
41	L	08/16	6	33.5	123.0	1002	10	WNW	8
42	L	08/16	12	34.0	124.0	1002	10	WNW	8
43	L	08/16	18	34.5	123.5	1002	10	NW	5
44	L	08/17	0	35.0	122.5	1004	5	WNW	5
45	L	08/17	6	36.0	122.0	1002	5	NW	8
46	L	08/17	12	38.0	122.0	1004	5	N	10
47	L	08/17	18	39.0	122.0	1004	5	N	10
48	L	08/18	0	39.0	122.0	1004	5	N	10
49	L	08/18	6	39.0	121.5	1002	5	W	5
50	L	08/18	12	39.0	122.0	1002	5	E	5
51	L	08/18	18	39.0	122.5	1002	5	E	5
52	L	08/19	0	39.5	122.5	1002	5	N	5
53	L	08/19	6	40.0	122.0	1002	5	NW	5

25. TC = NWP88-15 Name = NO NAME All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/08	6	19.0	130.0	1002	10	N	5
2	L	08/08	12	23.5	129.5	1002	10	NNW	15
3	L	08/08	18	24.0	130.0	1002	10	NE	8
4	L	08/09	0	22.0	130.0	1002	10	S	10
5	TD	08/09	6	23.0	133.0	1000	15	ENE	15
6	TD	08/09	12	24.0	134.5	1000	15	NE	10
7	TD	08/09	18	26.0	136.0	1000	15	NE	15

227. TC = NWP8812 Name = DOYLE All Points = 39

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/12	12	23.0	-177.0	1014	10	W	5
2	L	08/13	0	23.0	180.0	1014	10	W	5
3	L	08/13	6	23.0	180.0	1014	10	0	0
4	L	08/13	12	23.5	179.0	1012	10	WNW	10
5	L	08/14	0	20.0	174.0	1012	10	WSW	15
6	TD	08/14	6	19.0	171.0	1006	13	WSW	10
7	TD	08/14	12	19.0	170.0	1006	13	W	10
8	TD	08/14	18	19.5	170.0	1006	15	N	3
9	STS	08/15	0	19.5	170.0	985	26	0	0
10	STS	08/15	6	19.7	169.0	980	28	W	5
11	STS	08/15	12	19.9	168.5	980	28	NW	6
12	STS	08/15	18	20.1	167.5	980	28	WNW	6
13	STS	08/16	0	20.2	166.1	975	31	W	8
14	T	08/16	6	20.5	165.5	970	33	WNW	8
15	T	08/16	12	21.0	164.7	960	38	WNW	8
16	T	08/16	18	21.6	164.5	950	41	WNW	8
17	T	08/17	0	22.1	164.2	940	44	NW	8
18	T	08/17	6	23.0	164.3	930	46	N	8
19	T	08/17	12	23.8	164.2	930	46	N	8
20	T	08/17	18	24.7	164.6	930	46	NNE	8
21	T	08/18	0	26.0	165.4	935	46	NNE	13
22	T	08/18	6	27.0	166.0	940	46	NNE	13
23	T	08/18	12	28.0	166.7	940	46	NE	13
24	T	08/18	18	29.1	167.8	950	41	NE	13
25	T	08/19	0	29.6	168.7	965	36	NE	10
26	T	08/19	6	30.3	169.7	965	36	NE	10
27	T	08/19	12	30.8	170.1	970	36	NE	8
28	T	08/19	18	31.1	170.5	970	33	NE	8
29	T	08/20	0	31.6	171.3	970	33	NE	6
30	T	08/20	6	31.9	172.2	970	33	ENE	7

31	STS	08/20	12	32.5	173.1	975	31	ENE	8
32	STS	08/20	18	33.5	173.5	980	28	NE	8
33	STS	08/21	0	33.7	173.5	985	26	NE	8
34	STS	08/21	6	35.1	173.3	985	26	NE	8
35	STS	08/21	12	35.8	173.5	985	26	NNE	8
36	TS	08/21	18	36.3	173.5	990	23	NNE	8
37	L	08/22	0	37.3	174.0	996	21	NE	8
38	L	08/22	12	37.5	174.5	998	18	NE	6
39	L	08/23	0	37.3	175.2	1002	18	E	7

6. TC = NWP8813 Name = NO NAME All Points = 32

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/09	0	20.5	108.0	1002	10	ENE	3
2	L	08/09	6	21.0	108.5	1002	10	NE	3
3	L	08/09	18	21.0	109.0	1002	10	E	3
4	L	08/10	0	20.5	109.0	1002	10	S	3
5	L	08/10	6	20.5	109.5	1002	10	E	3
6	L	08/10	12	21.0	109.5	1002	10	N	3
7	L	08/10	18	21.0	110.0	1002	10	E	5
8	TD	08/11	0	22.0	113.0	1004	13	ENE	15
9	TD	08/11	6	21.5	114.5	1002	15	ENE	10
10	TD	08/11	12	21.5	114.0	1002	15	W	3
11	TD	08/11	18	22.0	115.0	1002	15	ENE	10
12	TD	08/12	0	22.0	114.0	1004	15	W	5
13	TD	08/12	6	22.0	115.0	1002	15	E	3
14	TD	08/12	12	22.0	117.0	1004	13	E	10
15	TD	08/12	18	22.0	117.0	1004	13	0	0
16	TD	08/13	0	22.0	118.5	1004	15	E	8
17	TD	08/13	6	22.0	118.5	1004	15	0	0
18	TD	08/13	12	22.0	119.0	1004	15	E	5
19	TD	08/14	0	25.0	125.0	1004	15	ENE	15
20	TD	08/14	6	26.0	126.0	1004	15	NE	15
21	TD	08/14	12	26.0	128.0	1004	15	E	15
22	TD	08/14	18	27.0	129.5	1004	15	ENE	10
23	TD	08/15	0	28.0	132.0	1004	15	ENE	15
24	TD	08/15	6	29.0	132.5	1004	15	NNE	10
25	TD	08/15	12	31.0	135.0	1004	13	NE	20
26	TD	08/15	18	31.5	135.5	1004	15	NE	5
27	TS	08/16	0	33.5	137.0	1000	18	NE	15
28	TS	08/16	6	34.0	136.7	1002	18	NW	8
29	L	08/16	12	36.0	132.0	1004	15	NW	20
30	L	08/17	0	38.0	130.5	1004	13	NW	10
31	L	08/17	12	39.0	131.5	1006	10	NW	8
32	L	08/18	0	40.0	131.5	1006	10	N	5

28. TC = NWP88-16 Name = NO NAME All Points = 8

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/12	0	29.0	138.0	1008	13	NNE	15
2	TD	08/12	6	30.0	138.0	1006	13	N	8
3	TD	08/12	12	29.5	139.5	1006	13	ESE	10
4	TD	08/12	18	31.0	140.0	1006	13	NNE	15
5	TD	08/13	0	32.0	140.5	1008	13	NNE	8
6	TD	08/13	6	32.5	140.5	1006	13	N	7
7	TD	08/13	12	35.0	142.0	1008	13	NE	15
8	TD	08/14	0	33.0	141.5	1008	13	SSW	10

29. TC = NWP88-17 Name = NO NAME All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/12	6	30.0	138.0	1006	13	NNE	15
2	TD	08/12	12	32.0	139.5	1006	13	NNE	15

3	TD	08/12	18	34.0	139.5	1006	13	N	15
4	TD	08/13	0	36.5	140.5	1008	13	NNE	20
5	TD	08/13	6	36.0	140.5	1006	13	S	5
6	L	08/13	12	38.5	142.0	1008	10	NE	15
7	L	08/14	0	38.0	141.5	1010	10	SW	5
30. TC = NWP88-18 Name = NO NAME All Points = 2									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/13	12	31.5	135.0	1004	13	E	3
2	TD	08/14	0	32.0	136.5	1008	13	ENE	10
31. TC = NWP8811 Name = NO NAME All Points = 9									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/14	0	28.0	131.5	1006	15	NE	15
2	TD	08/14	6	28.0	134.0	1004	13	NE	15
3	TD	08/14	12	29.5	134.5	1004	13	NE	10
4	TD	08/14	18	30.5	135.0	1004	15	NE	10
5	TS	08/15	0	31.2	135.8	1000	18	NNE	10
6	TS	08/15	6	32.2	135.8	1000	18	N	10
7	TD	08/15	12	33.6	135.8	1000	15	N	13
8	TD	08/15	18	34.5	135.0	1004	15	NNW	5
9	TD	08/16	0	35.0	134.0	1004	15	NW	10
32. TC = NWP88-19 Name = NO NAME All Points = 6									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/15	12	31.5	174.0	1012	13	N	3
2	TD	08/15	18	32.0	174.0	1012	13	N	5
3	TD	08/16	0	31.0	171.5	1010	13	WSW	15
4	TD	08/16	6	30.0	170.0	1012	13	SW	10
5	TD	08/16	12	30.0	170.0	1012	13	0	0
6	TD	08/16	18	30.0	169.0	1012	13	W	10
33. TC = NWP88-20 Name = NO NAME All Points = 5									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/18	6	31.50	141.00	1006	13	S	5
2	TD	08/18	12	31.00	141.50	1006	13	SE	5
3	TD	08/18	18	31.00	142.00	1004	13	E	3
4	TD	08/19	0	33.00	141.50	1006	13	NNW	10
5	TD	08/19	6	33.00	141.00	1004	13	W	5
35. TC = NWP8814 Name = ELSIE All Points = 21									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/25	0	22.0	151.0	1012	10	0	0
2	L	08/25	6	22.5	151.0	1010	10	N	3
3	L	08/25	18	24.0	151.5	1010	10	NNE	5
4	L	08/26	0	24.0	151.5	1010	10	0	0
5	TD	08/26	6	25.0	152.0	1008	15	NNE	8
6	TD	08/26	12	25.0	152.0	1008	15	0	0
7	TD	08/26	18	25.0	152.0	1006	15	0	0
8	L	08/27	0	26.0	154.0	1006	10	ENE	10
9	TD	08/27	12	26.0	154.0	1006	15	0	0
10	TD	08/27	18	24.0	155.5	1006	15	SSE	10
11	TD	08/28	0	24.0	155.5	1006	15	0	0
12	TD	08/28	6	25.0	156.0	1004	15	NNE	7
13	TD	08/28	12	24.0	158.0	1000	15	ESE	10
14	TS	08/28	18	23.0	159.0	998	18	SE	10
15	TS	08/29	0	23.5	159.5	998	18	NE	8
16	TS	08/29	6	24.5	160.0	998	18	NNE	8
17	TS	08/29	12	26.5	161.0	996	18	NNE	12
18	TS	08/29	18	26.5	161.0	996	18	0	0
19	TS	08/30	0	31.0	160.0	996	21	NNW	15
20	L	08/30	18	31.0	160.0	996	21	0	0
21	L	08/31	18	38.1	155.5	994	23	NNW	20
34. TC = NWP8815 Name = FABIAN All Points = 37									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/23	0	31.0	146.5	1004	10	N	3
2	L	08/23	6	32.0	146.0	1002	10	NNW	5
3	L	08/23	12	31.0	145.0	1004	10	SW	8
4	L	08/23	18	30.0	144.0	1004	10	SW	10
5	L	08/24	0	30.0	143.5	1004	10	W	5
6	TD	08/24	6	29.0	145.0	1004	15	ESE	7
7	TD	08/24	12	29.0	145.5	1004	15	E	3
8	TD	08/24	18	30.0	144.0	1004	15	NW	8
9	TD	08/25	0	30.0	144.0	1004	15	0	0
10	TD	08/25	6	33.0	140.0	1002	15	NW	15
11	TD	08/25	12	32.5	140.0	1004	15	S	3
12	TD	08/25	18	32.5	139.5	1004	15	W	3
13	TD	08/26	0	31.5	138.5	1004	15	SW	5
14	TD	08/26	6	31.0	141.5	1002	15	ESE	15
15	TD	08/26	12	30.0	141.0	1004	15	SSW	10
16	TD	08/26	18	30.5	141.5	1002	15	NE	8
17	TD	08/27	0	32.0	141.5	1002	15	N	10
18	TD	08/27	12	32.0	141.5	1000	15	0	0
19	TD	08/27	18	31.0	141.5	998	15	S	5
20	TD	08/28	0	30.5	142.0	998	15	SE	8
21	TD	08/28	6	30.5	142.0	998	15	0	0
22	TD	08/28	12	30.5	142.5	998	15	E	5
23	TD	08/28	18	30.5	143.0	998	15	E	5
24	TD	08/29	0	30.5	142.5	998	15	W	8
25	TS	08/29	6	30.5	143.1	996	18	E	5
26	TS	08/29	12	31.2	144.3	992	23	NE	10
27	TS	08/29	18	31.2	144.3	992	23	0	0
28	STS	08/30	0	31.0	147.3	985	26	E	15
29	STS	08/30	18	31.0	147.3	985	26	0	0
30	STS	08/31	18	31.4	152.3	985	28	ENE	8
31	STS	09/01	18	32.8	153.6	985	26	N	10
32	STS	09/02	6	34.1	153.7	975	31	N	10
33	L	09/02	18	37.2	154.8	975	31	NE	18
34	L	09/03	0	38.8	156.8	985	26	ENE	20
35	L	09/03	6	41.0	158.5	985	26	NE	20
36	L	09/03	12	42.0	162.0	990	23	ENE	15
37	L	09/03	18	43.5	163.0	992	21	NNE	15
36. TC = NWP8816 Name = GAY All Points = 10									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/01	18	26.5	131.0	1004	10	E	10
2	TD	09/02	6	25.5	134.5	1000	15	ENE	15
3	TD	09/02	18	28.5	137.0	1000	15	NE	15
4	TS	09/03	0	28.5	138.0	996	21	E	10
5	TS	09/03	6	29.8	139.3	996	21	NE	15
6	TS	09/03	12	30.5	140.5	996	21	NE	13
7	TS	09/03	18	31.1	141.8	996	21	NE	13
8	TS	09/04	0	32.0	143.2	996	21	ENE	14
9	L	09/04	6	32.4	143.2	996	21	N	5
10	L	09/04	12	32.6	144.4	998	18	ENE	12
37. TC = NWP88-21 Name = NO NAME All Points = 11									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/02	6	24.0	159.5	1008	8	W	10

2	L	09/03	0	22.5	158.0	1010	8	SW	8
3	L	09/03	6	24.5	158.0	1010	8	N	15
4	L	09/03	12	26.4	158.0	1012	8	N	15
5	L	09/03	18	27.0	157.5	1012	8	NW	5
6	L	09/04	0	27.5	158.5	1012	8	NE	10
7	L	09/04	6	28.0	158.5	1012	8	N	3
8	L	09/05	0	30.0	155.0	1012	8	NW	15
9	TD	09/05	12	32.5	157.5	1012	13	NE	15
10	TD	09/06	0	33.0	159.0	1010	13	NE	10
11	L	09/06	12	35.0	160.0	1008	10	NE	15

38. TC = NWP88-22 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/04	18	10.0	135.0	1010	10	N	5
2	L	09/05	0	12.5	135.0	1010	10	N	5
3	L	09/05	12	12.5	135.5	1012	10	E	3
4	L	09/05	18	10.5	136.0	1010	10	SSE	10

39. TC = NWP8818 Name = HAL All Points = 44

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/05	12	17.5	164.0	1012	15	E	10
2	TD	09/05	18	17.0	164.0	1010	15	S	5
3	L	09/06	0	16.0	160.0	1010	10	WSW	15
4	L	09/06	12	16.0	160.0	1010	10	0	0
5	L	09/06	18	14.5	159.5	1008	10	SW	10
6	L	09/07	0	15.0	157.5	1008	10	WNW	8
7	L	09/07	12	16.0	156.5	1006	10	NW	8
8	L	09/07	18	16.0	156.0	1006	10	W	5
9	TD	09/08	0	17.0	156.0	1004	15	N	8
10	TD	09/08	6	18.0	155.5	1002	15	NW	5
11	TD	09/08	12	19.0	155.5	1002	15	N	10
12	TD	09/08	18	19.0	155.0	1000	15	W	8
13	TS	09/09	0	18.9	152.4	1000	18	W	12
14	TS	09/09	6	20.5	151.8	994	21	WNW	10
15	TS	09/09	12	21.0	150.7	992	23	WNW	10
16	STS	09/09	18	21.0	149.5	985	26	W	10
17	STS	09/10	0	21.0	149.0	985	26	W	8
18	STS	09/10	6	21.0	148.5	980	28	W	6
19	STS	09/10	12	21.0	147.8	975	31	W	6
20	STS	09/10	18	20.8	147.2	975	31	W	6
21	T	09/11	0	20.8	146.7	970	33	W	6
22	T	09/11	6	20.1	146.1	965	36	WSW	6
23	T	09/11	12	19.8	145.9	965	36	0	0
24	T	09/11	18	19.7	145.7	960	38	0	0
25	T	09/12	0	19.8	146.0	955	38	E	5
26	T	09/12	6	20.4	146.2	955	41	N	1
27	T	09/12	12	21.4	145.8	955	41	N	8
28	T	09/12	18	22.2	145.0	945	44	NW	10
29	T	09/13	0	23.0	144.8	945	44	NNW	10
30	T	09/13	6	24.1	144.3	945	44	NNW	10
31	T	09/13	12	24.9	143.9	950	41	NNW	10
32	T	09/13	18	26.0	143.7	950	41	NNW	10
33	T	09/14	0	27.0	143.4	950	41	NNW	10
34	T	09/14	6	28.2	143.1	950	41	N	10
35	T	09/14	12	29.3	142.9	950	41	N	10
36	T	09/14	18	30.8	142.5	955	38	N	12
37	T	09/15	0	31.8	142.2	955	38	NNW	9
38	T	09/15	6	31.9	142.3	960	36	N	6
39	T	09/15	12	33.0	142.8	965	38	NNE	11
40	L	09/15	18	34.3	143.5	965	36	NNE	14

41	L	09/16	0	35.5	144.9	970	33	NE	14
42	L	09/16	6	37.1	146.0	970	33	NE	18
43	L	09/16	12	38.5	148.5	975	31	ENE	20
44	L	09/16	18	40.0	152.0	980	28	ENE	25

40. TC = NWP8820 Name = JEFF All Points = 32

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/08	6	16.0	144.5	1006	10	W	5
2	L	09/08	12	16.0	141.0	1008	10	W	15
3	L	09/08	18	16.0	141.0	1008	10	0	0
4	TD	09/09	6	13.0	138.0	1004	15	SW	15
5	TD	09/09	12	13.0	136.0	1004	15	W	8
6	TD	09/09	18	13.0	135.5	1004	15	W	3
7	L	09/10	0	12.5	134.5	1008	10	WSW	8
8	L	09/10	6	11.5	135.0	1006	10	SSW	5
9	L	09/10	12	13.0	134.5	1008	10	NNW	8
10	L	09/10	18	13.5	134.5	1006	10	N	3
11	L	09/11	0	14.0	134.5	1006	10	N	3
12	TD	09/11	6	15.0	132.0	1004	13	WNW	10
13	TD	09/11	12	16.0	131.0	1006	13	NW	8
14	TD	09/11	18	16.0	131.0	1004	13	0	0
15	TD	09/12	0	16.0	132.0	1004	13	E	8
16	TD	09/12	6	15.0	132.0	1002	13	S	8
17	TD	09/12	12	16.0	132.0	1002	13	N	8
18	TD	09/12	18	16.0	132.0	1000	15	0	0
19	TD	09/13	0	16.0	132.5	1000	15	NE	3
20	TD	09/13	6	16.0	132.5	1000	15	0	0
21	TD	09/13	12	15.5	135.0	998	15	E	15
22	TD	09/13	18	16.0	135.0	998	15	NE	8
23	TS	09/14	0	16.6	136.8	996	18	ENE	8
24	TS	09/14	6	17.3	137.5	992	23	NE	9
25	TS	09/14	12	18.3	138.0	990	23	NNE	10
26	TS	09/14	18	19.5	139.0	990	23	N	10
27	TS	09/15	0	20.7	139.6	990	23	NE	12
28	TS	09/15	6	22.0	140.2	990	23	NNE	15
29	TS	09/15	12	23.1	140.5	990	23	NNE	15
30	TS	09/15	18	24.3	141.2	990	23	NNE	12
31	TS	09/16	0	25.4	141.8	996	21	NNE	14
32	TD	09/16	6	26.0	142.0	1004	15	NE	15

41. TC = NWP88-23 Name = NO NAME All Points = 8

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/09	0	29.0	130.0	1012	10	W	3
2	TD	09/09	6	29.5	129.5	1010	13	NW	8
3	TD	09/09	12	29.5	129.5	1010	13	0	0
4	TD	09/09	18	30.0	130.0	1010	13	NE	5
5	TD	09/10	0	30.0	130.0	1010	13	0	0
6	TD	09/10	6	31.0	130.5	1008	13	NE	10
7	TD	09/10	12	32.0	132.5	1008	13	NE	10
8	TD	09/10	18	32.5	134.5	1008	13	NE	15

42. TC = NWP8819 Name = IRMA All Points = 23

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/11	6	20.5	159.0	1006	15	N	3
2	TD	09/11	12	21.0	159.0	1006	15	N	5
3	TD	09/11	18	21.5	160.0	1006	15	ENE	8
4	TD	09/12	0	22.0	160.0	1002	15	N	5
5	TS	09/12	6	23.2	159.8	996	18	N	8
6	TS	09/12	12	23.9	159.7	996	18	NNW	7
7	TS	09/12	18	24.4	158.9	992	21	NNW	7

8	TS	09/13	0	24.8	158.2	992	21	NW	8
9	TS	09/13	6	25.1	158.2	992	21	NNW	8
10	TS	09/13	12	25.6	158.2	992	23	N	7
11	TS	09/13	18	26.3	158.0	990	23	NNW	7
12	TS	09/14	0	26.5	157.8	990	23	N	6
13	TS	09/14	6	26.9	157.8	990	23	N	6
14	TS	09/14	12	27.3	157.4	990	23	NNW	6
15	STS	09/14	18	27.2	156.7	980	28	W	3
16	STS	09/15	0	27.6	156.7	985	26	N	7
17	TS	09/15	6	28.3	156.0	990	23	NNW	8
18	TS	09/15	12	29.0	155.4	990	23	NW	8
19	TS	09/15	18	29.8	155.2	992	21	N	8
20	TS	09/16	0	30.4	155.5	996	18	NNE	6
21	TS	09/16	6	31.0	156.1	1000	18	NNE	6
22	TD	09/16	12	32.0	156.5	1004	15	NNE	10
23	L	09/16	18	33.0	158.0	1008	13	NE	10

43. TC = NWP88-24 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/15	0	12.5	115.0	1006	10	0	0
2	L	09/16	0	12.5	115.0	1006	10	0	0

44. TC = NWP8821 Name = KIT All Points = 26

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/16	6	7.0	140.0	1004	5	N	3
2	L	09/16	12	7.5	140.0	1008	5	N	5
3	L	09/16	18	10.0	138.0	1006	5	NW	15
4	L	09/17	0	10.0	137.5	1008	5	W	3
5	L	09/17	6	10.0	135.0	1006	5	W	10
6	L	09/17	12	10.0	134.0	1006	5	W	8
7	L	09/17	18	11.0	133.0	1006	5	NW	10
8	L	09/18	0	11.0	129.5	1008	5	W	15
9	L	09/18	6	11.0	128.5	1006	5	W	5
10	L	09/18	12	13.0	126.0	1008	5	NW	12
11	L	09/18	18	12.0	125.0	1008	10	WNW	10
12	TD	09/19	0	16.0	125.0	1006	15	WNW	10
13	TD	09/19	6	17.5	124.5	1004	15	WNW	10
14	TD	09/19	12	17.5	123.0	1004	15	W	10
15	TD	09/19	18	18.0	122.0	1004	15	WNW	10
16	TD	09/20	0	19.0	121.0	1002	15	NW	12
17	TS	09/20	6	19.5	120.2	998	18	WNW	12
18	TS	09/20	12	19.8	119.5	996	21	WNW	10
19	TS	09/20	18	20.2	118.9	982	23	WNW	8
20	STS	09/21	0	20.2	117.8	990	26	W	8
21	STS	09/21	6	20.8	117.6	985	28	NNW	6
22	STS	09/21	12	21.8	117.1	980	28	NW	6
23	STS	09/21	18	22.5	116.5	985	28	NW	6
24	TS	09/22	0	23.4	116.2	990	23	NNW	10
25	TD	09/22	6	24.0	116.0	1000	15	N	6
26	TD	09/22	12	24.5	115.0	1002	13	WNW	4

45. TC = NWP88-25 Name = NO NAME All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/17	0	25.0	173.0	1012	8	W	1
2	L	09/17	6	25.0	172.5	1012	8	W	3
3	L	09/17	12	25.0	171.0	1012	8	W	8
4	L	09/18	0	25.0	168.0	1016	8	W	12
5	L	09/18	6	25.0	168.0	1016	8	0	0
6	L	09/18	12	25.0	167.0	1016	8	W	5
7	L	09/18	18	25.0	166.0	1016	8	W	5

46. TC = NWP8822 Name = LEE All Points = 24

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/19	0	18.0	144.0	1010	10	W	10
2	TD	09/19	6	18.0	142.0	1008	13	W	10
3	TD	09/19	12	18.0	141.0	1008	13	W	10
4	TD	09/19	18	18.5	139.5	1008	13	NW	10
5	TD	09/20	0	18.0	139.0	1006	15	W	10
6	TD	09/20	6	18.0	138.0	1004	15	WNW	10
7	TD	09/20	12	19.0	136.0	1004	15	NW	10
8	TD	09/20	18	19.0	135.5	1002	15	NW	10
9	TS	09/21	0	18.0	134.0	996	18	W	12
10	TS	09/21	6	18.2	133.1	996	18	W	10
11	TS	09/21	12	18.4	132.4	992	21	WNW	10
12	TS	09/21	18	18.4	131.7	990	23	W	8
13	TS	09/22	0	19.4	130.4	990	23	WNW	9
14	TS	09/22	6	19.8	129.7	990	23	WNW	9
15	TS	09/22	12	20.2	128.9	990	23	WNW	8
16	TS	09/22	18	20.5	127.5	990	23	WNW	12
17	STS	09/23	0	21.1	127.6	985	26	NW	10
18	TS	09/23	6	22.1	127.0	990	23	NNW	10
19	TS	09/23	12	22.9	126.4	990	23	NNW	10
20	TS	09/23	18	23.8	126.2	994	21	N	10
21	TS	09/24	0	24.1	127.8	996	21	NNE	6
22	TS	09/24	6	25.5	128.5	998	18	NNE	15
23	TS	09/24	12	28.0	131.0	998	18	NE	20
24	L	09/25	0	30.0	133.0	1000	15	NE	30

47. TC = NWP8823 Name = MAMIE All Points = 22

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/19	0	17.5	115.0	1008	10	W	5
2	TD	09/19	6	18.0	114.0	1004	13	NW	8
3	TD	09/19	12	18.0	113.5	1006	13	W	3
4	TD	09/19	18	16.0	113.0	1004	13	SSW	10
5	TD	09/20	0	15.5	112.5	1004	13	SW	5
6	TD	09/20	6	15.0	112.0	1002	13	SW	3
7	TD	09/20	12	15.0	112.0	1002	13	0	0
8	TD	09/20	18	13.5	112.0	1002	13	S	10
9	TD	09/21	0	15.0	110.5	1002	13	NW	15
10	TD	09/21	6	15.0	111.0	1000	13	E	3
11	TD	09/21	12	15.5	111.5	1000	13	NE	3
12	TD	09/21	18	16.0	113.0	1000	15	ENE	10
13	TS	09/22	0	15.5	112.0	992	23	WSW	10
14	TS	09/22	6	16.6	112.7	990	23	NW	7
15	TS	09/22	12	17.8	113.0	990	23	NNE	10
16	TS	09/22	18	19.0	113.5	990	23	NNE	10
17	TS	09/23	0	19.9	113.6	990	23	NNE	10
18	TS	09/23	6	20.6	114.6	990	23	NE	10
19	TS	09/23	12	22.0	115.2	994	21	NE	12
20	TS	09/23	18	22.5	115.7	996	18	NE	12
21	TD	09/24	0	24.0	115.5	1006	15	NNE	15
22	TD	09/24	6	25.0	116.0	1006	13	NE	10

48. TC = NWP88-26 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/20	6	16.0	159.0	1008	7	S	3
2	L	09/21	0	14.0	159.0	1008	7	S	15

49. TC = NWP88-27 Name = NO NAME All Points = 8

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/21	0	34.0	-170.0	1008	7	N	3

2	L	09/21	12	35.0	-170.0	1008	7	N	10
3	L	09/22	0	34.0	-171.0	1012	7	S	10
4	L	09/22	6	35.0	-170.0	1012	7	NE	10
5	L	09/22	12	35.0	-170.0	1012	7	0	0
6	L	09/23	0	35.0	-172.0	1016	7	W	15
7	L	09/23	12	35.0	-172.0	1016	7	0	0
8	L	09/24	0	37.0	-176.0	1018	7	NW	15

50. TC = NWP88-28 Name = NO NAME All Points = 8

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/22	6	13.0	155.0	1006	7	SE	3
2	L	09/22	12	12.5	156.0	1008	7	ESE	8
3	L	09/22	18	15.5	158.0	1006	7	NE	15
4	TD	09/23	0	18.0	161.0	1006	13	NE	15
5	TD	09/23	6	18.0	162.0	1006	13	E	10
6	TD	09/23	12	19.0	161.0	1006	13	NW	10
7	TD	09/23	18	19.0	160.0	1006	13	W	10
8	L	09/24	0	18.0	159.0	1012	10	SW	10

51. TC = NWP88-29 Name = NO NAME All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/22	6	31.0	-179.5	1012	7	SW	3
2	L	09/22	12	29.0	180.0	1014	7	SSW	10
3	L	09/22	18	29.0	179.0	1014	7	W	5
4	L	09/23	0	29.0	178.0	1012	7	W	5
5	L	09/23	6	29.0	178.0	1012	7	0	0
6	L	09/23	12	28.0	176.5	1014	7	SW	8
7	L	09/23	18	28.0	176.0	1014	7	W	3
8	L	09/24	0	31.0	176.0	1014	7	N	15
9	L	09/24	6	32.0	178.0	1016	7	NE	15
10	L	09/24	12	33.0	179.0	1016	7	NE	10
11	L	09/25	0	32.0	178.0	1012	7	SW	8
12	L	09/25	12	33.0	175.0	1012	7	WNW	10
13	L	09/26	0	33.0	175.0	1014	7	0	0

52. TC = NWP88-30 Name = NO NAME All Points = 8

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/24	6	17.0	150.0	1008	7	W	1
2	L	09/24	12	18.0	150.0	1010	7	N	8
3	L	09/25	0	18.0	153.0	1008	7	E	10
4	L	09/25	6	18.0	151.5	1006	7	W	10
5	L	09/25	12	18.0	151.5	1008	7	0	0
6	L	09/25	18	18.0	151.0	1006	7	W	5
7	L	09/26	0	19.0	152.0	1008	7	NE	8
8	L	09/27	0	19.0	149.5	1006	7	W	10

53. TC = NWP88-31 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/25	6	13.0	137.0	1008	7	W	5
2	L	09/25	12	13.5	136.0	1008	7	NW	10
3	L	09/26	0	13.5	135.5	1006	7	W	5

54. TC = NWP88-32 Name = NO NAME All Points = 25

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/25	18	19.5	125.0	1004	5	N	3
2	L	09/26	0	20.0	125.0	1006	5	N	5
3	L	09/27	0	18.5	120.0	1004	5	WSW	15
4	L	09/28	0	18.0	123.0	1004	5	ESE	15
5	L	09/28	6	18.0	120.0	1004	5	W	15
6	TD	09/28	18	17.5	118.0	1004	13	WSW	10

7	TD	09/29	0	16.0	116.0	1004	13	SW	15
8	TD	09/29	12	16.5	115.0	1004	13	W	8
9	TD	09/29	18	16.0	114.0	1004	13	W	5
10	TD	09/30	0	16.0	114.0	1004	13	0	0
11	TD	09/30	6	15.0	112.0	1002	13	WSW	10
12	TD	09/30	12	15.0	112.0	1002	13	0	0
13	TD	09/30	18	16.0	112.5	1000	13	N	10
14	TD	10/01	0	18.0	111.0	1000	13	NW	15
15	TD	10/01	6	17.5	111.0	1000	13	S	3
16	TD	10/01	12	17.5	111.0	1000	13	0	0
17	TD	10/01	18	19.0	111.0	998	15	N	10
18	TD	10/02	0	19.0	111.0	1000	13	0	0
19	TD	10/02	6	19.0	110.0	1000	13	W	8
20	L	10/02	12	19.5	109.5	1002	10	NW	5
21	L	10/02	18	19.0	109.5	1004	10	S	3
22	L	10/03	0	19.0	109.0	1004	10	W	3
23	L	10/03	6	20.0	108.0	1004	10	NW	8
24	L	10/03	12	20.0	107.5	1004	10	W	7
25	L	10/03	18	20.0	107.0	1004	5	W	7

55. TC = NWP88-33 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/28	0	15.0	135.0	1004	7	0	0
2	L	09/29	0	15.0	135.0	1006	7	0	0

56. TC = NWP88-34 Name = NO NAME All Points = 12

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/29	0	15.5	132.0	1008	7	S	5
2	L	09/29	12	13.5	130.0	1008	7	SW	15
3	L	09/29	18	14.0	129.0	1008	7	WNW	10
4	L	09/30	0	13.5	128.0	1008	7	SW	10
5	L	09/30	6	14.0	127.0	1004	10	NW	10
6	L	09/30	12	14.0	127.5	1006	10	W	5
7	L	09/30	18	15.0	127.0	1006	10	NW	5
8	TD	10/01	0	15.5	129.0	1004	13	WNW	15
9	TD	10/01	6	15.0	129.0	1004	13	S	3
10	TD	10/01	12	15.0	126.0	1004	13	W	15
11	L	10/01	18	15.0	125.0	1004	8	W	10
12	L	10/02	0	14.0	124.5	1006	10	SW	10

57. TC = NWP8824 Name = NELSON All Points = 28

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	09/30	18	11.5	135.5	1006	5	W	3
2	TD	10/01	0	12.0	138.0	1004	13	WNW	10
3	TD	10/01	6	12.5	138.0	1002	15	N	5
4	TD	10/01	12	12.5	137.5	1002	15	W	3
5	TS	10/01	18	12.9	135.2	996	21	W	15
6	TS	10/02	0	13.5	134.6	992	23	WNW	10
7	TS	10/02	6	13.9	132.9	990	23	WNW	12
8	STS	10/02	12	14.2	132.0	985	26	WNW	10
9	STS	10/02	18	15.0	130.7	980	28	WNW	12
10	STS	10/03	0	15.3	129.5	975	31	WNW	13
11	T	10/03	6	16.1	128.5	965	36	NW	11
12	T	10/03	12	16.7	127.5	955	38	NW	11
13	T	10/03	18	17.5	126.5	950	41	NW	11
14	T	10/04	0	18.4	125.9	935	46	NW	10
15	T	10/04	6	19.5	125.2	925	49	NNW	10
16	T	10/04	12	20.0	124.7	915	51	NNW	10
17	T	10/04	18	20.8	124.4	915	51	NNW	8
18	T	10/05	0	21.4	124.3	915	51	N	7

19	T	10/05	6	21.9	124.4	920	51	N	6	25	STS	10/16	12	26.0	134.3	985	26	E	3	
20	T	10/05	12	22.5	125.2	920	51	NE	10	26	TS	10/16	18	26.0	133.5	994	21	W	8	
21	T	10/05	18	23.4	125.9	925	49	NE	11	27	TS	10/17	0	26.0	132.2	1002	18	NNW	7	
22	T	10/06	0	24.0	126.7	935	46	NE	11	28	TD	10/17	6	27.0	132.0	1004	15	N	3	
23	T	10/06	6	24.6	127.8	940	44	ENE	10	62. TC = NWP8827 Name = PAT All Points = 19										
24	T	10/06	12	24.1	128.7	945	44	ENE	10	N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel	
25	T	10/06	18	25.7	129.7	950	41	ENE	10	1	TD	10/17	0	13.0	132.5	1004	15	N	3	
26	T	10/07	0	26.6	130.9	950	41	ENE	12	2	TD	10/17	12	14.5	132.5	1002	15	N	7	
27	T	10/07	12	28.6	133.6	955	41	NE	15	3	TD	10/18	0	15.0	132.0	1002	15	NW	5	
28	L	10/08	0	30.2	136.2	955	41	NE	15	4	TS	10/19	0	16.3	131.3	1000	18	NNW	8	
58. TC = NWP88-35 Name = NO NAME All Points = 2											5	TS	10/19	6	16.5	131.0	998	21	W	3
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel	6	TS	10/19	12	16.5	130.2	994	21	W	10	
1	L	10/01	12	15.5	150.0	1008	7	W	1	7	TS	10/20	0	16.8	126.0	990	23	W	15	
2	L	10/02	0	15.0	150.0	1006	7	S	5	8	STS	10/20	6	16.5	124.5	985	26	W	15	
59. TC = NWP88-36 Name = NO NAME All Points = 4											9	STS	10/20	12	16.2	123.0	982	26	W	15
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel	10	STS	10/21	0	16.5	118.0	985	26	W	20	
1	L	10/06	0	15.0	138.0	1006	10	N	3	11	STS	10/21	6	16.5	116.0	985	26	W	10	
2	TD	10/06	6	16.5	138.0	1002	13	N	10	12	STS	10/21	12	16.8	115.1	980	26	W	7	
3	TD	10/06	12	17.0	136.5	1002	13	WNW	10	13	STS	10/21	18	17.0	113.2	980	26	W	10	
4	TD	10/06	18	17.5	137.0	1002	13	NE	5	14	STS	10/22	0	17.1	111.9	980	31	WNW	13	
60. TC = NWP8825 Name = NO NAME All Points = 8											15	STS	10/22	6	18.5	110.3	980	31	WNW	11
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel	16	TS	10/22	12	19.8	109.0	990	23	WNW	13	
1	TD	10/07	18	14.0	114.0	1000	13	W	5	17	TS	10/23	0	20.6	106.7	994	21	WNW	10	
2	TS	10/08	6	14.5	115.0	998	18	WNW	7	18	TS	10/23	6	22.0	106.0	1004	18	N	10	
3	TD	10/08	12	14.0	114.1	996	15	WSW	7	19	TD	10/23	12	22.5	106.5	1006	15	WNW	3	
4	TS	10/09	0	14.5	113.1	992	23	WNW	6	63. TC = NWP8828 Name = RUBE All Points = 31										
5	TS	10/09	6	14.6	111.5	992	18	W	10	N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel	
6	TS	10/09	12	13.8	111.0	995	21	SW	8	1	TD	10/21	0	10.0	137.0	1000	15	W	10	
7	TS	10/09	18	14.0	110.5	996	21	WNW	7	2	TS	10/21	6	10.0	136.5	998	18	W	13	
8	TD	10/10	0	13.0	109.0	1000	15	SW	5	3	TS	10/21	12	10.0	135.5	995	23	W	11	
61. TC = NWP8826 Name = ODESSA All Points = 28											4	TS	10/21	18	10.0	135.3	995	21	W	8
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel	5	TS	10/22	0	9.2	135.0	992	23	SSW	5	
1	TD	10/09	0	15.5	147.0	1008	15	W	15	6	STS	10/22	6	9.0	134.0	985	31	W	3	
2	TD	10/09	12	19.5	146.5	1007	15	NNW	15	7	STS	10/22	12	9.3	133.6	980	28	WNW	3	
3	TD	10/10	0	20.0	143.0	1007	15	WNW	15	8	T	10/23	0	10.6	131.0	970	33	WNW	15	
4	TS	10/10	12	19.7	138.8	995	18	W	15	9	T	10/23	6	10.8	129.6	970	33	W	15	
5	TS	10/11	0	18.8	135.7	998	18	WSW	12	10	T	10/23	12	11.4	128.2	965	36	WNW	13	
6	TS	10/11	6	19.2	133.9	998	18	W	15	11	T	10/23	18	11.7	126.9	965	36	W	13	
7	TS	10/11	12	19.2	132.4	996	21	W	10	12	T	10/24	0	12.5	125.9	965	36	WNW	13	
8	TS	10/12	0	18.9	130.7	992	21	W	12	13	T	10/24	6	13.7	124.9	965	36	NW	13	
9	TS	10/12	6	19.0	129.4	992	23	W	12	14	T	10/24	12	14.8	122.8	960	38	WNW	13	
10	TS	10/12	12	19.3	129.3	990	21	WNW	6	15	T	10/24	18	15.2	121.7	960	38	WNW	13	
11	TS	10/12	18	20.2	129.0	990	23	N	7	16	T	10/25	0	16.0	120.0	960	38	WNW	15	
12	TS	10/13	0	21.2	128.8	990	23	N	7	17	T	10/25	6	16.3	119.0	955	38	WNW	11	
13	STS	10/13	6	21.7	128.8	985	26	N	6	18	T	10/25	12	16.4	118.0	960	38	W	10	
14	T	10/13	12	22.0	129.0	970	36	NNE	5	19	T	10/25	21	16.0	118.0	965	36	S	3	
15	STS	10/13	18	22.1	129.4	975	31	NE	4	20	T	10/26	0	17.0	117.0	975	33	NW	7	
16	STS	10/14	0	22.6	129.9	975	31	NE	6	21	T	10/26	6	17.0	116.7	970	33	W	3	
17	STS	10/14	6	23.1	130.3	975	31	NNE	7	22	STS	10/26	12	17.2	116.6	975	31	0	0	
18	STS	10/14	12	23.5	130.7	975	26	NE	7	23	STS	10/26	18	17.6	115.8	975	31	WNW	3	
19	STS	10/14	18	24.4	131.2	970	31	NE	8	24	STS	10/27	0	17.5	114.5	980	28	W	12	
20	T	10/15	0	24.8	131.6	965	36	NE	8	25	STS	10/27	6	17.8	113.2	980	28	WNW	8	
21	T	10/15	6	25.2	132.8	970	36	NE	9	26	STS	10/27	12	18.1	112.4	985	26	WNW	10	
22	T	10/15	12	25.0	131.7	975	38	NE	9	27	STS	10/28	0	18.8	110.7	985	26	WNW	10	
23	T	10/16	0	25.8	133.5	970	36	ENE	10	28	TS	10/28	6	18.9	110.5	990	23	W	3	
24	T	10/16	6	26.0	134.0	975	33	ENE	3	29	TS	10/28	12	18.7	109.5	995	23	W	10	
											30	TD	10/29	0	18.8	109.0	1008	15	W	3
											31	TD	10/29	6	19.0	109.0	1008	15	0	0

64. TC = NWP8829 Name = SKIP All Points = 32

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/02	18	8.0	139.0	1000	15	W	3
2	TS	11/03	18	8.7	139.3	998	18	NW	5
3	STS	11/04	0	8.3	139.4	990	26	N	5
4	STS	11/04	6	8.4	138.7	980	31	W	7
5	STS	11/04	12	8.6	137.8	980	31	W	7
6	STS	11/05	0	8.7	135.8	950	31	W	9
7	T	11/05	6	9.1	134.6	970	36	WNW	10
8	T	11/05	12	9.6	133.5	968	36	WNW	12
9	T	11/05	18	9.6	132.3	960	38	W	10
10	T	11/06	0	9.6	131.1	960	38	W	12
11	T	11/06	6	10.2	130.0	950	41	NW	12
12	T	11/06	12	10.3	128.4	940	41	W	12
13	T	11/06	18	10.8	127.5	955	41	WNW	12
14	T	11/07	0	11.0	126.0	965	36	WNW	12
15	STS	11/07	6	11.4	124.6	975	31	WNW	12
16	T	11/07	12	12.5	123.0	970	33	WNW	15
17	STS	11/07	18	13.0	121.0	980	28	WNW	15
18	STS	11/08	0	13.0	119.6	980	28	W	15
19	STS	11/08	6	13.0	117.5	980	28	W	15
20	STS	11/08	12	13.1	116.5	980	28	W	10
21	STS	11/08	18	13.3	116.0	980	28	NW	5
22	STS	11/09	0	14.2	115.7	980	28	NW	7
23	STS	11/09	6	14.7	115.2	985	26	NW	7
24	STS	11/09	12	14.9	114.2	985	26	WNW	9
25	STS	11/10	0	15.0	113.5	988	26	W	10
26	STS	11/10	6	15.2	113.5	985	26	N	3
27	STS	11/10	12	15.2	113.0	990	26	W	3
28	TS	11/11	0	15.2	112.0	994	21	W	5
29	TS	11/11	6	15.0	111.4	994	21	WSW	3
30	TS	11/11	12	15.0	110.7	996	21	W	3
31	TS	11/12	0	15.6	110.1	998	21	NW	3
32	TD	11/12	6	16.5	110.0	1004	15	N	10

65. TC = NWP8830 Name = TESS All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/03	0	8.0	118.5	1004	15	W	3
2	TS	11/04	0	8.8	119.1	998	18	NW	5
3	TS	11/04	6	8.9	118.7	996	21	W	5
4	TS	11/04	12	9.3	117.9	990	21	NW	5
5	STS	11/05	0	9.6	117.9	990	26	N	5
6	STS	11/05	6	10.1	115.6	985	26	WNW	9
7	STS	11/05	12	10.0	113.9	980	28	W	12
8	STS	11/05	18	10.1	112.1	975	26	W	10
9	STS	11/06	0	10.6	111.0	980	28	WNW	10
10	STS	11/06	6	11.1	110.1	980	28	NW	10
11	STS	11/06	12	11.8	108.7	990	28	WNW	11
12	TD	11/07	0	11.5	108.0	1000	15	W	5
13	TD	11/07	6	12.0	108.7	1000	15	W	10

66. TC = NWP8831 Name = VAL All Points = 12

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	12/22	12	5.0	130.0	1005	10	N	10
2	TD	12/23	0	11.5	129.0	1001	15	NNW	15
3	TS	12/23	12	13.3	125.8	995	21	WNW	15
4	TS	12/24	0	15.3	124.0	995	21	NW	10
5	TS	12/24	6	15.4	123.5	992	23	WNW	8
6	TS	12/24	12	15.6	123.1	992	23	NW	3
7	TS	12/25	0	15.4	124.0	996	21	ESE	3

8	TS	12/25	6	16.0	124.0	996	21	N	3
9	TS	12/25	12	17.1	123.8	996	21	N	6
10	TS	12/25	18	17.2	124.0	996	21	NE	3
11	TD	12/26	0	17.5	124.3	1004	15	N	3
12	TD	12/26	6	18.0	124.0	1004	15	N	3

1988. Northeast Pacific Ocean

1. TC = NEP8804 Name = DANIEL All Points = 29

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/19	18	14.5	-112.0	1001	15	W	5
2	TD	07/19	21	15.0	-113.4	1001	15	WNW	7
3	TS	07/20	3	15.1	-113.5	997	18	0	0
4	TS	07/20	9	15.4	-114.2	990	23	WNW	5
5	TS	07/20	12	15.4	-114.6	990	23	WNW	6
6	TS	07/20	21	16.1	-114.9	990	23	WNW	6
7	TS	07/21	0	16.4	-115.5	990	23	WNW	6
8	TS	07/21	9	16.6	-116.7	990	23	WNW	6
9	TS	07/21	15	17.0	-117.4	990	23	WNW	8
10	STS	07/21	21	17.8	-119.0	987	26	WNW	11
11	STS	07/22	3	18.5	-120.0	987	26	WNW	11
12	TS	07/22	9	19.5	-121.7	990	23	WNW	12
13	TS	07/22	15	19.2	-123.0	990	23	W	12
14	TS	07/22	21	19.2	-124.0	990	23	W	12
15	TS	07/23	3	19.4	-125.2	990	23	W	12
16	TS	07/23	9	19.7	-126.1	992	21	W	12
17	TS	07/23	15	20.6	-126.6	992	21	NW	10
18	TS	07/23	21	22.1	-127.7	990	23	NNW	12
19	T	07/24	3	22.1	-128.8	978	33	WNW	10
20	TS	07/24	9	22.9	-129.8	990	23	WNW	12
21	TS	07/24	15	23.4	-131.1	990	23	WNW	12
22	TS	07/24	21	24.0	-131.7	990	23	WNW	11
23	TS	07/25	3	24.7	-132.6	992	21	NW	11
24	TS	07/25	9	25.1	-133.7	997	18	WNW	10
25	TS	07/25	15	25.7	-134.8	997	18	WNW	11
26	TD	07/25	21	26.0	-135.5	1001	15	WNW	8
27	TD	07/26	3	26.0	-135.5	1001	15	0	0
28	TD	07/26	9	26.2	-135.8	1004	13	NW	7
29	L	07/26	15	26.5	-136.5	1008	10	WNW	5

2. TC = NEP8805 Name = HESTOR All Points = 38

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/31	3	11.5	-100.0	1001	15	W	10
2	TD	07/31	9	11.6	-102.0	1001	15	W	10
3	TD	07/31	15	11.7	-103.0	1001	15	W	10
4	TS	08/01	3	13.2	-105.5	992	21	WNW	12
5	TS	08/01	9	13.4	-106.5	990	23	WNW	12
6	STS	08/01	15	14.0	-108.0	982	31	WNW	12
7	STS	08/01	21	14.4	-109.2	985	28	WNW	13
8	STS	08/02	3	14.7	-110.6	982	31	WNW	13
9	T	08/02	9	14.6	-111.5	956	54	W	12
10	T	08/02	15	15.0	-112.7	952	57	WNW	12
11	T	08/02	21	15.5	-111.3	916	75	WNW	11
12	T	08/03	3	16.3	-114.8	935	65	WNW	11
13	T	08/03	9	16.6	-115.7	935	65	WNW	11
14	T	08/03	15	16.8	-116.2	935	65	WNW	11
15	T	08/03	21	17.4	-117.5	948	60	WNW	11

16 T	08/04	3	17.9	-118.5	-	60	WNW	10
17 T	08/04	9	18.3	-119.3	-	54	WNW	10
18 T	08/04	15	18.2	-120.4	-	49	WNW	10
19 T	08/04	21	19.1	-121.5	-	41	WNW	11
20 T	08/05	3	19.0	-122.5	-	41	W	10
21 T	08/05	9	19.2	-123.5	973	38	W	10
22 T	08/05	15	18.9	-124.5	973	38	W	10
23 T	08/05	21	18.8	-125.5	980	33	W	10
24 T	08/06	0	18.9	-126.4	980	33	W	10
25 T	08/06	9	18.7	-127.0	980	33	W	9
26 T	08/06	15	18.5	-128.4	980	33	W	9
27 T	08/06	21	18.5	-129.3	978	36	W	9
28 T	08/07	3	18.4	-130.2	978	36	W	9
29 T	08/07	9	18.5	-131.2	978	36	W	9
30 T	08/07	15	18.4	-132.5	980	33	W	9
31 T	08/07	21	18.4	-133.6	980	33	W	12
32 T	08/08	3	18.0	-135.3	980	33	W	12
33 T	08/08	9	17.9	-136.2	980	38	W	12
34 STS	08/08	15	17.8	-138.5	985	28	W	12
35 TS	08/08	21	18.4	-139.3	990	23	W	13
36 TD	08/09	0	18.6	-139.7	1001	15	W	13
37 TD	08/09	6	18.7	-141.2	1001	15	W	14
38 TD	08/09	12	18.6	-143.1	1004	13	W	16

3. TC = NEP8806 Name = FABIO All Points = 29

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/31	0	12.0	-140.0	1004	15	W	5
2	T	08/02	18	13.3	-140.5	-	44	W	11
3	T	08/03	0	13.7	-141.6	-	51	W	11
4	T	08/03	6	13.9	-142.8	-	51	W	11
5	T	08/03	12	14.3	-144.1	941	61	WNW	12
6	T	08/03	18	15.3	-145.5	-	57	WNW	13
7	T	08/04	0	15.7	-146.3	-	49	WNW	13
8	T	08/04	6	16.2	-147.7	-	49	WNW	13
9	T	08/04	12	16.3	-148.5	-	46	WNW	10
10	T	08/04	18	16.2	-149.2	-	38	WNW	10
11	STS	08/05	0	16.0	-150.6	994	28	W	10
12	STS	08/05	6	15.7	-151.7	997	26	W	10
13	TS	08/05	12	15.8	-152.7	1000	23	W	10
14	TS	08/05	18	15.4	-153.4	1002	21	W	10
15	TD	08/06	0	15.5	-154.2	1009	15	W	10
16	TD	08/06	6	15.5	-155.0	1009	15	W	8
17	TD	08/06	12	15.6	-155.9	1009	15	W	8
18	TD	08/06	18	15.5	-156.7	1009	15	W	8
19	TD	08/07	0	15.5	-157.5	1009	15	W	8
20	TD	08/07	6	15.5	-158.5	1009	15	W	8
21	TD	08/07	12	15.4	-159.3	1009	15	W	8
22	TD	08/07	18	15.8	-159.5	1009	15	W	7
23	TD	08/08	0	16.6	-159.6	1009	15	NNW	7
24	TD	08/08	6	17.2	-160.0	1009	15	NNW	9
25	TD	08/08	12	16.8	-160.3	1009	15	NNW	5
26	TD	08/08	18	16.9	-161.4	1009	15	W	10
27	TD	08/09	0	17.0	-162.1	1012	13	W	8
28	TD	08/09	6	17.0	-162.7	1012	13	W	7
29	TD	08/09	12	17.0	-163.7	1012	13	W	8

4. TC = NEP8807 Name = IVA All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/06	0	18.0	-110.0	1009	15	W	5
2	T	08/08	4	18.2	-111.0	987	33	W	5

3 T	08/08	6	18.5	-111.3	987	33	0	0
4 STS	08/09	6	20.7	-115.3	994	28	NW	10
5 TS	08/10	6	20.8	-118.2	1002	21	W	10
6 TS	08/10	9	21.0	-118.5	1002	21	0	0
7 TS	08/11	3	20.0	-118.3	1005	18	S	10
8 TD	08/12	0	19.5	-119.6	1009	15	SW	8
9 TD	08/13	15	17.5	-123.0	1012	13	WSW	5

5. TC = NEP8808 Name = JOHN All Points = 8

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/17	12	18.0	-107.0	1009	15	W	3
2	TS	08/18	0	18.2	-107.5	1005	18	NW	3
3	TS	08/18	15	21.5	-109.5	1005	18	NNW	15
4	TD	08/19	6	22.1	-108.8	1009	15	NE	5
5	TD	08/19	18	21.0	-110.7	1009	15	WSW	8
6	TD	08/19	21	21.1	-110.6	1009	15	0	0
7	TD	08/20	0	21.1	-110.6	1009	15	0	0
8	TD	08/20	3	21.2	-111.0	1009	15	W	3

6. TC = NEP8809 Name = ULEKI All Points = 71

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/28	18	13.0	-145.0	1009	15	W	8
2	TD	08/29	0	12.2	-146.2	1009	15	WSW	10
3	TD	08/29	6	12.2	-147.0	1009	15	W	8
4	TD	08/29	12	12.3	-148.3	1009	15	W	8
5	TS	08/29	18	12.5	-149.0	1005	18	WNW	9
6	TS	08/30	0	12.7	-150.0	1002	21	WNW	9
7	STS	08/30	6	12.9	-151.1	997	26	W	10
8	STS	08/30	12	13.2	-152.0	997	26	W	10
9	STS	08/30	18	13.7	-153.3	-	28	WNW	10
10	T	08/31	0	14.1	-154.4	-	41	WNW	11
11	T	08/31	6	14.0	-155.2	-	36	W	9
12	T	08/31	12	14.1	-156.0	-	36	W	9
13	T	08/31	18	14.1	-156.7	-	51	W	9
14	T	09/01	0	14.4	-157.4	-	51	W	8
15	T	09/01	6	14.7	-158.0	-	51	WNW	8
16	T	09/01	12	15.0	-158.8	-	51	WNW	8
17	T	09/01	18	15.1	-159.4	-	51	W	7
18	T	09/02	0	15.4	-159.8	926	70	W	5
19	T	09/02	6	15.7	-160.3	-	57	WNW	6
20	T	09/02	12	15.9	-160.5	-	51	WNW	5
21	T	09/02	18	16.4	-160.4	-	54	NNW	4
22	T	09/03	0	16.4	-160.6	-	54	0	0
23	T	09/03	6	16.5	-160.2	-	54	0	0
24	T	09/03	12	16.8	-160.1	-	51	N	5
25	T	09/03	18	17.0	-160.1	-	49	NNE	2
26	T	09/04	0	17.0	-160.2	-	44	0	0
27	T	09/04	6	17.4	-160.4	-	41	NNW	5
28	T	09/04	12	17.6	-161.1	-	36	NW	6
29	T	09/04	18	17.8	-162.0	-	36	W	8
30	T	09/05	0	18.1	-162.0	-	36	W	10
31	T	09/05	6	18.2	-163.6	-	36	WNW	9
32	T	09/05	12	18.7	-164.8	-	36	WNW	9
33	T	09/05	18	19.5	-165.8	-	36	WNW	12
34	T	09/06	0	20.2	-166.8	-	36	WNW	12
35	T	09/06	6	20.7	-168.5	-	33	WNW	15
36	T	09/06	12	21.5	-170.0	-	33	WN	15
37	T	09/06	18	22.2	-171.0	-	33	WN	14
38	T	09/07	0	22.9	-172.3	-	33	WNW	15
39	T	09/07	6	23.5	-173.7	-	33	WNW	12

40	T	09/07	12	24.2	-175.2	-	46	WNW	15
41	T	09/07	18	24.4	-176.6	-	46	WNW	15
42	T	09/08	0	25.0	-178.1	-	46	WNW	15
43	T	09/08	6	25.2	-179.6	-	44	WNW	15
44	T	09/08	12	25.5	179.5	940	44	WNW	15
45	T	09/08	18	26.2	177.7	940	44	WNW	14
46	T	09/09	0	26.6	176.4	950	41	WNW	12
47	T	09/09	6	27.2	175.5	950	41	WNW	10
48	T	09/09	12	27.5	174.5	950	41	WNW	10
49	T	09/09	18	27.5	173.5	955	38	WNW	8
50	T	09/10	0	27.6	173.0	955	38	WNW	7
51	T	09/10	6	28.0	172.8	955	38	WNW	6
52	T	09/10	12	28.6	171.3	965	36	NW	6
53	T	09/10	18	28.6	171.3	965	36	NW	5
54	T	09/11	0	29.3	170.6	960	38	NNW	6
55	T	09/11	6	29.7	170.2	960	38	NNW	6
56	T	09/11	12	30.2	169.0	960	36	WNW	10
57	T	09/11	18	30.7	169.3	965	36	NNW	6
58	T	09/12	0	30.9	169.1	970	33	NW	6
59	STS	09/12	6	31.0	168.6	975	31	WNW	3
60	STS	09/12	12	31.2	167.8	975	31	WNW	8
61	STS	09/12	18	31.6	166.8	975	31	WNW	7
62	STS	09/13	0	31.0	166.5	980	28	SW	3
63	STS	09/13	6	30.9	165.3	985	26	W	7
64	TS	09/13	12	32.5	165.4	992	23	N	10
65	TS	09/13	18	33.5	164.0	996	21	NW	12
66	L	09/14	0	33.5	163.0	1004	15	W	10
67	L	09/14	6	34.0	162.0	1008	15	WNW	8
68	L	09/14	12	34.0	161.5	1014	13	W	6
69	L	09/14	18	36.0	161.0	1014	13	N	10
70	L	09/15	0	37.0	161.0	1014	13	N	10
71	L	09/15	6	38.0	161.0	1014	13	N	10

7. TC = NEP8810 Name = KRISTY All Points = 32

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/29	0	15.0	-100.0	1009	15	W	3
2	TS	08/29	12	15.2	-100.2	1002	21	NW	5
3	STS	08/30	0	15.5	-102.5	997	26	W	15
4	TS	08/30	3	15.8	-103.0	1005	18	WNW	11
5	TS	08/30	9	16.3	-104.2	1002	21	WNW	11
6	T	08/30	21	17.3	-105.8	987	33	WNW	11
7	T	08/31	3	17.8	-106.6	987	33	WNW	10
8	T	08/31	9	18.0	-107.3	983	36	WNW	9
9	T	08/31	15	18.3	-108.6	983	36	WNW	10
10	T	08/31	21	18.5	-108.8	980	38	WNW	8
11	T	09/01	3	18.8	-110.0	980	38	WNW	9
12	T	09/01	9	18.6	-110.0	983	36	W	9
13	T	09/01	15	18.5	-111.0	983	36	W	6
14	T	09/01	21	17.8	-111.3	987	33	SSW	8
15	T	09/02	3	17.8	-111.3	987	33	W	5
16	T	09/02	9	17.8	-112.1	987	33	W	5
17	STS	09/02	15	17.8	-112.5	994	28	W	5
18	TS	09/02	21	18.2	-113.1	1000	23	W	5
19	TS	09/03	3	18.3	-113.7	1000	23	W	6
20	TS	09/03	9	18.7	-113.7	1005	18	WNW	5
21	TS	09/03	15	18.8	-114.0	1005	18	WNW	4
22	TD	09/03	21	18.7	-114.6	1009	15	W	4
23	TD	09/04	3	18.6	-115.0	1009	15	W	4
24	TD	09/04	9	18.6	-115.4	1009	15	W	4
25	TD	09/04	15	18.8	-115.0	1009	15	N	2

26	TD	09/04	21	18.5	-115.3	1012	13	SW	2
27	TD	09/05	3	18.5	-115.3	1012	13	0	0
28	TD	09/05	9	18.5	-115.3	1012	13	0	0
29	TD	09/05	15	18.5	-114.5	1012	13	E	3
30	TD	09/05	21	19.0	-114.0	1012	13	NE	4
31	TD	09/06	3	18.8	-113.0	1012	13	E	5
32	TD	09/06	9	19.1	-112.8	1012	13	E	5

8. TC = NEP8811 Name = LANE All Points = 32

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/21	0	14.0	-100.0	1009	15	W	5
2	TS	09/22	3	14.2	-101.8	1005	18	WNW	11
3	TS	09/22	9	14.3	-102.5	1000	23	W	11
4	STS	09/22	15	15.2	-104.0	997	26	WNW	13
5	STS	09/22	21	16.4	-105.9	994	28	WNW	14
6	STS	09/23	3	16.8	-107.1	991	31	WNW	14
7	T	09/23	9	16.8	-108.2	987	33	WNW	11
8	T	09/23	15	17.0	-109.0	980	38	WNW	12
9	T	09/23	21	17.5	-110.0	974	44	WNW	11
10	T	09/24	3	17.8	-111.1	970	46	WNW	11
11	T	09/24	9	17.5	-112.1	970	46	WNW	11
12	T	09/24	15	17.5	-112.5	970	46	WNW	10
13	T	09/24	21	17.6	-113.8	977	41	W	10
14	T	09/25	3	17.8	-114.8	977	41	W	10
15	T	09/25	9	17.2	-115.2	980	38	W	9
16	T	09/25	15	17.5	-116.7	980	38	W	9
17	T	09/25	21	17.5	-118.0	983	36	W	11
18	T	09/26	9	17.7	-120.6	987	33	W	12
19	T	09/26	15	17.6	-121.3	987	33	W	9
20	T	09/27	3	18.0	-123.2	987	33	W	10
21	T	09/27	9	18.0	-124.0	987	33	W	9
22	STS	09/27	15	18.5	-125.0	991	31	W	9
23	STS	09/27	21	19.8	-126.3	994	28	NW	10
24	STS	09/28	3	20.5	-125.0	997	26	WNW	10
25	TS	09/28	9	20.4	-128.5	1000	23	WNW	10
26	TS	09/28	15	20.5	-130.5	1002	21	WNW	12
27	TD	09/28	21	21.0	-131.5	1009	15	WNW	12
28	TD	09/29	15	22.5	-136.0	1010	13	WNW	13
29	TD	09/29	21	22.8	-136.8	1012	13	WNW	13
30	TD	09/30	3	23.1	-137.8	1012	13	WNW	12
31	TD	09/30	9	23.0	-138.5	1012	13	W	9
32	TD	09/30	15	23.2	-139.5	1012	13	W	9

9. TC = NEP8812 Name = WILA All Points = 10

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/23	12	13.5	-149.0	1012	13	WNW	10
2	TD	09/23	18	15.0	-147.8	1012	13	WNW	8
3	TD	09/24	0	16.0	-147.7	1012	13	N	8
4	TD	09/24	6	16.5	-147.7	1012	13	N	7
5	TD	09/24	12	16.5	-147.0	1012	13	NNE	5
6	TD	09/24	18	17.2	-146.0	1012	13	NE	10
7	TS	09/25	0	17.2	-145.0	1005	18	E	10
8	TS	09/25	6	17.2	-145.0	1005	18	0	0
9	TS	09/25	12	17.3	-145.3	1005	18	W	5
10	TD	09/25	18	17.3	-145.3	1010	13	W	3

1988. North Atlantic Ocean

1. TC = ATL88-1 Name = NO NAME All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	05/31	16	20.5	-85.0	1010	13	W	8
2	TD	05/31	22	21.0	-84.5	1010	13	W	8
3	TD	06/01	4	21.0	-84.0	1010	13	NNE	3
4	TD	06/01	10	21.5	-83.5	1010	13	NNE	3
5	TD	06/01	22	23.0	-81.5	1010	13	NE	7
6	TD	06/02	10	24.0	-81.0	1010	13	NE	7

2. TC = ATL8801 Name = ALBERTO All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/07	4	38.8	-72.2	1010	13	NNE	12
2	TD	08/07	10	40.0	-71.0	1007	15	NE	20
3	TD	08/07	12	40.7	-69.0	1007	15	ENE	20
4	TS	08/07	16	42.1	-68.0	1002	18	NE	20
5	TS	08/07	22	44.0	-66.0	1002	18	NE	10
6	L	08/08	0	44.8	-66.2	1005	15	NE	4

3. TC = ATL8802 Name = BERYL All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/08	4	30.4	-90.0	1012	10	0	0
2	TD	08/08	6	30.2	-90.2	1009	13	0	0
3	TS	08/09	6	29.5	-89.6	1005	18	SE	10
4	TS	08/09	16	30.3	-90.6	1001	23	WNW	15
5	TS	08/09	22	30.2	-91.2	1005	18	WNW	4
6	TD	08/10	10	31.0	-93.0	1009	13	WNW	7

4. TC = ATL88-2 Name = NO NAME All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/12	22	24.0	-74.0	1009	15	WNW	10
2	TD	08/13	10	27.5	-75.0	1009	15	N	12
3	TD	08/13	16	27.5	-77.0	1009	15	NW	12
4	TD	08/13	22	29.0	-79.0	1009	15	NW	11
5	TD	08/14	4	31.0	-80.0	1009	15	WNW	15
6	TD	08/14	9	31.0	-83.0	1009	15	WNW	15

5. TC = ATL8803 Name = CHRIS All Points = 27

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/22	16	15.0	-53.3	1009	15	W	20
2	TD	08/22	22	15.0	-55.0	1009	15	W	20
3	TD	08/23	4	15.5	-57.5	1009	15	W	20
4	TD	08/23	10	15.0	-59.0	1009	15	W	20
5	TD	08/23	16	15.0	-59.5	1009	15	W	20
6	TD	08/23	22	16.0	-62.5	1009	15	WNW	17
7	TD	08/24	4	16.5	-63.5	1009	15	W	17
8	TD	08/24	10	16.0	-65.5	1009	15	W	15
9	TD	08/24	16	16.5	-66.5	1009	15	W	15
10	TD	08/24	22	17.0	-68.0	1009	15	W	14
11	TD	08/25	4	17.5	-68.8	1009	15	W	13
12	TD	08/25	10	18.2	-70.1	1009	15	WNW	13
13	TD	08/25	16	18.8	-71.0	1009	15	WNW	13
14	TD	08/25	22	19.5	-72.0	1009	15	WNW	13
15	TD	08/26	4	19.8	-73.8	1009	15	WNW	12
16	TD	08/26	10	20.7	-75.3	1009	15	WNW	10
17	TD	08/26	16	21.4	-76.0	1009	15	WNW	13
18	TD	08/26	22	22.0	-76.0	1009	15	NW	11
19	TD	08/27	4	23.0	-76.5	1009	15	NW	12

20	TD	08/27	10	23.8	-77.6	1009	15	NW	11
21	TD	08/27	16	25.0	-78.5	1009	15	NW	11
22	TD	08/27	22	26.0	-79.5	1009	15	NW	11
23	TD	08/28	4	27.0	-79.5	-	15	NNW	11
24	TS	08/28	10	29.0	-80.3	-	21	N	12
25	TS	08/28	12	30.5	-80.5	-	21	N	17
26	TS	08/28	16	32.3	-80.6	1005	23	N	20
27	TD	08/28	22	34.0	-81.0	-	15	N	20

6. TC = ATL8804 Name = DEBBY All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/01	22	20.5	-94.0	1012	13	W	5
2	TS	09/02	10	20.8	-95.9	1005	18	W	7
3	T	09/02	22	21.0	-97.4	987	33	W	5
4	TD	09/03	4	20.2	-98.2	1009	15	W	8

7. TC = ATL8805 Name = ERNESTO All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/03	0	35.0	-52.0	1009	15	ENE	20
2	TS	09/03	22	36.0	-51.0	1005	18	ENE	25
3	TS	09/04	3	36.5	-48.0	1005	18	E	25
4	TS	09/04	6	37.5	-41.0	1002	21	NE	40
5	STS	09/04	16	39.0	-35.0	994	28	ENE	50
6	L	09/04	22	42.5	-32.0	1002	21	NE	50

8. TC = ATL8807 Name = FLORENCE All Points = 14

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/07	16	22.8	-90.5	1009	15	E	3
2	TS	09/07	19	22.7	-90.0	1005	18	E	3
3	TS	09/07	22	22.7	-90.0	1002	21	0	0
4	STS	09/08	4	22.7	-89.5	997	26	E	10
5	STS	09/08	10	22.8	-89.7	997	26	0	0
6	STS	09/08	16	23.2	-89.5	997	26	N	5
7	STS	09/08	22	23.8	-89.5	997	26	N	5
8	STS	09/09	4	24.5	-89.2	997	26	N	5
9	STS	09/09	10	25.5	-89.1	994	28	N	7
10	STS	09/09	16	27.2	-89.3	991	31	N	12
11	T	09/09	22	28.6	-89.3	983	36	N	14
12	T	09/10	4	29.4	-89.5	983	36	N	12
13	STS	09/10	10	30.5	-89.7	997	26	N	11
14	TD	09/11	0	31.0	-89.9	1009	15	N	3

9. TC = ATL8808 Name = GILBERT All Points = 36

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/08	22	12.1	-54.8	1010	13	W	12
2	TD	09/09	4	11.8	-55.8	1010	13	W	12
3	TD	09/09	10	12.6	-56.7	1010	13	W	10
4	TD	09/09	16	13.7	-59.5	1009	15	WNW	10
5	TD	09/09	22	14.5	-60.5	1009	15	W	12
6	TD	09/10	4	15.2	-62.2	1009	15	WNW	12
7	TS	09/10	10	15.1	-64.2	1005	18	W	12
8	STS	09/10	16	15.2	-65.0	997	26	W	12
9	STS	09/10	22	15.8	-66.5	991	31	WNW	13
10	STS	09/11	4	16.1	-67.5	991	31	W	13
11	T	09/11	10	16.5	-69.0	983	36	W	13
12	T	09/11	16	16.5	-70.5	977	41	W	13
13	T	09/11	22	16.5	-71.5	970	46	W	13
14	T	09/12	4	16.9	-72.9	970	46	W	13
15	T	09/12	10	17.5	-74.7	965	49	WNW	15
16	T	09/12	16	18.0	-76.7	-	51	W	15

17	T	09/12	22	18.3	-77.8	-	51	WNW	15
18	T	09/13	4	18.5	-79.5	-	51	W	15
19	T	09/13	10	18.8	-80.6	-	60	W	13
20	T	09/13	16	19.1	-82.1	-	62	W	13
21	T	09/13	22	19.5	-83.5	-	76	WNW	13
22	T	09/14	4	19.9	-84.8	-	78	W	13
23	T	09/14	10	20.0	-86.0	888	83	WNW	13
24	T	09/14	16	20.7	-87.3	-	73	WNW	13
25	T	09/14	22	21.3	-88.8	-	62	WNW	13
26	T	09/15	4	21.5	-90.2	-	57	WNW	13
27	T	09/15	10	22.0	-91.5	-	62	WNW	15
28	T	09/15	16	22.2	-92.3	-	54	W	10
29	T	09/15	22	22.4	-93.6	-	54	WNW	13
30	T	09/16	4	22.8	-94.4	-	54	WNW	11
31	T	09/16	10	23.3	-95.4	-	54	WNW	10
32	T	09/16	16	23.9	-96.4	956	54	WNW	10
33	T	09/16	22	24.2	-97.8	956	54	WNW	10
34	T	09/17	4	24.6	-98.6	970	46	WNW	10
35	STS	09/17	10	25.0	-99.8	994	28	WNW	10
36	TD	09/17	16	25.5	-99.9	1007	15	N	3

10. TC = ATL8809 Name = HELENA All Points = 44

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/19	22	13.7	-32.2	1009	15	W	10
2	TD	09/20	4	13.4	-33.3	1009	15	W	10
3	TD	09/20	10	13.3	-34.3	1009	15	W	10
4	TD	09/20	16	13.0	-35.2	1009	15	W	10
5	TS	09/20	18	12.8	-36.0	1005	18	W	11
6	TS	09/20	22	12.2	-37.1	1002	21	WSW	12
7	STS	09/21	2	12.0	-37.8	991	31	W	15
8	T	09/21	6	12.0	-38.4	987	33	W	12
9	T	09/21	10	12.1	-39.3	974	44	W	15
10	T	09/21	16	12.0	-40.2	974	44	W	12
11	T	09/21	22	12.5	-40.6	974	44	W	10
12	T	09/22	10	13.0	-42.1	974	44	W	10
13	T	09/22	16	13.2	-42.7	974	44	W	8
14	T	09/22	22	13.7	-43.6	965	49	WNW	8
15	T	09/23	4	14.2	-44.5	956	54	WNW	9
16	T	09/23	10	14.3	-45.4	948	60	WNW	9
17	T	09/23	16	14.8	-45.9	938	65	WNW	8
18	T	09/23	22	15.5	-46.5	938	65	NW	9
19	T	09/24	4	16.3	-47.2	-	62	NW	9
20	T	09/24	10	17.0	-48.0	956	54	NW	9
21	T	09/24	16	18.0	-48.2	961	51	NNW	9
22	T	09/24	22	18.6	-48.8	961	51	NNW	9
23	T	09/25	4	19.3	-49.2	961	51	NNW	9
24	T	09/25	10	19.9	-49.3	948	60	NNW	10
25	T	09/25	16	20.5	-49.0	970	46	N	7
26	T	09/26	4	22.3	-49.3	970	46	N	8
27	T	09/26	10	23.5	-49.5	956	54	N	10
28	T	09/26	16	25.3	-49.7	970	46	N	13
29	T	09/26	22	27.2	-51.0	977	41	N	19
30	T	09/27	4	28.5	-51.2	977	41	N	15
31	T	09/27	10	29.3	-52.3	974	44	N	15
32	T	09/27	16	30.7	-52.0	980	38	N	14
33	T	09/27	22	31.7	-51.9	980	38	N	10
34	T	09/28	4	32.5	-51.5	980	38	N	10
35	T	09/28	10	33.3	-50.7	980	38	NNE	10
36	T	09/28	16	34.0	-50.0	980	38	NNE	10
37	T	09/28	22	35.2	-48.8	980	38	NNE	13

38	T	09/29	4	37.2	-47.5	980	38	NNE	15
39	T	09/29	10	38.6	-45.9	980	38	NE	17
40	L	09/29	16	42.5	-41.0	983	36	NE	30
41	L	09/29	22	44.5	-40.0	983	36	NE	30
42	L	09/30	4	49.5	-35.7	983	36	NNE	42
43	L	09/30	10	52.5	-32.5	983	36	NNE	45
44	L	09/30	16	58.0	-27.0	983	36	NNE	40

11. TC = ATL88-3 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/27	16	11.0	-20.0	1012	13	W	12
2	TD	09/27	22	11.5	-21.5	1012	13	WNW	12
3	TD	09/28	4	11.5	-23.0	1012	13	W	12
4	TD	09/28	10	11.2	-25.7	1012	13	W	12
5	TD	09/28	16	12.0	-27.6	1012	13	WNW	12

12. TC = ATL8810 Name = ISAAC All Points = 12

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/28	22	8.8	-47.0	1009	15	W	15
2	TD	09/29	4	8.8	-48.0	1009	15	W	15
3	TD	09/29	10	8.5	-49.2	1009	15	W	13
4	TD	09/29	16	9.6	-50.6	1009	15	WMW	13
5	TD	09/29	22	9.7	-52.2	1009	15	W	15
6	TD	09/30	4	10.0	-52.5	1009	15	NW	10
7	TD	09/30	10	9.5	-53.0	1009	15	SW	10
8	TD	09/30	16	10.8	-55.1	-	15	WNW	10
9	TS	09/30	22	11.5	-56.9	-	18	WNW	12
10	TS	10/01	4	12.0	-58.0	1005	21	WNW	13
11	TS	10/01	10	12.0	-58.8	1005	21	N	5
12	TD	10/02	0	12.5	-60.0	-	15	WNW	5

13. TC = ATL8811 Name = JOAN-MIRIAM All Points = 73

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/10	12	9.0	-43.0	1009	15	0	0
2	TD	10/10	22	9.0	-43.0	1009	15	0	0
3	TD	10/11	4	9.3	-44.5	1009	15	WNW	13
4	TD	10/11	10	10.0	-45.6	1009	15	W	13
5	TS	10/11	23	12.0	-49.5	1000	23	WNW	15
6	STS	10/12	10	12.2	-50.8	997	26	WNW	15
7	STS	10/12	16	12.6	-52.0	997	26	WNW	15
8	TS	10/13	4	12.5	-54.7	1002	21	W	13
9	TS	10/13	10	12.9	-55.9	1002	21	W	15
10	STS	10/13	16	12.8	-56.5	997	26	W	14
11	STS	10/13	22	12.8	-57.7	997	26	W	14
12	STS	10/14	4	12.8	-59.1	997	26	W	15
13	STS	10/14	10	12.6	-59.7	997	26	W	10
14	STS	10/14	16	12.2	-60.8	991	31	W	12
15	T	10/14	22	11.9	-61.4	987	33	W	10
16	STS	10/15	4	12.2	-62.3	997	26	W	10
17	STS	10/15	16	12.0	-64.6	997	26	W	10
18	STS	10/15	22	12.0	-65.5	997	26	W	10
19	TS	10/16	10	12.0	-67.7	1000	23	W	12
20	TS	10/16	16	12.1	-70.7	1000	23	W	12
21	TS	10/17	4	12.1	-70.9	1000	23	W	12
22	STS	10/17	10	12.1	-72.0	991	31	W	12
23	STS	10/17	16	11.9	-72.7	-	31	W	12
24	T	10/17	22	11.3	-73.7	-	36	W	12
25	T	10/18	4	11.9	-74.6	-	41	WNW	12
26	T	10/18	16	11.1	-76.3	-	41	WNW	12
27	T	10/18	22	11.3	-76.9	-	46	W	10

28 T	10/19	4	11.3	-77.5	977	49	W	15	
29 T	10/19	10	11.2	-78.2	974	49	W	10	
30 T	10/19	16	11.4	-78.8	954	60	W	10	
31 T	10/19	22	11.3	-79.3	958	62	W	10	
32 T	10/20	4	11.3	-79.8	960	62	W	10	
33 T	10/20	10	11.2	-79.7	968	60	0	0	
34 T	10/20	16	11.2	-79.7	970	60	0	0	
35 T	10/20	22	11.3	-79.9	973	54	0	0	
36 T	10/21	4	11.5	-80.5	970	54	W	5	
37 T	10/21	10	11.6	-81.1	970	54	W	5	
38 T	10/21	16	11.6	-81.5	958	49	W	5	
39 T	10/21	22	11.8	-82.1	950	54	W	5	
40 T	10/22	4	11.9	-83.0	932	65	W	10	
41 T	10/22	10	12.1	-83.9	932	65	W	10	
42 T	10/22	16	11.9	-84.5	-	36	W	8	
43 STS	10/22	22	11.9	-85.3	-	26	W	9	
44 TS	10/23	4	12.0	-86.0	-	21	W	9	
45 TS	10/23	10	12.0	-87.3	-	18	W	10	
46 TS	10/23	15	12.4	-87.8	-	23	W	8	
47 STS	10/23	21	12.8	-88.9	-	26	WNW	9	
48 STS	10/24	3	13.2	-90.1	-	26	WNW	9	
49 STS	10/24	9	13.7	-90.6	-	26	WNW	9	
50 STS	10/24	15	13.5	-90.6	-	26	0	0	
51 TS	10/24	21	14.2	-92.7	1000	23	WNW	9	
52 TS	10/25	3	14.5	-93.5	1000	23	WNW	8	
53 TS	10/25	9	14.5	-93.5	1000	23	WNW	8	
54 TS	10/25	15	14.8	-94.2	1000	23	WNW	8	
55 TD	10/25	21	13.7	-94.3	1009	15	W	8	
56 TD	10/26	0	13.7	-95.4	1009	15	W	8	
57 TD	10/26	9	13.5	-95.9	1009	15	W	7	
58 TD	10/26	15	12.6	-96.0	1009	15	WSW	7	
59 TD	10/26	21	12.0	-97.0	1009	15	WSW	8	
60 TD	10/27	3	11.7	-97.4	1009	15	WSW	7	
61 TD	10/27	9	11.7	-98.0	1009	15	WSW	7	
62 TD	10/27	15	11.8	-98.3	1009	15	W	6	
63 TD	10/27	21	12.0	-98.5	1009	15	WNW	5	
64 TD	10/28	3	12.1	-99.9	1009	15	W	7	
65 TD	10/28	10	12.1	-100.3	1009	15	W	6	
66 TD	10/30	21	13.2	-111.1	1009	15	W	10	
67 TD	10/31	3	13.7	-112.0	1009	15	W	12	
68 TD	10/31	9	14.8	-113.0	1009	15	WNW	12	
69 TD	10/31	15	15.3	-113.9	1009	15	WNW	12	
70 TD	11/01	9	17.0	-115.0	1009	15	NW	7	
71 TD	11/01	15	17.7	-116.0	1009	15	NW	7	
72 TD	11/01	21	18.1	-116.4	1009	15	NW	7	
73 TD	11/02	3	18.1	-117.4	1009	15	WNW	8	
14. TC = ATL8812 Name = KEITH All Points = 30									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/17	16	14.5	-74.0	1009	15	N	4
2	TD	11/17	22	15.0	-74.5	1009	15	NNW	5
3	TD	11/18	4	15.6	-74.5	1009	15	NNW	5
4	TD	11/18	10	16.0	-75.0	1009	15	NNW	5
5	TD	11/18	16	15.0	-78.5	1009	15	W	5
6	TD	11/19	4	15.0	-79.8	1009	15	W	5
7	TD	11/19	10	15.5	-80.5	1009	15	W	7
8	TD	11/19	16	15.3	-81.5	1009	15	W	7
9	TD	11/19	22	15.5	-82.3	1009	15	W	7
10	TD	11/20	4	15.6	-82.8	1009	15	W	7
11	TD	11/20	10	16.4	-83.8	1009	15	W	7
12	TD	11/20	16	19.0	-85.0	1009	15	NW	12

13 TS	11/20	22	19.9	-85.7	1002	21	NNW	12
14 STS	11/21	4	20.2	-86.5	994	28	NW	10
15 STS	11/21	10	21.4	-87.0	-	28	NNW	10
16 STS	11/21	16	22.5	-87.0	-	28	N	12
17 STS	11/21	22	22.5	-87.0	-	28	N	12
18 STS	11/22	4	23.5	-86.7	-	28	NNE	7
19 T	11/22	7	23.9	-86.6	945	33	NNE	9
20 STS	11/22	10	24.5	-86.5	-	28	NE	12
21 STS	11/22	16	25.3	-85.7	-	28	NE	10
22 STS	11/22	22	26.1	-84.2	-	28	NE	12
23 STS	11/23	4	27.5	-83.5	-	28	NE	15
24 STS	11/23	10	27.6	-82.0	-	28	ENE	14
25 STS	11/23	16	28.3	-80.0	-	26	ENE	14
26 TS	11/23	22	29.3	-78.8	1000	23	ENE	20
27 TS	11/24	4	30.0	-76.5	1000	23	ENE	20
28 TS	11/24	10	32.4	-70.0	1000	23	ENE	35
29 TS	11/24	16	33.0	-68.0	1000	23	ENE	35
30 L	11/24	22	35.0	-64.0	997	26	ENE	35

1988. North Indian Ocean

1. TC = NIN8801 Name = NO NAME All Points = 9									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/09	12	17.0	69.2	1000	15	N	5
2	TD	06/09	23	18.0	69.0	1000	15	N	5
3	TD	06/10	12	16.5	67.9	1000	15	SW	8
4	TD	06/10	23	16.5	69.9	1000	15	E	7
5	TD	06/11	12	16.0	70.0	1000	15	SE	5
6	TD	06/11	23	16.0	70.5	1000	15	E	4
7	TS	06/12	0	16.8	71.5	997	18	NE	4
8	TS	06/12	6	16.8	71.5	997	18	NE	4
9	TD	06/12	23	17.0	72.0	1000	15	NE	4
2. TC = NIN8802 Name = NO NAME All Points = 15									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/23	8	8.5	95.3	-	15	N	3
2	TD	11/23	20	9.6	94.5	-	15	NW	3
3	TS	11/24	8	10.5	93.0	-	18	NW	5
4	STS	11/25	0	11.3	92.5	-	26	NW	5
5	STS	11/25	6	11.5	91.0	992	26	NW	5
6	STS	11/25	12	11.3	90.5	992	26	NW	5
7	STS	11/26	0	11.5	88.8	990	26	WNW	7
8	STS	11/26	7	12.5	88.0	990	26	WNW	7
9	STS	11/27	0	13.5	87.5	990	26	WNW	7
10	STS	11/27	12	15.0	87.5	990	26	N	5
11	STS	11/27	20	15.2	87.5	988	26	0	0
12	T	11/28	12	17.5	87.5	986	33	NNW	5
13	T	11/29	0	19.3	87.7	986	33	NNE	15
14	T	11/29	7	20.5	88.0	972	41	NE	15
15	TD	11/30	20	21.0	88.5	-	15	N	5
3. TC = NIN8803 Name = NO NAME All Points = 6									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	12/06	8	8.0	90.0	1006	15	NW	3
2	TD	12/06	20	9.5	89.0	1006	15	NW	5
3	TS	12/07	14	10.2	90.0	1000	18	NE	5
4	TS	12/07	19	10.7	91.3	1000	18	NE	7

5	TD	12/08	12	13.5	91.0	1006	15	N	7
6	TD	12/09	0	14.5	93.0	1006	15	NE	5

1988. South Indian Ocean

1. TC = SIN8801 Name = CALIDERA All Points = 16

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/12	12	-12.1	56.3	1000	15	E	5
2	TD	01/13	3	-12.5	54.5	1000	15	E	15
3	STS	01/13	12	-13.7	52.7	984	28	SW	10
4	T	01/14	4	-14.8	51.5	967	38	SW	7
5	T	01/14	13	-16.3	50.8	967	38	SW	5
6	STS	01/15	4	-16.6	49.7	984	28	SW	5
7	STS	01/15	13	-17.7	49.5	987	26	S	3
8	TS	01/16	3	-17.7	49.5	994	21	0	0
9	TS	01/16	13	-20.4	44.1	997	18	SW	10
10	TD	01/17	5	-21.2	43.9	1000	15	SW	7
11	TD	01/17	13	-21.8	44.2	1002	13	SE	5
12	L	01/18	4	-22.0	43.5	1007	8	SW	3
13	L	01/19	4	-24.0	44.0	1005	10	S	7
14	L	01/19	12	-27.0	46.0	1005	10	SE	12
15	L	01/20	4	-27.8	48.1	1007	8	SE	10
16	TD	01/20	12	-29.3	50.1	1000	15	SE	10

2. TC = SIN8802 Name = DOAZA All Points = 22

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/22	3	-12.8	74.7	1000	15	NW	3
2	TD	01/22	12	-12.0	71.3	1000	15	NW	7
3	TS	01/23	3	-12.0	67.7	997	18	W	8
4	TS	01/23	12	-12.0	64.4	991	23	W	10
5	TS	01/24	4	-13.5	59.2	991	23	SW	8
6	STS	01/24	11	-13.5	56.8	987	26	W	10
7	STS	01/25	0	-15.4	55.0	987	26	SW	10
8	STS	01/25	13	-15.9	52.0	984	28	W	8
9	STS	01/26	3	-16.5	49.5	984	28	SW	10
10	TS	01/26	14	-16.5	47.0	997	18	W	7
11	TS	01/27	5	-15.6	45.0	994	21	NW	8
12	TS	01/27	13	-16.3	44.0	994	21	SW	5
13	TS	01/28	4	-18.1	42.0	991	23	SW	10
14	T	01/28	12	-19.8	41.7	965	40	SW	7
15	T	01/29	5	-20.2	40.2	967	38	SW	5
16	T	01/29	12	-21.5	40.0	970	37	SW	7
17	T	01/30	0	-22.3	38.7	958	44	SW	8
18	T	01/30	13	-24.4	38.7	943	50	S	10
19	STS	01/31	5	-27.2	38.0	984	28	SSW	8
20	T	01/31	14	-29.0	38.7	976	33	S	10
21	STS	02/01	2	-32.0	41.0	987	26	SE	10
22	L	02/01	12	-35.5	46.0	994	21	SE	17

3. TC = SIN8803 Name = FREDERIC All Points = 10

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/29	18	-10.0	98.5	1000	15	SW	3
2	TS	01/30	8	-11.5	96.8	997	18	SW	7
3	T	01/30	18	-12.0	97.0	976	33	S	5
4	T	01/31	0	-14.0	97.0	976	33	S	7
5	TS	01/31	12	-16.5	96.0	994	21	SSW	5
6	T	01/31	22	-17.7	95.8	972	36	SSW	7

7	TS	02/01	10	-20.0	95.0	994	21	SSW	7
8	TS	02/01	22	-21.0	96.2	997	18	SE	5
9	TD	02/02	9	-21.0	94.3	1002	13	W	8
10	TD	02/03	0	-21.0	94.0	1002	13	0	0

4. TC = SIN8804 Name = GWENDA All Points = 21

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/08	0	-15.0	102.0	1000	15	S	3
2	TD	02/08	9	-16.0	101.2	1000	15	SW	3
3	TD	02/09	0	-17.0	101.0	1000	15	S	5
4	TS	02/09	10	-16.0	97.8	994	21	NW	7
5	TS	02/10	0	-16.0	97.0	994	21	W	2
6	STS	02/10	12	-15.7	94.0	987	26	NW	8
7	T	02/11	10	-16.3	91.0	967	38	SW	10
8	STS	02/11	21	-16.4	90.5	980	31	0	0
9	T	02/12	10	-17.6	89.5	943	51	SW	7
10	T	02/12	21	-17.8	89.0	972	36	SW	3
11	T	02/13	6	-19.0	88.5	976	33	SSW	5
12	STS	02/14	0	-18.8	87.0	987	26	W	7
13	STS	02/14	11	-18.4	85.7	987	26	NW	5
14	TS	02/15	0	-18.3	84.0	997	18	W	5
15	TS	02/15	11	-18.2	83.0	997	18	W	7
16	TD	02/16	2	-18.0	81.0	1000	15	W	8
17	TD	02/16	8	-18.2	79.8	1002	13	W	5
18	TS	02/17	2	-18.8	76.4	997	18	WSW	7
19	TS	02/17	12	-20.4	77.5	997	18	SSE	5
20	TD	02/18	6	-22.2	72.5	1002	13	WSW	8
21	TD	02/18	12	-23.0	72.6	1002	13	S	5

5. TC = SIN8805 Name = FILAO All Points = 18

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/23	14	-10.5	51.0	1003	13	S	1
2	TS	02/24	5	-11.5	50.5	997	18	SW	5
3	TS	02/24	12	-12.1	50.1	997	18	S	7
4	TS	02/25	4	-14.0	49.1	997	18	SSW	5
5	TD	02/25	12	-14.8	47.9	1002	13	WSW	7
6	TD	02/26	7	-14.8	45.6	1000	15	W	10
7	TD	02/26	12	-14.8	44.6	1000	15	W	8
8	TS	02/26	15	-15.2	44.4	997	18	S	5
9	TS	02/27	11	-17.4	42.5	994	21	SW	8
10	TS	02/28	2	-18.1	39.6	991	23	WSW	10
11	TS	02/28	13	-19.4	40.4	991	23	SE	5
12	T	02/29	5	-19.5	39.6	967	38	W	7
13	T	02/29	9	-19.5	40.0	967	38	E	3
14	T	02/29	13	-19.5	39.7	954	46	0	0
15	T	03/01	4	-19.0	38.3	954	46	W	5
16	T	03/01	13	-18.9	38.0	954	46	0	0
17	STS	03/02	5	-16.8	36.4	987	26	NW	8
18	TD	03/03	0	-16.5	36.3	1000	15	0	0

6. TC = SIN8806 Name = GASITAO All Points = 18

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	03/15	11	-13.8	73.1	1000	15	SW	5
2	STS	03/16	4	-14.1	71.5	987	26	W	5
3	TS	03/16	13	-14.1	68.8	991	23	W	7
4	STS	03/17	3	-14.6	66.6	987	26	W	10
5	T	03/17	12	-14.6	65.2	976	33	W	5
6	STS	03/18	0	-15.2	64.0	987	26	SW	5
7	T	03/18	11	-15.7	63.2	958	44	SW	5
8	T	03/19	4	-16.0	62.8	943	51	SW	7

9	T	03/19	11	-16.3	63.9	958	44	E	8
10	T	03/20	3	-18.0	68.0	954	46	ESE	7
11	T	03/20	11	-17.9	69.1	933	57	E	3
12	T	03/20	22	-20.0	70.2	943	51	SSE	5
13	T	03/21	11	-24.0	71.0	972	36	SSE	10
14	STS	03/22	3	-23.7	71.9	980	31	E	5
15	STS	03/22	11	-24.5	72.0	980	31	S	5
16	TS	03/23	2	-27.3	73.0	994	21	SSE	8
17	TS	03/23	10	-29.4	74.1	997	18	SE	7
18	TD	03/23	22	-29.6	74.5	1000	15	0	0

7. TC = SIN8807 Name = HELI All Points = 23

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	03/16	13	-13.5	55.5	1002	13	S	1
2	TS	03/17	3	-13.8	54.0	997	18	SW	3
3	TS	03/17	12	-11.2	51.9	997	18	NW	7
4	TS	03/18	0	-11.0	49.5	997	18	W	5
5	STS	03/18	11	-10.0	50.8	980	31	NE	7
6	STS	03/19	4	-11.9	52.6	984	28	SE	10
7	TS	03/19	11	-13.2	52.5	994	21	S	8
8	TS	03/20	3	-13.7	55.1	994	21	ESE	10
9	TS	03/20	13	-13.5	55.3	994	21	0	0
10	TS	03/21	3	-13.3	56.2	994	21	E	5
11	TS	03/21	13	-13.7	57.0	994	21	SE	7
12	TS	03/22	3	-12.6	59.8	997	18	S	10
13	TD	03/22	13	-12.8	61.6	1000	15	SE	8
14	TD	03/26	3	-14.8	54.5	1000	15	WSW	10
15	TS	03/26	12	-15.0	54.0	997	18	0	0
16	TS	03/27	6	-15.0	52.4	991	23	W	10
17	TS	03/27	13	-15.9	50.9	997	18	SW	8
18	STS	03/28	5	-16.9	49.1	987	26	SW	5
19	STS	03/28	14	-16.4	49.1	987	26	S	3
20	TD	03/30	0	-17.5	40.5	1002	13	WSW	12
21	TD	03/30	13	-18.2	41.5	1000	15	SE	5
22	TD	03/31	5	-19.6	39.0	1000	15	SW	7
23	TD	03/31	13	-21.0	39.0	1002	13	S	5

8. TC = SIN8808 Name = JARISENA All Points = 10

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	05/08	0	-11.5	64.3	1000	15	S	3
2	TD	05/08	12	-13.2	64.0	1000	15	S	5
3	TS	05/09	4	-15.0	64.5	994	21	S	7
4	TS	05/09	12	-15.5	64.5	994	21	S	3
5	TS	05/10	3	-16.3	65.4	991	23	SE	5
6	TS	05/10	12	-17.4	68.0	994	21	SE	7
7	TS	05/11	0	-16.0	67.3	994	21	NW	3
8	TS	05/11	12	-15.0	67.8	997	18	N	3
9	TD	05/12	2	-15.2	66.8	1000	15	W	5
10	TD	05/12	12	-14.4	66.3	1000	15	N	1

9. TC = SIN8809 Name = ADELININA All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/01	0	-9.5	76.0	1000	15	N	1
2	STS	11/01	10	-9.1	76.1	987	26	N	3
3	STS	11/01	19	-9.5	76.5	984	28	SE	5
4	TD	11/02	5	-10.8	77.9	1000	15	SE	7
5	TS	11/03	2	-13.5	79.0	991	23	SE	10
6	STS	11/03	12	-14.2	80.2	984	28	SE	8
7	STS	11/04	2	-14.7	82.2	984	28	ESE	8
8	STS	11/04	12	-15.0	83.5	987	26	ESE	7

9	TS	11/05	3	-15.0	84.5	994	21	E	10
10	TD	11/05	12	-13.1	83.4	1002	13	NNW	10
11	TD	11/06	0	-13.5	83.5	1002	13	0	0
12	TS	11/06	11	-12.8	81.2	991	23	NW	5
13	TD	11/07	0	-13.0	81.5	1000	15	0	0

10. TC = SIN8810 Name = BARISAONA All Points = 32

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/06	19	-8.7	99.0	1000	15	N	5
2	TD	11/07	0	-7.3	98.8	1000	15	N	5
3	TD	11/07	21	-6.5	97.4	1000	15	NW	7
4	TD	11/08	7	-6.2	95.9	1000	15	WNW	5
5	TS	11/08	21	-7.0	94.5	997	18	SW	7
6	TS	11/09	0	-7.5	95.0	994	21	SE	3
7	STS	11/09	11	-7.0	93.0	984	28	NW	5
8	STS	11/09	21	-6.2	92.5	984	28	NW	3
9	STS	11/10	8	-5.8	91.8	987	26	NW	5
10	STS	11/10	21	-6.0	91.0	987	26	W	3
11	STS	11/11	21	-5.9	90.5	980	31	W	1
12	STS	11/12	0	-6.0	86.0	987	26	W	7
13	STS	11/12	6	-7.0	88.0	984	28	SE	8
14	STS	11/12	12	-8.2	86.5	984	28	SW	10
15	STS	11/13	2	-8.7	85.6	984	28	SW	7
16	STS	11/13	12	-9.2	84.7	984	28	SW	7
17	T	11/14	5	-10.7	80.2	967	38	WSW	10
18	T	11/14	9	-10.3	78.8	954	46	W	8
19	T	11/15	3	-11.5	76.0	954	46	SW	7
20	T	11/15	9	-11.8	75.0	954	46	W	5
21	T	11/16	4	-13.6	74.0	967	38	SW	7
22	T	11/16	10	-14.0	72.0	954	46	WSW	10
23	T	11/17	2	-14.5	70.2	967	38	WSW	10
24	T	11/17	12	-15.5	69.8	954	46	SW	8
25	T	11/18	2	-17.0	68.0	954	46	SW	7
26	T	11/18	12	-16.5	68.0	954	46	0	0
27	T	11/19	3	-18.5	67.2	976	33	SSW	10
28	TD	11/19	12	-19.0	65.5	1000	15	WSW	7
29	STS	11/20	4	-19.6	66.3	987	26	SE	3
30	TD	11/20	21	-19.0	65.5	1000	15	NW	5
31	TD	11/21	12	-19.5	67.5	1000	15	ESE	7
32	TD	11/22	2	-17.2	65.2	1000	15	NW	5

11. TC = SIN8811 Name = ILONA All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	12/13	6	-17.0	121.0	1000	15	W	3
2	TD	12/13	18	-17.0	119.0	1000	15	W	5
3	TD	12/14	0	-17.0	118.0	1000	15	W	1
4	TS	12/14	6	-17.0	117.0	997	18	W	5
5	TS	12/15	0	-17.0	116.0	994	21	W	3
6	TS	12/15	16	-16.9	115.0	994	21	W	5
7	TD	12/16	3	-16.4	114.5	1000	15	0	0
8	TD	12/17	0	-18.0	114.0	1000	15	S	5
9	TD	12/18	0	-23.0	117.0	1000	15	SE	12

1988. Southwest Pacific Ocean

1. TC = SWP8801 Name = ANNE All Points = 12

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/07	0	-6.0	177.0	1000	15	N	1
2	TS	01/07	22	-7.0	177.0	994	21	N	3
3	STS	01/08	20	-8.0	174.0	987	26	NW	5
4	T	01/10	3	-12.0	168.9	967	38	NW	10
5	T	01/10	6	-12.2	168.2	967	38	NW	1
6	STS	01/10	18	-14.0	166.0	980	31	NW	5
7	STS	01/11	6	-16.0	164.0	980	31	NW	7
8	TS	01/11	22	-18.0	164.0	991	23	N	8
9	TS	01/12	6	-19.2	164.9	991	23	NE	7
10	TS	01/13	3	-21.0	168.9	994	21	NE	10
11	TS	01/13	18	-24.0	166.6	997	18	NW	10
12	TD	01/14	6	-26.0	167.0	1000	15	N	8

2. TC = SWP8802 Name = AGI All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/10	6	-13.3	157.0	1000	15	SW	3
2	TS	01/10	18	-11.8	153.4	997	18	NW	5
3	TS	01/11	3	-10.5	152.0	994	21	NW	2
4	STS	01/11	6	-10.0	153.0	987	26	NE	3
5	STS	01/11	22	-12.0	154.0	987	26	SE	5
6	TS	01/13	3	-14.2	155.2	991	23	SE	7
7	TD	01/14	6	-20.0	163.0	1000	15	SE	10

3. TC = SWP8803 Name = CHARLIE All Points = 18

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/21	12	-15.0	160.0	1000	15	W	5
2	TS	02/22	0	-15.0	158.0	994	21	W	7
3	TS	02/22	6	-15.0	157.0	994	21	W	3
4	TD	02/22	18	-14.0	153.0	1000	15	NW	7
5	TS	02/23	0	-16.0	155.0	994	21	SE	8
6	TS	02/23	6	-13.8	155.8	994	21	N	12
7	TS	02/23	18	-14.0	153.0	994	21	SW	10
8	TS	02/24	6	-15.5	154.4	997	18	SE	8
9	TS	02/24	12	-18.0	155.0	997	18	S	10
10	TS	02/25	9	-17.1	154.5	997	18	NW	8
11	TS	02/26	3	-19.0	152.7	997	18	SW	10
12	TS	02/27	3	-18.1	151.0	997	18	NW	8
13	TS	02/27	18	-19.3	149.7	994	21	SW	5
14	STS	02/28	3	-19.2	148.4	984	28	W	7
15	TS	02/28	18	-19.2	147.1	997	18	W	5
16	TS	02/29	3	-19.4	147.1	997	18	0	0
17	TD	02/29	6	-19.0	147.0	1000	15	0	0

18 TD 02/29 18 -20.0 148.0 1000 15 SE 7

4. TC = SWP8804 Name = BOLA All Points = 20

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/24	0	-11.0	179.0	1000	15	SW	8
2	TS	02/24	18	-15.0	174.0	997	18	SW	5
3	TS	02/25	6	-16.0	175.0	997	18	SW	3
4	TS	02/26	0	-17.7	175.0	994	21	S	7
5	TS	02/26	6	-16.0	173.0	994	21	NW	8
6	TS	02/26	18	-15.0	170.0	994	21	NW	10
7	TS	02/27	18	-16.0	170.0	994	21	S	7
8	STS	02/28	3	-15.9	168.8	984	28	W	3
9	STS	02/28	18	-16.8	168.7	984	28	S	7
10	T	02/29	3	-16.6	168.8	967	38	0	0
11	T	02/29	6	-17.0	168.0	967	38	SW	2
12	T	03/01	2	-18.3	169.2	933	57	SE	7
13	T	03/01	6	-18.0	169.0	933	57	0	0
14	T	03/01	18	-18.0	169.0	954	46	S	10
15	T	03/02	6	-18.0	171.0	972	36	0	0
16	TS	03/03	0	-18.0	171.0	997	18	SE	7
17	TS	03/03	6	-19.0	173.0	997	18	E	2
18	TS	03/03	12	-19.0	174.0	997	18	SE	10
19	TD	03/04	0	-22.0	177.0	1000	15	SE	2
20	TD	03/04	6	-22.5	177.5	1002	13	0	0

5. TC = SWP8805 Name = CILLA All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/28	20	-18.0	-159.0	1000	15	S	2
2	TD	02/29	9	-19.0	-158.0	1000	15	SE	5
3	TS	02/29	18	-20.5	-156.0	994	21	SE	7
4	TS	03/01	9	-23.0	-153.0	994	21	SE	7
5	TD	03/01	20	-26.0	-150.0	1000	15	SE	10
6	TD	03/03	0	-30.0	-155.0	1000	15	SW	10

6. TC = SWP8806 Name = DOBY All Points = 12

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	04/10	0	-17.8	171.0	1000	15	S	1
2	TS	04/10	6	-18.0	171.0	997	18	S	3
3	STS	04/11	6	-18.0	170.0	987	26	W	3
4	STS	04/11	18	-18.0	170.0	987	26	0	0
5	STS	04/12	6	-18.0	170.0	987	26	0	0
6	STS	04/12	18	-19.0	171.0	987	26	SE	8
7	STS	04/13	6	-20.0	172.0	987	26	SE	5
8	STS	04/13	18	-21.0	172.0	987	26	S	3
9	T	04/14	6	-22.0	172.0	963	41	S	3
10	STS	04/14	18	-23.0	173.0	980	31	SE	5
11	STS	04/15	6	-25.5	175.0	980	31	SE	7
12	TD	04/16	0	-27.0	176.0	1000	15	SE	8