

1987. Chronology

The 79 tropical cyclones and 7 tropical disturbances were recorded in the Word Ocean

11. Northwest Pacific Ocean — 23 TC

N	Number	Name	Lat	Long	Dates	Max Stage
1	8701	ORCHID	7.0	149.0	01/09–01/14	T
2	8702	PERCY	4.0	153.0	04/05–04/16	TS
3	8703	RUTH	17.5	116.0	06/17–06/19	TS
4	8704	SPERRY	11.0	142.0	06/26–07/02	T
5	8705	THELMA	11.5	150.0	07/07–07/17	T
6	8706	VERNON	12.0	135.0	07/16–07/22	STS
7	8707	WYNNE	8.0	173.0	07/22–08/01	T
8	8708	ALEX	8.0	140.0	07/22–07/30	T
9	8709	BETTY	4.0	132.5	08/08–08/17	T
10	8710	NO NAME	26.0	136.0	08/05–08/11	TS
11	8711	CARY	11.0	136.0	08/12–08/22	T
12	8712	DINAH	12.0	152.0	08/21–08/31	T
13	8713	FREDA	11.0	147.0	09/04–09/19	T
14	8714	GERALD	16.0	128.0	09/04–09/11	T
15	8715	HOLLY	12.5	170.0	09/05–09/17	T
16	8716	IAN	16.5	146.5	09/23–10/04	T
17	8717	JUNE	23.0	156.0	09/29–10/02	TS
18	8719	KELLY	12.0	138.5	10/09–10/18	T
19	8720	LYNN	10.0	156.0	10/15–10/27	T
20	8721	MAURY	12.5	134.5	11/11–11/19	TS
21	8722	NINA	5.0	161.0	11/19–11/30	T
22	8723	PHYLLIS	11.0	141.0	12/12–12/20	T

No information about N 8718 is available.

2. Northeast Pacific Ocean — 20 TC

N	Number	Name	Lat	Long	Dates	Max Stage
1	8701	ADRIAN	11.8	-98.0	06/07–06/09	TS
2	8702	BEATRIZ	12.0	-116.0	07/03–07/07	TS
3	8703	CALVIN	12.5	-101.8	07/05–07/10	STS
4	8704	DORA	15.6	-102.5	07/15–07/20	STS
5	8705	EVGENE	11.0	-97.2	07/22–07/26	T
6	8706	FERNANDA	12.0	-130.8	07/24–07/31	STS
7	8707	GREG	12.2	-100.2	07/28–08/03	T
8	8708	HILLARY	11.0	-95.0	08/01–08/09	T
9	8709	IRWIN	10.0	-90.5	08/03–08/09	STS
10	8710	IOVA	13.5	-119.5	08/13–08/21	T
11	8711	OXA	9.5	-147.0	08/26–08/29	STS
12	8712	KNUT	10.2	-118.9	08/28–08/30	TS
13	8713	LIDIA	12.2	-102.8	08/29–09/03	T
14	8714	MAX	11.5	-101.4	09/09–09/16	T
15	8715	NORMA	15.2	-108.0	09/14–09/20	T
16	8716	OTIS	10.1	-121.6	09/20–09/26	T
17	8717	PEKE	11.0	-173.5	09/21–10/05	T
18	8718	PILAR	20.5	-111.4	09/30–10/01	TS
19	8719	RAMON	13.0	-104.0	10/05–10/12	T
20	8720	SELMA	9.5	-121.3	10/27–10/31	TS

3. North Atlantic Ocean — 7 TC, 4 TD

N	Number	Name	Lat	Long	Dates	Max Stage
1	87-1	–	25.0	–68.4	05/26–06/01	TD
2	8702	ARLENE	30.0	–74.0	08/08–08/28	T
3	8703	BRET	15.0	–27.0	08/18–08/24	TS
4	87-2	–	15.0	–34.0	08/30–09/03	TD
5	87-3	–	12.5	–62.0	09/05–09/06	TD
6	8704	CINDY	16.0	–31.5	09/05–09/10	TS
7	8705	DENNIS	11.0	–26.0	09/08–09/20	TS
8	8706	EMILY	11.0	–56.0	09/20–09/26	T
9	8707	FLOYD	15.5	–82.5	10/09–10/14	T
10	87-4	–	16.0	–77.5	10/31–11/04	TD

No information about N 8701 is available.

4. North Indian Ocean — 6 TC

N	Number	Name	Lat	Long	Dates	Max Stage
1	8701	NO NAME	5.0	89.5	01/30–02/04	STS
2	8702	NO NAME	16.9	89.5	06/01–06/05	TS
3	8703	NO NAME	16.3	62.3	06/05–06/11	STS
4	8704	NO NAME	13.0	87.5	10/14–10/15	TS
5	8705	NO NAME	9.5	84.5	10/30–11/03	STS
6	8706	NO NAME	14.0	89.5	11/11–11/13	TS

5. South Indian Ocean — 15 TC, 3 TD

N	Number	Name	Lat	Long	Dates	Max Stage
1	8701	NO NAME	–15.5	53.6	01/02–01/05	TS
2	87-1	–	–6.5	76.0	01/07–01/08	TD
3	8702	ALININA	–12.6	67.6	01/15–01/23	STS
4	87-2	–	–18.0	120.0	01/18–01/20	TD
5	8703	NO NAME	–15.0	124.0	01/31–02/07	TS
6	8704	BEMAZAVA	–14.0	66.0	02/05–02/08	TS
7	8705	CLOTILDA	–19.5	51.2	02/09–02/21	T
8	8706	NO NAME	–19.0	70.3	02/14–02/17	TS
9	8707	ELSIE	–15.0	120.0	02/22–02/26	TS
10	8708	DAOQO	–13.5	72.5	03/01–03/17	T
11	87-3	–	–15.0	76.5	03/29–03/31	TD
12	8709	KAY	–12.0	128.0	04/11–04/17	STS
13	8710	ELISABETA	–26.0	45.0	04/21–04/26	STS
14	8711	NO NAME	–14.6	73.8	04/23–04/26	TS
15	8712	NO NAME	–6.7	73.8	11/03–11/10	TS
16	8713	NO NAME	–8.5	44.5	11/22–11/25	TS
17	8714	ARINY	–11.0	88.0	12/09–12/15	T
18	8715	BENANDRO	–10.7	70.1	12/24–01/01	STS

6. Southwest Pacific Ocean — 8 TC

N	Number	Name	Lat	Long	Dates	Max Stage
1	8701	TYSI	–10.0	–170.0	01/17–01/22	TS
2	8702	IMA	–14.0	163.0	02/05–02/11	TS
3	8703	JASON	–13.0	139.0	02/07–02/13	TS
4	8704	NO NAME	–23.0	–162.0	03/04–03/05	TS
5	8705	YLI	–16.0	162.0	03/08–03/12	TS
6	8706	ZUMAN	–12.0	–171.0	04/22–04/26	TS
7	8707	BLANCHE	–11.0	162.0	05/22–05/25	STS
8	8708	NO NAME	–19.0	–176.0	12/25–12/28	TS

1987. Evolution

1987. Northwest Pacific Ocean

1. TC = NWP8701 Name = ORCHID All Points = 15

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/09	0	7.0	149.0	1002	15	W	5
2	TS	01/09	6	7.5	148.2	998	18	NW	10
3	STS	01/09	12	8.4	144.8	994	26	WNW	16
4	STS	01/10	0	8.9	143.5	990	26	WNW	15
5	STS	01/10	6	9.2	142.0	985	28	WNW	10
6	T	01/10	12	9.7	140.5	980	33	WNW	10
7	T	01/11	0	10.1	138.0	955	41	WNW	13
8	T	01/11	12	10.7	135.8	965	36	W	12
9	T	01/11	18	10.9	134.8	970	38	W	12
10	T	01/12	0	11.0	134.1	985	33	W	8
11	T	01/12	12	11.5	132.8	975	36	WNW	7
12	T	01/12	18	11.9	132.1	980	36	WNW	5
13	STS	01/13	6	11.9	131.2	992	28	SW	6
14	TS	01/13	18	11.3	130.0	996	21	W	7
15	TD	01/14	0	11.5	128.0	1002	15	W	10

2. TC = NWP8702 Name = PERCY All Points = 24

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	04/05	6	4.0	153.0	1004	13	WNW	10
2	TD	04/06	0	4.0	150.5	1004	13	W	10
3	TD	04/06	6	4.0	150.0	1004	13	W	3
4	TD	04/06	12	5.0	149.5	1004	15	NW	10
5	TD	04/07	0	5.0	150.5	1004	15	E	3
6	TD	04/07	6	5.0	149.5	1004	15	W	5
7	TD	04/07	12	5.0	148.5	1004	15	W	8
8	TD	04/10	12	8.0	144.0	1004	15	NW	10
9	TD	04/11	0	9.8	143.0	1006	15	WNW	10
10	TS	04/11	6	9.8	142.4	1000	23	W	5
11	TS	04/11	12	10.0	142.0	1000	23	NW	3
12	TS	04/11	19	10.3	141.3	1000	23	WNW	8
13	TD	04/12	0	11.0	140.0	1004	15	NW	10
14	TD	04/12	6	10.5	140.5	1004	15	SE	5
15	TD	04/13	0	12.0	138.0	1006	15	NW	10
16	TD	04/13	6	12.5	137.5	1006	15	NW	5
17	TD	04/13	12	13.0	135.0	1008	13	WNW	10
18	TD	04/14	0	14.0	133.0	1008	13	WNW	10
19	TD	04/14	6	15.0	132.0	1008	13	WNW	15
20	TD	04/14	12	14.0	131.5	1008	13	SSW	10
21	TD	04/15	0	14.0	129.5	1008	13	W	10
22	TD	04/15	6	14.0	129.0	1008	13	W	10
23	TD	04/16	0	14.0	127.8	1010	13	W	5
24	TD	04/16	6	14.5	127.5	1010	13	NW	3

3. TC = NWP8703 Name = RUTH All Points = 8

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/17	0	17.5	116.0	1000	10	N	10
2	TD	06/18	0	19.0	116.0	996	15	N	10
3	TS	06/18	6	19.8	114.3	992	23	NW	8
4	TS	06/18	18	20.4	113.5	992	23	WNW	8
5	TS	06/19	0	21.4	111.9	994	18	WNW	8

6	TD	06/19	6	23.0	112.0	996	15	N	10
7	TD	06/19	12	22.4	109.8	1000	15	WSW	10
8	TD	06/19	18	23.1	109.1	1002	15	NW	8

4. TC = NWP8704 Name = SPERRY All Points = 21

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/26	0	11.0	142.0	1008	15	W	10
2	TD	06/26	12	11.5	137.0	1008	15	W	15
3	TD	06/27	0	12.7	136.8	1006	15	N	8
4	TS	06/27	6	13.0	136.6	996	21	NW	3
5	TS	06/27	12	13.6	136.0	992	23	NW	8
6	STS	06/27	18	14.0	135.0	990	26	WNW	8
7	STS	06/28	0	14.4	135.6	985	28	NE	6
8	STS	06/28	6	14.8	135.3	980	31	NNW	6
9	T	06/28	12	15.2	135.0	975	33	N	6
10	T	06/29	0	17.0	134.4	975	33	NNW	8
11	T	06/29	6	18.2	133.6	980	33	NNW	10
12	T	06/29	12	19.5	133.2	980	33	NNW	13
13	STS	06/30	0	21.9	131.5	980	31	NW	12
14	STS	06/30	6	22.8	131.3	985	31	NNW	10
15	STS	06/30	12	24.8	131.3	985	31	N	15
16	TS	07/01	0	28.3	132.6	990	23	NNE	18
17	TS	07/01	6	29.8	134.7	990	23	NE	22
18	TS	07/01	12	30.5	136.9	990	23	NE	20
19	TS	07/01	18	31.4	140.3	990	23	ENE	25
20	L	07/02	0	32.0	144.0	992	18	ENE	30
21	L	07/02	6	33.0	146.0	996	18	E	20

5. TC = NWP8705 Name = THELMA All Points = 31

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/07	12	11.5	150.0	1005	13	NW	5
2	TD	07/08	12	16.0	147.0	1000	15	NW	15
3	TS	07/09	6	16.3	141.1	990	23	W	5
4	STS	07/09	12	16.7	139.8	980	31	WNW	15
5	STS	07/10	0	16.9	137.1	975	31	WNW	15
6	T	07/10	6	17.4	135.4	970	33	WNW	15
7	T	07/10	12	17.8	134.0	960	41	WNW	15
8	T	07/10	18	18.0	132.6	950	44	WNW	17
9	T	07/11	0	18.0	131.3	940	46	W	13
10	T	07/11	6	19.9	130.2	935	46	W	13
11	T	07/11	12	18.0	128.4	915	51	W	12
12	T	07/11	18	18.0	128.2	915	51	W	9
13	T	07/12	0	18.1	127.4	920	51	W	8
14	T	07/12	6	17.8	126.9	920	51	W	7
15	T	07/12	12	18.2	126.6	930	46	W	8
16	T	07/12	18	18.9	126.3	935	46	W	8
17	T	07/13	0	20.1	126.0	960	41	NNW	12
18	T	07/13	6	21.0	125.4	955	41	NNW	10
19	T	07/13	12	22.2	125.6	950	41	N	11
20	T	07/13	18	23.5	125.5	950	41	N	13
21	T	07/14	0	24.9	125.0	950	38	N	15
22	T	07/14	6	26.0	124.8	950	38	N	13
23	T	07/14	12	27.2	124.9	950	38	N	13
24	T	07/15	0	29.6	125.6	945	41	NNE	15
25	T	07/15	6	31.7	126.2	950	41	N	20
26	L	07/15	12	34.1	127.1	960	38	NE	20
27	L	07/15	18	36.6	128.5	980	31	NE	20
28	L	07/16	0	40.0	130.1	980	31	NNE	20
29	L	07/16	6	41.0	131.0	980	21	NE	20
30	L	07/16	12	43.0	131.0	988	18	NE	10

31 L 07/17 0 47.0 132.0 992 18 N 10

6. TC = NWP8706 Name = VERNON All Points = 20

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/16	6	12.0	135.0	1002	15	W	3
2	TD	07/16	12	12.0	134.0	1002	15	NW	10
3	TD	07/17	6	13.0	133.0	1000	15	NW	15
4	TD	07/17	12	13.0	132.0	1000	15	W	10
5	TD	07/18	0	13.0	131.0	1000	15	W	10
6	TD	07/18	6	14.0	129.0	1000	15	WNW	10
7	TD	07/18	12	14.0	128.0	1000	15	W	10
8	STS	07/19	0	16.8	126.1	985	26	NW	12
9	STS	07/19	6	16.3	126.3	985	28	NNW	10
10	STS	07/19	12	17.9	125.7	980	28	NNW	10
11	STS	07/19	18	18.5	124.7	980	28	NNW	10
12	STS	07/20	0	19.1	124.0	980	28	WNW	8
13	STS	07/20	6	20.0	123.9	980	31	NW	7
14	STS	07/20	12	21.2	123.4	980	31	NNW	12
15	STS	07/21	0	23.0	122.2	985	28	NW	10
16	STS	07/21	6	25.8	122.2	985	28	N	16
17	STS	07/21	12	26.1	121.3	985	28	WNW	10
18	TS	07/21	18	27.0	121.5	990	23	NNE	10
19	TD	07/22	0	28.5	122.0	1000	13	NNE	18
20	TD	07/22	6	31.0	124.0	1000	13	NNE	20

7. TC = NWP8707 Name = WYNNE All Points = 42

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/22	0	8.0	173.0	1008	13	NW	15
2	TS	07/22	6	9.0	169.0	1000	21	WNW	17
3	TS	07/22	12	10.0	167.5	1000	21	WNW	20
4	TS	07/23	0	11.2	163.3	1000	21	W	20
5	TS	07/23	6	11.0	162.0	996	21	WNW	20
6	STS	07/23	12	11.0	160.5	990	26	W	15
7	STS	07/23	18	11.3	159.1	985	26	W	12
8	STS	07/24	0	12.1	157.6	985	31	WNW	15
9	T	07/24	6	13.1	156.2	970	33	NW	15
10	T	07/24	12	13.6	154.5	955	38	WNW	17
11	T	07/25	0	15.0	151.0	950	41	WNW	16
12	T	07/25	6	15.7	149.7	925	49	WNW	16
13	T	07/25	12	16.4	148.3	925	49	WNW	15
14	T	07/25	18	17.2	146.7	940	46	WNW	16
15	T	07/26	0	17.8	145.0	920	51	NW	16
16	T	07/26	6	18.5	143.5	920	51	NW	16
17	T	07/26	12	19.0	142.0	920	51	WNW	15
18	T	07/26	18	19.5	140.6	920	51	WNW	16
19	T	07/27	0	20.0	139.3	925	51	WNW	14
20	T	07/27	6	20.6	138.2	925	49	WNW	13
21	T	07/27	12	21.4	136.9	930	49	NW	13
22	T	07/27	18	21.4	136.9	930	49	NW	11
23	T	07/28	0	22.8	134.9	930	49	NW	11
24	T	07/28	6	23.6	134.0	930	49	W	11
25	T	07/28	12	24.6	133.4	925	51	NNW	12
26	T	07/28	18	25.7	132.8	930	49	N	11
27	T	07/29	0	26.7	132.3	935	46	N	11
28	T	07/29	3	27.6	132.9	940	44	N	11
29	T	07/29	6	27.8	132.2	945	41	N	11
30	T	07/29	12	28.9	132.2	950	41	N	11
31	T	07/29	18	30.4	133.1	965	33	NNE	20
32	STS	07/30	0	31.6	134.3	980	28	NE	16
33	STS	07/30	6	32.1	135.8	980	31	ENE	15

34 STS 07/30 12 32.7 137.4 980 31 ENE 15

35 STS 07/30 18 32.9 140.0 980 31 ENE 15

36 L 07/31 0 32.7 143.0 980 31 ENE 25

37 L 07/31 6 32.5 145.1 980 31 E 20

38 L 07/31 12 32.6 147.7 980 28 E 20

39 L 07/31 18 32.9 150.0 980 28 E 22

40 L 08/01 0 33.8 151.8 990 23 ENE 18

41 L 08/01 6 34.4 152.7 992 21 NE 15

42 L 08/01 18 36.0 154.0 996 18 NE 15

8. TC = NWP8708 Name = ALEX All Points = 29

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/22	0	8.0	140.0	1010	13	NW	15
2	TD	07/22	6	9.5	139.0	1006	13	NW	15
3	TD	07/22	12	9.5	138.5	1006	13	NW	15
4	TD	07/23	0	10.5	134.5	1002	15	NW	15
5	TD	07/23	6	10.5	132.5	1000	15	WNW	15
6	TS	07/23	12	10.7	131.4	996	21	WNW	12
7	TS	07/24	0	12.5	129.5	990	23	WNW	12
8	TS	07/24	6	14.2	129.2	990	23	WNW	18
9	TS	07/24	12	15.5	127.6	990	23	NW	12
10	STS	07/25	0	16.2	126.0	980	28	NW	14
11	STS	07/25	6	17.2	125.7	975	31	NW	9
12	STS	07/25	12	18.4	124.9	975	31	NW	10
13	T	07/25	18	18.6	123.9	970	33	WNW	14
14	T	07/26	0	20.1	122.5	970	33	WNW	14
15	STS	07/26	6	21.2	122.4	975	31	NW	12
16	STS	07/26	12	22.3	122.4	975	31	N	12
17	T	07/26	18	23.7	122.3	970	33	N	16
18	STS	07/27	0	25.1	121.5	975	31	NNW	18
19	STS	07/27	6	26.4	120.9	980	28	NNW	12
20	STS	07/27	12	27.7	120.8	985	26	N	18
21	STS	07/27	18	29.3	120.7	985	26	N	18
22	TS	07/28	0	30.7	120.6	996	21	N	15
23	TS	07/28	6	32.0	120.6	996	21	N	15
24	L	07/28	12	32.6	120.3	994	18	N	15
25	L	07/28	18	34.8	120.5	996	18	N	15
26	L	07/29	0	36.0	121.5	996	18	NE	15
27	L	07/29	6	37.0	122.0	996	18	NE	15
28	L	07/29	12	36.5	120.3	996	21	WSW	12
29	L	07/30	0	36.0	122.0	996	21	E	15

9. TC = NWP8709 Name = BETTY All Points = 30

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/08	0	4.0	132.5	1005	13	W	7
2	TD	08/08	12	9.5	133.5	1005	13	N	15
3	TS	08/09	0	10.6	132.1	996	18	WNW	5
4	TS	08/09	6	10.4	132.0	992	21	WNW	3
5	TS	08/09	12	10.3	131.3	992	23	WNW	5
6	STS	08/10	0	11.0	131.8	990	31	NNW	5
7	T	08/10	6	11.5	131.7	960	36	WNW	3
8	T	08/10	12	11.9	131.1	955	38	NW	3
9	T	08/10	18	12.0	130.4	940	44	WNW	8
10	T	08/11	0	13.1	129.1	915	49	WNW	8
11	T	08/11	6	12.3	128.7	905	51	SW	8
12	T	08/11	12	12.3	127.4	895	57	WNW	10
13	T	08/12	0	12.5	125.5	905	54	WNW	9
14	T	08/12	6	12.6	124.4	925	49	W	10
15	T	08/12	12	12.9	123.0	925	49	W	12
16	T	08/13	0	13.6	120.3	935	36	W	16

17	T	08/13	6	14.1	119.1	935	46	W	13
18	T	08/13	18	14.8	116.3	930	51	WNW	14
19	T	08/14	0	15.1	115.7	930	51	WNW	14
20	T	08/14	6	15.6	114.0	930	46	WNW	17
21	T	08/14	12	15.8	112.6	925	46	WNW	15
22	T	08/15	0	16.1	111.7	930	46	W	10
23	T	08/15	6	16.7	110.0	930	46	WNW	10
24	T	08/15	12	17.0	109.2	930	46	WNW	10
25	T	08/15	18	17.2	108.2	940	46	WNW	10
26	T	08/16	0	17.6	107.6	950	38	WNW	8
27	STS	08/16	6	17.8	106.2	975	31	WNW	8
28	TS	08/16	12	18.0	105.5	990	23	WNW	10
29	TS	08/16	18	17.9	107.3	990	21	W	10
30	TD	08/17	0	18.0	103.0	1002	15	W	13

10. TC = NWP8710 Name = NO NAME All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/05	12	26.0	136.0	1006	13	N	3
2	TD	08/06	0	27.0	137.0	1004	13	NE	8
3	TD	08/06	12	29.0	139.0	1005	13	NE	12
4	TD	08/07	0	30.0	140.0	1006	13	NE	10
5	TD	08/07	12	29.5	141.0	1004	15	ESE	8
6	TD	08/08	0	29.0	141.5	1004	15	SE	5
7	TD	08/08	12	29.5	142.0	1004	15	NE	5
8	TD	08/09	0	30.0	142.5	1004	15	NE	5
9	TD	08/09	12	30.5	142.0	1004	15	NW	5
10	TD	08/10	0	30.0	143.0	1004	15	E	8
11	TD	08/10	12	29.0	142.0	1004	15	SW	8
12	TS	08/11	0	32.5	140.8	1004	18	NNW	10
13	TD	08/11	6	33.0	141.5	1004	15	NE	7

11. TC = NWP8711 Name = CARY All Points = 37

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/12	6	11.0	136.0	1008	13	WNW	10
2	TD	08/13	0	13.5	134.0	1006	13	W	10
3	TS	08/13	6	14.2	132.5	996	23	WNW	18
4	STS	08/14	0	16.5	130.4	980	28	WNW	15
5	STS	08/14	6	16.9	128.9	980	28	WNW	11
6	STS	08/14	12	16.3	128.5	980	28	WNW	11
7	T	08/15	0	16.4	126.9	965	36	W	10
8	STS	08/15	6	16.3	127.0	975	31	0	0
9	STS	08/15	12	16.5	126.8	980	28	0	0
10	STS	08/15	18	16.5	126.2	980	28	W	3
11	STS	08/16	0	16.5	126.0	975	31	W	3
12	T	08/16	6	16.6	125.5	970	33	W	3
13	T	08/16	12	16.8	124.8	965	36	NW	6
14	T	08/16	18	16.8	124.5	965	36	0	0
15	T	08/17	0	16.4	123.8	965	36	WSW	6
16	T	08/17	6	16.4	123.6	965	36	0	0
17	T	08/17	12	16.2	123.1	965	41	W	5
18	T	08/17	18	16.1	122.6	965	36	W	3
19	STS	08/18	0	16.2	121.3	980	28	W	8
20	STS	08/18	6	16.7	120.4	985	28	W	8
21	STS	08/18	12	16.5	119.5	985	28	W	9
22	STS	08/18	18	15.4	118.5	980	28	W	9
23	STS	08/19	0	15.2	117.6	975	31	W	9
24	T	08/19	6	15.5	116.9	970	33	WNW	9
25	T	08/19	12	15.6	116.1	970	33	WNW	8
26	T	08/19	18	15.6	115.1	970	33	WNW	10
27	T	08/20	0	15.7	114.1	965	33	W	8

28	T	08/20	6	15.9	113.7	965	33	W	3
29	T	08/20	12	16.0	113.1	960	33	NW	6
30	T	08/20	18	16.0	112.5	965	33	W	6
31	T	08/21	0	16.3	112.0	965	33	WNW	6
32	T	08/21	6	16.5	111.3	970	33	WNW	7
33	T	08/21	12	17.3	110.4	970	33	NW	10
34	STS	08/21	18	18.1	109.1	975	31	WNW	16
35	STS	08/22	0	18.9	107.8	980	28	WNW	13
36	STS	08/22	6	18.6	106.9	985	26	WNW	13
37	TD	08/22	22	19.0	105.0	990	15	NW	10

12. TC = NWP8712 Name = DINAH All Points = 36

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/21	0	12.0	152.0	1006	15	NW	10
2	TD	08/21	6	13.0	151.5	1004	15	NW	15
3	TD	08/21	12	12.0	147.5	1000	15	WSW	15
4	TS	08/22	0	11.0	145.7	998	21	WSW	12
5	TS	08/22	6	11.0	144.2	994	21	W	13
6	TS	08/22	18	11.5	142.5	990	21	W	12
7	TS	08/23	0	11.5	141.5	990	23	W	10
8	TS	08/23	6	11.4	140.3	990	23	W	10
9	STS	08/23	12	11.7	139.3	985	26	W	10
10	STS	08/23	18	11.5	138.2	980	28	W	10
11	STS	08/24	0	12.7	137.3	975	31	W	10
12	T	08/24	6	13.0	136.2	970	33	WNW	10
13	T	08/24	12	13.3	134.4	970	33	WNW	10
14	T	08/24	18	14.1	133.6	960	38	WNW	10
15	T	08/25	0	16.2	132.9	960	38	NW	10
16	T	08/25	6	16.1	131.9	950	41	NW	12
17	T	08/25	12	16.8	131.3	940	46	NW	10
18	T	08/25	18	17.3	130.6	935	57	NW	10
19	T	08/26	12	19.1	129.8	920	51	NW	8
20	T	08/26	18	19.6	129.6	915	51	NW	10
21	T	08/27	0	20.0	129.2	915	51	NNW	6
22	T	08/27	6	20.3	128.8	915	51	NW	6
23	T	08/27	12	20.4	128.5	915	51	NW	5
24	T	08/28	0	21.0	127.7	930	46	NW	5
25	T	08/28	6	21.2	127.3	930	46	NW	3
26	T	08/28	12	21.4	127.1	935	46	NW	3
27	T	08/29	0	23.0	126.4	940	44	N	8
28	T	08/29	6	23.9	126.2	940	44	NNW	8
29	T	08/29	12	24.9	126.1	940	44	N	10
30	T	08/30	0	28.0	126.1	935	44	NNE	16
31	T	08/30	6	29.8	126.6	935	44	N	19
32	L	08/30	12	31.9	127.4	940	44	N	20
33	L	08/30	22	34.2	128.4	940	43	NNE	30
34	L	08/31	0	37.1	131.5	960	38	NE	33
35	L	08/31	6	39.4	133.2	960	38	NNE	28
36	L	08/31	12	43.0	134.0	970	31	NNE	25

13. TC = NWP8713 Name = FREDA All Points = 54

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/04	6	11.0	147.0	1004	15	W	3
2	TD	09/05	0	12.0	144.0	1006	15	WNW	10
3	TS	09/05	6	13.5	143.0	1004	18	WNW	10
4	TS	09/05	12	14.5	142.0	1002	18	NW	14
5	TS	09/06	0	14.8	140.9	998	21	WNW	8
6	TS	09/06	6	15.0	141.0	994	23	0	0
7	TS	09/06	12	15.1	141.1	990	23	0	0
8	TS	09/06	18	15.3	141.2	990	23	0	0

9	TS	09/07	0	14.8	141.0	990	23	S	3
10	STS	09/07	6	15.4	141.5	985	26	NE	5
11	STS	09/07	12	15.6	141.9	980	26	NE	3
12	STS	09/07	18	15.8	140.9	985	31	NW	7
13	T	09/08	0	15.5	141.0	980	36	0	0
14	T	09/08	6	15.7	140.0	965	36	NW	3
15	T	09/08	12	16.2	140.4	960	38	NW	3
16	T	09/08	18	16.4	139.8	955	38	WNW	6
17	T	09/09	0	16.6	139.1	945	44	WNW	7
18	T	09/09	6	16.7	138.6	935	46	WNW	7
19	T	09/09	12	16.8	138.5	925	49	WNW	6
20	T	09/09	18	17.0	137.6	920	51	WNW	6
21	T	09/10	0	17.0	137.2	915	54	0	0
22	T	09/10	6	17.7	137.3	915	54	N	5
23	T	09/10	12	17.4	137.0	915	54	NW	3
24	T	09/10	18	17.5	136.8	925	49	NW	3
25	T	09/11	0	17.6	136.9	945	44	WNW	3
26	T	09/11	6	17.8	137.4	945	44	ENE	1
27	T	09/11	12	18.9	137.4	945	44	N	3
28	T	09/12	0	18.8	138.0	950	41	E	3
29	T	09/12	6	19.0	138.4	950	41	ENE	1
30	T	09/12	12	19.5	138.4	950	38	N	3
31	T	09/12	18	20.2	139.1	955	38	NNE	8
32	T	09/13	0	20.8	139.2	960	38	N	6
33	T	09/13	6	21.2	139.3	955	38	N	3
34	T	09/13	12	22.6	139.8	950	38	NE	1
35	T	09/13	18	23.2	137.1	955	38	NNE	8
36	T	09/14	0	23.3	140.3	950	41	N	12
37	T	09/14	6	24.2	140.0	955	38	N	8
38	T	09/14	12	25.0	140.1	955	38	N	8
39	T	09/15	0	26.5	140.2	955	38	N	8
40	T	09/15	6	27.4	139.8	960	38	N	5
41	T	09/15	12	28.5	139.9	960	38	N	5
42	T	09/15	18	29.4	139.9	960	38	N	5
43	T	09/16	0	30.0	140.1	965	36	N	8
44	T	09/16	6	30.9	140.2	965	36	N	8
45	L	09/16	18	33.4	141.3	970	33	NNE	12
46	L	09/17	0	33.6	142.1	975	31	E	10
47	L	09/17	6	33.3	142.1	975	31	0	0
48	L	09/17	12	34.1	146.2	975	31	NE	17
49	L	09/17	18	35.0	148.0	980	28	NE	21
50	L	09/18	0	36.0	150.0	980	26	NE	18
51	L	09/18	6	36.8	152.0	976	26	NE	18
52	L	09/18	12	37.7	154.3	976	26	NE	22
53	L	09/18	18	39.7	157.0	976	26	NE	20
54	L	09/19	0	41.0	159.0	980	23	NE	20

14. TC = NWP8714 Name = GERALD All Points = 24

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/04	6	16.0	128.0	1002	15	0	0
2	TD	09/05	0	16.0	128.0	1000	15	0	0
3	TS	09/05	6	16.5	126.5	998	18	NW	10
4	TS	09/05	12	16.9	126.8	990	23	N	3
5	STS	09/05	18	17.3	126.6	985	26	WNW	5
6	STS	09/06	0	17.5	126.4	985	26	WNW	5
7	STS	09/06	6	17.3	126.3	985	26	NW	3
8	STS	09/06	12	18.0	126.0	980	28	WNW	3
9	STS	09/07	0	18.2	126.1	980	31	NW	3
10	STS	09/07	6	18.3	125.8	980	31	NW	3
11	T	09/07	12	18.9	125.6	975	33	N	3

12	T	09/07	18	19.4	125.2	970	36	NW	5
13	T	09/08	0	19.8	124.9	965	36	NW	5
14	T	09/08	6	20.1	124.0	960	38	NW	8
15	T	09/08	12	20.3	123.3	955	38	WNW	7
16	T	09/08	18	20.5	122.5	950	41	WNW	10
17	T	09/09	0	20.9	121.8	950	41	WNW	8
18	T	09/09	6	21.3	121.1	955	38	WNW	8
19	T	09/09	12	21.9	120.5	960	38	NW	8
20	STS	09/09	18	22.6	119.8	970	31	NW	6
21	STS	09/10	0	23.3	119.4	980	31	NNW	9
22	STS	09/10	6	24.5	119.0	985	26	NNW	10
23	STS	09/10	12	24.9	118.7	992	31	NNW	8
24	TD	09/11	0	26.5	116.5	1005	15	NW	10

15. TC = NWP8715 Name = HOLLY All Points = 46

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/05	0	12.5	170.0	1008	15	W	5
2	TD	09/05	6	13.0	169.0	1006	15	W	5
3	TD	09/05	12	13.0	168.5	1004	15	W	3
4	TS	09/05	18	13.0	168.0	1002	17	W	7
5	TS	09/06	0	12.5	166.0	996	21	NW	8
6	TS	09/06	6	12.3	165.1	992	23	WNW	9
7	STS	09/06	12	13.1	164.1	980	28	WNW	9
8	T	09/07	0	13.8	162.9	970	33	WNW	9
9	T	09/07	6	14.2	162.1	955	38	WNW	8
10	T	09/07	12	14.8	161.4	940	44	WNW	7
11	T	09/07	18	15.2	160.6	940	51	WNW	8
12	T	09/08	0	15.9	159.9	920	51	NW	9
13	T	09/08	6	16.4	159.1	920	51	NW	10
14	T	09/08	12	17.0	158.3	905	57	NW	9
15	T	09/08	18	17.4	157.4	905	57	WNW	12
16	T	09/09	0	17.7	156.8	900	57	WNW	10
17	T	09/09	6	18.1	156.1	900	57	WNW	10
18	T	09/09	12	18.8	155.7	900	57	WNW	8
19	T	09/09	18	18.7	155.7	900	57	WNW	6
20	T	09/10	0	19.4	155.6	900	57	N	6
21	T	09/10	6	20.1	155.4	900	54	N	6
22	T	09/10	12	20.6	156.8	915	51	N	6
23	T	09/10	18	21.3	155.8	920	49	N	6
24	T	09/11	0	22.2	155.9	930	46	N	6
25	T	09/11	6	23.1	155.9	935	46	N	8
26	T	09/11	12	24.2	155.9	935	46	N	8
27	T	09/12	0	25.5	155.2	940	44	N	10
28	T	09/12	6	26.0	155.0	945	41	N	3
29	T	09/12	12	26.5	155.8	950	41	NE	5
30	T	09/12	18	26.8	155.1	950	41	N	8
31	T	09/13	0	26.9	155.4	960	38	NNE	3
32	T	09/13	6	27.0	156.4	960	38	NNE	6
33	T	09/13	12	27.1	157.1	955	38	NE	8
34	T	09/13	18	27.6	158.2	960	38	ENE	11
35	STS	09/14	0	27.9	158.4	975	31	NE	10
36	STS	09/14	6	28.6	158.6	980	28	NE	9
37	STS	09/14	12	28.8	158.5	985	31	NE	9
38	STS	09/15	0	29.0	159.0	985	26	NE	3
39	STS	09/15	6	29.4	158.7	975	31	N	3
40	STS	09/15	12	29.6	158.3	980	28	N	1
41	STS	09/15	18	29.8	158.5	985	26	NW	3
42	TS	09/16	0	30.1	158.2	990	23	NW	3
43	TS	09/16	6	30.4	158.1	990	23	NNW	3
44	TS	09/16	18	31.2	158.2	992	21	N	3

45 L 09/17 0 32.3 159.5 992 21 NE 10
 46 L 09/17 6 33.4 159.8 992 21 NNE 8

16. TC = NWP8716 Name = IAN All Points = 38

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/23	0	16.5	146.5	1008	15	W	10
2	TD	09/23	12	17.0	145.0	1006	15	WNW	10
3	TS	09/24	0	16.6	145.4	1000	18	SE	3
4	TS	09/24	6	17.0	146.0	996	21	NE	5
5	TS	09/24	12	17.0	145.0	980	21	W	5
6	STS	09/25	0	18.1	143.4	980	28	WNW	8
7	T	09/25	6	18.9	142.7	970	33	NW	9
8	T	09/25	18	19.9	141.5	960	36	NW	9
9	T	09/26	0	20.7	140.9	960	38	NW	9
10	T	09/26	6	21.5	140.3	960	38	NNW	10
11	T	09/26	18	22.6	139.1	955	38	NW	8
12	T	09/27	0	23.1	138.6	955	38	NNW	8
13	T	09/27	6	23.4	138.2	955	38	NW	6
14	T	09/27	12	23.4	138.0	955	38	NW	3
15	T	09/27	18	23.5	137.9	955	38	WNW	3
16	T	09/28	0	23.6	137.9	955	38	0	0
17	T	09/28	6	23.7	137.8	960	36	0	0
18	T	09/28	12	23.7	138.0	960	36	0	0
19	T	09/28	18	23.5	138.0	960	36	0	0
20	T	09/29	0	23.6	138.2	960	36	0	0
21	T	09/29	6	23.8	138.3	965	36	0	0
22	T	09/29	12	24.0	137.5	965	36	W	5
23	STS	09/30	0	24.8	137.1	965	31	NNW	3
24	STS	09/30	6	24.2	137.0	975	31	N	3
25	STS	09/30	12	24.6	137.1	980	26	N	1
26	STS	09/30	18	25.3	137.1	975	31	N	5
27	STS	10/01	0	26.0	138.1	980	28	NE	8
28	STS	10/01	6	26.9	138.5	985	28	NE	8
29	STS	10/01	12	26.2	139.7	985	28	ESE	8
30	STS	10/01	18	27.9	140.2	985	28	NE	12
31	TS	10/02	0	28.9	141.4	992	23	NE	15
32	TS	10/02	6	29.8	142.2	992	23	NE	10
33	TS	10/02	12	30.3	144.4	994	23	ENE	13
34	TS	10/03	0	32.2	148.2	992	23	ENE	13
35	L	10/03	6	33.1	150.4	992	23	ENE	15
36	L	10/03	18	36.0	155.5	994	21	NE	20
37	L	10/04	0	37.0	158.0	994	21	ENE	25
38	L	10/04	6	38.8	160.5	996	21	NE	25

17. TC = NWP8717 Name = JUNE All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/29	0	23.0	156.0	1000	15	W	10
2	TD	09/29	12	23.5	153.0	1000	15	W	10
3	TS	09/30	0	26.5	149.3	994	23	NW	15
4	TS	09/30	6	27.7	148.4	994	23	NW	15
5	TS	09/30	12	28.8	148.8	992	23	N	8
6	TS	09/30	18	28.4	149.1	995	21	NE	3
7	TS	10/01	0	29.5	149.1	992	23	N	6
8	TS	10/01	12	31.0	150.0	994	21	NNE	7
9	TS	10/01	18	31.8	150.9	996	21	NE	7
10	L	10/02	0	31.5	151.5	1000	15	NE	8
11	L	10/02	6	33.0	153.0	1004	15	NE	10

18. TC = NWP8719 Name = KELLY All Points = 26

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/09	12	12.0	138.5	1002	15	N	3
2	TD	10/10	0	13.0	138.0	1000	15	NW	5
3	TD	10/10	12	13.0	138.0	1000	15	0	0
4	TS	10/10	18	14.5	138.0	994	21	N	3
5	TS	10/11	0	14.9	138.3	994	21	N	3
6	TS	10/11	6	15.3	137.8	993	23	NNW	6
7	STS	10/11	18	16.2	137.2	985	26	WNW	8
8	STS	10/12	0	16.5	137.2	980	28	N	3
9	STS	10/12	6	16.9	137.0	975	31	NNW	3
10	T	10/12	12	17.4	137.0	970	33	N	5
11	T	10/13	0	18.4	136.0	960	38	NW	8
12	T	10/13	6	18.9	136.4	960	38	NNW	8
13	T	10/13	18	20.2	135.7	960	38	NNW	10
14	T	10/14	0	21.3	135.2	960	38	NNW	10
15	T	10/14	6	22.5	134.3	960	38	NNW	14
16	T	10/14	12	23.2	134.3	960	38	NNW	10
17	T	10/14	18	24.2	133.0	960	38	NNW	13
18	T	10/15	0	25.6	132.4	955	38	NW	11
19	T	10/15	6	25.7	132.0	955	38	0	0
20	T	10/15	18	27.6	131.9	955	38	N	12
21	T	10/16	0	29.0	132.5	955	38	NNE	14
22	T	10/16	6	30.4	132.5	965	36	N	12
23	T	10/16	12	32.3	133.5	970	36	NNE	14
24	L	10/17	0	36.9	136.4	985	28	NNE	28
25	L	10/17	6	39.5	139.2	985	28	NE	30
26	L	10/18	0	44.0	148.0	990	18	ENE	30

19. TC = NWP8720 Name = LYNN All Points = 41

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	10/15	12	10.0	156.0	1008	10	N	5
2	TD	10/16	0	12.0	156.0	1004	15	N	8
3	TS	10/16	6	13.5	155.5	1002	18	NNW	15
4	TS	10/17	0	13.4	152.0	994	23	W	11
5	TS	10/17	6	13.5	151.0	990	23	W	11
6	TS	10/17	18	13.5	148.3	990	23	W	12
7	STS	10/18	0	13.5	147.4	975	31	W	11
8	T	10/18	6	14.2	146.6	970	33	WNW	8
9	T	10/18	12	14.7	146.1	970	33	WNW	9
10	T	10/18	18	15.1	145.3	970	33	WNW	9
11	T	10/19	0	15.7	144.6	965	36	NW	8
12	T	10/19	6	16.2	143.5	960	38	WNW	11
13	T	10/19	12	16.6	143.7	950	41	WNW	10
14	T	10/19	18	16.9	142.1	940	46	WNW	8
15	T	10/20	0	17.1	141.2	930	51	NW	8
16	T	10/20	6	17.7	140.0	920	51	WNW	10
17	T	10/20	12	17.8	139.2	915	68	WNW	12
18	T	10/20	18	17.8	138.0	915	68	WNW	10
19	T	10/21	0	18.0	137.1	920	51	WNW	10
20	T	10/21	6	18.2	135.2	925	49	WNW	10
21	T	10/21	12	18.5	134.0	925	49	W	15
22	T	10/22	0	18.2	130.7	935	46	W	15
23	T	10/22	6	18.1	129.2	935	41	W	10
24	T	10/22	12	18.1	127.9	935	46	W	13
25	T	10/22	18	18.1	126.4	935	46	W	13
26	T	10/23	0	18.3	124.9	940	44	W	12
27	T	10/23	6	18.7	123.7	940	44	WNW	12
28	T	10/23	12	18.8	122.3	940	46	WNW	12
29	T	10/23	18	19.0	121.5	940	44	W	10

30	T	10/24	0	19.3	121.0	960	41	WNW	5
31	T	10/24	6	19.6	120.6	955	38	WNW	5
32	T	10/24	12	19.9	120.0	955	38	NW	6
33	T	10/25	0	20.8	119.4	965	36	NW	1
34	T	10/25	6	20.6	119.3	970	33	0	0
35	T	10/25	12	21.0	119.6	970	33	WNW	1
36	STS	10/25	18	21.2	118.9	975	31	0	0
37	STS	10/26	0	21.3	118.8	980	28	0	0
38	TS	10/26	6	21.3	118.8	990	23	0	0
39	TS	10/26	12	21.3	118.8	990	23	0	0
40	TD	10/27	0	21.0	117.5	1004	15	W	8
41	TD	10/27	6	21.0	117.0	1002	15	W	10

20. TC = NWP8721 Name = MAURY All Points = 20

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/11	0	12.5	134.5	1008	13	W	8
2	TD	11/11	12	13.0	133.0	1006	13	W	8
3	TD	11/12	0	14.0	132.5	1005	13	NW	5
4	TD	11/12	12	13.5	132.0	1005	13	SW	2
5	TD	11/13	0	13.0	129.5	1004	13	WSW	10
6	TD	11/13	12	13.0	127.0	1004	13	W	10
7	TD	11/14	0	12.0	126.0	1000	15	SW	8
8	TD	11/14	12	12.0	125.0	1002	15	W	8
9	TD	11/15	0	12.0	124.0	1004	15	W	8
10	TD	11/15	12	12.0	122.0	1005	15	W	10
11	TD	11/16	0	13.0	120.0	1006	15	NW	10
12	TD	11/16	12	13.5	118.0	1004	15	W	10
13	TS	11/16	18	14.0	115.5	1002	17	WNW	14
14	TS	11/17	0	14.0	114.0	1000	18	W	10
15	TS	11/17	6	14.0	112.0	992	23	W	10
16	TS	11/17	12	14.0	112.0	996	23	0	0
17	TS	11/18	0	13.0	111.5	998	21	WSW	8
18	TS	11/18	6	12.7	111.3	998	21	0	0
19	TS	11/19	0	13.5	110.5	1000	21	NW	8
20	TD	11/19	6	13.0	109.0	1004	15	W	8

21. TC = NWP8722 Name = NINA All Points = 41

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	11/19	0	5.0	161.0	1008	10	WSW	10
2	TS	11/19	18	4.0	158.0	1000	18	W	12
3	TS	11/20	0	6.0	156.2	996	21	NW	10
4	TS	11/20	6	6.0	154.0	992	23	WNW	18
5	STS	11/20	12	6.4	152.8	990	26	WNW	10
6	STS	11/20	18	7.1	151.1	985	26	WNW	17
7	STS	11/21	0	8.4	149.7	985	28	WNW	16
8	STS	11/21	6	9.1	147.9	985	28	WNW	15
9	STS	11/21	12	9.3	145.6	985	31	WNW	15
10	STS	11/21	18	9.6	143.8	975	31	W	20
11	T	11/22	6	10.3	141.1	970	33	W	16
12	T	11/22	18	10.8	137.2	970	33	W	10
13	T	11/23	0	11.4	136.0	970	36	W	10
14	T	11/23	6	10.8	134.6	965	38	W	13
15	T	11/23	12	11.0	133.5	965	38	W	13
16	T	11/23	18	11.4	132.6	975	36	W	13
17	T	11/24	0	11.0	131.6	965	38	W	10
18	T	11/24	6	11.6	130.6	965	38	W	9
19	T	11/24	12	11.4	129.8	965	38	W	9
20	T	11/24	18	12.4	128.7	955	41	WNW	12
21	T	11/25	0	12.6	127.5	940	46	WNW	10
22	T	11/25	6	12.9	126.1	940	46	WNW	10

23	T	11/25	12	13.2	124.1	940	46	WNW	12
24	T	11/25	18	13.4	122.7	940	46	W	15
25	T	11/26	3	13.8	120.4	945	44	W	15
26	T	11/26	6	14.2	119.1	950	41	WNW	17
27	T	11/26	12	14.7	117.1	950	46	WNW	11
28	T	11/26	18	15.4	115.4	950	46	WNW	10
29	T	11/27	0	15.9	115.1	960	38	WNW	14
30	T	11/27	12	17.5	112.9	960	41	WNW	15
31	T	11/27	18	18.5	112.8	965	36	N	8
32	T	11/28	0	19.3	113.0	970	33	N	8
33	T	11/28	6	20.0	113.3	970	33	NNE	3
34	STS	11/28	12	20.2	114.0	975	31	ENE	3
35	STS	11/28	18	20.0	115.0	980	28	E	9
36	TS	11/29	0	19.0	116.0	990	21	SE	10
37	TS	11/29	6	18.0	115.8	998	21	SSS	8
38	TS	11/29	12	17.5	116.5	1000	21	SE	3
39	TD	11/29	22	16.0	117.5	1004	15	SE	8
40	TD	11/30	0	15.5	115.5	1008	15	WSW	10
41	TD	11/30	12	15.5	115.5	1008	13	0	0

22. TC = NWP8723 Name = PHYLLIS All Points = 25

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	12/12	0	11.0	141.0	1004	15	N	8
2	TS	12/12	12	12.4	140.9	1000	23	NNW	10
3	TS	12/12	18	13.4	140.0	998	21	NNW	10
4	TS	12/13	0	13.5	139.1	996	21	N	8
5	TS	12/13	6	13.7	140.1	992	23	N	3
6	TS	12/13	12	13.8	140.0	992	23	0	0
7	TS	12/13	18	13.2	137.0	995	23	WSW	15
8	TS	12/14	0	12.4	137.1	992	23	S	7
9	TS	12/14	6	12.3	135.8	992	23	W	10
10	TS	12/14	12	12.2	134.1	995	21	W	10
11	STS	12/14	18	11.5	132.3	985	28	WSW	15
12	T	12/15	6	11.4	129.1	965	36	W	15
13	T	12/15	18	11.6	126.1	960	38	W	12
14	T	12/16	6	12.8	123.8	975	33	WNW	12
15	STS	12/16	18	12.8	122.7	980	28	W	12
16	STS	12/17	0	12.9	122.4	975	31	0	0
17	T	12/17	6	12.8	121.7	970	33	W	8
18	STS	12/17	18	12.7	120.2	980	31	W	9
19	STS	12/18	6	11.5	118.3	985	26	WSW	8
20	STS	12/18	12	12.4	117.2	985	26	WNW	7
21	STS	12/18	18	12.4	116.3	985	26	W	8
22	STS	12/19	0	12.4	115.4	985	26	W	8
23	TS	12/19	6	13.0	115.0	990	23	NW	7
24	TS	12/19	18	12.5	113.5	998	18	WSW	8
25	TD	12/20	18	10.5	111.5	1008	15	SW	7

1987. Northeast Pacific Ocean

1. TC = NEP8701 Name = ADRIAN All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/07	18	11.8	-98.0	1009	15	NE	8
2	TS	06/08	0	12.5	-97.4	1005	18	NE	8
3	TS	06/08	6	13.0	-96.8	1002	21	NE	8
4	TS	06/08	12	13.0	-97.3	1005	18	NE	5
5	TS	06/08	18	13.2	-97.5	1005	18	N	6

6 TD 06/09 0 13.1 -98.7 1009 15 SW 4
7 TD 06/09 12 13.5 -99.0 1009 15 SW 4

2. TC = NEP8702 Name = BEATRIZ All Points = 15

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/03	12	12.0	-116.0	1009	15	W	6
2	TD	07/03	18	12.8	-116.3	1009	15	W	6
3	TD	07/04	0	13.3	-117.0	1009	15	WNW	6
4	TS	07/04	6	13.5	-118.1	1005	18	W	8
5	TS	07/04	12	14.0	-118.6	1005	18	WNW	8
6	TS	07/04	18	14.6	-118.3	1005	18	NW	7
7	TS	07/05	0	15.2	-119.6	1005	18	NW	8
8	TS	07/05	6	15.7	-120.5	1002	21	NW	10
9	TS	07/05	12	16.3	-121.0	1000	23	NW	11
10	TS	07/05	18	17.5	-122.6	1000	23	NW	14
11	TS	07/06	0	18.4	-123.7	1002	21	NW	14
12	TS	07/06	6	19.2	-125.5	1005	18	WNW	18
13	TD	07/06	12	19.8	-127.2	1009	15	WNW	18
14	TD	07/06	18	20.7	-128.4	1010	13	WNW	16
15	L	07/07	0	20.5	-129.8	1012	10	W	13

3. TC = NEP8703 Name = CALVIN All Points = 15

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/05	18	12.5	-101.8	1009	13	W	13
2	TD	07/06	0	12.7	-103.0	1009	15	W	12
3	TS	07/06	6	12.8	-104.6	1005	18	W	14
4	TS	07/06	12	13.1	-106.8	1005	18	W	18
5	TS	07/06	18	13.9	-106.2	1005	18	WNW	11
6	TS	07/07	0	14.2	-107.3	1002	21	WNW	10
7	TS	07/07	6	14.5	-108.8	1000	23	WNW	14
8	TS	07/07	12	15.0	-110.4	1000	23	WNW	16
9	STS	07/08	6	14.8	-115.5	997	26	W	16
10	STS	07/08	12	15.1	-117.0	994	28	W	16
11	STS	07/08	18	14.8	-117.5	994	28	W	14
12	TS	07/09	0	15.0	-118.4	1000	23	W	10
13	TS	07/09	6	15.0	-119.7	1005	18	W	12
14	TD	07/09	12	15.4	-120.5	1009	15	WNW	11
15	TD	07/10	6	17.0	-122.2	1009	13	NW	7

4. TC = NEP8704 Name = DORA All Points = 21

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/15	0	15.6	-102.5	1009	13	NW	14
2	TD	07/15	6	15.9	-103.8	1009	15	WNW	13
3	TS	07/15	12	15.7	-105.3	1005	18	W	14
4	TS	07/15	18	16.0	-106.2	1005	18	W	12
5	TS	07/16	0	16.6	-108.5	1005	18	W	12
6	TS	07/16	6	16.9	-109.4	1005	18	W	15
7	TD	07/16	12	17.0	-110.0	1009	15	W	11
8	TS	07/16	18	17.0	-110.4	1005	18	W	10
9	TS	07/17	0	17.0	-110.8	1002	21	W	7
10	TS	07/17	6	17.0	-111.6	1002	21	W	7
11	STS	07/17	12	17.6	-112.3	997	26	WNW	7
12	STS	07/17	18	18.2	-112.7	997	26	WNW	7
13	TS	07/18	0	19.2	-113.7	1000	23	NW	8
14	TS	07/18	6	19.7	-114.1	1000	23	NNW	8
15	TS	07/18	12	20.2	-114.8	1002	21	NW	8
16	TS	07/18	18	20.5	-115.0	1005	18	NW	6
17	TS	07/19	0	21.0	-115.5	1005	18	NW	7
18	TD	07/19	6	21.7	-115.2	1009	15	N	6
19	TD	07/19	12	21.8	-116.2	1009	15	N	5

20 TD 07/19 18 22.3 -116.3 1009 13 NNW 5
21 TD 07/20 0 22.7 -116.6 1009 13 NNW 5

5. TC = NEP8705 Name = EVGENE All Points = 18

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/22	0	11.0	-97.2	1009	13	W	15
2	TD	07/22	6	11.0	-98.7	1009	13	W	15
3	TD	07/22	12	11.1	-99.2	1009	15	W	12
4	TS	07/23	0	13.0	-101.8	1005	18	WNW	12
5	TS	07/23	6	13.8	-101.9	1002	21	NW	9
6	TS	07/23	12	14.2	-102.0	1000	23	WNW	6
7	STS	07/23	18	15.1	-102.3	997	26	NNW	8
8	STS	07/24	0	15.9	-102.6	994	28	NNW	8
9	STS	07/24	6	15.9	-103.1	991	31	WNW	5
10	T	07/24	12	15.9	-103.9	987	33	WNW	6
11	T	07/24	18	16.1	-103.8	980	38	WNW	5
12	T	07/24	20	17.0	-104.0	980	38	NNW	5
13	T	07/25	0	17.7	-104.0	977	41	N	10
14	T	07/25	6	18.3	-104.3	974	44	NNW	7
15	T	07/25	12	19.1	-105.2	977	41	NW	10
16	STS	07/25	18	20.1	-105.2	997	26	NNW	8
17	TS	07/26	0	20.8	-105.5	1002	21	NNW	8
18	TD	07/26	6	21.7	-106.2	1009	15	NNW	9

6. TC = NEP8706 Name = FERNANDA Points = 28

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/24	6	12.0	-130.8	1009	13	NW	11
2	TD	07/24	12	12.1	-132.5	1009	13	W	15
3	TD	07/24	18	12.1	-133.5	1009	15	W	13
4	TD	07/25	0	12.2	-134.8	1009	15	W	13
5	TS	07/25	6	12.4	-136.8	1005	18	W	16
6	TS	07/25	12	12.5	-138.3	1000	23	W	16
7	TS	07/25	18	12.5	-138.8	1000	23	W	12
8	STS	07/26	0	12.6	-139.9	994	28	W	12
9	STS	07/26	6	12.7	-141.0	994	28	W	12
10	STS	07/26	12	12.8	-142.2	994	28	W	12
11	STS	07/26	18	12.9	-142.6	994	28	W	10
12	TS	07/27	0	13.0	-143.3	1000	23	W	8
13	TS	07/27	6	13.1	-144.1	1000	23	W	8
14	TS	07/27	12	13.2	-144.9	1000	23	W	9
15	STS	07/27	18	13.7	-146.6	997	26	WNW	11
16	TS	07/28	0	13.8	-148.0	1002	21	WNW	11
17	TS	07/28	6	14.2	-148.3	1002	21	WNW	11
18	TS	07/28	12	14.2	-149.4	1005	18	W	9
19	TD	07/28	18	13.4	-150.0	1009	15	W	10
20	TD	07/29	0	13.4	-150.3	1009	15	W	4
21	TD	07/29	6	13.3	-151.0	1009	15	W	6
22	TD	07/29	12	13.0	-152.5	1009	15	W	10
23	TD	07/30	0	12.8	-154.2	1010	13	W	9
24	TD	07/30	6	12.8	-155.3	1010	13	W	10
25	TD	07/30	18	12.6	-157.6	1010	13	W	11
26	TD	07/31	0	12.7	-158.7	1010	13	W	11
27	TD	07/31	6	12.8	-159.7	1010	13	W	10
28	TD	07/31	12	12.9	-160.5	1010	13	W	10

7. TC = NEP8707 Name = GREG All Points = 28

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/28	0	12.2	-100.2	1009	13	WNW	3
2	TD	07/28	6	12.3	-100.6	1009	13	W	4
3	TD	07/28	12	12.5	-101.0	1009	15	W	5

4	TD	07/28	18	13.2	-101.2	1009	15	NW	5
5	TD	07/29	0	13.8	-101.2	1009	15	NNW	7
6	TD	07/29	6	14.4	-101.4	1009	15	NNW	7
7	TS	07/29	10	14.8	-102.5	1002	21	NW	7
8	TS	07/29	12	14.9	-103.7	1002	21	WNW	11
9	TS	07/29	18	15.0	-104.8	1000	23	W	11
10	TS	07/30	0	15.1	-106.0	1000	23	W	11
11	TS	07/30	6	15.1	-107.0	1000	23	W	10
12	STS	07/30	12	16.1	-108.0	997	26	NW	12
13	STS	07/30	18	17.2	-108.8	997	26	NW	12
14	STS	07/31	0	17.5	-109.8	997	26	WNW	11
15	STS	07/31	6	17.6	-110.7	994	28	WNW	10
16	STS	07/31	12	18.3	-111.2	994	28	NNW	9
17	T	07/31	18	19.1	-111.8	987	33	NW	8
18	T	08/01	0	19.9	-112.6	983	36	NW	10
19	T	08/01	6	20.5	-113.6	983	36	WNW	10
20	STS	08/01	18	21.3	-116.0	991	31	WNW	9
21	STS	08/02	0	21.4	-117.3	991	31	W	12
22	STS	08/02	6	21.6	-118.1	994	28	W	9
23	TS	08/02	12	21.6	-119.0	1000	23	W	8
24	TD	08/02	18	21.7	-120.1	1009	15	W	8
25	TD	08/03	0	21.7	-121.2	1009	15	W	9
26	TD	08/03	6	21.7	-121.9	1009	13	W	8
27	TD	08/03	12	21.7	-122.8	1009	13	W	8
28	TD	08/03	18	21.7	-123.7	1009	13	W	7

8. TC = NEP8708 Name = HILLARY All Points = 33

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/01	0	11.0	-95.0	1009	15	WNW	5
2	TS	08/01	12	11.5	-95.6	1005	18	WNW	10
3	TS	08/01	18	12.0	-96.3	1002	21	WNW	9
4	TS	08/02	0	12.1	-97.3	1000	23	W	10
5	STS	08/02	6	12.1	-98.3	994	28	W	10
6	T	08/02	12	12.2	-99.3	987	33	W	10
7	T	08/02	18	12.5	-100.3	983	36	W	10
8	T	08/03	0	12.9	-101.5	980	38	WNW	11
9	T	08/03	6	13.3	-102.3	977	41	WNW	11
10	T	08/03	12	13.6	-103.4	970	46	W	11
11	T	08/03	18	14.2	-105.2	960	51	WNW	12
12	T	08/04	0	14.6	-106.4	956	54	WNW	13
13	T	08/04	6	14.7	-107.5	956	54	W	11
14	T	08/04	12	15.5	-110.4	974	44	WNW	10
15	T	08/04	18	15.2	-109.3	970	46	WNW	10
16	T	08/05	0	15.5	-110.3	974	44	WNW	10
17	T	08/05	6	15.7	-111.3	977	41	WNW	9
18	T	08/05	15	16.3	-112.1	974	44	NW	10
19	T	08/05	18	16.5	-113.1	965	49	WNW	10
20	T	08/06	0	17.1	-114.0	965	49	WNW	10
21	T	08/06	6	17.5	-114.8	970	46	WNW	10
22	T	08/06	12	18.1	-115.6	974	44	NW	10
23	T	08/06	18	19.0	-117.0	980	38	NW	12
24	T	08/07	0	19.2	-118.0	987	33	WNW	12
25	T	08/07	6	19.6	-118.9	987	33	WNW	10
26	STS	08/07	12	19.8	-119.8	991	31	WNW	10
27	STS	08/07	18	20.2	-120.3	991	31	WNW	9
28	STS	08/08	0	21.4	-121.0	991	31	NNW	10
29	STS	08/08	6	22.1	-122.1	994	28	NW	12
30	TS	08/08	12	22.0	-122.4	1000	23	NW	9
31	TS	08/08	18	21.6	-122.8	1005	18	W	6
32	TD	08/09	0	21.8	-123.2	1009	15	W	5

33 TD 08/09 6 22.3 -123.9 1009 15 WNW 6
 9. TC = NEP8709 Name = IRWIN All Points = 23

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/03	18	10.0	-90.5	1009	15	WNW	9
2	TS	08/04	0	10.4	-91.7	1005	18	WNW	10
3	TS	08/04	6	10.4	-92.4	1005	18	W	8
4	TS	08/04	12	10.8	-93.0	1005	18	WNW	8
5	TS	08/04	18	12.7	-93.0	1000	23	NW	7
6	TS	08/05	0	12.8	-93.0	1000	23	NW	10
7	STS	08/05	6	12.9	-94.7	997	26	WNW	9
8	TS	08/05	12	13.3	-95.3	1000	23	NW	10
9	TS	08/05	18	13.4	-95.3	1000	23	WNW	5
10	STS	08/06	0	13.6	-96.5	997	26	WNW	6
11	STS	08/06	6	13.8	-97.3	997	26	WNW	7
12	TS	08/06	12	14.5	-97.8	1000	23	WNW	8
13	STS	08/06	18	15.3	-99.1	994	28	WNW	10
14	STS	08/07	0	15.8	-100.1	994	28	WNW	12
15	STS	08/07	6	16.2	-101.3	994	28	WNW	12
16	STS	08/07	12	16.6	-102.1	994	28	WNW	10
17	STS	08/07	18	16.9	-103.0	994	28	WNW	9
18	STS	08/08	0	17.2	-104.0	994	28	WNW	10
19	STS	08/08	6	17.7	-105.3	994	28	WNW	12
20	STS	08/08	12	18.0	-106.2	994	28	WNW	10
21	STS	08/08	18	18.4	-106.9	994	28	WNW	9
22	TS	08/09	0	18.5	-108.0	1000	23	W	10
23	TD	08/09	6	18.7	-108.7	1009	13	WNW	8

10. TC = NEP8710 Name = IOWA All Points = 28

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/13	18	13.5	-119.5	1009	15	W	15
2	TD	08/14	0	13.6	-120.8	1009	15	W	13
3	TD	08/14	6	13.7	-121.6	1009	15	W	9
4	TS	08/14	12	13.7	-122.3	1005	18	W	8
5	TS	08/14	18	12.6	-122.8	1005	18	WSW	7
6	TS	08/15	0	12.3	-123.6	1005	18	WSW	8
7	TS	08/15	6	12.0	-124.5	1005	18	WSW	9
8	TS	08/15	12	11.8	-126.4	1005	18	W	11
9	TS	08/16	0	11.7	-128.1	1002	21	W	12
10	STS	08/16	6	11.7	-129.0	997	26	W	9
11	STS	08/16	12	11.8	-129.2	994	28	W	6
12	T	08/16	18	12.3	-129.6	987	33	WNW	6
13	T	08/17	0	12.9	-130.2	983	36	NW	7
14	T	08/17	6	13.2	-131.1	983	36	WNW	8
15	T	08/17	12	14.2	-132.0	970	46	NW	7
16	T	08/18	0	14.4	-132.8	970	46	WNW	8
17	T	08/18	6	14.6	-133.5	980	38	WNW	7
18	T	08/18	12	14.8	-133.8	980	38	WNW	5
19	T	08/18	18	15.0	-134.2	980	38	WNW	5
20	T	08/19	0	15.1	-135.3	980	38	WNW	7
21	T	08/19	6	15.3	-136.0	980	38	WNW	7
22	T	08/19	12	15.3	-136.8	987	33	W	7
23	STS	08/19	18	15.1	-138.7	994	28	W	11
24	TS	08/20	0	15.0	-140.5	1000	23	W	15
25	TS	08/20	6	14.9	-141.7	1002	21	W	12
26	TS	08/20	12	14.9	-143.8	1002	21	W	15
27	TD	08/20	18	14.8	-145.4	1009	15	W	16
28	TD	08/21	0	14.2	-147.2	1009	15	W	16

11. TC = NEP8711 Name = OXA All Points = 16

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/26	3	9.5	-147.0	1009	13	W	15
2	TD	08/26	6	9.5	-148.3	1009	13	W	15
3	TS	08/26	12	9.5	-149.5	1000	23	W	15
4	TS	08/26	18	9.5	-150.6	1002	21	W	12
5	TS	08/27	0	10.0	-151.9	1002	21	W	12
6	TS	08/27	6	10.2	-153.3	1002	21	W	12
7	TS	08/27	12	10.3	-154.6	1002	21	W	13
8	STS	08/27	18	11.5	-155.6	997	26	W	12
9	STS	08/28	0	12.0	-156.8	997	26	WNW	13
10	STS	08/28	6	12.5	-157.8	997	26	WNW	13
11	STS	08/28	12	12.8	-159.0	997	26	WNW	13
12	TS	08/28	18	13.2	-158.8	1002	21	WNW	9
13	TS	08/29	0	13.3	-159.8	1002	21	W	10
14	TS	08/29	6	13.3	-161.0	1002	21	W	10
15	TS	08/29	12	13.3	-162.0	1002	21	W	10
16	L	08/29	18	13.0	-162.0	1010	10	0	0

12. TC = NEP8712 Name = KNUT All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/28	18	10.2	-118.9	1009	15	W	17
2	TD	08/29	0	10.1	-120.3	1009	15	W	14
3	JS	08/29	6	10.0	-121.5	1005	18	W	12
4	TS	08/29	12	10.2	-122.7	1005	18	W	12
5	TS	08/29	18	10.2	-124.1	1005	18	W	13
6	TS	08/30	0	10.2	-125.3	1005	18	W	12
7	TD	08/30	6	10.3	-126.5	1009	15	W	12

13. TC = NEP8713 Name = LIDIA All Points = 19

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/29	12	12.2	-102.8	1009	13	W	14
2	TD	08/29	18	13.0	-103.9	1009	15	WNW	14
3	TS	08/30	0	13.4	-104.6	1005	18	WNW	11
4	TS	08/30	6	13.9	-105.8	1002	21	WNW	11
5	TS	08/30	12	14.6	-106.8	1000	23	WNW	11
6	TS	08/30	18	15.4	-107.4	1000	23	NW	11
7	TS	08/31	0	16.1	-109.0	1000	23	WNW	12
8	STS	08/31	12	16.8	-111.1	994	28	WNW	11
9	STS	08/31	18	16.8	-111.9	994	28	W	11
10	STS	09/01	0	16.6	-112.7	991	31	W	7
11	T	09/01	6	16.8	-113.5	983	36	W	7
12	T	09/01	12	17.6	-114.4	980	38	WNW	9
13	O	09/01	18	17.8	-115.0	980	38	WNW	8
14	T	09/02	0	18.2	-115.8	987	33	WNW	8
15	STS	09/02	6	18.7	-116.3	991	31	NW	7
16	STS	09/02	12	19.1	-116.7	997	26	NW	7
17	TS	09/02	18	19.2	-117.5	1000	23	NW	5
18	TS	09/03	0	19.6	-117.8	1005	18	NW	5
19	TD	09/03	6	20.0	-118.0	1009	13	NW	5

14. TC = NEP8714 Name = MAX All Points = 27

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/09	18	11.5	-101.4	1009	15	W	13
2	TS	09/10	0	11.2	-102.7	1005	18	W	13
3	TS	09/10	6	11.1	-104.0	1000	23	W	13
4	TS	09/10	12	11.2	-105.2	1000	23	W	12
5	STS	09/10	18	11.2	-106.3	997	26	W	11
6	STS	09/11	0	11.6	-107.3	991	31	WNW	10
7	T	09/11	6	11.9	-108.6	987	33	WNW	11

8	T	09/11	12	12.6	-110.1	977	41	WNW	9
9	T	09/12	0	13.2	-111.2	970	46	WNW	11
10	T	09/12	6	13.5	-112.5	960	51	WNW	12
11	T	09/12	12	13.9	-113.9	956	54	WNW	12
12	T	09/12	18	14.2	-114.9	948	60	WNW	10
13	T	09/13	0	14.7	-116.0	935	65	WNW	12
14	T	09/13	6	15.7	-116.8	926	70	WNW	10
15	T	09/13	12	16.0	-117.5	926	70	NW	9
16	T	09/13	18	16.7	-118.1	926	70	NW	9
17	T	09/14	0	17.5	-118.7	926	70	NW	10
18	T	09/14	6	17.9	-119.2	948	60	NW	9
19	T	09/14	12	18.8	-119.5	956	54	NNW	10
20	T	09/14	18	19.5	-119.8	960	51	N	8
21	T	09/15	0	20.0	-120.2	970	46	NNW	7
22	T	09/15	6	20.5	-120.3	980	38	NNW	6
23	T	09/15	12	21.4	-120.6	987	33	NNW	8
24	TS	09/15	18	21.3	-121.7	1000	23	WNW	8
25	TS	09/16	0	21.6	-122.5	1005	18	WNW	8
26	TD	09/16	6	21.7	-123.1	1009	15	W	7
27	TD	09/16	12	21.8	-123.4	1009	13	W	5

15. TC = NEP8715 Name = NORMA All Points = 23

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/14	12	15.2	-108.0	1009	13	WNW	10
2	TD	09/14	18	16.2	-108.3	1009	13	NW	10
3	TD	09/15	0	16.8	-109.0	1009	15	NW	10
4	TD	09/15	6	17.8	-110.2	1009	15	NW	13
5	TS	09/15	18	18.4	-111.4	1005	18	WNW	9
6	TS	09/16	0	18.7	-112.2	1005	18	WNW	9
7	TS	09/16	6	18.8	-112.8	1005	18	WNW	8
8	TS	09/16	12	19.1	-113.1	1005	18	WNW	6
9	TS	09/16	18	18.7	-112.9	1005	18	WNW	4
10	TS	09/17	0	19.2	-113.3	1005	18	WNW	4
11	TS	09/17	6	19.5	-113.7	1002	21	WNW	4
12	T	09/17	12	19.7	-113.4	987	33	NNW	3
13	T	09/17	18	20.2	-113.4	987	33	N	4
14	STS	09/18	6	20.8	-113.4	994	28	N	4
15	TS	09/18	12	21.4	-113.6	1000	23	N	5
16	STS	09/18	18	21.7	-113.4	997	26	N	4
17	STS	09/19	0	22.7	-112.9	997	26	NNE	9
18	TS	09/19	6	23.5	-112.5	1000	23	NNE	9
19	TS	09/19	12	24.0	-112.5	1000	23	NNE	9
20	TD	09/19	18	23.8	-112.7	1009	15	NNE	3
21	TD	09/20	0	23.9	-112.7	1009	15	0	0
22	TD	09/20	6	24.1	-112.6	1009	13	N	2
23	TD	09/20	12	24.3	-112.0	1009	13	E	3

16. TC = NEP8716 Name = OTIS All Points = 25

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/20	12	10.1	-121.6	1009	15	W	10
2	TS	09/20	18	11.5	-120.3	1005	18	N	8
3	TS	09/21	0	11.8	-120.4	1000	23	N	3
4	STS	09/21	6	12.5	-120.6	994	28	NNW	7
5	T	09/21	12	13.2	-120.8	987	33	NNW	7
6	T	09/21	18	13.8	-121.1	970	46	NNW	7
7	T	09/22	0	14.1	-121.7	970	46	NW	6
8	T	09/22	6	14.3	-121.9	961	51	WNW	5
9	T	09/22	18	15.1	-122.6	961	51	NW	5
10	T	09/23	0	15.5	-123.3	961	51	WNW	5
11	T	09/23	6	15.6	-123.8	970	46	W	5

12	T	09/23	12	16.0	-124.5	970	46	WNW	7
13	T	09/23	18	16.4	-125.0	970	46	WNW	6
14	T	09/24	0	16.8	-125.8	961	51	WNW	8
15	T	09/24	6	16.9	-126.4	961	51	WNW	7
16	T	09/24	12	17.1	-127.0	965	49	WNW	7
17	T	09/24	18	17.4	-127.8	977	41	WNW	7
18	T	09/25	0	17.6	-128.5	977	41	WNW	7
19	T	09/25	6	17.3	-129.2	980	38	WSW	7
20	STS	09/25	12	17.1	-130.7	994	28	WSW	11
21	TS	09/25	18	17.3	-132.4	1005	18	W	14
22	TD	09/26	0	17.2	-134.1	1009	15	W	15
23	TD	09/26	6	17.2	-135.7	1009	15	W	15
24	TD	09/26	12	17.3	-137.4	1009	15	W	16
25	TD	09/26	18	17.6	-138.7	1009	13	W	13

17. TC = NEP8717 Name = PEKE All Points = 51

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/21	18	11.0	-173.5	1009	15	W	10
2	TS	09/22	0	10.5	-174.5	1002	21	W	8
3	TS	09/22	6	10.5	-175.4	1000	23	W	9
4	TS	09/22	12	10.6	-176.3	1000	23	W	9
5	STS	09/22	18	11.3	-176.5	997	26	WNW	7
6	STS	09/23	0	12.2	-177.0	997	26	NW	8
7	STS	09/23	6	13.0	-177.8	997	26	NW	10
8	STS	09/23	12	13.8	-177.9	997	26	N	5
9	T	09/23	18	15.2	-177.4	980	38	N	9
10	T	09/24	0	16.0	-177.8	977	41	NW	9
11	T	09/24	6	16.3	-177.8	974	44	NW	4
12	T	09/24	12	16.7	-178.2	970	46	NNW	6
13	T	09/24	18	16.9	-178.2	970	46	NNW	4
14	T	09/25	0	17.0	-178.2	970	46	NNW	3
15	T	09/25	6	17.3	-178.3	970	46	NNW	3
16	T	09/25	12	17.4	-178.5	970	46	NW	3
17	T	09/25	18	17.5	-178.2	970	46	0	0
18	T	09/26	0	18.0	-178.1	970	46	N	3
19	T	09/26	6	18.6	-178.1	970	46	N	6
20	T	09/26	12	19.8	-178.3	970	46	NNW	10
21	T	09/26	18	20.6	-178.3	974	44	NNW	8
22	T	09/27	0	21.4	-178.3	974	44	N	8
23	T	09/27	6	22.4	-178.3	974	44	N	10
24	T	09/27	12	23.3	-178.9	974	44	NW	10
25	T	09/27	18	23.6	-179.8	974	44	WNW	10
26	T	09/28	0	23.5	-179.0	980	38	N	8
27	T	09/28	6	24.0	-179.5	-	41	NNW	6
28	T	09/28	12	23.3	-178.9	-	44	NW	10
29	T	09/28	18	23.6	-179.8	-	44	WNW	10
30	T	09/29	0	25.2	177.3	-	41	NW	12
31	T	09/29	6	25.7	176.1	-	41	WNW	8
32	T	09/29	12	26.4	174.5	950	41	NW	15
33	T	09/29	18	27.3	172.9	950	41	NNW	15
34	T	09/30	0	28.3	171.9	950	41	NNW	15
35	T	09/30	6	29.4	170.8	950	41	NNW	15
36	T	09/30	12	30.3	169.9	950	41	NW	13
37	T	09/30	18	31.1	169.5	960	41	NNW	10
38	T	10/01	6	31.9	169.2	955	38	N	8
39	T	10/01	12	31.7	169.5	955	38	N	5
40	T	10/01	18	31.6	169.9	965	36	E	3
41	STS	10/02	0	31.1	170.4	975	31	SE	3
42	STS	10/02	6	30.6	170.9	975	31	ESE	3
43	STS	10/02	12	30.0	171.7	980	28	ESE	8

44	STS	10/02	18	29.6	172.3	985	26	SE	6
45	TS	10/03	0	29.0	173.0	990	23	ESE	8
46	TS	10/03	6	28.5	173.5	994	21	ESE	6
47	TS	10/03	18	27.0	174.5	994	21	ESE	8
48	TS	10/04	0	28.5	174.0	994	21	NE	1
49	TS	10/04	6	28.0	173.0	996	18	ESE	5
50	TS	10/04	12	28.0	174.0	998	18	E	10
51	TD	10/05	0	28.2	174.3	1000	15	0	0

18. TC = NEP8718 Name = PILAR All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/30	12	20.5	-111.4	1009	15	NNW	7
2	TD	09/30	18	21.2	-111.0	1009	15	NNW	7
3	TS	10/01	0	21.6	-111.0	1005	18	N	5
4	TS	10/01	6	22.3	-110.8	1005	18	N	6
5	TD	10/01	18	23.0	-110.5	1009	15	N	1

19. TC = NEP8719 Name = RAMON All Points = 24

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/05	0	13.0	-104.0	1009	15	W	5
2	TS	10/05	18	13.2	-105.1	1005	18	WNW	14
3	TS	10/06	0	13.7	-105.9	1005	18	WNW	10
4	TS	10/06	6	12.8	-105.5	1005	18	WNW	8
5	TS	10/06	12	13.2	-106.3	1005	18	WNW	8
6	TS	10/06	18	13.5	-107.2	1005	18	WNW	9
7	TS	10/07	0	13.8	-108.1	1000	23	WNW	9
8	STS	10/07	6	14.0	-108.4	994	28	WNW	6
9	T	10/07	12	13.6	-109.7	987	33	W	8
10	T	10/07	18	14.1	-110.4	980	38	W	9
11	T	10/08	0	14.4	-111.0	977	41	WNW	7
12	T	10/08	6	14.7	-111.6	977	41	WNW	7
13	T	10/08	12	14.8	-112.1	965	49	WNW	6
14	T	10/08	18	14.6	-113.0	960	51	W	7
15	T	10/09	0	14.7	-113.6	952	57	W	7
16	T	10/09	6	14.9	-114.1	941	62	W	5
17	T	10/09	12	15.2	-114.9	941	62	WNW	7
18	T	10/09	18	15.5	-115.5	941	62	WNW	7
19	T	10/10	0	16.0	-116.2	941	62	WNW	7
20	T	10/10	6	16.4	-117.1	948	60	WNW	10
21	T	10/10	18	17.7	-118.6	952	57	NW	10
22	T	10/11	0	18.6	-118.9	960	51	NNW	10
23	T	10/11	6	19.7	-119.0	977	41	N	11
24	TD	10/12	12	22.0	-122.0	1009	15	NW	15

20. TC = NEP8720 Name = SELMA All Points = 17

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/27	0	9.5	-121.3	1009	13	W	15
2	TD	10/27	6	9.9	-122.4	1009	15	WNW	12
3	TD	10/27	12	10.5	-123.5	1009	15	WNW	13
4	TS	10/27	18	12.5	-124.5	1005	18	NW	15
5	TS	10/28	0	13.3	-125.0	1005	18	NNW	14
6	TS	10/28	6	14.4	-125.3	1005	18	NNW	13
7	TS	10/28	12	15.4	-125.4	1005	18	N	11
8	TD	10/28	18	16.5	-125.5	1009	15	N	11
9	TD	10/29	0	17.0	-125.5	1009	15	NNE	11
10	TD	10/29	12	18.2	-125.9	1009	15	N	6
11	TS	10/29	18	18.8	-126.0	1005	18	N	5
12	TS	10/30	0	20.0	-125.9	1005	18	N	10
13	TD	10/30	6	20.7	-125.8	1009	15	N	8
14	TD	10/30	12	21.3	-125.3	1009	13	NNE	8

15	TD	10/30	18	21.9	-123.6	1009	13	ENE	11
16	TD	10/31	0	23.1	-123.3	1010	13	NNE	11
17	L	10/31	6	24.1	-122.8	1012	10	NNE	12

1987. North Atlantic Ocean

1. TC = ATL87-1 Name = NO NAME All Points = 23

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	05/26	4	25.0	-68.4	1009	15	NNE	8
2	TD	05/26	10	25.5	-68.3	1009	15	NNE	5
3	TD	05/26	16	26.5	-69.5	1009	15	N	5
4	TD	05/26	22	25.5	-69.5	1009	15	S	8
5	TD	05/27	4	27.0	-69.0	1009	15	NNE	6
6	TD	05/27	16	26.0	-70.0	1009	15	SW	10
7	TD	05/27	22	26.0	-70.0	1009	15	0	0
8	TD	05/28	4	25.5	-70.0	1009	15	S	3
9	TD	05/28	10	25.5	-70.0	1009	15	0	0
10	TD	05/28	16	25.5	-71.5	1009	15	W	8
11	TD	05/28	22	25.5	-72.0	1009	15	W	5
12	TD	05/29	4	25.2	-73.2	1009	15	W	8
13	TD	05/29	10	25.5	-74.5	1009	15	W	8
14	TD	05/29	16	25.5	-75.0	1009	15	W	8
15	TD	05/29	22	25.5	-75.5	1009	15	W	8
16	TD	05/30	4	25.5	-75.8	1009	15	W	5
17	TD	05/30	10	25.5	-77.0	1009	15	W	7
18	TD	05/30	16	26.0	-78.0	1009	15	W	7
19	TD	05/31	4	24.9	-80.0	1009	15	SW	11
20	TD	05/31	10	24.7	-80.7	1009	15	W	10
21	TD	05/31	16	24.6	-80.6	1009	15	0	0
22	TD	05/31	22	24.4	-81.3	1009	15	SW	5
23	TD	06/01	1	24.4	-81.8	1009	13	W	7

2. TC = ATL8702 Name = ARLENE All Points = 52

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/11	0	30.0	-74.0	1009	15	ENE	10
2	TS	08/11	23	30.2	-73.0	1000	23	ENE	15
3	TS	08/12	4	31.0	-72.0	1000	23	ENE	15
4	TS	08/12	10	31.5	-70.5	1000	23	ENE	15
5	TS	08/12	16	32.5	-70.5	1000	23	ENE	10
6	TS	08/12	22	32.5	-69.5	1000	23	ENE	10
7	TS	08/13	4	32.5	-67.8	1000	23	E	12
8	TS	08/13	10	32.8	-66.5	1000	23	E	12
9	TS	08/13	16	32.8	-64.5	1000	23	E	12
10	TS	08/13	22	32.8	-64.0	1000	23	E	5
11	TS	08/14	4	32.8	-62.8	1000	23	E	7
12	STS	08/14	10	33.0	-62.0	994	26	E	8
13	STS	08/14	16	33.0	-61.5	994	26	E	7
14	STS	08/14	22	32.8	-61.0	994	26	E	5
15	STS	08/15	4	32.5	-61.0	994	26	0	0
16	STS	08/15	10	32.0	-61.5	994	26	0	0
17	STS	08/15	16	31.5	-61.0	994	26	SE	5
18	TS	08/15	22	31.0	-60.0	1000	23	SE	5
19	TS	08/16	4	31.0	-59.0	1000	23	E	5
20	TS	08/16	10	31.0	-58.5	1000	23	E	5
21	TS	08/16	16	30.5	-58.5	1000	23	ESE	5
22	TS	08/16	22	29.5	-58.0	1000	23	SE	5
23	TS	08/17	2	29.4	-57.5	1000	23	SE	5

24	TS	08/17	4	29.4	-57.3	1000	23	SE	5
25	TS	08/17	10	29.5	-56.5	1000	23	E	7
26	TS	08/17	16	30.0	-57.3	1000	23	E	3
27	TS	08/17	22	30.7	-56.5	1000	23	NNE	5
28	TS	08/18	4	31.7	-56.5	1000	23	N	7
29	TS	08/18	10	32.0	-55.8	1002	21	NNE	7
30	TS	08/18	16	32.5	-54.5	1002	21	NE	10
31	TS	08/18	22	34.0	-52.5	1002	21	NE	12
32	TS	08/19	4	34.5	-51.5	1002	21	NE	12
33	TS	08/19	10	35.5	-50.0	1002	21	NE	14
34	TS	08/19	16	36.0	-47.5	1002	21	ENE	15
35	TS	08/19	22	35.5	-46.0	1005	18	E	12
36	TS	08/20	4	34.5	-45.0	1005	18	ESE	11
37	TS	08/20	10	34.5	-43.5	1005	18	E	11
38	TS	08/20	16	34.0	-42.0	1000	23	E	12
39	T	08/20	22	33.5	-41.5	987	33	E	10
40	T	08/21	4	33.5	-41.2	987	33	E	5
41	T	08/21	10	33.5	-42.0	987	33	E	8
42	T	08/21	16	33.5	-42.0	987	33	0	0
43	T	08/21	22	34.5	-42.5	987	33	N	7
44	T	08/22	4	36.0	-43.0	987	33	N	10
45	T	08/22	10	37.5	-43.0	987	33	N	10
46	T	08/22	16	38.5	-43.0	987	33	N	10
47	T	08/22	22	40.5	-41.5	987	33	NNE	17
48	L	08/23	4	42.5	-40.0	987	33	NNE	20
49	L	08/23	10	45.0	-38.0	987	33	NNE	22
50	L	08/23	16	47.5	-34.5	987	33	NE	28
51	L	08/23	22	49.5	-30.5	991	31	NE	35
52	L	08/24	4	52.0	-23.0	1000	23	ENE	37

3. TC = ATL8703 Name = BRET All Points = 21

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/18	22	15.0	-27.0	1009	15	W	17
2	TD	08/19	4	15.0	-29.5	1009	15	W	18
3	TD	08/19	10	15.0	-31.5	1009	15	W	18
4	TS	08/19	12	15.5	-30.5	1000	23	W	15
5	TS	08/19	16	15.5	-32.0	1000	23	W	15
6	TS	08/19	22	15.2	-32.5	1000	23	W	15
7	TS	08/20	4	15.5	-36.0	1000	23	W	16
8	TS	08/20	10	15.5	-37.5	1000	23	W	15
9	TS	08/20	16	15.8	-38.0	1000	23	W	15
10	TS	08/20	22	16.0	-39.5	1000	23	W	15
11	TS	08/21	4	16.1	-40.8	1002	21	W	15
12	TS	08/21	10	16.0	-42.5	1002	21	W	15
13	TS	08/21	16	17.0	-43.0	1005	18	WNW	14
14	TS	08/21	22	17.2	-44.5	1005	18	WNW	13
15	TS	08/22	4	18.5	-46.0	1005	18	WNW	15
16	TS	08/22	10	19.0	-47.0	1005	18	WNW	14
17	TS	08/22	16	18.2	-48.0	1005	18	WNW	12
18	TD	08/22	22	19.0	-48.5	1009	15	WNW	10
19	TD	08/23	4	18.3	-50.0	1009	15	WNW	11
20	TD	08/23	10	19.0	-51.5	1009	15	WNW	11
21	TD	08/23	16	20.0	-52.0	1009	15	WNW	10

4. TC = ATL87-2 Name = NO NAME All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/30	22	15.0	-34.0	1009	15	W	15
2	TD	08/31	4	14.8	-35.5	1009	15	W	16
3	TD	08/31	10	15.0	-36.5	1009	15	W	15
4	TD	08/31	16	15.0	-36.5	1009	15	0	0

5	TD	08/31	22	15.3	-38.0	1009	15	W	10
6	TD	09/01	4	15.3	-39.0	1009	15	W	10
7	TD	09/01	10	15.7	-39.7	1009	15	W	10
8	TD	09/01	16	15.6	-41.5	1009	15	W	12
9	TD	09/01	22	16.0	-43.0	1009	15	W	12
10	TD	09/02	10	16.5	-46.3	1009	15	W	15
11	TD	09/02	16	17.0	-48.0	1009	15	W	15
12	TD	09/02	22	17.4	-50.0	1009	15	W	15
13	TD	09/03	10	18.3	-53.0	1009	15	W	15

5. TC = ATL87-3 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/05	22	12.5	-62.0	1009	15	W	15
2	TD	09/06	4	12.5	-63.5	1009	15	W	15
3	TD	09/06	10	12.8	-65.5	1009	15	W	18
4	TD	09/06	16	13.0	-68.0	1009	15	W	18
5	TD	09/06	22	13.5	-70.0	1009	15	W	18

6. TC = ATL8704 Name = CINDY All Points = 19

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/05	16	16.0	-31.5	1009	15	WNW	15
2	TD	09/05	22	16.7	-32.5	1009	15	WNW	10
3	TD	09/06	4	17.8	-33.5	1009	15	NW	12
4	TD	09/06	10	18.5	-34.5	1009	15	NW	11
5	TD	09/06	16	19.5	-35.5	1009	15	NW	12
6	TD	09/06	22	21.0	-38.0	1009	15	NW	16
7	TS	09/07	13	25.0	-39.5	1002	21	NNW	17
8	TS	09/07	16	25.5	-39.5	1002	21	N	16
9	TS	09/07	22	28.3	-39.2	1002	21	N	20
10	TS	09/08	2	29.5	-39.5	1000	23	N	23
11	TS	09/08	4	30.0	-39.4	1002	21	N	20
12	TS	09/08	10	31.5	-39.5	1002	21	N	15
13	TS	09/08	16	32.2	-39.5	1002	21	N	16
14	TS	09/08	22	33.2	-39.2	1005	18	N	12
15	TS	09/09	10	35.2	-39.2	1005	18	N	12
16	TS	09/09	16	36.2	-37.0	1005	18	NE	15
17	TS	09/09	22	37.0	-35.0	1005	18	NE	15
18	TS	09/10	10	40.5	-30.5	1005	18	NE	20
19	L	09/10	16	41.5	-29.0	1009	15	NE	20

7. TC = ATL8705 Name = DENNIS All Points = 34

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/10	22	11.0	-26.0	1009	15	W	6
2	TS	09/10	23	11.0	-26.7	1002	21	W	6
3	TS	09/11	10	11.0	-27.5	1002	21	W	6
4	TS	09/11	16	12.5	-27.5	1002	21	WNW	8
5	TS	09/11	22	13.0	-29.0	1002	21	WNW	10
6	TS	09/12	4	13.5	-31.0	1002	21	WNW	15
7	TS	09/12	10	14.0	-31.5	1002	21	WNW	11
8	TS	09/12	16	14.0	-32.0	1002	21	WNW	10
9	TS	09/12	22	14.2	-33.0	1002	21	WNW	10
10	TS	09/13	4	14.7	-34.0	1002	21	WNW	10
11	TS	09/13	10	15.2	-35.0	1000	23	WNW	10
12	TS	09/13	16	15.9	-34.8	1005	18	WNW	10
13	TS	09/14	10	17.0	-37.6	1005	18	WNW	9
14	TS	09/14	16	17.4	-39.7	1005	18	WNW	12
15	TS	09/14	22	18.0	-41.3	1005	18	WNW	13
16	TS	09/15	4	18.3	-43.0	1005	18	WNW	15
17	TS	09/15	10	18.5	-44.0	1005	18	WNW	12
18	TS	09/15	16	18.2	-44.3	1005	18	W	12

19	TS	09/15	22	17.5	-45.0	1005	18	W	9
20	TS	09/16	4	17.5	-45.0	1005	18	0	0
21	TS	09/16	10	17.5	-46.5	1005	18	W	5
22	TS	09/16	16	17.8	-46.5	1005	18	W	6
23	TS	09/16	22	17.6	-47.3	1005	18	W	6
24	TS	09/17	10	17.6	-49.5	1005	18	W	7
25	TS	09/17	16	18.0	-49.6	1005	18	W	7
26	TS	09/17	22	18.0	-50.5	1005	18	W	7
27	TS	09/18	10	18.2	-52.0	1005	18	W	7
28	TS	09/18	16	21.5	-54.0	1005	18	NW	12
29	TD	09/18	22	23.5	-54.7	1009	15	NNW	15
30	TD	09/19	4	25.5	-55.8	1009	15	NNW	17
31	TD	09/19	10	27.5	-55.0	1009	15	NNW	17
32	TD	09/19	16	28.0	-58.0	1009	15	NNW	20
33	TD	09/19	22	29.5	-57.5	1010	13	N	15
34	TD	09/20	4	31.0	-57.5	1010	13	N	15

8. TC = ATL8706 Name = EMILY All Points = 28

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/20	16	11.0	-56.0	1009	15	WNW	15
2	TS	09/20	22	12.0	-57.0	1000	23	W	15
3	STS	09/21	2	12.3	-58.5	997	26	NNE	15
4	STS	09/21	10	12.8	-60.5	997	26	WNW	16
5	STS	09/21	16	13.0	-62.5	997	26	W	18
6	STS	09/21	22	13.8	-64.4	997	26	WNW	18
7	T	09/22	1	14.1	-65.0	987	33	WNW	18
8	T	09/22	10	15.5	-67.5	980	38	WNW	18
9	T	09/22	16	16.4	-68.6	965	49	WNW	15
10	T	09/22	22	17.7	-69.6	958	57	NW	15
11	T	09/23	4	18.4	-70.8	965	49	NW	15
12	STS	09/23	10	20.0	-72.0	991	31	NW	15
13	STS	09/23	16	20.6	-72.7	991	31	NW	15
14	STS	09/23	19	21.1	-72.9	991	31	NW	13
15	STS	09/23	22	21.5	-72.9	991	31	N	10
16	STS	09/24	4	22.8	-73.0	991	31	N	12
17	STS	09/24	10	24.5	-72.8	997	26	N	13
18	STS	09/24	16	25.0	-72.3	991	31	N	12
19	STS	09/24	22	27.0	-71.0	991	31	NNE	15
20	STS	09/25	4	29.0	-69.0	991	31	NE	20
21	T	09/25	7	30.5	-67.0	987	33	NE	30
22	T	09/25	10	31.5	-66.0	983	36	NE	37
23	T	09/25	16	34.5	-61.5	974	44	NE	38
24	T	09/25	22	37.0	-57.0	977	41	NE	40
25	T	09/26	4	40.5	-50.0	977	41	NE	50
26	L	09/26	10	43.0	-45.0	983	36	NE	54
27	L	09/26	16	47.0	-37.0	983	36	NE	60
28	L	09/26	22	52.0	-32.0	991	31	NE	60

9. TC = ATL8707 Name = FLOYD All Points = 25

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/09	4	15.5	-82.5	1010	13	0	0
2	TD	10/09	10	15.5	-82.5	1010	13	0	0
3	TD	10/09	16	15.5	-82.5	1010	13	0	0
4	TD	10/09	22	14.0	-82.0	1009	15	S	15
5	TD	10/10	4	14.0	-82.0	1009	15	0	0
6	TD	10/10	10	15.0	-82.5	1009	15	NW	5
7	TS	10/10	16	16.5	-83.0	1002	21	NNW	10
8	TS	10/10	22	17.5	-84.0	1002	21	NNW	13
9	TS	10/11	0	17.5	-83.5	1002	21	E	10
10	TS	10/11	4	18.5	-84.5	1000	23	NW	11

11	TS	10/11	10	19.4	-84.8	1000	23	NW	10
12	STS	10/11	13	19.3	-84.5	997	26	NNW	10
13	STS	10/11	16	20.0	-84.8	997	26	NNW	8
14	STS	10/11	22	21.5	-84.5	997	26	N	15
15	STS	10/12	4	22.6	-84.2	994	28	N	13
16	T	10/12	10	24.0	-83.5	993	33	NNE	15
17	T	10/12	12	24.4	-82.9	993	33	NE	15
18	T	10/12	16	24.6	-81.7	993	33	ENE	14
19	T	10/13	0	25.4	-80.0	993	33	ENE	15
20	T	10/13	4	25.8	-79.0	993	33	ENE	15
21	STS	10/13	10	26.7	-77.3	994	28	ENE	15
22	STS	10/13	13	27.0	-76.5	997	26	ENE	15
23	TS	10/13	16	27.7	-75.6	1000	23	NE	15
24	TS	10/13	22	29.0	-74.0	1000	23	NE	20
25	L	10/14	12	33.0	-70.0	1005	18	NE	20

10. TC = ATL87-4 Name = NO NAME All Points = 14

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/31	16	16.0	-77.5	1009	15	NNW	5
2	TD	10/31	22	18.0	-78.5	1009	15	NNW	11
3	TD	11/01	4	18.5	-79.0	1009	15	NW	11
4	TD	11/01	10	19.8	-79.9	1009	15	NW	12
5	TD	11/01	16	20.3	-80.3	1009	15	NW	13
6	TD	11/01	22	20.2	-81.0	1009	15	NW	13
7	TD	11/02	4	21.0	-81.5	1009	15	WNW	10
8	TD	11/02	10	21.4	-81.3	1009	15	NW	8
9	TD	11/02	16	21.2	-81.2	1009	15	NW	4
10	TD	11/02	22	22.0	-81.6	1009	15	NW	5
11	TD	11/03	4	23.0	-81.8	1009	15	NNW	9
12	TD	11/03	10	24.0	-81.8	1009	15	NNW	9
13	TD	11/03	16	25.0	-83.0	1009	15	NNW	9
14	TD	11/04	10	26.5	-83.5	1012	13	NNW	5

1987. North Indian Ocean

1. TC = NIN8701 Name = NO NAME All Points = 10

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/30	0	5.0	89.5	1006	13	N	8
2	TD	01/30	12	6.0	90.0	1006	13	NNE	10
3	TD	01/31	0	6.0	87.0	1002	15	W	15
4	TD	01/31	12	9.0	85.0	1002	15	WSW	10
5	TS	02/01	0	8.6	85.6	1000	18	NW	7
6	TS	02/01	18	10.0	85.0	998	21	NNW	8
7	STS	02/02	0	12.0	87.0	992	28	NE	10
8	STS	02/02	12	14.0	87.0	992	26	N	8
9	TS	02/03	0	16.0	89.0	996	21	NE	7
10	TD	02/04	0	19.0	86.0	1004	13	NW	8

2. TC = NIN8702 Name = NO NAME All Points = 8

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/01	12	16.9	89.5	1000	15	E	5
2	TD	06/01	19	16.8	90.5	1000	15	E	5
3	TD	06/02	8	16.7	89.0	996	15	W	7
4	TS	06/03	0	17.0	88.0	992	18	W	5
5	TS	06/03	12	18.7	88.4	990	18	NNE	4
6	TS	06/04	0	20.0	89.8	986	18	NE	7
7	TS	06/04	12	21.0	90.0	986	18	N	5

8 TD 06/05 0 22.5 92.0 992 15 NNE 5
 3. TC = NIN8703 Name = NO NAME All Points = 14

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/05	0	16.3	62.3	1000	15	E	3
2	TS	06/05	12	16.2	63.2	994	21	E	5
3	TS	06/05	21	16.3	63.7	994	21	E	3
4	TS	06/06	23	17.5	64.5	994	21	NE	5
5	STS	06/07	12	17.2	61.6	987	26	W	12
6	TS	06/08	0	19.5	63.5	994	21	NE	10
7	TD	06/08	12	20.4	63.5	996	15	N	7
8	TD	06/09	0	19.5	61.0	996	15	WSW	8
9	TD	06/09	11	20.4	63.5	1000	13	NE	10
10	TD	06/09	23	21.0	65.5	1000	13	ENE	13
11	TD	06/10	11	20.8	64.0	1000	13	W	5
12	TD	06/10	23	21.7	63.5	1000	13	NNW	8
13	TD	06/11	0	21.7	63.5	1000	13	0	0
14	L	06/11	12	20.8	61.8	1002	10	SW	7

4. TC = NIN8704 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/14	0	13.5	87.5	1000	15	NW	3
2	TS	10/14	10	14.0	87.0	997	18	NW	5
3	TS	10/14	21	14.2	83.6	997	18	W	15
4	TD	10/15	0	14.5	82.0	1000	15	W	8

5. TC = NIN8705 Name = NO NAME All Points = 10

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/30	21	9.5	84.5	1000	15	N	5
2	TS	10/31	9	12.1	85.4	997	18	NNE	10
3	TS	10/31	21	14.1	85.1	997	18	N	10
4	TS	11/01	6	14.5	84.4	994	21	NW	6
5	TS	11/01	12	14.0	83.7	992	21	NW	5
6	STS	10/01	21	13.7	81.8	990	26	NW	5
7	STS	11/02	0	13.7	81.8	986	26	0	0
8	TS	11/02	12	14.0	81.0	992	23	NW	5
9	TS	11/03	3	14.5	80.2	996	21	W	6
10	TD	11/03	6	14.7	80.0	1000	15	0	0

6. TC = NIN8706 Name = NO NAME All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/11	0	14.0	89.5	1004	15	W	3
2	TS	11/11	8	14.5	89.0	1002	18	NW	5
3	TS	11/11	20	14.8	85.5	1002	18	W	15
4	TS	11/12	0	14.2	81.0	1000	21	W	15
5	TS	11/12	12	15.0	84.0	1000	21	N	5
6	TS	11/13	0	16.0	81.0	1000	21	N	8
7	TD	11/13	12	16.5	80.5	1002	15	NW	5

1987. South Indian Ocean

1. TC = SIN8701 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/02	4	-15.5	53.6	1005	15	SW	7
2	TD	01/02	12	-16.2	52.9	1005	15	SE	7
3	TS	01/03	4	-17.0	54.0	1000	18	S	10
4	TS	01/04	3	-20.0	54.0	1000	18	S	12

5 TD 01/05 3 -24.0 53.0 1005 15 SSW 10

2. TC = SIN87-1 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/07	0	-6.5	76.0	1005	15	S	15
2	TD	01/07	12	-9.0	76.1	1005	15	S	15
3	TD	01/08	0	-8.0	77.0	1005	13	NE	5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/07	0	-6.5	76.0	1005	15	S	15
2	TD	01/07	12	-9.0	76.1	1005	15	S	15
3	TD	01/08	0	-8.0	77.0	1005	13	NE	5

3. TC = SIN8702 Name = ALININA All Points = 17

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/15	2	-12.6	67.6	1004	15	S	3
2	TD	01/15	12	-13.0	67.0	1004	15	0	0
3	TD	01/16	2	-13.0	66.0	1004	15	W	8
4	TD	01/16	12	-13.8	66.5	1004	15	SE	5
5	TS	01/17	3	-14.8	67.8	1000	21	SE	7
6	TS	01/17	12	-15.0	68.0	1000	21	SE	3
7	STS	01/18	3	-17.7	68.9	990	31	S	7
8	STS	01/18	9	-18.0	68.0	985	31	SW	18
9	STS	01/19	3	-20.4	70.8	985	31	SE	10
10	STS	01/19	11	-21.0	70.7	990	26	S	8
11	STS	01/20	0	-22.0	73.0	990	26	ESE	10
12	TS	01/20	10	-23.2	70.7	995	21	WSW	10
13	TS	01/21	0	-23.0	72.0	995	21	E	15
14	TS	01/21	12	-24.1	67.4	995	21	SW	18
15	TS	01/22	3	-25.7	63.7	995	21	WSW	12
16	TS	01/22	12	-27.3	63.0	1000	18	SSW	12
17	L	01/23	3	-31.6	65.0	1005	15	SSE	18

4. TC = SIN87-2 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/18	3	-18.0	120.0	1005	15	W	3
2	TD	01/18	12	-18.0	119.0	1005	15	W	3
3	TD	01/19	6	-19.0	119.0	1005	15	S	10
4	TD	01/19	12	-22.0	119.0	1007	13	S	15
5	L	01/20	0	-22.0	118.0	1010	10	W	7

5. TC = SIN8703 Name = NO NAME All Points = 12

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/31	12	-15.0	124.0	1005	15	S	3
2	TD	02/01	0	-16.0	123.0	1005	15	SW	7
3	TD	02/02	0	-17.0	123.0	1005	15	S	7
4	TD	02/03	0	-18.0	121.0	1000	15	WSW	7
5	TS	02/03	12	-18.0	120.0	996	18	W	8
6	TS	02/04	0	-19.0	116.0	990	21	WNW	15
7	TS	02/04	12	-18.0	118.0	990	21	ENE	10
8	TS	02/05	0	-18.0	117.0	990	21	W	8
9	TS	02/05	12	-19.0	118.0	995	18	SE	7
10	TS	02/06	0	-20.0	117.0	995	18	SW	7
11	TS	02/06	12	-21.0	115.0	995	18	WSW	10
12	TD	02/07	0	-23.0	118.0	1000	13	SE	15

6. TC = SIN8704 Name = BEMAZAVA All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/05	3	-14.0	66.0	1005	15	SW	10
2	TS	02/05	11	-16.4	64.5	1000	18	SW	15
3	TS	02/06	3	-19.4	63.2	1000	18	SW	12
4	TS	02/06	11	-21.0	61.7	995	21	SW	13
5	TS	02/07	2	-23.5	59.7	998	18	SW	13
6	TD	02/07	10	-24.0	58.0	1000	13	S	7
7	L	02/08	0	-25.4	58.0	1005	10	S	7

7. TC = SIN8705 Name = CLOTILDA All Points = 40

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/09	12	-19.5	51.2	1002	13	SSE	6
2	TD	02/10	3	-20.5	51.5	1002	13	SSE	5
3	TD	02/10	11	-21.0	52.0	1000	15	SE	5
4	TD	02/10	20	-20.5	52.0	1000	15	SE	5
5	TD	02/11	0	-21.0	52.5	1000	15	SE	5
6	TD	02/11	4	-21.3	52.2	1000	15	0	0
7	TD	02/11	19	-21.0	52.5	1000	15	0	0
8	TS	02/12	0	-20.6	53.3	995	21	ENE	8
9	STS	02/12	4	-20.8	54.0	990	26	E	10
10	STS	02/12	9	-20.8	54.4	990	26	E	5
11	STS	02/13	4	-20.8	55.0	990	26	E	5
12	STS	02/13	6	-20.6	55.3	990	26	0	0
13	STS	02/13	15	-20.7	55.8	990	26	E	3
14	STS	02/13	18	-20.9	56.0	990	26	0	0
15	STS	02/13	23	-20.8	55.7	990	26	0	0
16	STS	02/14	3	-21.1	55.6	990	26	0	0
17	STS	02/14	12	-21.6	56.2	990	26	SE	7
18	STS	02/14	18	-22.2	56.0	985	31	S	7
19	STS	02/14	20	-22.3	55.0	985	31	W	15
20	T	02/15	0	-21.5	54.0	980	33	NW	12
21	T	02/15	5	-22.0	54.3	980	33	SE	5
22	T	02/15	13	-22.7	54.2	980	33	S	7
23	T	02/16	1	-24.3	53.6	980	33	SW	8
24	T	02/16	4	-25.0	52.0	980	33	SW	7
25	T	02/16	6	-24.0	53.0	980	33	NE	8
26	T	02/16	12	-24.7	50.8	980	33	WSW	12
27	T	02/17	0	-25.6	51.0	980	33	S	8
28	STS	02/17	4	-26.0	49.2	990	28	SW	10
29	TS	02/17	12	-27.0	48.9	995	23	SW	8
30	TS	02/18	0	-28.0	49.5	995	23	SE	12
31	TS	02/18	3	-29.5	50.2	1000	21	SSE	13
32	TS	02/18	13	-30.6	50.0	1000	21	S	6
33	TS	02/19	0	-31.5	50.2	1000	18	S	10
34	TS	02/19	3	-29.5	53.5	1000	18	ENE	15
35	L	02/19	12	-30.3	56.5	1005	15	ESE	15
36	L	02/19	19	-30.3	55.5	1005	15	W	15
37	L	02/20	0	-30.3	57.5	1005	13	E	12
38	L	02/20	6	-30.3	59.5	1005	13	E	15
39	L	02/20	12	-31.0	62.0	1005	10	ESE	15
40	L	02/21	0	-31.0	65.0	1006	10	E	15

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/09	12	-19.5	51.2	1002	13	SSE	6
2	TD	02/10	3	-20.5	51.5	1002	13	SSE	5
3	TD	02/10	11	-21.0	52.0	1000	15	SE	5
4	TD	02/10	20	-20.5	52.0	1000	15	SE	5
5	TD	02/11	0	-21.0	52.5	1000	15	SE	5
6	TD	02/11	4	-21.3	52.2	1000	15	0	0
7	TD	02/11	19	-21.0	52.5	1000	15	0	0
8	TS	02/12	0	-20.6	53.3	995	21	ENE	8
9	STS	02/12	4	-20.8	54.0	990	26	E	10
10	STS	02/12	9	-20.8	54.4	990	26	E	5
11	STS	02/13	4	-20.8	55.0	990	26	E	5
12	STS	02/13	6	-20.6	55.3	990	26	0	0
13	STS	02/13	15	-20.7	55.8	990	26	E	3
14	STS	02/13	18	-20.9	56.0	990	26	0	0
15	STS	02/13	23	-20.8	55.7	990	26	0	0
16	STS	02/14	3	-21.1	55.6	990	26	0	0
17	STS	02/14	12	-21.6	56.2	990	26	SE	7
18	STS	02/14	18	-22.2	56.0	985	31	S	7
19	STS	02/14	20	-22.3	55.0	985	31	W	15
20	T	02/15	0	-21.5	54.0	980	33	NW	12
21	T	02/15	5	-22.0	54.3	980	33	SE	5
22	T	02/15	13	-22.7	54.2	980	33	S	7
23	T	02/16	1	-24.3	53.6	980	33	SW	8
24	T	02/16	4	-25.0	52.0	980	33	SW	7
25	T	02/16	6	-24.0	53.0	980	33	NE	8
26	T	02/16	12	-24.7	50.8	980	33	WSW	12
27	T	02/17	0	-25.6	51.0	980	33	S	8
28	STS	02/17	4	-26.0	49.2	990	28	SW	10
29	TS	02/17	12	-27.0	48.9	995	23	SW	8
30	TS	02/18	0	-28.0	49.5	995	23	SE	12
31	TS	02/18	3	-29.5	50.2	1000	21	SSE	13
32	TS	02/18	13	-					

6 TS 02/25 0 -18.0 121.0 989 23 0 0
 7 TD 02/25 12 -20.0 121.0 1000 15 S 15
 8 L 02/26 0 -22.0 120.0 1005 10 SSW 15

10. TC = SIN8708 Name = DAOQO All Points = 46

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	03/01	10	-13.5	72.5	1005	13	SW	7
2	TD	03/02	2	-14.0	70.2	1005	15	W	8
3	TD	03/02	18	-14.0	70.0	1002	15	0	0
4	TS	03/03	2	-13.5	73.0	1000	18	ENE	15
5	STS	03/03	6	-13.5	71.5	995	26	W	7
6	STS	03/03	11	-13.5	72.0	995	26	W	7
7	STS	03/03	15	-12.8	71.5	995	26	NW	3
8	STS	03/03	18	-12.6	71.5	995	26	0	0
9	STS	03/04	2	-13.0	70.8	995	26	0	0
10	STS	03/04	6	-13.0	71.5	995	26	E	5
11	STS	03/04	12	-13.5	72.0	995	26	SE	7
12	STS	03/05	3	-14.6	73.6	995	31	SE	8
13	STS	03/05	6	-14.0	73.0	985	31	NW	10
14	STS	03/05	18	-14.0	73.0	985	31	0	0
15	STS	03/06	4	-14.2	76.0	990	26	E	15
16	STS	03/06	11	-13.2	75.0	990	26	NW	10
17	STS	03/06	18	-13.5	75.0	990	26	0	0
18	STS	03/07	0	-12.0	76.0	990	26	NE	15
19	TS	03/07	3	-12.2	76.2	990	23	0	0
20	STS	03/07	12	-12.0	76.5	990	26	0	0
21	STS	03/08	2	-11.8	75.5	990	26	W	8
22	T	03/08	10	-12.7	75.1	975	41	SW	7
23	T	03/09	2	-13.5	73.5	980	36	WSW	5
24	STS	03/09	6	-13.5	73.0	985	28	0	0
25	T	03/09	12	-14.2	72.5	980	33	SW	8
26	STS	03/09	18	-14.5	72.0	990	26	0	0
27	STS	03/10	0	-14.8	71.5	990	26	W	3
28	STS	03/10	6	-16.0	72.0	990	26	S	8
29	T	03/10	14	-16.3	71.5	980	33	0	0
30	T	03/11	0	-17.0	71.2	980	33	0	0
31	T	03/11	12	-17.8	71.4	975	41	SE	8
32	STS	03/12	6	-19.2	72.4	985	31	SE	7
33	STS	03/12	12	-19.5	73.0	990	26	SE	10
34	STS	03/13	2	-22.2	75.7	990	26	SE	10
35	STS	03/13	7	-23.0	76.0	990	26	SE	10
36	STS	03/13	12	-24.0	74.5	990	26	SW	10
37	STS	03/14	3	-25.0	75.0	990	28	S	8
38	STS	03/14	6	-24.5	74.5	990	28	0	0
39	STS	03/14	12	-25.5	72.5	990	28	SW	15
40	STS	03/15	3	-26.0	72.0	990	28	SW	5
41	STS	03/15	6	-29.5	74.3	990	28	SSE	15
42	STS	03/15	11	-29.8	73.6	995	26	SW	7
43	TS	03/15	18	-31.0	73.0	998	21	S	7
44	TS	03/16	4	-30.8	73.0	998	21	S	7
45	L	03/16	12	-32.0	72.0	1000	18	W	10
46	L	03/17	0	-32.0	72.0	1005	13	0	0

11. TC = SIN87-3 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	03/29	10	-15.0	76.5	1005	10	N	3
2	TD	03/30	2	-14.0	75.5	1005	15	SW	7
3	TD	03/30	10	-14.8	73.9	1005	15	SW	8
4	TD	03/31	2	-13.5	73.0	1005	13	NW	7

12. TC = SIN8709 Name = KAY All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	04/11	0	-12.0	128.0	998	15	SW	15
2	TD	04/11	12	-12.8	125.0	998	15	SW	5
3	STS	04/12	3	-13.0	124.5	990	26	SW	5
4	TS	04/12	12	-14.0	123.0	1000	23	W	7
5	STS	04/13	0	-14.0	121.0	990	26	W	10
6	STS	04/13	12	-14.0	118.0	990	26	W	10
7	STS	04/14	0	-15.0	116.0	996	26	SW	10
8	TS	04/15	0	-15.0	116.0	998	21	0	0
9	TS	04/16	0	-16.0	115.0	998	21	SW	10
10	TD	04/16	18	-19.0	111.0	1005	15	SW	15
11	TD	04/17	3	-20.8	110.5	1008	13	SW	10

13. TC = SIN8710 Name = ELISABETA All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	04/21	0	-26.0	45.0	1000	15	S	5
2	STS	04/22	12	-26.8	44.0	995	26	S	5
3	TS	04/23	4	-26.8	41.3	995	18	W	10
4	STS	04/24	0	-28.5	42.0	990	26	SE	5
5	STS	04/25	3	-31.0	48.0	980	31	ESE	14
6	L	04/25	12	-31.5	50.5	990	18	ESE	8
7	L	04/26	3	-31.2	53.8	995	18	E	12

14. TC = SIN8711 Name = NO NAME All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	04/23	12	-14.6	73.8	1002	13	0	0
2	TD	04/24	2	-15.0	73.8	997	15	WSW	5
3	TD	04/24	12	-14.5	73.8	995	15	N	10
4	TS	04/25	3	-14.5	74.0	995	18	0	0
5	TS	04/25	10	-15.0	75.0	995	18	ESE	8
6	TD	04/26	3	-14.8	75.5	1000	15	E	6
7	TD	04/26	10	-14.6	79.1	1005	13	E	15

15. TC = SIN8712 Name = NO NAME All Points = 16

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/03	3	-6.7	73.8	1005	15	SW	12
2	TS	11/03	12	-5.0	74.5	1000	18	SW	12
3	TD	11/04	0	-7.5	73.0	1005	13	SW	10
4	TS	11/04	11	-9.0	72.0	1000	18	W	10
5	TS	11/05	0	-9.3	70.0	1000	18	SW	10
6	TS	11/05	11	-10.6	69.0	995	21	SW	8
7	TS	11/06	2	-12.1	70.2	995	21	SSW	6
8	TD	11/06	10	-13.0	71.0	1000	13	SE	8
9	TS	11/07	2	-11.0	67.5	995	21	SW	10
10	TS	11/07	12	-12.5	66.0	995	21	SW	12
11	TD	11/08	0	-12.5	66.0	1000	13	0	0
12	TD	11/08	12	-12.5	64.8	1000	13	W	10
13	TD	11/09	0	-13.1	63.1	1000	13	SW	5
14	TD	11/09	12	-11.5	62.0	1005	13	NW	10
15	TD	11/10	3	-12.0	57.5	1005	13	W	13
16	L	11/10	12	-12.2	57.0	1005	10	0	0

16. TC = SIN8713 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/22	12	-8.5	44.5	1005	13	W	6
2	TD	11/23	12	-9.7	42.7	1006	13	SW	7
3	TD	11/24	4	-10.7	42.0	1006	13	S	5
4	TS	11/24	12	-10.7	42.0	1000	18	0	0
5	TD	11/25	4	-11.0	41.5	1005	13	WSW	5

17. TC = SIN8714 Name = ARINY All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	12/09	0	-11.0	88.0	1000	15	0	1
2	TS	12/10	0	-12.0	87.0	995	21	SW	10
3	T	12/11	0	-14.3	84.0	965	36	SW	10
4	STS	12/11	6	-17.0	84.6	975	28	S	12
5	STS	12/11	11	-17.4	84.2	990	26	0	0
6	T	12/12	0	-17.0	83.2	970	37	W	12
7	STS	12/12	11	-18.3	83.4	985	26	S	12
8	TS	12/12	21	-17.5	81.1	990	21	WNW	12
9	TS	12/13	11	-17.5	81.3	990	21	0	0
10	TS	12/14	12	-17.2	75.6	995	18	W	6
11	TD	12/15	10	-18.0	72.8	1000	15	W	6

18. TC = SIN8715 Name = BENANDRO Points = 15

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	12/24	10	-10.7	70.1	1005	13	SW	10
2	TD	12/25	3	-12.8	68.2	1005	13	SSW	8
3	TD	12/25	12	-13.0	69.0	1000	15	0	0
4	TS	12/25	21	-13.0	69.5	995	21	0	0
5	TS	12/26	11	-13.6	69.7	991	21	0	0
6	TS	12/27	2	-14.0	69.5	997	21	0	0
7	STS	12/27	12	-13.7	68.5	995	26	WNW	6
8	TS	12/28	4	-13.7	67.0	995	21	W	6
9	TS	12/28	12	-13.4	64.6	990	21	W	15
10	TD	12/29	11	-13.0	60.9	1000	15	WSW	10
11	TD	12/30	12	-15.5	56.5	1000	13	SW	10
12	TD	12/31	4	-15.5	56.0	1000	13	W	5
13	TD	12/31	12	-16.0	56.7	1000	13	SW	8
14	TD	01/01	4	-15.6	52.0	1000	13	WSW	8
15	TD	01/01	12	-17.0	51.6	1000	13	SSW	8

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1. TC = SWP8701 Name = TYSI All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/17	0	-10.0	-170.0	1005	15	S	10
2	TD	01/17	12	-12.0	-170.0	1005	15	S	10
3	TD	01/18	0	-14.0	-173.0	1000	15	SE	15
4	TS	01/18	12	-14.0	-173.0	995	18	0	0
5	TS	01/19	0	-16.0	-168.0	992	21	SE	10
6	TS	01/19	12	-18.0	-167.0	992	21	SSE	15
7	TS	01/20	0	-21.0	-163.0	990	23	SE	110
8	TS	01/20	12	-23.0	-162.0	995	21	SSE	10
9	TS	01/21	0	-22.0	-163.0	1000	18	NW8	15
10	TS	01/21	12	-26.0	-158.0	1000	18	SE	18
11	L	01/22	0	-26.0	-156.0	1005	13	E	15

2. TC = SWP8702 Name = IMA All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/05	0	-14.0	163.0	1005	15	NE	15
2	TD	02/05	12	-13.0	166.0	1005	15	NE	15
3	TS	02/06	0	-14.0	166.0	1000	18	S	5
4	TS	02/06	12	-15.0	166.0	1000	18	S	5
5	TS	02/07	0	-17.0	168.0	998	21	SE	10
6	TS	02/07	12	-18.0	168.0	998	21	S	10

7	TS	02/08	0	-19.0	171.0	993	23	ESE	10
8	TS	02/08	12	-19.0	172.0	998	21	E	10
9	TS	02/09	0	-19.0	174.0	996	23	E	15
10	TS	02/09	12	-22.0	176.0	995	23	SSE	15
11	TS	02/10	0	-22.0	178.0	993	23	E	15
12	TD	02/10	12	-25.0	-177.0	1000	15	SE	15
13	L	02/11	0	-27.0	-175.0	1000	13	SE	15

3. TC = SWP8703 Name = JASON All Points = 14

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/07	0	-13.0	139.0	1005	15	E	5
2	TD	02/07	12	-13.0	140.0	1005	15	E	8
3	TS	02/08	0	-13.0	138.0	998	21	W	8
4	TS	02/08	12	-14.0	138.0	992	21	S	10
5	TS	02/09	0	-13.0	137.0	1000	18	NW	8
6	TS	02/09	12	-14.0	136.0	1000	18	SW	5
7	TS	02/10	0	-12.0	137.0	998	21	NNE	8
8	TS	02/10	12	-14.0	136.0	998	21	SW	5
9	TS	02/11	0	-13.0	136.0	995	21	N	5
10	TS	02/11	12	-14.0	136.0	995	21	S	8
11	TS	02/12	0	-14.0	136.0	995	21	0	0
12	TS	02/12	12	-14.0	136.0	995	21	0	0
13	TS	02/13	0	-17.0	140.0	1000	18	SE	15
14	TD	02/13	12	-18.0	139.0	1000	13	SE	5

4. TC = SWP8704 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	03/04	0	-23.0	-162.0	1005	15	S	5
2	TS	03/04	12	-24.0	-163.0	1000	18	S	5
3	TD	03/05	0	-25.0	-163.0	1005	13	S	3

5. TC = SWP8705 Name = YLI All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	03/08	0	-16.0	162.0	1004	15	SE	3
2	TS	03/09	0	-17.0	163.0	1000	18	SE	5
3	TS	03/09	12	-18.0	164.0	995	21	SE	5
4	TS	03/10	0	-19.0	164.0	995	21	S	5
5	TS	03/11	0	-19.0	164.0	995	21	0	0
6	TS	03/11	12	-20.0	167.0	1000	18	ESE	15
7	TD	03/12	0	-23.0	168.0	1005	13	SSE	15

6. TC = SWP8706 Name = ZUMAN All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	04/22	22	-12.0	-171.0	1001	15	SE	10
2	TS	04/23	21	-15.0	-169.0	997	18	SE	15
3	TS	04/24	6	-16.0	-168.0	995	21	SE	12
4	TS	04/24	21	-19.0	-168.0	995	21	S	5
5	TS	04/25	9	-20.0	-167.0	1000	18	SE	7
6	TS	04/25	20	-23.0	-165.0	1000	18	SE	10
7	TD	04/26	0	-23.0	-163.0	1005	13	E	15

7. TC = SWP8707 Name = BLANCHE All Points = 12

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	05/22	0	-11.0	162.0	1006	15	W	3
2	TS	05/22	3	-11.1	161.0	1005	18	W	5
3	TS	05/22	22	-12.0	160.0	1000	21	SW	7
4	TS	05/23	3	-13.5	159.8	995	23	S	7
5	STS	05/23	9	-13.0	159.0	990	26	NE	8
6	STS	05/23	22	-15.0	159.0	985	28	S	10
7	STS	05/24	3	-15.2	156.9	982	31	W	15

										8. TC = SWP8708		Name = NO NAME		All Points = 4	
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel						
8	STS	05/24	9	-16.0	156.0	985	28	SE	10						
9	TS	05/24	20	-18.0	157.0	990	23	SSE	10						
10	TS	05/25	3	-19.2	158.1	990	21	SE	10						
11	TS	05/25	12	-18.0	158.0	995	18	N	10						
12	TD	05/25	22	-18.0	158.5	1000	15	E	5						
1	TD	12/25	22	-19.0	-176.0	1005	15		0						
2	TS	12/26	0	-19.0	-176.0	1000	18		0						
3	TS	12/27	0	-19.0	-174.0	995	21	E	8						
4	TD	12/28	12	-18.0	-177.0	1000	15	WNW	5						