

1989. Chronology

The 94 tropical cyclones and 29 tropical disturbances were recorded in the Word Ocean

1. Northwest Pacific Ocean — 32 TC, 5 TD, 23 L

N	Number	Name	Lat	Long	Dates	Max Stage
1	8901	WINONA	17.0	158.0	01/17-01/20	TS
2	8902	ANDY	6.0	150.0	04/17-04/25	T
3	8903	BRENDA	7.0	135.0	05/14-05/21	T
4	89-1	-	29.5	-173.0	05/15-05/16	L
5	89-2	-	27.0	-171.0	05/17-05/21	L
6	89-3	-	7.0	157.5	05/19-05/19	L
7	89-4	-	13.0	110.0	05/22-05/26	L
8	89-5	-	3.0	139.0	05/28-05/30	TD
9	89-6	-	25.5	139.5	05/30-05/30	L
10	89-7	-	6.0	123.0	06/01-06/04	TD
11	89-8	-	3.0	141.0	06/02-06/03	L
12	8905	DOT	8.0	137.5	06/04-06/12	T
13	89-9	-	7.5	151.5	06/06-06/07	L
14	89-10	-	10.0	144.5	06/13-06/14	L
15	89-11	-	11.5	141.0	06/15-06/16	L
16	8906	ELSIE	12.0	141.5	06/16-06/24	TS
17	89-12	-	19.0	116.0	06/24-06/26	TD
18	89-13	-	26.0	165.0	06/28-06/30	L
19	89-14	-	10.0	122.0	07/02-07/04	L
20	8907	FAYE	10.0	135.0	07/05-07/11	STS
21	8908	GORDON	19.0	149.5	07/11-07/19	T
22	89-15	-	13.0	153.0	07/13-07/14	L
23	8909	HOPE	20.0	137.0	07/15-07/21	STS
24	89-16	-	10.0	153.0	07/17-07/17	L
25	8910	IRVING	11.0	132.0	07/18-07/24	STS
26	8911	JUDY	12.0	145.0	07/20-07/29	T
27	89-17	-	5.0	168.0	07/21-07/22	L
28	89-18	-	27.5	145.0	07/22-07/23	L
29	89-19	-	11.0	155.0	07/25-07/28	L
30	89-20	-	31.5	120.0	07/25-07/26	L
31	89-21	-	29.5	121.0	07/26-07/31	TD
32	89-22	-	23.5	125.5	07/27-07/28	L
33	89-23	-	22.5	111.0	07/27-07/28	L
34	89-24	-	20.5	140.5	07/28-07/29	L
35	8912	LOLA	21.5	131.5	07/29-08/06	STS
36	89-25	NO NAME	8.5	161.5	07/29-07/30	L
37	8913	MAC	20.0	152.0	07/30-08/07	T
38	89-26	-	25.0	140.0	07/31-08/02	TD
39	89-27	-	8.0	157.0	08/04-08/05	L
40	89-28	-	6.0	165.0	08/06-08/07	L
41	8914	NANCY	20.0	153.0	08/11-08/17	T
42	8915	OWEN	15.0	141.0	08/10-08/19	T
43	8916	REDDY	19.0	149.0	08/15-08/19	TS
44	8917	ROGER	23.0	123.0	08/23-08/28	STS
45	8918	NO NAME	25.5	148.0	08/24-08/27	TS
46	8919	SARAN	21.0	147.0	09/05-09/14	T
47	8920	TIP	18.6	151.5	09/08-09/14	STS

48	8921	VERA	17.5	147.5	09/11–09/16	STS
49	8922	WAYNE	22.0	124.0	09/17–09/20	T
50	8923	ANGELA	12.0	139.0	09/29–10/11	T
51	8924	BRIAN	17.5	118.0	09/29–10/04	STS
52	8925	COLLEEN	13.0	151.5	10/01–10/08	T
53	8926	DAN	10.0	136.0	10/08–10/14	T
54	8927	ELSIE	16.0	138.0	10/13–10/22	T
55	8928	FORREST	9.0	150.0	10/22–10/29	T
56	8929	GAY	8.5	103.5	11/01–11/09	T
57	8930	HUNT	13.0	142.0	11/14–11/24	T
58	8931	IRMA	11.0	146.5	11/26–12/04	T
59	8932	JACK	7.5	155.0	12/22–12/28	T

No information about N 8904 is available.

2. Northeast Pacific Ocean — 18 TC

N	Number	Name	Lat	Long	Dates	Max Stage
1	8901	ADOLPF	10.5	-113.5	05/31–06/05	STS
2	8902	BARBARA	13.5	-107.5	06/15–06/21	T
3	8903	COSME	13.3	-100.8	06/20–06/23	T
4	8904	DALILIA	10.0	-112.0	07/12–07/21	T
5	8905	ERICK	15.0	-133.0	07/19–07/21	TS
6	8906	FLOSSIE	13.5	-101.0	07/23–07/27	TS
7	8907	GIL	16.0	-105.0	07/30–08/05	T
8	8908	ISMAEL	12.8	-99.2	08/14–08/25	T
9	8909	HENRIETTE	13.0	-125.5	08/15–08/18	TS
10	8910	JULIETTE	16.0	-116.0	08/21–08/25	STS
11	8911	KIKO	21.0	-106.5	08/24–08/29	T
12	8912	LORENA	13.9	-104.9	08/28–09/05	T
13	8913	MANUEL	12.9	-95.7	08/28–08/31	TS
14	8914	NARDA	14.5	-101.5	09/03–09/08	TS
15	8915	OKTAVE	15.0	-106.0	09/09–09/16	T
16	8916	PRISCILLA	18.5	-106.0	09/21–09/24	STS
17	8917	RAYMOND	14.5	-101.5	09/26–10/05	T
18	8918	NO NAME	13.7	-105.4	10/03–10/08	TS

3. North Atlantic Ocean — 11 TC, 1 TD

N	Number	Name	Lat	Long	Dates	Max Stage
1	89-1	–	20.5	-94.0	06/15–06/17	TD
2	8901	ALLISON	27.0	-96.0	06/24–07/01	TS
3	8902	BARRY	18.2	-48.5	07/09–07/16	TS
4	8903	CHANTAL	23.5	-90.5	07/30–08/03	T
5	8904	DEAN	15.0	-43.0	07/31–08/09	T
6	8905	ERIN	15.5	-24.3	08/18–08/27	T
7	8906	FELIX	16.9	-21.5	08/26–09/10	T
8	8907	GABRIELLA	10.9	-24.1	08/30–09/13	T
9	8908	HUGO	13.0	-24.8	09/10–09/25	T
10	8909	IRIS	11.3	-45.5	09/16–09/21	STS
11	8910	JERRY	20.0	-92.8	10/10–10/16	T
12	8911	KAREN	19.0	-85.5	11/28–12/04	STS

4. North Indian Ocean — 3 TC

N	Number	Name	Lat	Long	Dates	Max Stage
1	8901	NO NAME	19.0	86.6	05/23–05/27	T
2	8902	NO NAME	21.0	68.0	06/11–06/13	STS
3	8903	NO NAME	8.5	85.0	11/16–11/20	TS

5. South Indian Ocean — 15 TC

N	Number	Name	Lat	Long	Dates	Max Stage
1	8901	CALASONJY	-16.3	43.9	01/07-01/17	T
2	8902	DONA	-15.0	63.2	01/10-01/15	TS
3	8903	EDME	-13.8	82.5	01/19-01/27	STS
4	8904	FIRINGA	-11.3	63.8	01/24-02/01	T
5	8905	JOHN	-12.5	94.5	01/27-01/30	TS
6	8906	KIRRILY	-11.0	106.0	02/03-02/10	TS
7	8907	GIZELA	-13.0	71.0	02/17-02/23	T
8	8908	HANITRA	-11.0	95.0	02/17-03/01	T
9	8909	JAMA	-22.5	39.4	02/25-03/01	T
10	8910	JINATO	-18.0	66.0	03/21-04/01	T
11	8911	NED	-17.0	115.8	03/26-03/30	STS
12	8912	KRIZI	-10.2	75.0	03/28-04/11	T
13	8913	LIZISSE	-12.0	76.5	04/05-04/10	STS
14	8914	ORSON	-12.0	126.0	04/18-04/23	T
15	8915	NO NAME	-7.5	62.8	12/16-01/06	T

6. Southwest Pacific Ocean — 15 TC

N	Number	Name	Lat	Long	Dates	Max Stage
1	8901	DELILA	-18.4	156.6	01/01-01/04	STS
2	8902	FELY	-13.0	-167.5	01/01-01/07	TS
3	8903	JENA	-14.5	-173.0	01/07-01/09	TS
4	8904	HARRY	-18.0	160.0	02/07-02/19	T
5	8905	NO NAME	-22.5	176.0	02/12-02/14	TS
6	8906	IVY	-15.0	169.0	02/22-03/01	T
7	8907	JUDY	-23.0	-154.0	02/23-02/27	T
8	8908	NO NAME	-26.0	-140.0	02/24-02/27	TS
9	8909	NO NAME	-19.0	177.5	03/31-04/03	TS
10	8910	NO NAME	-11.5	152.9	04/01-04/04	T
11	8911	LIKI	-12.0	162.5	04/06-04/11	T
12	8912	MEENA	-11.0	160.0	05/02-05/10	STS
13	8913	NO NAME	-15.3	157.7	05/05-05/09	STS
14	8914	NO NAME	-12.0	162.0	05/08-05/10	TS
15	8915	ERNIE	-11.8	162.0	05/08-05/13	TS

1989. Evolution

1989. Northwest Pacific Ocean

1. TC = NWP8901 Name = WINONA All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/17	12	17.0	158.0	1008	15	W	15
2	TS	01/18	0	17.0	152.0	1002	18	W	20
3	TS	01/18	6	16.8	151.0	1000	18	SW	10
4	TS	01/18	12	16.6	150.0	1000	18	W	10
5	TS	01/18	18	16.0	148.5	1002	18	WSW	10

6	TS	01/19	0	16.5	145.5	1000	21	W	20
7	TS	01/19	12	17.0	140.0	1000	21	WNW	25
8	TS	01/19	18	13.4	137.9	998	21	SW	25
9	TD	01/20	0	13.0	133.0	1004	15	W	20

2. TC = NWP8902 Name = ANDY All Points = 22

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	04/17	0	6.0	150.0	1004	15	W	3
2	TD	04/17	12	6.0	149.0	1002	15	W	5
3	TS	04/18	0	8.5	148.0	998	18	NW	5
4	TS	04/18	6	9.4	146.2	996	21	NW	10
5	TS	04/18	12	9.7	145.5	996	21	WNW	5
6	TS	04/19	0	9.7	143.8	990	23	W	7
7	TS	04/19	6	9.8	143.4	985	23	W	7
8	STS	04/19	12	9.8	143.4	980	28	W	7
9	STS	04/20	0	10.8	143.4	975	31	N	5

10	T	04/20	6	11.0	143.7	960	38	NE	9
11	T	04/20	12	11.5	144.8	945	44	NE	9
12	T	04/20	18	12.0	145.0	930	44	NE	8
13	T	04/21	0	12.6	145.9	920	51	NE	12
14	T	04/21	6	13.5	146.7	920	51	NE	12
15	T	04/22	6	17.9	151.2	930	49	NE	15
16	T	04/23	0	20.6	154.6	960	36	NE	13
17	STS	04/23	12	22.5	155.5	975	31	NNE	10
18	STS	04/24	0	24.3	156.8	985	26	NNE	10
19	TS	04/24	6	25.1	157.3	990	23	NNE	10
20	TS	04/24	12	26.8	158.8	990	23	NNE	11
21	TS	04/25	0	28.1	160.5	996	18	NE	15
22	TD	04/25	6	29.5	160.5	998	15	NE	10

3. TC = NWP8903 Name = BRENDA All Points = 30

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/14	6	7.0	135.0	1006	7	0	0
2	L	05/14	12	7.0	135.0	1008	7	W	3
3	L	05/14	18	8.5	134.0	1006	10	W	7
4	TD	05/15	0	8.0	133.0	1006	15	WNW	15
5	TD	05/15	6	8.5	131.0	1004	15	WNW	15
6	TD	05/15	12	8.5	130.5	1004	15	WNW	15
7	TD	05/15	18	8.5	130.0	1002	15	WNW	10
8	TS	05/16	0	9.3	129.5	1000	18	WNW	10
9	TS	05/16	6	10.0	128.5	996	21	WNW	12
10	TS	05/16	12	11.0	126.6	992	23	WNW	15
11	TS	05/16	18	11.5	125.0	990	23	WNW	12
12	TS	05/17	0	12.1	123.5	990	23	WNW	10
13	TS	05/17	6	12.6	122.5	990	23	WNW	10
14	TS	05/17	12	14.0	121.0	990	23	WNW	13
15	TS	05/17	18	16.9	120.9	990	23	NW	10
16	STS	05/18	0	15.5	119.0	985	26	NW	13
17	STS	05/18	6	15.9	118.6	985	26	NW	10
18	STS	05/18	12	16.5	117.9	980	28	NW	10
19	STS	05/18	18	17.0	117.4	980	28	NW	8
20	STS	05/19	0	17.4	117.0	980	28	NW	8
21	STS	05/19	6	18.0	116.5	980	28	NW	8
22	STS	05/19	12	18.8	115.8	980	28	NW	8
23	STS	05/19	18	19.7	115.2	980	28	NW	8
24	T	05/20	0	20.5	114.6	970	33	NW	8
25	T	05/20	6	21.2	113.9	970	33	NW	8
26	STS	05/20	12	21.7	113.3	985	28	NW	9
27	STS	05/20	18	21.9	112.8	985	28	WNW	8
28	TS	05/21	0	22.5	111.5	996	21	WNW	8
29	TD	05/21	6	22.9	110.7	1000	15	WNW	8
30	TD	05/21	12	23.0	110.1	1002	13	NW	3

4. TC = NWP89-1 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/15	0	29.5	-173.0	1016	5	NE	25
2	L	05/15	6	29.5	-171.0	1016	7	E	20
3	L	05/15	12	30.0	-168.0	1016	5	NE	20
4	L	05/15	18	32.0	-167.0	1016	5	NE	20
5	L	05/16	0	33.0	-167.0	1020	7	N	20

5. TC = NWP89-2 Name = NO NAME All Points = 18

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/17	0	27.0	-171.0	1014	7	S	3
2	L	05/17	6	26.0	-171.0	1014	7	S	8
3	L	05/17	12	26.0	-171.0	1014	7	0	0

4	L	05/18	0	28.0	-177.0	1014	10	WNW	20
5	L	05/18	6	27.5	-178.0	1012	10	WSW	10
6	L	05/18	12	25.0	-179.5	1010	10	SW	15
7	L	05/18	18	25.0	-179.5	1010	10	0	0
8	L	05/19	0	26.0	-179.0	1014	5	NNE	10
9	L	05/19	6	27.0	180.0	1014	7	NW	15
10	L	05/19	12	27.5	179.5	1012	10	NW	8
11	L	05/19	18	26.0	180.0	1012	5	SSE	15
12	L	05/20	0	26.0	-179.5	1012	7	E	8
13	L	05/20	6	28.0	-179.5	1008	7	N	15
14	L	05/20	12	29.0	-179.5	1008	7	N	10
15	L	05/20	18	31.0	-179.5	1012	5	N	15
16	L	05/21	0	31.0	-179.5	1012	10	0	0
17	L	05/21	6	38.0	-176.0	1008	7	NNE	25
18	L	05/21	12	40.0	-173.0	1008	12	NE	25

6. TC = NWP89-3 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/19	0	7.0	157.5	1008	7	S	3
2	L	05/19	6	6.0	159.0	1008	7	SE	5
3	L	05/19	12	6.0	158.0	1008	5	W	8
4	L	05/19	18	6.0	158.0	1008	5	0	0

7. TC = NWP89-4 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/22	0	13.0	110.0	1002	7	E	5
2	L	05/22	6	12.5	112.5	1002	10	SE	15
3	L	05/26	6	17.0	104.0	1002	7	NW	3
4	L	05/26	12	19.0	103.0	1002	5	NNW	10

8. TC = NWP89-5 Name = NO NAME All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/28	12	3.0	139.0	1010	5	0	0
2	L	05/29	0	3.0	139.0	1010	5	0	0
3	L	05/29	6	3.0	139.0	1010	5	0	0
4	TD	05/29	12	5.0	139.0	1010	13	N	10
5	TD	05/29	18	5.0	138.0	1006	13	W	10
6	TD	05/30	0	5.0	137.5	1004	15	W	5
7	TD	05/30	6	5.0	137.0	1004	13	W	5
8	L	05/30	12	5.0	132.5	1006	10	W	20
9	L	05/30	18	5.0	131.0	1006	5	W	8

9. TC = NWP89-6 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	05/30	6	25.5	139.5	1008	7	SW	5
2	L	05/30	18	24.5	135.0	1008	7	WSW	15

10. TC = NWP89-7 Name = NO NAME All Points = 14

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/01	6	6.0	123.0	1008	5	W	5
2	L	06/01	12	7.0	122.0	1008	5	NW	10
3	L	06/01	18	7.5	122.5	1008	5	NE	5
4	L	06/02	6	9.0	121.0	1006	5	NW	7
5	L	06/02	12	9.5	121.0	1007	7	N	5
6	L	06/02	18	9.0	120.0	1008	7	SW	5
7	TD	06/03	0	12.0	118.5	1006	13	NW	15
8	TD	06/03	6	13.0	116.5	1006	13	NW	10
9	L	06/03	12	14.5	115.0	1006	10	NW	15
10	L	06/03	18	15.0	112.0	1006	7	WNW	15
11	L	06/04	0	15.0	112.0	1006	7	0	0

12 L 06/04 6 15.0 110.5 1006 7 W 10
 13 L 06/04 12 16.0 110.0 1006 7 NNW 10
 14 L 06/04 18 16.5 110.0 1006 7 W 5

11. TC = NWP89-8 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/02	18	3.0	141.0	1008	7	N	7
2	L	06/03	0	6.0	142.0	1008	7	NNE	15
3	L	06/03	18	6.0	142.0	1008	7	NNE	15

12. TC = NWP8905 Name = DOT All Points = 36

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/04	0	8.0	137.5	1008	10	W	10
2	L	06/04	6	8.0	136.0	1008	10	W	10
3	TD	06/04	12	9.0	133.0	1008	13	W	10
4	TD	06/04	18	9.0	131.0	1006	15	W	20
5	TD	06/05	0	9.1	130.5	1006	15	WNW	7
6	TD	06/05	6	9.5	129.0	1004	15	WNW	13
7	TS	06/05	12	10.5	128.0	1000	18	NW	13
8	TS	06/05	18	11.3	126.8	998	18	NW	13
9	TS	06/06	0	12.0	125.5	998	21	WNW	10
10	TS	06/06	6	12.3	124.1	998	21	WNW	10
11	TS	06/06	12	12.6	123.0	994	23	WNW	10
12	TS	06/06	18	13.3	122.8	994	23	NW	13
13	TS	06/07	0	14.3	120.0	990	23	WNW	13
14	STS	06/07	6	13.8	118.4	985	26	WNW	13
15	STS	06/07	12	14.1	118.0	985	26	WNW	10
16	STS	06/07	18	14.4	117.5	985	28	WNW	10
17	STS	06/08	0	15.0	116.7	980	28	WNW	8
18	T	06/08	6	15.8	116.0	970	33	WNW	9
19	T	06/08	12	16.2	115.0	960	38	WNW	10
20	T	06/08	18	16.3	114.4	960	38	WNW	8
21	T	06/09	0	16.6	113.6	960	38	WNW	7
22	T	06/09	6	17.0	112.7	955	41	WNW	8
23	T	06/09	12	17.3	111.9	955	41	WNW	8
24	T	06/09	18	18.6	111.0	955	41	WNW	8
25	T	06/10	0	18.0	110.3	960	38	WNW	8
26	T	06/10	6	18.4	109.6	965	36	WNW	8
27	T	06/10	12	19.0	108.4	970	33	WNW	9
28	STS	06/10	18	19.4	107.6	975	31	WNW	9
29	STS	06/11	0	19.7	106.4	980	26	WNW	8
30	STS	06/11	6	20.0	106.3	985	26	WNW	8
31	STS	06/11	12	20.3	105.7	985	26	WNW	8
32	TS	06/11	18	20.8	104.5	990	23	WNW	10
33	TD	06/12	0	20.9	104.2	998	13	NW	10
34	L	06/12	6	21.0	103.0	1000	10	NW	10
35	L	06/12	12	23.0	104.0	1000	10	N	3
36	L	06/12	18	30.0	105.0	1000	10	N	25

13. TC = NWP89-9 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/06	6	7.5	151.5	1008	5	0	0
2	L	06/07	6	7.5	151.5	1008	5	0	0

14. TC = NWP89-10 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/13	18	10.0	144.5	1010	5	W	5
2	L	06/14	0	9.5	141.0	1010	5	WSW	15
3	L	06/14	12	9.0	140.0	1008	5	WSW	5

15. TC = NWP89-11 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/15	0	11.5	141.0	1010	5	W	3
2	L	06/16	0	11.5	141.0	1010	5	0	0

16. TC = NWP8906 Name = ELSIE All Points = 32

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/16	6	12.0	141.5	1008	10	W	3
2	L	06/16	12	11.5	141.0	1010	10	SW	5
3	L	06/16	18	13.5	140.5	1008	10	NNW	10
4	L	06/17	0	11.0	139.5	1010	10	SSW	8
5	L	06/17	6	12.0	140.5	1008	10	NE	8
6	L	06/17	12	12.0	139.5	1008	10	W	8
7	L	06/17	18	12.0	139.5	1008	10	0	0
8	L	06/18	0	12.0	139.0	1010	10	W	5
9	L	06/18	12	14.0	138.0	1008	10	NNW	8
10	L	06/18	18	14.0	136.0	1008	10	W	10
11	L	06/19	0	14.5	135.0	1008	10	WNW	10
12	L	06/19	6	14.0	134.5	1008	10	SW	5
13	L	06/19	12	11.5	133.0	1010	10	SSW	10
14	L	06/19	18	11.0	133.0	1008	10	S	5
15	L	06/20	0	16.0	130.5	1006	10	NNW	10
16	TD	06/20	6	17.0	130.0	1004	13	NW	10
17	TD	06/20	12	16.5	129.0	1004	13	SW	10
18	TD	06/20	18	17.0	129.0	1004	13	N	5
19	TD	06/21	0	17.5	129.0	1004	13	N	5
20	TD	06/21	6	16.5	126.0	1004	15	W	15
21	TD	06/21	12	17.0	125.0	1004	13	WSW	15
22	TD	06/21	18	17.5	126.0	1002	13	NE	8
23	TD	06/22	0	17.0	126.0	1002	13	0	0
24	TD	06/22	6	18.0	127.0	1002	15	NW	8
25	TD	06/22	12	19.0	126.5	1000	15	N	10
26	TS	06/22	18	19.8	126.3	996	23	N	10
27	TS	06/23	0	21.0	126.3	996	23	N	10
28	TS	06/23	6	22.6	127.3	994	23	NNE	15
29	TS	06/23	12	25.8	129.0	994	21	NNE	30
30	TS	06/23	18	29.6	130.2	990	23	NNE	30
31	L	06/24	0	33.2	130.9	990	21	N	30
32	L	06/24	6	35.0	131.0	992	21	NE	25

17. TC = NWP89-12 Name = NO NAME All Points = 10

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/24	0	19.0	116.0	1004	5	W	1
2	L	06/24	6	18.5	115.0	1004	5	SW	5
3	L	06/24	12	18.0	115.0	1004	5	S	3
4	L	06/24	18	16.0	115.0	1004	8	S	10
5	TD	06/25	0	16.0	115.0	1004	13	0	0
6	TD	06/25	6	16.0	114.0	1004	13	W	5
7	TD	06/25	12	16.0	114.0	1004	13	0	0
8	TD	06/25	18	16.0	112.0	1002	13	W	15
9	L	06/26	0	16.0	111.0	1004	7	W	8
10	L	06/26	6	16.0	110.0	1004	5	W	15

18. TC = NWP89-13 Name = NO NAME All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	06/28	12	26.0	165.0	1010	7	N	3
2	L	06/28	18	27.5	165.0	1008	10	N	10
3	L	06/29	0	27.5	166.0	1008	10	E	10
4	L	06/29	6	28.5	168.0	1008	7	NE	15
5	L	06/29	12	29.5	169.0	1008	7	NE	10

6	L	06/29	18	30.0	170.0	1008	10	NE	10
7	L	06/30	0	33.0	172.0	1008	10	NE	20
8	L	06/30	6	34.0	173.0	1010	7	NE	15
9	L	06/30	12	35.0	174.0	1012	5	NE	15

19. TC = NWP89-14 Name = NO NAME All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/02	0	10.0	122.0	1008	5	S	3
2	L	07/02	6	9.0	121.0	1006	5	SW	8
3	L	07/02	18	11.5	119.0	1008	5	NW	15
4	L	07/03	0	12.5	115.0	1008	5	WNW	15
5	L	07/03	6	11.0	114.0	1006	5	SW	15
6	L	07/04	0	12.0	110.0	1008	5	W	15

20. TC = NWP8907 Name = FAYE All Points = 17

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/05	0	10.0	135.0	1008	10	W	10
2	TD	07/06	0	13.0	130.0	1006	13	NW	20
3	TD	07/07	0	14.5	128.0	1000	15	NW	10
4	TS	07/07	12	15.5	127.0	998	18	NW	10
5	TS	07/07	18	16.7	126.1	992	23	NW	8
6	STS	07/08	0	16.8	124.8	985	26	W	9
7	STS	07/08	6	16.7	123.6	980	28	W	10
8	STS	07/08	12	16.8	122.0	980	28	W	12
9	STS	07/08	18	16.9	119.7	980	28	W	15
10	STS	07/09	0	17.0	118.4	980	28	W	15
11	STS	07/09	6	17.2	117.3	980	28	W	12
12	STS	07/09	12	17.7	116.6	980	28	WNW	10
13	STS	07/09	18	18.0	115.3	980	28	WNW	10
14	TS	07/10	0	19.1	112.4	990	23	WNW	14
15	TS	07/10	12	19.5	111.4	992	23	WNW	13
16	TS	07/10	18	19.9	110.3	992	23	WNW	12
17	L	07/11	12	21.0	108.0	1000	10	NW	15

21. TC = NWP8908 Name = GORDON All Points = 33

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/11	0	19.0	149.5	1008	13	W	10
2	TD	07/11	6	18.5	146.5	1004	15	W	10
3	TD	07/11	12	18.5	146.0	1000	15	W	10
4	TD	07/11	18	18.5	144.5	1000	15	W	12
5	TS	07/12	0	18.5	143.3	996	21	W	12
6	TS	07/12	6	18.5	141.7	992	21	W	12
7	TS	07/12	12	18.3	140.4	988	23	W	12
8	STS	07/12	18	18.3	138.7	985	26	W	13
9	STS	07/13	0	18.0	137.1	980	28	W	15
10	STS	07/13	6	17.5	135.3	975	31	W	15
11	STS	07/13	12	17.3	134.0	975	31	W	15
12	STS	07/13	18	16.8	132.8	975	31	W	15
13	T	07/14	0	16.6	131.5	970	33	W	13
14	T	07/14	6	16.4	130.3	955	38	W	10
15	T	07/14	12	16.3	128.7	940	44	W	13
16	T	07/14	18	16.4	127.5	935	46	W	13
17	T	07/15	0	16.6	126.3	925	49	W	12
18	T	07/15	6	16.9	125.2	915	51	W	11
19	T	07/15	12	17.5	124.0	915	51	WNW	11
20	T	07/15	18	18.0	122.5	925	49	WNW	14
21	T	07/16	0	18.3	121.3	940	44	WNW	14
22	T	07/16	6	18.2	120.2	955	38	W	12
23	T	07/16	12	18.6	119.0	955	38	WNW	13
24	T	07/16	18	18.9	117.6	960	38	WNW	13

25	T	07/17	0	19.1	116.7	965	36	WNW	11
26	T	07/17	6	19.7	115.8	965	36	WNW	11
27	T	07/17	12	20.3	115.0	970	33	WNW	10
28	T	07/17	18	20.6	113.6	970	33	WNW	10
29	T	07/18	0	21.1	112.2	970	33	WNW	12
30	STS	07/18	12	22.0	110.3	985	26	WNW	12
31	TD	07/18	18	23.0	108.5	992	15	NW	15
32	TD	07/19	0	23.0	106.0	996	13	W	20
33	L	07/19	6	22.5	106.0	998	10	0	0

22. TC = NWP89-15 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/13	12	13.0	153.0	1008	5	W	1
2	L	07/13	18	13.0	152.0	1008	7	W	5
3	L	07/14	0	13.5	150.0	1008	7	W	10
4	L	07/14	6	13.0	149.5	1006	5	W	5

23. TC = NWP8909 Name = HOPE All Points = 26

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/15	12	20.0	137.0	1008	13	WNW	10
2	TD	07/15	18	20.0	135.0	1004	13	W	15
3	TD	07/16	0	20.5	134.5	1002	15	W	15
4	TD	07/16	6	21.0	134.0	1000	15	NNW	12
5	TS	07/16	12	21.1	133.0	998	18	WNW	13
6	TS	07/16	18	21.3	131.7	992	23	WNW	12
7	TS	07/17	0	21.8	130.0	990	23	WNW	10
8	TS	07/17	6	22.7	130.0	990	23	WNW	10
9	TS	07/17	12	23.8	129.0	990	23	NW	13
10	TS	07/17	18	24.5	128.0	990	23	NW	12
11	TS	07/18	0	24.9	126.0	990	23	WNW	11
12	STS	07/18	6	25.0	126.4	985	26	WNW	1
13	STS	07/18	12	25.4	125.8	985	26	WNW	7
14	STS	07/18	18	25.8	125.2	985	26	WNW	7
15	TS	07/19	0	26.7	124.5	990	23	NW	7
16	TS	07/19	6	27.1	124.1	990	23	NW	7
17	TS	07/19	12	27.7	123.9	992	21	NW	7
18	TS	07/19	18	28.3	123.7	992	21	NNW	7
19	TS	07/20	0	28.7	123.1	996	21	NW	7
20	TS	07/20	6	29.0	122.7	996	21	NW	7
21	TS	07/20	12	29.0	122.3	996	21	NW	6
22	TS	07/20	18	29.0	122.0	996	21	WNW	1
23	TD	07/21	0	29.0	119.0	1002	15	WNW	1
24	L	07/21	6	29.0	119.0	1002	10	W	20
25	L	07/21	12	29.0	118.0	1002	5	W	20
26	L	07/21	18	29.0	119.0	1002	5	W	15

24. TC = NWP89-16 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/17	0	10.0	153.0	1006	5	W	10
2	L	07/17	6	8.5	152.5	1006	5	SSW	10
3	L	07/17	12	9.0	148.0	1008	5	WNW	15
4	L	07/17	18	9.0	149.0	1008	5	W	10

25. TC = NWP8910 Name = IRVING All Points = 26

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/18	6	11.0	132.0	1006	5	W	3
2	L	07/18	12	10.5	133.0	1006	5	WSW	5
3	L	07/18	18	11.0	132.5	1006	7	NW	3
4	L	07/19	0	11.5	131.0	1006	8	W	6
5	L	07/19	6	11.0	129.5	1006	8	W	8

6	L	07/19	12	11.5	127.5	1006	10	W	15
7	L	07/19	18	12.0	125.0	1006	10	W	10
8	L	07/20	0	13.0	124.0	1004	10	NW	10
9	L	07/20	6	14.0	123.0	1004	10	NW	10
10	TD	07/20	12	14.5	120.5	1002	15	WNW	15
11	TD	07/20	18	14.5	120.0	1002	15	W	8
12	TS	07/21	0	15.4	117.0	996	18	WNW	13
13	TS	07/21	6	15.1	114.5	994	21	W	16
14	TS	07/21	12	15.2	113.2	992	23	W	16
15	STS	07/21	18	15.0	112.4	985	28	W	16
16	STS	07/22	0	15.0	111.8	985	28	W	12
17	STS	07/22	6	15.5	111.1	985	28	NW	12
18	STS	07/22	12	16.4	110.1	985	26	NW	10
19	TS	07/22	18	16.6	109.5	985	23	NW	10
20	TS	07/23	0	16.6	108.6	990	23	W	8
21	TS	07/23	6	17.1	107.7	990	23	WNW	8
22	TS	07/23	12	18.0	107.0	992	23	NW	8
23	TS	07/23	18	18.5	106.6	998	23	NNW	8
24	TS	07/24	0	19.5	105.8	994	21	NNW	10
25	TS	07/24	6	20.0	104.9	998	18	NW	10
26	TD	07/24	12	21.0	104.0	1000	13	NNW	10

26. TC = NWP8911 Name = JUDY All Points = 36

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/20	12	12.0	145.0	1010	10	W	15
2	L	07/20	18	11.0	143.0	1008	10	WSW	15
3	TD	07/21	0	11.0	141.0	1006	13	W	15
4	TD	07/21	6	11.0	140.5	1004	13	W	5
5	TD	07/21	12	11.0	140.0	1004	15	W	5
6	TD	07/21	18	12.0	139.5	1004	15	NW	8
7	TD	07/22	0	13.5	139.0	1004	15	NNW	8
8	TD	07/22	6	15.5	138.0	1002	15	NNW	10
9	TD	07/22	12	15.8	138.0	1002	15	N	3
10	TD	07/22	18	15.9	137.5	1000	15	N	3
11	TS	07/23	0	16.5	137.5	998	18	N	3
12	TS	07/23	6	16.7	137.5	996	21	N	3
13	TS	07/23	12	17.0	137.5	994	21	N	2
14	TS	07/23	18	17.6	137.5	990	23	N	2
15	STS	07/24	0	18.5	137.5	985	26	N	5
16	STS	07/24	6	19.4	138.2	975	31	NE	5
17	T	07/24	12	20.2	138.2	970	33	N	7
18	T	07/24	18	20.9	138.2	965	36	N	7
19	T	07/25	0	21.8	138.3	955	38	N	8
20	T	07/25	6	22.9	138.2	945	41	N	9
21	T	07/25	12	23.9	138.2	945	41	N	10
22	T	07/25	18	24.9	137.9	940	44	N	10
23	T	07/26	0	26.0	137.6	940	44	N	10
24	T	07/26	6	26.8	136.9	940	44	NNW	10
25	T	07/26	12	27.6	136.4	940	44	NNW	10
26	T	07/26	18	28.5	135.3	940	44	NW	12
27	T	07/27	0	29.3	134.0	950	41	NW	13
28	T	07/27	6	30.2	132.6	955	38	NW	14
29	T	07/27	12	30.7	131.5	960	36	WNW	13
30	T	07/27	18	31.6	130.2	955	36	NW	14
31	T	07/28	0	32.7	129.2	965	33	NW	14
32	STS	07/28	6	33.4	128.1	980	28	NW	13
33	STS	07/28	12	34.5	127.7	985	26	N	12
34	TS	07/28	18	36.4	126.6	994	21	NNW	16
35	L	07/29	0	37.0	126.5	1000	13	NNW	15
36	L	07/29	6	38.0	125.0	1006	10	NW	15

27. TC = NWP89-17 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/21	0	5.0	168.0	1010	5	0	0
2	L	07/21	6	5.0	168.0	1010	5	0	0
3	L	07/21	12	5.0	168.0	1010	7	0	0
4	L	07/21	18	5.0	165.0	1010	7	W	10
5	L	07/22	0	5.0	165.0	1010	5	0	0

28. TC = NWP89-18 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/22	0	27.5	145.0	1012	5	NW	10
2	L	07/23	0	27.5	145.0	1012	5	0	0

29. TC = NWP89-19 Name = NO NAME All Points = 14

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/25	12	11.0	155.0	1010	5	N	3
2	L	07/25	18	12.5	155.0	1010	5	N	5
3	L	07/26	0	13.0	155.0	1010	5	N	5
4	L	07/26	6	12.0	156.0	1008	5	SE	7
5	L	07/26	12	13.0	154.5	1008	5	NW	7
6	L	07/26	18	13.0	155.0	1010	5	E	3
7	L	07/27	0	15.0	155.0	1010	5	N	10
8	L	07/27	6	16.0	156.0	1010	5	NW	10
9	L	07/27	12	17.0	157.0	1010	5	NW	10
10	L	07/27	18	16.5	157.5	1010	5	SE	7
11	L	07/28	0	16.5	155.0	1008	5	W	8
12	L	07/28	6	17.0	155.0	1006	8	N	5
13	L	07/28	12	17.0	155.0	1008	8	0	0
14	L	07/28	18	17.5	155.0	1008	5	N	5

30. TC = NWP89-20 Name = NO NAME All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/25	12	31.5	120.0	1000	7	E	15
2	L	07/25	18	31.5	122.0	996	7	E	15
3	L	07/26	0	32.0	123.0	998	8	NE	15
4	L	07/26	6	34.0	125.0	998	7	NE	15
5	L	07/26	12	34.0	125.0	1002	7	0	0
6	L	07/26	18	34.0	125.5	1002	7	E	5

31. TC = NWP89-21 Name = NO NAME All Points = 20

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/26	6	29.5	121.0	998	7	ESE	10
2	L	07/26	12	29.0	121.5	998	7	SE	7
3	L	07/26	18	27.0	123.0	1000	7	SE	15
4	L	07/27	0	21.0	128.5	1000	7	SE	15
5	TD	07/27	6	21.0	132.0	1000	13	E	10
6	TD	07/27	12	22.0	132.5	1000	13	NNE	7
7	TD	07/27	18	22.5	133.0	1000	13	NE	1
8	TD	07/28	0	22.0	130.0	998	13	WSW	10
9	TD	07/28	6	23.5	131.0	998	13	NE	10
10	TD	07/28	12	24.0	131.0	998	13	N	3
11	TD	07/28	18	25.0	128.5	998	13	WNW	7
12	TD	07/29	0	25.0	126.0	998	13	W	10
13	TD	07/29	6	24.5	124.5	994	15	W	10
14	TD	07/29	12	24.3	124.0	994	15	SW	6
15	TD	07/29	18	24.0	122.0	996	15	WSW	10
16	TD	07/30	0	24.5	122.0	998	13	N	1
17	TD	07/30	6	25.0	122.0	998	13	N	1
18	TD	07/30	12	25.0	121.0	998	13	W	8
19	TD	07/31	0	21.5	124.0	996	13	SE	15

20 L 07/31 6 22.0 124.5 996 7 N 5
 32. TC = NWP89-22 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/27	6	23.5	125.5	1000	5	SE	10
2	L	07/27	12	22.0	128.0	1000	7	ESE	10
3	L	07/28	0	23.5	128.5	1000	5	NNE	10

33. TC = NWP89-23 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/27	12	22.5	111.0	1002	5	0	0
2	L	07/27	18	22.5	113.0	1002	5	E	10
3	L	07/28	0	23.0	115.0	1002	7	E	10
4	L	07/28	6	22.0	115.5	1002	7	SSE	7
5	L	07/28	12	21.5	115.0	1002	5	SW	1

34. TC = NWP89-24 Name = NO NAME All Points = 8

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/28	0	20.5	140.5	1006	5	NW	1
2	L	07/28	6	21.0	141.0	1002	7	NW	1
3	L	07/28	12	22.0	142.5	1004	7	NW	8
4	L	07/28	18	22.5	140.5	1002	10	WNW	10
5	L	07/29	0	26.0	139.0	1006	10	NNW	10
6	L	07/29	6	26.5	139.5	1000	10	NE	5
7	L	07/29	12	27.0	139.0	1002	10	NW	7
8	L	07/29	18	28.0	139.0	1002	10	N	10

35. TC = NWP8912 Name = LOLA - KEN Points = 34

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/29	0	21.5	131.5	998	15	E	1
2	TS	07/29	6	21.5	133.5	990	21	E	15
3	TS	07/29	12	22.0	134.0	990	21	ENE	10
4	TS	07/29	18	22.7	134.5	990	21	NE	5
5	TS	07/30	0	24.0	135.5	992	21	NE	12
6	TS	07/30	6	25.0	137.0	990	23	NE	12
7	TS	07/30	12	26.1	138.1	990	23	NE	12
8	STS	07/31	0	28.8	136.0	980	28	NW	10
9	STS	07/31	6	29.3	132.5	980	28	W	23
10	STS	07/31	12	28.7	130.3	985	26	WSW	15
11	STS	07/31	18	27.8	129.3	985	26	SW	14
12	STS	08/01	0	27.0	129.2	980	26	S	7
13	STS	08/01	6	27.0	129.5	980	26	0	0
14	STS	08/01	12	26.9	129.5	980	26	0	0
15	TS	08/01	18	26.5	129.2	980	23	0	0
16	TS	08/02	0	27.0	129.1	980	23	N	3
17	TS	08/02	6	27.2	128.6	980	23	NNW	3
18	TS	08/02	12	27.3	128.5	980	23	0	0
19	TS	08/02	18	28.5	127.8	980	23	NNW	8
20	STS	08/03	0	29.5	126.5	980	26	NW	15
21	STS	08/03	6	29.9	125.1	980	26	NW	13
22	STS	08/03	12	30.6	124.0	980	26	NW	12
23	STS	08/03	18	31.6	123.1	980	26	NW	12
24	TS	08/04	0	31.4	121.2	985	23	WNW	12
25	TS	08/04	6	31.5	119.8	990	23	W	12
26	TS	08/04	12	31.6	119.0	992	18	W	12
27	TD	08/04	18	32.0	118.0	996	15	W	12
28	TD	08/05	0	32.0	117.0	998	15	W	10
29	TD	08/05	6	31.5	117.0	998	15	S	7
30	TD	08/05	12	32.0	117.0	998	13	N	7
31	L	08/05	18	32.0	116.0	1000	10	W	10

32 L 08/06 0 32.0 115.0 1000 10 W 10
 33 L 08/06 6 32.0 114.0 998 10 W 10
 34 L 08/06 12 32.0 114.0 998 10 0 0

36. TC = NWP89-25 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/29	12	8.5	161.5	1012	5	W	3
2	L	07/30	0	8.0	162.0	1010	5	SE	5

37. TC = NWP8913 Name = MAC All Points = 33

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	07/30	0	20.0	152.0	1008	5	NE	3
2	TD	07/30	6	21.5	154.0	1006	13	NE	8
3	TD	07/30	12	21.5	153.0	1006	13	W	7
4	TD	07/31	0	20.0	151.5	1006	13	SW	8
5	TD	07/31	6	20.0	152.5	1002	15	E	8
6	TS	07/31	12	19.5	151.5	992	23	SW	8
7	TS	07/31	18	20.0	151.3	992	23	NNW	5
8	TS	08/01	0	20.7	151.0	992	23	NNW	5
9	TS	08/01	6	22.2	151.3	990	23	N	12
10	STS	08/01	12	23.3	151.0	985	26	N	10
11	STS	08/01	18	23.8	150.6	980	28	NNW	8
12	STS	08/02	0	24.3	150.0	980	28	NW	8
13	STS	08/02	6	25.0	149.7	975	31	NW	8
14	STS	08/02	12	25.8	149.5	975	31	NNW	8
15	STS	08/02	18	26.7	148.5	975	31	NW	9
16	T	08/03	0	27.0	147.2	970	33	W	12
17	T	08/03	6	27.0	146.2	965	36	W	8
18	T	08/03	12	26.8	145.5	955	38	W	6
19	T	08/03	18	26.5	145.1	955	38	SW	3
20	T	08/04	0	26.4	144.9	955	38	0	0
21	T	08/04	6	26.4	144.5	950	41	W	3
22	T	08/04	12	26.5	144.4	950	41	0	0
23	T	08/04	18	27.0	144.3	950	41	N	3
24	T	08/05	0	27.8	144.2	950	41	N	7
25	T	08/05	6	29.2	143.8	950	41	N	14
26	T	08/05	12	30.7	143.6	955	38	N	16
27	T	08/05	18	32.6	142.9	960	38	NNW	20
28	L	08/06	0	34.3	142.0	965	36	NNW	20
29	L	08/06	6	35.7	140.8	970	31	NW	18
30	L	08/06	12	37.4	140.2	980	26	NNW	18
31	L	08/07	0	40.8	138.2	985	23	NNW	18
32	L	08/07	6	41.8	137.8	992	21	NW	18
33	L	08/07	12	42.8	137.0	994	18	NW	10

38. TC = NWP89-26 Name = NO NAME All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/31	6	25.0	140.0	996	15	0	0
2	TD	07/31	12	25.0	140.0	998	15	0	0
3	TD	07/31	18	25.0	140.5	996	15	E	3
4	TD	08/01	0	25.0	140.5	996	15	0	0
5	TD	08/01	6	26.0	140.5	996	15	N	7
6	TD	08/01	12	25.0	140.5	1000	13	S	7
7	TD	08/01	18	25.0	140.5	1000	13	0	0
8	TD	08/02	0	26.0	141.0	1000	13	N	7
9	TD	08/02	6	26.5	141.0	1000	13	N	3

39. TC = NWP89-27 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/04	12	8.0	157.0	1008	7	W	5

2 L 08/05 0 7.5 155.0 1008 7 WSW 15
 40. TC = NWP89-28 Name = NO NAME All Points = 2

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	L	08/06	6	6.0	165.0	1008	5	E	3
2	L	08/07	0	6.0	166.0	1010	5	E	7

42. TC = NWP8914 Name = NANCY All Points = 18

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/11	0	20.0	153.0	1004	15	E	3
2	TS	08/12	0	21.2	156.0	996	21	ENE	8
3	TS	08/12	6	21.7	157.4	992	23	NNE	8
4	TS	08/12	18	21.8	157.7	990	23	N	1
5	STS	08/13	0	23.2	157.8	985	31	N	8
6	STS	08/13	6	24.8	157.0	980	31	NNW	10
7	STS	08/13	12	25.9	156.1	980	28	NNW	15
8	T	08/13	18	27.3	155.5	970	33	NNW	17
9	T	08/14	6	30.6	151.8	965	36	NW	20
10	T	08/14	18	33.0	148.5	965	36	NW	20
11	T	08/15	0	34.1	147.1	965	36	NW	17
12	L	08/15	12	37.3	146.0	965	36	N	16
13	L	08/15	18	39.0	145.8	970	33	N	14
14	L	08/16	0	40.4	145.5	975	31	N	14
15	L	08/16	6	41.5	144.4	975	31	N	12
16	L	08/16	12	43.1	144.6	980	28	NNE	15
17	L	08/16	18	43.9	146.5	992	23	NNE	7
18	L	08/17	0	45.0	148.0	1000	21	NE	7

41. TC = NWP8915 Name = OWEN All Points = 24

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/10	0	15.0	141.0	1005	15	N	1
2	TD	08/10	12	16.0	141.5	1004	15	N	7
3	TD	08/11	0	17.5	142.5	1004	15	NE	10
4	TD	08/11	12	18.0	143.0	1004	15	NE	10
5	TD	08/12	0	19.9	146.5	1002	15	NE	15
6	TS	08/13	0	19.0	149.1	992	23	E	7
7	STS	08/13	6	18.4	150.1	985	28	ENE	9
8	STS	08/13	12	18.7	151.1	980	28	ENE	10
9	T	08/14	0	20.8	151.9	965	36	NE	12
10	T	08/14	6	22.1	152.1	960	38	N	13
11	T	08/14	18	25.0	151.5	960	33	N	12
12	T	08/15	0	26.0	150.4	960	38	NNW	14
13	T	08/15	6	27.4	150.3	960	36	NNW	14
14	T	08/15	18	29.3	149.0	965	36	NNW	12
15	T	08/16	6	31.4	147.0	975	33	NW	12
16	STS	08/16	12	32.7	146.3	975	31	N	15
17	T	08/16	18	33.4	145.9	975	33	NNW	8
18	T	08/17	0	34.6	145.5	975	33	NNW	10
19	L	08/17	6	35.8	145.6	975	33	N	12
20	L	08/17	12	37.2	145.7	980	28	N	14
21	L	08/17	18	38.6	146.5	985	26	NNE	16
22	L	08/18	0	40.3	147.7	985	26	NNE	18
23	L	08/18	6	41.9	149.6	985	26	NNE	16
24	L	08/19	0	45.7	153.3	990	23	NE	20

43. TC = NWP8916 Name = REDDY All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/15	0	19.0	149.0	1004	13	N	3
2	TD	08/16	0	20.0	148.5	1000	15	NW	7
3	TS	08/17	0	22.9	148.3	998	18	NNW	9

4	TS	08/17	6	23.2	148.1	998	18	NNW	1
5	TS	08/17	12	23.0	147.9	996	18	NNW	1
6	TS	08/18	0	23.5	145.4	998	18	W	15
7	TS	08/18	12	23.5	145.7	998	18	W	3
8	TS	08/18	18	23.5	145.4	998	18	WNW	1
9	TD	08/19	0	24.8	143.1	1002	15	NW	8

44. TC = NWP8917 Name = ROGER All Points = 17

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/23	0	23.0	123.0	1006	15	N	3
2	TD	08/23	12	23.5	123.0	1006	15	N	5
3	TD	08/24	0	24.0	124.0	1004	15	ENE	7
4	TD	08/24	6	24.5	124.0	1002	15	N	3
5	TD	08/24	12	25.5	124.0	1000	15	N	7
6	TD	08/25	0	25.0	124.5	998	15	SE	5
7	TS	08/25	6	25.0	125.6	994	21	E	15
8	TS	08/25	18	24.9	128.5	990	23	ENE	17
9	STS	08/26	0	26.1	130.1	985	26	NE	15
10	STS	08/26	6	29.2	131.2	980	28	NNE	20
11	STS	08/26	18	31.0	132.5	980	28	NNE	15
12	STS	08/27	0	33.4	134.1	980	26	NNE	20
13	STS	08/27	6	34.7	135.5	980	26	NNE	18
14	L	08/27	12	37.5	137.9	985	26	NNE	30
15	L	08/28	0	42.0	140.6	984	26	NNE	26
16	L	08/28	6	43.7	142.8	984	26	NE	15
17	L	08/28	12	44.0	143.0	980	26	NE	5

45. TC = NWP8918 Name = NO NAME All Points = 8

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/24	12	25.5	148.0	1006	15	ENE	15
2	TD	08/25	0	27.0	152.5	1002	15	NE	10
3	TD	08/25	12	27.5	153.0	1002	15	NE	7
4	TD	08/26	0	28.0	154.0	1002	15	NE	7
5	TD	08/26	6	29.0	155.0	1003	15	NE	10
6	TS	08/26	12	30.0	156.5	1004	18	NE	15
7	TS	08/27	0	32.0	160.2	1002	18	ENE	15
8	L	08/27	6	32.5	161.0	1002	18	NE	10

46. TC = NWP8919 Name = SARAN All Points = 24

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/05	0	21.0	147.0	1005	15	W	5
2	TS	09/06	0	20.5	141.5	996	21	W	10
3	TS	09/06	6	20.8	139.3	996	18	W	15
4	TS	09/06	12	20.7	138.0	996	18	W	12
5	TS	09/06	18	20.6	137.2	996	18	W	12
6	TS	09/07	0	20.1	135.6	990	23	W	15
7	TS	09/07	6	20.2	134.4	990	23	W	15
8	STS	09/07	22	20.0	131.9	980	31	W	15
9	STS	09/08	6	21.3	126.6	975	31	W	25
10	STS	09/08	12	19.5	125.3	975	31	SW	22
11	STS	09/08	18	18.5	125.0	975	31	SSW	12
12	STS	09/09	0	18.0	125.0	975	31	0	0
13	T	09/09	6	17.9	124.4	970	33	W	5
14	T	09/10	0	19.4	124.2	970	33	N	10
15	T	09/10	6	20.0	124.0	970	33	N	8
16	STS	09/10	18	21.1	123.1	955	26	WNW	8
17	T	09/11	0	21.7	123.1	955	38	N	8
18	T	09/11	12	23.4	123.1	930	46	NW	10
19	T	09/12	0	23.7	121.6	965	44	NNE	1
20	STS	09/12	6	24.3	121.8	975	31	N	1

21	T	09/12	18	25.5	121.1	975	36	NW	8
22	STS	09/13	0	26.5	120.6	985	26	NW	7
23	TS	09/13	6	27.5	120.8	990	23	N	8
24	TD	09/14	0	27.5	120.5	1002	15	N	5

47. TC = NWP8920 Name = TIP All Points = 21

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/08	12	18.6	151.5	1002	15	ENE	15
2	TS	09/09	0	20.5	153.6	1000	18	NNE	12
3	TS	09/09	6	21.8	154.9	994	21	NNE	15
4	TS	09/09	12	24.3	155.7	992	21	N	20
5	TS	09/09	18	26.6	153.6	992	23	NNE	20
6	TS	09/10	0	29.4	152.7	990	23	NNW	20
7	TS	09/10	6	29.1	150.6	990	23	NW	15
8	STS	09/10	18	29.8	149.3	985	26	N	1
9	STS	09/11	0	30.3	150.6	985	26	ENE	8
10	STS	09/11	6	31.5	151.0	985	31	NNE	12
11	L	09/11	12	33.1	151.2	985	26	NNE	14
12	L	09/11	18	34.5	151.4	985	28	NNE	17
13	L	09/12	0	35.1	151.8	985	26	NNE	10
14	L	09/12	6	35.8	152.4	985	26	NNE	10
15	L	09/12	12	36.1	154.1	985	26	ENE	10
16	L	09/12	18	36.8	156.4	990	23	NE	13
17	L	09/13	0	38.0	158.5	992	23	NE	13
18	L	09/13	12	37.2	162.5	992	23	E	15
19	L	09/13	18	35.5	165.0	992	23	E	15
20	L	09/14	0	36.4	166.8	996	21	ESE	17
21	L	09/14	6	36.5	169.6	998	21	E	20

48. TC = NWP8921 Name = VERA All Points = 14

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/11	12	17.5	147.5	1004	15	W	1
2	TD	09/12	0	18.0	146.0	1004	15	WNW	6
3	TD	09/12	12	18.0	144.0	1004	15	WNW	10
4	TS	09/12	18	19.5	141.5	990	21	WNW	10
5	TS	09/13	0	20.0	139.5	990	21	W	15
6	TS	09/13	6	20.8	137.5	992	23	W	18
7	TS	09/13	12	21.0	136.2	990	23	NW	15
8	STS	09/14	0	22.8	132.4	985	26	WNW	15
9	STS	09/14	6	23.1	130.8	980	28	WNW	15
10	TS	09/14	18	24.9	126.4	985	23	WNW	18
11	TS	09/15	0	26.1	124.7	990	23	NW	20
12	TS	09/15	12	28.8	121.8	996	23	NW	15
13	TS	09/15	18	30.0	119.0	998	21	NW	10
14	TD	09/16	6	31.2	118.0	1000	15	NW	10

49. TC = NWP8922 Name = WAYNE All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/17	0	22.0	124.0	1002	15	W	1
2	TS	09/17	12	25.0	124.2	998	18	N	15
3	TS	09/18	0	25.4	124.8	994	18	NE	3
4	TS	09/18	6	26.5	125.0	985	23	NNE	12
5	STS	09/18	18	28.9	126.8	975	26	NE	13
6	T	09/19	6	31.6	131.3	970	33	ENE	28
7	STS	09/19	12	32.8	134.7	975	31	NNE	30
8	L	09/20	0	36.3	142.8	990	23	NNE	40
9	L	09/20	6	37.5	147.5	998	13	ENE	40

50. TC = NWP8923 Name = ANGELA All Points = 33

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/29	0	12.0	139.0	1004	15	NNW	8
2	TS	09/29	6	13.3	139.5	1000	18	NNW	6
3	TS	09/29	12	14.4	139.5	996	18	N	8
4	TS	09/30	6	15.8	138.0	994	21	NW	6
5	STS	09/30	18	16.4	138.2	980	28	N	5
6	T	10/01	0	16.5	137.9	970	33	NW	1
7	T	10/01	12	16.9	136.7	965	36	WNW	3
8	T	10/02	0	17.4	135.3	950	41	WNW	6
9	T	10/02	12	17.8	133.5	925	49	W	8
10	T	10/03	0	18.0	132.0	925	49	W	6
11	T	10/03	12	18.8	130.8	920	49	W	6
12	T	10/03	18	18.2	130.1	935	46	W	6
13	T	10/04	0	18.2	129.5	935	46	W	1
14	T	10/04	6	18.2	128.5	940	44	W	6
15	T	10/04	12	18.3	127.5	945	44	W	8
16	T	10/04	18	18.2	126.4	945	44	W	8
17	T	10/05	0	18.1	125.2	945	44	W	10
18	T	10/05	6	18.2	124.1	945	44	W	10
19	T	10/05	12	18.4	123.1	940	44	W	10
20	T	10/06	0	18.7	121.2	940	44	W	10
21	T	10/06	12	18.8	119.4	950	41	W	8
22	T	10/07	0	18.5	118.0	950	41	W	8
23	T	10/07	12	18.5	116.6	960	41	W	9
24	T	10/07	18	18.3	115.9	955	38	W	6
25	T	10/08	0	18.3	115.2	960	38	W	6
26	T	10/08	12	18.1	113.7	960	38	W	7
27	T	10/08	18	17.9	112.5	960	36	W	7
28	T	10/09	0	17.5	111.6	960	38	W	8
29	T	10/09	12	17.6	109.4	965	36	W	8
30	T	10/09	18	17.6	108.8	965	36	W	8
31	T	10/10	6	17.5	107.0	965	36	W	8
32	STS	10/10	12	17.5	106.0	970	26	W	8
33	TD	10/11	0	17.5	104.5	1004	15	W	8

51. TC = NWP8924 Name = BRIAN All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/29	0	17.5	118.0	1005	15	W	6
2	TD	09/30	0	19.5	115.5	1005	15	W	6
3	TS	10/01	0	19.8	113.8	995	18	W	6
4	TS	10/01	12	19.2	114.2	990	23	WSW	1
5	STS	10/02	0	18.6	113.3	985	26	W	10
6	STS	10/02	12	18.5	110.7	980	28	W	8
7	STS	10/03	0	18.5	108.0	980	28	W	12
8	TS	10/03	12	19.5	104.3	980	23	W	20
9	TD	10/04	0	20.0	103.5	1000	15	W	12

52. TC = NWP8925 Name = COLLEEN All Points = 17

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/01	12	13.0	151.5	1004	15	W	10
2	TS	10/02	0	11.7	149.6	998	18	WNW	10
3	TS	10/02	12	12.3	147.9	992	23	W	8
4	STS	10/03	0	14.3	147.8	985	26	WNW	8
5	STS	10/03	12	16.2	146.8	975	31	NW	12
6	STS	10/03	18	17.2	146.5	975	28	NNW	15
7	STS	10/04	0	18.1	146.8	975	31	NNW	10
8	T	10/04	6	18.6	145.3	970	33	NNW	10
9	T	10/04	18	20.2	144.9	965	36	NNW	10
10	T	10/05	0	20.7	144.5	960	38	NNE	5

11	T	10/05	12	22.1	143.9	950	41	NW	7
12	T	10/06	0	23.8	142.6	950	41	NW	11
13	T	10/07	0	27.3	141.0	950	46	NNE	10
14	T	10/07	18	33.1	145.2	955	40	NE	34
15	L	10/08	0	36.0	148.5	960	36	NE	40
16	L	10/08	6	39.8	150.4	965	36	NE	40
17	L	10/08	18	44.0	157.7	975	31	NE	40

53. TC = NWP8926 Name = DAN All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/08	0	10.0	136.0	1000	15	W	10
2	TS	10/09	0	10.5	136.6	996	21	W	10
3	STS	10/09	12	11.0	132.1	985	26	W	15
4	STS	10/10	0	12.1	128.5	975	31	WNW	20
5	T	10/10	6	12.5	126.5	970	33	WNW	20
6	T	10/11	0	14.5	120.0	975	33	WNW	20
7	T	10/11	6	15.0	118.9	970	33	WNW	18
8	T	10/12	0	16.5	113.6	965	36	W	11
9	T	10/12	18	17.4	110.0	960	38	WNW	11
10	T	10/13	0	17.8	108.6	965	36	WNW	12
11	T	10/13	6	18.0	107.4	970	33	WNW	12
12	STS	10/13	12	18.3	106.1	975	31	WNW	12
13	TD	10/14	0	18.4	105.5	990	15	W	10

54. TC = NWP8927 Name = ELSIE All Points = 14

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/13	12	16.0	138.0	1004	15	WNW	12
2	TD	10/14	0	18.5	132.8	1004	15	W	12
3	TS	10/14	6	16.6	132.0	998	18	W	10
4	STS	10/15	6	16.5	131.0	985	26	W	5
5	T	10/16	6	16.6	130.4	970	33	WNW	1
6	T	10/17	0	17.0	128.8	950	41	W	1
7	T	10/18	0	16.2	126.3	935	46	WSW	6
8	T	10/18	12	16.2	125.1	935	46	W	6
9	T	10/19	0	16.6	123.1	935	46	W	10
10	T	10/20	6	18.2	116.2	960	38	W	10
11	T	10/20	18	17.7	114.0	970	36	W	10
12	STS	10/21	6	17.6	111.0	980	28	W	10
13	STS	10/22	0	18.5	107.0	996	26	W	12
14	TD	10/22	6	18.5	106.0	1004	15	W	10

55. TC = NWP8928 Name = FORREST All Points = 15

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/22	0	9.0	150.0	1000	13	WNW	1
2	TS	10/22	6	9.8	150.4	998	18	W	7
3	STS	10/23	0	12.0	147.6	985	26	WNW	9
4	STS	10/23	12	13.6	147.2	985	26	NW	10
5	STS	10/24	0	14.7	146.1	985	31	NW	10
6	STS	10/24	6	15.2	145.2	980	28	NW	12
7	T	10/24	18	15.8	143.7	980	36	NW	12
8	STS	10/25	0	15.6	142.5	980	28	NW	12
9	T	10/25	6	17.3	141.7	965	36	NW	10
10	T	10/25	12	17.8	141.0	960	38	NW	10
11	T	10/26	12	21.0	138.6	950	44	NNW	9
12	T	10/27	12	24.5	137.0	940	44	N	11
13	T	10/28	6	28.2	138.0	950	41	NNE	18
14	L	10/29	0	33.5	148.3	970	33	NE	40
15	L	10/29	6	37.0	154.0	970	33	NE	40

56. TC = NWP8929 Name = GAY All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/01	3	8.5	103.5	1000	15	W	1
2	TD	11/02	3	8.1	102.5	997	15	W	5
3	TS	11/02	6	8.2	101.9	994	21	WNW	1
4	STS	11/03	6	9.9	101.1	980	28	NNW	8
5	STS	11/03	12	10.2	100.8	975	31	NNW	6
6	T	11/04	0	10.6	99.8	960	38	WNW	1
7	T	11/05	0	10.5	97.1	960	50	NW	5
8	T	11/05	12	11.1	96.5	970	44	W	10
9	T	11/06	6	13.0	91.0	970	41	W	10
10	T	11/07	0	14.0	88.0	970	44	WNW	11
11	T	11/07	20	15.0	84.0	970	44	WNW	11
12	T	11/08	12	14.7	80.4	980	44	NW	20
13	TD	11/09	0	14.8	79.5	990	15	NW	10

57. TC = NWP8930 Name = HUNT All Points = 23

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/14	6	13.0	142.0	1006	15	NW	10
2	TD	11/14	12	13.0	141.0	1006	15	NW	10
3	TD	11/15	0	13.0	140.0	1006	15	W	1
4	TD	11/15	6	13.0	138.0	1006	15	W	10
5	TS	11/16	0	12.0	135.0	1005	18	W	10
6	TS	11/16	12	12.3	133.0	1000	21	W	10
7	TS	11/17	6	12.0	130.4	992	23	W	10
8	STS	11/18	0	12.8	128.2	980	28	NW	10
9	STS	11/18	6	12.9	128.0	975	31	W	9
10	STS	11/18	12	13.3	127.5	970	31	W	9
11	T	11/19	0	14.0	127.2	965	36	WNW	7
12	T	11/19	18	15.2	126.9	960	38	NW	1
13	T	11/20	0	15.5	126.5	960	38	NW	1
14	T	11/20	12	15.7	125.8	960	38	NW	12
15	T	11/21	0	15.1	124.1	960	38	W	10
16	T	11/21	6	15.1	123.3	960	38	W	10
17	T	11/21	12	15.1	122.6	960	41	W	8
18	STS	11/22	0	15.7	121.3	975	31	WNW	6
19	TS	11/22	6	16.2	120.5	990	23	WNW	7
20	TS	11/22	12	16.4	119.0	990	23	WNW	7
21	TS	11/23	0	17.0	117.0	1000	18	WNW	8
22	TD	11/23	12	18.0	117.0	1004	15	W	10
23	TD	11/24	0	15.5	116.0	1006	15	W	10

58. TC = NWP8931 Name = IRMA All Points = 27

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/26	6	11.0	146.5	1002	15	W	7
2	TD	11/26	12	11.0	145.8	1002	15	W	8
3	TS	11/27	0	10.2	144.2	992	21	WSW	8
4	TS	11/27	6	10.0	143.9	990	23	W	8
5	STS	11/27	12	9.9	143.2	985	31	W	8
6	STS	11/28	0	10.0	141.9	975	31	W	10
7	T	11/28	6	10.4	141.5	970	33	WNW	8
8	T	11/28	12	10.7	140.1	965	36	WNW	8
9	T	11/29	0	12.0	137.7	945	44	WNW	10
10	T	11/29	6	12.5	136.5	935	46	WNW	12
11	T	11/29	12	13.6	135.7	935	49	W	10
12	T	11/30	0	13.7	134.4	925	49	WNW	8
13	T	11/30	6	13.6	133.4	925	49	WNW	8
14	T	11/30	12	13.9	132.7	925	49	WNW	7
15	T	12/01	0	14.8	131.8	940	44	WNW	7
16	T	12/01	6	14.6	131.9	950	41	NW	1

17	T	12/01	12	14.9	131.0	950	41	NW	1
18	T	12/02	6	15.7	130.5	940	44	NW	6
19	T	12/02	12	16.2	130.7	945	44	N	6
20	T	12/02	18	16.7	131.1	950	41	NNE	6
21	T	12/03	0	17.2	131.7	955	38	NE	8
22	T	12/03	6	17.7	132.3	965	36	NE	8
23	T	12/03	12	18.5	133.0	970	33	NE	8
24	T	12/03	18	19.5	134.0	970	33	NE	12
25	T	12/04	0	20.8	135.6	980	33	NE	15
26	TS	12/04	6	21.3	137.0	990	23	ENE	18
27	TD	12/04	12	20.0	138.5	1000	15	ESE	18

59. TC = NWP8932 Name = JACK All Points = 20

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	12/22	0	7.5	155.0	1007	15	W	5
2	TS	12/23	0	10.3	152.7	996	18	WNW	10
3	TS	12/23	6	10.9	152.1	992	23	NW	8
4	TS	12/23	12	11.2	151.6	990	23	NNW	6
5	STS	12/24	0	12.2	150.5	990	28	WNW	7
6	STS	12/24	6	12.7	150.2	975	31	NW	1
7	STS	12/24	12	12.4	149.6	975	31	NW	1
8	T	12/24	18	12.9	149.4	970	33	W	1
9	T	12/25	0	12.9	149.0	975	38	W	1
10	T	12/25	6	13.3	148.6	950	41	WNW	1
11	T	12/25	12	13.7	148.4	950	46	WNW	5
12	T	12/26	0	13.9	148.0	930	49	NW	1
13	T	12/26	6	13.9	148.1	925	49	0	0
14	T	12/26	12	13.9	148.3	925	49	0	0
15	T	12/26	18	13.9	148.3	930	46	0	0
16	T	12/27	0	13.8	148.0	960	38	0	0
17	STS	12/27	6	13.4	147.4	975	31	SW	7
18	STS	12/27	12	12.7	148.1	986	31	SE	8
19	TS	12/27	18	12.0	148.0	990	23	S	8
20	TD	12/28	0	10.5	146.0	1000	15	SW	10

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1. TC = NEP8901 Name = ADOLPH All Points = 17

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	05/31	18	10.5	-113.5	1009	15	W	1
2	TD	05/31	21	10.6	-114.0	1009	15	W	12
3	TS	06/01	9	10.5	-117.3	1000	23	W	13
4	TS	06/01	12	11.0	-117.7	1000	23	W	12
5	STS	06/01	21	11.0	-119.4	994	28	W	13
6	STS	06/02	3	11.4	-119.7	994	28	W	10
7	STS	06/02	9	11.7	-124.3	994	28	W	12
8	STS	06/02	15	12.2	-122.6	994	28	W	12
9	TS	06/02	21	13.8	-123.9	1000	23	NW	13
10	TS	06/03	3	14.3	-125.7	1000	23	WNW	15
11	TS	06/03	9	14.6	-127.0	1000	23	WNW	14
12	TS	06/03	12	15.0	-127.0	1000	23	WNW	13
13	TS	06/03	15	15.2	-127.5	1000	23	WNW	13
14	STS	06/03	21	16.2	-128.4	997	26	WNW	13
15	STS	06/04	3	16.2	-129.0	997	26	WNW	10
16	STS	06/04	9	17.0	-130.0	997	26	WNW	10
17	TD	06/05	21	17.5	-130.5	1009	15	WNW	1

2. TC = NEP8902 Name = BARBARA All Points = 22

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/15	21	13.5	-107.5	1012	13	N	5
2	TD	06/16	3	14.0	-107.0	1012	13	NNE	5
3	TD	06/16	9	13.6	-106.0	1012	13	NE	6
4	TD	06/16	15	13.8	-106.5	1009	15	N	3
5	TS	06/16	21	14.0	-107.0	1000	23	NW	3
6	STS	06/17	3	14.5	-107.7	997	26	NW	4
7	STS	06/17	9	14.8	-107.7	994	28	NW	4
8	T	06/17	15	15.0	-108.0	987	33	NW	4
9	T	06/17	21	16.0	-108.5	987	33	NW	7
10	T	06/18	0	16.0	-109.5	987	33	WNW	10
11	T	06/18	3	16.3	-110.1	987	33	WNW	10
12	T	06/18	9	16.2	-110.9	987	33	WNW	10
13	T	06/18	15	16.5	-111.6	983	36	WNW	9
14	STS	06/18	21	16.5	-112.5	991	31	W	9
15	STS	06/19	3	17.5	-113.5	994	28	WNW	9
16	STS	06/19	9	17.8	-114.6	994	28	WNW	12
17	TS	06/19	15	17.4	-113.6	1000	23	WNW	5
18	TD	06/20	3	17.6	-115.2	1009	15	SW	7
19	TD	06/20	9	17.9	-115.8	1010	13	WNW	7
20	TD	06/20	15	18.0	-116.8	1012	13	WNW	7
21	TD	06/20	21	17.9	-117.3	1012	13	WNW	7
22	L	06/21	3	17.8	-117.5	1014	10	W	7

3. TC = NEP8903 Name = COSME All Points = 12

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/20	9	13.3	-100.8	1009	15	WNW	12
2	TS	06/20	15	13.3	-101.0	1005	18	W	7
3	STS	06/21	0	13.0	-100.0	991	31	0	0
4	T	06/21	3	13.1	-100.1	983	36	0	0
5	T	06/21	9	13.0	-100.0	980	38	0	0
6	T	06/21	15	13.5	-99.6	980	38	N	1
7	T	06/21	21	14.8	-99.5	980	38	N	20
8	T	06/22	3	16.0	-98.5	980	38	NE	15
9	T	06/22	6	16.7	-99.2	980	38	NW	15
10	STS	06/22	9	17.0	-99.0	991	31	N	15
11	STS	06/22	12	17.3	-99.0	997	26	N	15
12	TD	06/23	0	17.5	-99.0	1009	15	N	5

4. TC = NEP8904 Name = DALILIA All Points = 39

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/12	9	10.0	-112.0	1010	13	W	10
2	TD	07/12	15	10.0	-113.9	1009	15	W	12
3	TS	07/12	21	10.3	-115.0	1005	18	W	7
4	STS	07/13	0	10.6	-115.7	994	28	W	12
5	STS	07/13	3	11.0	-116.0	991	31	WNW	12
6	T	07/13	9	11.0	-117.3	987	33	WNW	12
7	T	07/13	15	10.8	-118.8	987	33	W	13
8	T	07/13	21	12.3	-120.2	987	33	WNW	15
9	T	07/14	3	12.7	-121.1	987	33	WNW	12
10	T	07/14	9	12.7	-122.5	987	33	WNW	12
11	T	07/14	15	12.7	-124.1	987	33	W	13
12	T	07/14	21	13.0	-125.5	987	33	WNW	13
13	T	07/15	3	13.7	-127.0	987	33	WNW	14
14	T	07/15	9	14.0	-128.0	987	33	WNW	13
15	T	07/15	15	14.3	-130.5	987	33	W	15
16	T	07/16	3	13.7	-133.1	987	33	W	15
17	T	07/16	9	13.7	-135.0	987	33	W	15

18	T	07/16	15	13.8	-137.5	987	33	W	18
19	T	07/16	21	13.8	-138.5	987	33	W	18
20	T	07/17	3	14.2	-140.8	987	33	W	18
21	T	07/17	6	14.4	-141.8	987	33	W	20
22	T	07/17	12	14.5	-143.5	987	33	W	17
23	T	07/17	18	14.8	-145.2	987	33	W	15
24	T	07/18	0	14.8	-146.8	987	33	W	17
25	T	07/18	6	14.8	-148.2	987	33	W	16
26	T	07/18	12	14.8	-149.4	987	33	W	12
27	T	07/18	18	14.4	-149.7	987	33	W	12
28	T	07/19	0	14.6	-150.8	987	33	W	11
29	T	07/19	6	15.2	-151.6	987	33	WNW	8
30	T	07/19	12	15.8	-152.5	987	33	WNW	11
31	STS	07/19	18	16.6	-153.6	991	31	WNW	12
32	STS	07/20	0	17.3	-155.2	994	28	WNW	15
33	STS	07/20	6	18.5	-156.5	994	28	NW	15
34	T	07/20	12	18.5	-157.5	987	33	WNW	13
35	STS	07/20	18	19.5	-158.0	994	28	NW	17
36	TS	07/21	0	19.8	-158.9	1000	23	NW	9
37	TS	07/21	6	20.4	-160.2	1000	23	NW	13
38	TS	07/21	12	20.5	-162.0	1005	18	WNW	12
39	TD	07/21	18	20.8	-163.5	1010	13	WNW	15

5. TC = NEP8905 Name = ERICK All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/19	15	15.0	-133.0	1009	15	W	10
2	TS	07/20	6	15.8	-133.5	1005	18	WNW	5
3	TS	07/20	12	16.5	-134.7	1005	18	NW	10
4	TD	07/21	0	17.2	-139.4	1009	15	WNW	17

6. TC = NEP8906 Name = FLOSSIE All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/23	21	13.5	-101.0	1009	15	W	13
2	TS	07/24	3	13.8	-102.0	1005	18	WNW	11
3	TS	07/24	9	13.8	-102.8	1005	18	WNW	11
4	TS	07/24	21	15.7	-105.5	1005	18	WNW	12
5	TS	07/25	3	15.7	-106.5	1005	18	WNW	10
6	TS	07/25	9	15.7	-107.9	1005	18	WNW	12
7	TS	07/25	15	16.0	-108.0	1005	18	WNW	10
8	TS	07/25	21	17.7	-106.8	1005	18	WNW	5
9	TD	07/26	0	18.8	-107.1	1009	15	WNW	8
10	TD	07/26	3	19.0	-107.5	1009	15	WNW	8
11	TD	07/26	9	19.2	-108.2	1009	15	WNW	8
12	TD	07/26	15	19.6	-108.9	1009	15	WNW	8
13	TD	07/27	3	19.7	-109.6	1009	15	WNW	5

7. TC = NEP8907 Name = GIL All Points = 23

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/30	21	16.0	-105.0	1009	15	WNW	13
2	TS	07/30	23	16.5	-105.2	1002	21	WNW	13
3	TS	07/31	3	17.0	-106.5	1002	21	WNW	15
4	TS	07/31	9	17.3	-107.1	1002	21	WNW	13
5	TS	07/31	15	17.7	-107.1	1002	21	NW	10
6	T	07/31	16	18.0	-107.4	987	33	NW	10
7	T	07/31	21	18.7	-107.9	983	36	NW	10
8	T	08/01	3	19.0	-109.1	983	36	WNW	10
9	T	08/01	9	19.2	-109.3	983	36	WNW	8
10	T	08/01	15	19.2	-110.1	983	36	WNW	8
11	T	08/01	21	19.6	-110.4	987	33	WNW	7
12	T	08/02	3	20.0	-110.7	987	33	WNW	5

13	T	08/02	9	20.4	-111.0	987	33	NW	5
14	STS	08/02	15	20.1	-111.2	994	28	NW	5
15	STS	08/02	21	21.8	-112.1	997	26	NW	7
16	STS	08/03	3	22.4	-113.2	997	26	WNW	8
17	TS	08/03	9	22.2	-115.0	1000	23	W	13
18	TS	08/03	15	22.9	-114.6	1000	23	WNW	12
19	TS	08/03	21	23.4	-115.3	1002	21	WNW	8
20	TD	08/04	9	24.7	-117.5	1009	15	WNW	8
21	TD	08/04	15	24.9	-117.5	1009	15	NW	8
22	TD	08/05	3	25.8	-118.8	1012	13	NW	9
23	TD	08/05	9	26.3	-119.7	1012	13	NW	9

8. TC = NEP8908 Name = ISMAEL All Points = 45

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/14	21	12.8	-99.2	1012	13	W	8
2	TD	08/15	3	12.8	-100.2	1012	13	W	8
3	TD	08/15	9	13.3	-100.6	1012	13	W	7
4	TD	08/15	15	14.3	-100.3	1009	15	W	7
5	TS	08/15	21	15.1	-100.5	1005	18	NW	5
6	TS	08/16	3	15.8	-101.1	1005	18	NW	7
7	TS	08/16	9	15.8	-102.1	1005	18	NW	7
8	STS	08/16	15	16.1	-102.8	994	28	WNW	7
9	T	08/16	21	16.2	-103.0	983	36	WNW	6
10	T	08/17	3	16.3	-104.0	980	38	W	6
11	T	08/17	9	16.5	-104.7	974	44	WNW	6
12	T	08/17	15	16.7	-105.8	970	46	WNW	6
13	T	08/17	21	16.5	-107.3	974	44	W	10
14	T	08/18	3	17.0	-108.4	974	44	W	10
15	T	08/18	9	17.1	-109.1	977	41	W	9
16	T	08/18	15	17.3	-110.0	977	41	W	9
17	T	08/18	21	17.7	-112.3	977	41	W	13
18	T	08/19	3	18.2	-113.7	974	44	W	15
19	T	08/19	9	18.4	-115.0	970	46	W	14
20	T	08/19	15	18.7	-116.5	970	46	W	14
21	T	08/19	21	18.7	-117.5	970	46	W	14
22	T	08/20	3	19.2	-118.6	970	46	W	13
23	T	08/20	9	19.3	-120.1	970	46	W	13
24	T	08/20	15	19.0	-121.0	980	38	W	12
25	T	08/20	21	18.8	-121.6	987	33	W	10
26	T	08/21	3	18.6	-123.1	987	33	W	11
27	T	08/21	9	18.8	-123.7	980	38	W	10
28	T	08/21	15	18.7	-124.7	980	38	W	10
29	T	08/21	21	18.4	-125.7	980	38	W	10
30	T	08/22	3	18.3	-126.6	974	44	W	9
31	T	08/22	9	18.2	-127.5	974	44	W	9
32	T	08/22	15	18.3	-128.4	974	44	W	10
33	T	08/22	21	18.3	-129.4	974	44	W	10
34	T	08/23	3	18.6	-130.5	977	41	W	10
35	T	08/23	9	18.7	-131.3	977	41	W	10
36	T	08/23	15	18.9	-132.5	983	36	W	10
37	T	08/23	21	18.6	-133.5	987	33	W	10
38	TS	08/24	3	18.8	-135.0	1000	23	W	12
39	TS	08/24	9	18.6	-136.0	1005	18	W	11
40	TS	08/24	15	18.7	-137.6	1005	18	W	11
41	TS	08/24	21	18.8	-140.6	1005	18	WNW	12
42	TS	08/25	3	19.5	-138.2	1005	18	W	11
43	TD	08/25	9	19.3	-140.3	1009	15	WNW	10
44	TD	08/25	15	19.5	-141.3	1009	15	W	10
45	TD	08/25	21	19.6	-142.0	1009	15	W	10

9. TC = NEP8909 Name = HENRIETTE All Points = 14

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/15	3	13.0	-125.5	1012	13	W	10
2	TD	08/15	9	13.1	-127.1	1012	13	W	10
3	TS	08/15	15	14.8	-128.0	1005	18	WNW	12
4	TS	08/15	21	15.4	-129.4	1002	21	WNW	13
5	TS	08/16	3	16.4	-130.5	1002	21	NW	13
6	TS	08/16	9	16.6	-131.5	1002	21	WNW	13
7	TS	08/16	15	17.4	-133.0	1000	23	WNW	13
8	TS	08/16	21	17.7	-134.0	1000	23	WNW	13
9	TS	08/17	3	18.8	-134.8	1000	23	WNW	12
10	TS	08/17	9	18.9	-136.1	1000	23	WNW	12
11	TS	08/17	15	19.3	-137.5	1005	18	WNW	12
12	TS	08/17	21	19.4	-137.6	1005	18	WNW	10
13	TD	08/18	3	19.5	-138.6	1009	15	W	9
14	TD	08/18	9	19.5	-139.3	1012	13	W	8

10. TC = NEP8910 Name = JULIETTE All Points = 17

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/21	18	16.0	-116.0	1009	15	W	10
2	TD	08/21	21	16.0	-116.5	1009	15	W	10
3	TS	08/22	3	17.1	-117.0	1005	18	W	10
4	TS	08/22	6	17.5	-118.2	1005	18	W	10
5	STS	08/22	18	18.7	-118.9	994	28	NW	9
6	STS	08/22	22	18.9	-119.5	997	26	WNW	10
7	STS	08/23	4	19.0	-120.3	997	26	WNW	10
8	STS	08/23	6	19.5	-120.1	997	26	WNW	10
9	STS	08/23	12	19.6	-120.6	994	28	NW	5
10	STS	08/23	15	20.0	-121.0	994	28	NNW	7
11	STS	08/23	18	20.6	-121.0	997	26	NNW	7
12	TS	08/24	0	20.5	-121.5	1005	18	NW	6
13	TS	08/24	6	20.7	-121.7	1005	18	NW	5
14	TD	08/24	12	20.6	-122.1	1009	15	W	11
15	TD	08/24	15	20.6	-122.0	1009	15	W	7
16	TD	08/24	18	20.6	-122.2	1009	15	W	5
17	TD	08/25	3	20.5	-123.0	1009	15	W	1

11. TC = NEP8911 Name = KIKO All Points = 19

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/24	15	21.0	-106.5	1009	15	0	0
2	TS	08/25	15	21.7	-107.2	1005	18	NW	5
3	STS	08/25	21	22.0	-107.2	997	26	N	5
4	STS	08/26	3	22.6	-107.6	994	28	NNW	3
5	T	08/26	6	22.8	-108.1	987	33	NNW	5
6	T	08/26	9	23.0	-108.3	987	33	NW	5
7	T	08/26	12	23.1	-108.5	974	44	NW	6
8	T	08/26	21	23.4	-109.0	965	49	WNW	3
9	T	08/27	3	23.8	-109.5	961	51	NW	4
10	T	08/27	9	23.9	-110.1	977	41	W	5
11	T	08/27	15	23.9	-110.5	987	33	WNW	5
12	TS	08/27	21	24.0	-110.5	1000	23	0	0
13	TD	08/28	3	24.3	-111.0	1009	15	NW	3
14	TD	08/28	9	24.3	-111.2	1009	15	NW	3
15	TD	08/28	15	23.1	-111.8	1010	13	SW	5
16	TD	08/28	21	22.9	-111.7	1012	13	SW	4
17	TD	08/29	3	22.9	-112.5	1009	15	WSW	5
18	TD	08/29	9	22.5	-113.0	1010	13	W	5
19	L	08/29	21	20.8	-113.0	1014	10	S	8

12. TC = NEP8912 Name = LORENA All Points = 35

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/28	3	13.9	-104.9	1009	15	W	10
2	TD	08/28	9	15.1	-105.1	1009	15	W	10
3	TD	08/28	15	15.3	-105.0	1009	15	W	10
4	TS	08/28	21	16.2	-105.3	1005	18	NW	6
5	TS	08/29	3	16.6	-106.0	1002	21	NW	7
6	STS	08/29	9	16.6	-106.5	997	26	NW	8
7	STS	08/29	15	17.5	-106.8	997	26	NW	5
8	STS	08/29	21	17.5	-108.0	991	31	NW	8
9	STS	08/30	3	17.6	-108.8	994	28	NW	8
10	STS	08/30	9	17.6	-108.9	994	28	W	7
11	STS	08/30	12	17.7	-109.5	994	28	WNW	7
12	STS	08/30	18	17.9	-109.7	994	28	WNW	7
13	STS	08/31	3	18.6	-111.3	994	28	WNW	7
14	STS	08/31	9	18.8	-111.4	994	28	WNW	7
15	STS	08/31	12	20.0	-113.4	991	31	WNW	10
16	STS	08/31	21	20.2	-113.9	991	31	WNW	10
17	STS	09/01	3	20.8	-115.3	991	31	WNW	11
18	T	09/01	9	20.9	-116.6	987	33	WNW	12
19	STS	09/01	15	21.0	-117.5	991	31	WNW	11
20	STS	09/01	21	21.3	-118.5	994	28	WNW	10
21	STS	09/02	3	21.5	-119.6	991	31	W	10
22	STS	09/02	9	21.6	-121.1	994	28	W	11
23	STS	09/02	15	21.5	-122.6	997	26	W	13
24	TS	09/02	21	20.9	-122.5	1000	23	W	10
25	TS	09/03	3	20.5	-123.0	1002	21	SW	7
26	TD	09/03	9	20.3	-123.7	1009	15	WSW	7
27	TD	09/03	15	20.3	-123.8	1009	15	W	5
28	TD	09/03	21	20.1	-123.4	1009	15	WSW	3
29	TD	09/04	3	20.3	-123.3	1009	15	-	0
30	TD	09/04	15	20.5	-124.0	1009	15	W	2
31	TD	09/04	21	20.5	-125.0	1009	15	W	3
32	TD	09/05	3	20.5	-125.0	1009	15	W	4
33	TD	09/05	9	21.1	-126.4	1009	15	WNW	8
34	TD	09/05	15	21.1	-127.4	1012	13	WNW	10
35	TD	09/05	21	21.0	-127.5	1012	13	W	6

13. TC = NEP8913 Name = MANUEL All Points = 14

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/28	21	12.9	-95.7	1009	15	W	8
2	TS	08/29	3	13.0	-96.8	1005	18	W	8
3	TS	08/29	9	13.2	-97.9	1005	18	W	10
4	TS	08/29	15	13.5	-97.7	1005	18	W	5
5	TS	08/29	21	13.6	-98.3	1002	21	W	6
6	TS	08/30	3	14.1	-99.7	1002	21	WNW	8
7	TS	08/30	9	14.7	-101.0	1002	21	WNW	10
8	TS	08/30	12	14.8	-101.1	1000	23	WNW	10
9	TS	08/30	18	15.7	-102.6	1000	23	WNW	12
10	TS	08/30	21	15.7	-103.3	1000	23	WNW	12
11	TS	08/31	3	16.2	-104.0	1000	23	WNW	11
12	TS	08/31	9	16.2	-104.6	1002	21	WNW	10
13	TS	08/31	12	17.8	-106.3	1002	21	WNW	11
14	TD	08/31	21	17.5	-106.6	1009	15	WNW	5

14. TC = NEP8914 Name = NARDA All Points = 20

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/03	15	14.5	-101.5	1009	15	W	10
2	TD	09/03	21	14.6	-103.3	1009	15	W	15
3	TS	09/04	3	14.5	-103.5	1005	18	W	10

4	TS	09/04	9	14.8	-104.7	1005	18	W	10
5	TS	09/04	15	15.4	-106.3	1005	18	WNW	13
6	TS	09/04	21	16.0	-108.0	1005	18	WNW	14
7	TS	09/05	3	15.9	-108.1	1000	23	WNW	10
8	TS	09/05	9	16.4	-109.7	1000	23	WNW	12
9	TS	09/05	15	16.8	-110.8	1000	23	WNW	12
10	TS	09/05	21	17.3	-111.9	1000	23	WNW	11
11	TS	09/06	3	17.9	-112.9	1000	23	WNW	12
12	TS	09/06	9	17.9	-113.8	1002	21	WNW	11
13	TS	09/06	15	18.3	-114.9	1005	18	WNW	11
14	TS	09/06	21	18.8	-116.4	1005	18	WNW	11
15	TS	09/07	3	19.3	-117.1	1005	18	WNW	11
16	TD	09/07	9	19.8	-118.3	1009	15	WNW	11
17	TD	09/07	15	20.0	-119.2	1009	15	WNW	11
18	TD	09/07	21	20.4	-120.0	1009	15	WNW	10
19	TD	09/08	3	20.2	-121.1	1012	13	W	9
20	TD	09/08	9	20.2	-121.4	1012	13	W	9

15. TC = NEP8915 Name = OKTAVE All Points = 25

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/09	15	15.0	-106.0	1009	15	W	5
2	TS	09/10	14	15.1	-106.9	1005	18	NW	5
3	TS	09/10	18	16.0	-108.8	1005	18	WNW	11
4	TS	09/11	3	16.2	-109.0	1000	23	W	11
5	STS	09/11	12	16.7	-110.7	997	26	WNW	10
6	T	09/11	18	16.9	-111.3	987	33	W	8
7	T	09/12	0	17.3	-112.2	980	38	WNW	9
8	T	09/12	3	17.4	-112.5	970	46	WNW	9
9	T	09/12	9	18.2	-112.8	965	49	WNW	9
10	T	09/12	15	19.4	-112.9	956	54	WNW	9
11	T	09/12	19	20.0	-113.2	948	60	NNW	12
12	T	09/13	1	21.1	-113.7	948	60	NNW	12
13	T	09/13	9	22.3	-114.9	948	60	NNW	12
14	T	09/13	15	22.9	-116.0	948	60	NNW	12
15	T	09/14	3	23.7	-117.3	980	38	NW	8
16	T	09/14	9	24.3	-118.3	987	33	NW	1
17	T	09/14	15	24.5	-119.5	980	38	NW	1
18	T	09/14	19	25.2	-119.2	983	36	NW	8
19	STS	09/15	0	25.9	-119.3	994	28	NW	8
20	STS	09/15	9	27.0	-120.0	994	28	NNW	8
21	TS	09/15	12	28.8	-121.8	1000	23	NW	8
22	TS	09/15	15	27.5	-120.1	1002	21	NNW	8
23	TS	09/15	21	27.5	-119.5	1005	18	N	6
24	TD	09/16	3	28.0	-119.3	1010	13	N	6
25	TD	09/16	9	28.8	-119.2	1009	15	N	7

16. TC = NEP8916 Name = PRISCILLA All Points = 12

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/21	15	18.5	-106.0	1009	15	WNW	12
2	TS	09/21	21	19.5	-106.5	1005	18	WNW	10
3	TS	09/22	3	20.9	-107.5	1000	23	NW	10
4	TS	09/22	9	21.2	-108.2	1000	23	NW	9
5	TS	09/22	15	21.0	-109.9	1000	23	WNW	10
6	STS	09/22	21	20.6	-110.2	994	28	WNW	8
7	STS	09/23	3	20.8	-111.0	994	28	WNW	8
8	STS	09/23	9	21.0	-112.3	994	28	WNW	9
9	TS	09/23	15	20.3	-112.3	1000	23	W	6
10	TS	09/23	21	20.3	-112.8	1005	18	W	6
11	TS	09/24	3	20.6	-113.9	1005	18	W	7
12	TD	09/24	9	20.8	-114.3	1009	15	W	6

17. TC = NEP8917 Name = RAYMOND All Points = 36

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/26	15	14.5	-101.5	1009	15	0	0
2	TS	09/26	21	15.4	-102.5	1002	21	WNW	5
3	STS	09/27	3	15.7	-103.1	991	31	WNW	7
4	T	09/27	9	17.0	-102.8	987	33	NNW	7
5	STS	09/27	15	16.8	-103.5	997	26	NW	7
6	STS	09/27	21	16.0	-104.0	997	26	NW	4
7	TS	09/28	3	15.7	-104.4	1000	23	WNW	4
8	STS	09/28	9	15.5	-105.0	997	26	W	5
9	STS	09/28	15	16.0	-105.5	994	28	WNW	7
10	T	09/28	21	16.2	-106.5	983	36	WNW	7
11	T	09/29	3	16.3	-107.4	980	38	WNW	9
12	T	09/29	9	15.6	-108.1	965	49	W	9
13	T	09/29	15	15.6	-108.7	960	51	W	8
14	T	09/29	21	15.8	-109.3	965	49	W	7
15	T	09/30	3	16.1	-109.9	965	49	W	7
16	T	09/30	9	16.3	-110.9	970	46	W	7
17	T	09/30	15	16.6	-112.0	960	51	W	7
18	T	09/30	21	16.8	-113.0	948	60	W	9
19	T	10/01	3	17.3	-113.9	948	60	W	10
20	T	10/01	9	17.5	-114.8	948	60	W	10
21	T	10/01	15	17.9	-115.9	948	60	WNW	10
22	T	10/01	21	18.3	-116.4	948	60	WNW	10
23	T	10/02	9	18.8	-117.6	956	54	WNW	6
24	T	10/02	15	19.0	-118.0	960	51	WNW	6
25	T	10/02	21	19.3	-118.1	965	49	NNW	3
26	T	10/03	3	19.7	-118.1	970	46	N	3
27	T	10/03	9	19.8	-118.1	977	41	N	2
28	T	10/03	15	20.3	-117.5	977	41	NNE	5
29	T	10/03	21	21.0	-117.3	980	38	NE	8
30	T	10/04	3	22.3	-116.1	980	38	NE	12
31	T	10/04	9	23.0	-116.0	987	33	NNE	12
32	T	10/04	15	24.5	-115.5	987	33	NNW	12
33	STS	10/04	21	26.2	-113.8	997	26	NW	18
34	TS	10/05	3	27.4	-113.0	1002	21	NNE	16
35	TS	10/05	9	29.5	-112.0	1002	21	NNE	21
36	TD	10/05	21	29.7	-111.0	1009	15	NNE	20

18. TC = NEP8918 Name = NO NAME All Points = 8

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/03	21	13.7	-105.4	1009	15	WNW	12
2	TD	10/04	3	14.0	-106.5	1009	15	WNW	15
3	TD	10/04	9	14.3	-107.3	1009	15	WNW	13
4	TS	10/07	0	14.2	-111.8	1005	18	WNW	8
5	TD	10/07	9	14.0	-112.0	1009	15	W	8
6	TD	10/07	21	15.2	-114.3	1009	15	WNW	10
7	TD	10/08	3	14.5	-114.9	1012	13	W	8
8	TD	10/08	9	14.5	-115.9	1012	13	W	10

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1. TC = ATL89-1 Name = NO NAME All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/15	22	20.5	-94.0	1009	15	NE	4
2	TD	06/16	4	20.5	-94.0	1009	15	0	0

3	TD	06/16	10	21.6	-93.3	1009	15	NE	4
4	TD	06/16	16	20.5	-93.5	1009	15	0	0
5	TD	06/16	22	20.5	-93.5	1012	13	0	0
6	TD	06/17	4	20.0	-94.0	1012	13	S	2
7	TD	06/17	10	19.3	-93.5	1012	13	S	2

2. TC = ATL8901 Name = ALLISON All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/24	18	27.0	-96.0	1009	15	N	2
2	TS	06/24	22	27.2	-96.0	1005	18	N	2
3	TS	06/25	16	27.7	-96.0	1005	18	N	2
4	TS	06/26	10	28.0	-96.0	1005	18	N	2
5	TS	06/26	16	28.8	-95.5	1002	21	NW	3
6	TS	06/27	0	29.8	-95.9	999	23	WNW	1
7	TS	06/27	10	30.5	-95.5	1005	18	N	6
8	TS	06/27	16	30.8	-94.7	1005	18	NE	6
9	TD	06/27	22	31.1	-94.5	1009	15	NE	5

3. TC = ATL8902 Name = BARRY All Points = 20

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/11	4	18.2	-48.5	1009	15	WNW	17
2	TD	07/11	10	18.8	-50.0	1009	15	WNW	15
3	TD	07/11	16	21.0	-52.0	1009	15	WNW	18
4	TD	07/11	22	21.2	-53.5	1009	15	WNW	17
5	TD	07/12	10	22.5	-55.0	1009	15	NW	11
6	TD	07/12	16	23.1	-55.0	1009	15	NW	8
7	TS	07/12	22	24.1	-55.3	-	18	NW	10
8	TS	07/13	4	24.4	-55.2	-	18	N	5
9	TS	07/13	10	24.5	-55.5	1005	23	0	0
10	TS	07/13	16	24.5	-55.5	-	18	0	0
11	TD	07/13	22	24.0	-57.5	1009	15	W	9
12	TD	07/14	4	22.9	-58.1	1009	15	SSW	5
13	TD	07/14	10	23.0	-58.5	1009	15	W	5
14	TD	07/14	16	25.5	-59.5	1009	15	W	7
15	TD	07/14	22	26.0	-60.5	1009	15	WNW	7
16	TD	07/15	4	26.7	-61.0	1009	15	WNW	7
17	TD	07/15	10	28.0	-61.0	1012	13	NNW	9
18	TD	07/15	16	29.0	-62.0	1012	13	NNW	9
19	TD	07/15	22	29.8	-62.5	1012	13	NNW	9
20	TD	07/16	4	30.5	-62.5	1012	13	N	10

4. TC = ATL8903 Name = CHANTAL All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/30	19	23.5	-90.5	1012	13	NW	8
2	TD	07/30	22	24.0	-90.8	1012	13	NW	8
3	TD	07/31	4	25.4	-91.2	1009	15	NNW	10
4	TD	07/31	10	26.3	-91.7	1009	15	NNW	10
5	TS	07/31	13	26.4	-92.0	1000	23	NW	8
6	STS	07/31	16	26.7	-92.0	997	26	NW	8
7	T	07/31	22	27.4	-92.5	987	33	NNW	8
8	T	08/01	4	28.1	-93.1	987	33	NW	9
9	T	08/01	10	29.2	-94.1	984	36	NW	11
10	TS	08/01	22	30.4	-95.1	1005	18	NW	10
11	TD	08/02	4	30.5	-95.2	1009	15	NW	5

5. TC = ATL8904 Name = DEAN All Points = 36

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/31	12	15.0	-43.0	1009	15	W	15
2	TD	07/31	16	15.0	-46.0	1009	15	W	18
3	TD	07/31	22	14.9	-47.0	1009	15	W	15

4	TS	08/01	4	15.5	-47.8	1005	18	W	13
5	TS	08/01	10	16.3	-50.3	1000	23	WNW	15
6	TS	08/01	22	16.4	-53.4	1000	23	WNW	15
7	TS	08/02	4	17.0	-55.3	1000	23	WNW	16
8	T	08/02	10	17.4	-58.5	987	33	W	17
9	T	08/02	16	17.5	-59.5	987	33	W	17
10	T	08/02	22	18.5	-60.7	987	33	WNW	17
11	T	08/03	4	18.5	-61.3	980	38	W	13
12	T	08/03	10	19.3	-62.5	980	38	WNW	10
13	T	08/03	16	19.5	-63.3	980	38	WNW	10
14	T	08/03	22	20.0	-64.3	980	38	WNW	10
15	T	08/04	4	20.3	-64.1	980	38	NW	5
16	T	08/04	10	20.5	-64.0	974	44	0	0
17	T	08/04	16	21.2	-63.9	980	38	N	5
18	T	08/04	22	22.2	-64.1	980	38	N	6
19	T	08/05	4	23.3	-63.9	980	38	N	10
20	T	08/05	10	24.3	-63.9	980	38	N	10
21	T	08/05	16	25.3	-63.9	980	38	N	10
22	T	08/05	22	26.9	-64.0	980	38	N	12
23	T	08/06	4	29.0	-64.5	980	38	N	18
24	T	08/06	10	30.5	-64.8	968	46	N	18
25	T	08/06	16	32.0	-65.3	975	41	N	16
26	T	08/06	22	33.5	-65.3	970	44	N	15
27	T	08/07	4	35.0	-64.8	970	46	N	15
28	T	08/07	10	36.8	-64.2	974	44	N	16
29	T	08/07	16	39.0	-63.5	974	44	N	18
30	T	08/07	22	41.0	-62.5	974	44	N	20
31	T	08/08	4	43.3	-60.5	980	38	NNE	25
32	L	08/08	10	46.0	-58.5	983	36	NNE	30
33	L	08/08	16	48.5	-55.0	987	33	NE	30
34	L	08/08	22	50.5	-51.0	991	31	NE	35
35	L	08/09	4	52.0	-43.0	994	28	E	40
36	L	08/09	10	51.5	-34.0	991	31	E	50

6. TC = ATL8905 Name = ERIN All Points = 32

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/18	12	15.5	-24.3	1009	15	W	15
2	TS	08/18	22	17.0	-27.5	1005	18	WNW	15
3	TS	08/19	3	17.6	-28.5	1005	18	NW	15
4	TS	08/19	10	17.9	-29.8	1005	18	W	15
5	TS	08/19	16	18.5	-33.0	1002	21	NW	15
6	TS	08/20	2	18.7	-34.0	1005	18	NW	15
7	TS	08/20	10	19.2	-35.4	1005	18	NW	15
8	TS	08/20	16	19.8	-38.0	1005	18	WNW	15
9	TS	08/21	3	22.5	-41.2	1000	23	NW	20
10	TS	08/21	10	23.0	-41.8	1000	23	NW	20
11	TS	08/21	22	23.4	-43.0	1000	23	WNW	11
12	TS	08/22	3	25.5	-43.2	1000	23	NNW	11
13	TS	08/22	10	27.8	-43.8	1000	23	NNW	15
14	T	08/22	16	30.0	-44.8	980	38	N	17
15	T	08/22	22	30.5	-46.5	980	38	NW	17
16	T	08/23	3	30.7	-46.7	980	38	NW	12
17	T	08/23	9	31.2	-46.5	980	38	NW	10
18	T	08/23	16	31.9	-46.5	980	38	N	5
19	T	08/23	22	32.5	-46.1	980	38	N	7
20	T	08/24	3	32.8	-45.7	977	41	NNE	6
21	T	08/24	9	33.6	-45.0	977	41	NE	3
22	T	08/24	16	34.7	-44.4	970	46	NE	10
23	T	08/24	22	36.0	-43.0	970	46	NE	15
24	T	08/25	3	37.0	-41.5	968	46	NE	20

25 T	08/25	10	38.5	-39.8	968	46	NE	20
26 T	08/25	16	40.0	-38.5	968	46	NE	25
27 T	08/25	22	42.0	-36.2	968	46	NE	30
28 T	08/26	4	43.0	-35.4	974	44	NE	25
29 L	08/26	10	47.0	-35.5	980	38	NNE	35
30 L	08/26	16	48.5	-35.0	983	36	NE	30
31 L	08/26	22	52.5	-32.5	987	33	NE	35
32 L	08/27	4	53.5	-29.5	997	26	NE	30

7. TC = ATL8906 Name = FELIX All Points = 52

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/26	3	16.9	-21.5	1009	15	WNW	17
2	TS	08/26	10	18.2	-22.8	1005	18	WNW	17
3	TS	08/26	16	17.5	-23.5	1005	18	W	12
4	TS	08/27	4	17.7	-24.1	1005	18	W	8
5	TS	08/27	10	17.8	-24.4	1005	18	W	5
6	TS	08/27	16	18.7	-24.4	1002	21	NW	8
7	TS	08/27	22	18.2	-24.5	1000	23	NNW	6
8	TS	08/28	4	19.2	-24.7	1000	23	NNW	6
9	TS	08/28	10	20.0	-25.2	1000	23	NNW	7
10	TS	08/28	16	20.3	-25.1	1000	23	N	5
11	TS	08/28	22	21.2	-25.0	1000	23	N	5
12	TS	08/29	4	21.0	-24.8	1000	23	N	4
13	TS	08/29	10	22.0	-24.0	1002	21	N	5
14	TS	08/29	12	21.0	-27.0	1005	18	WNW	5
15	TS	08/29	16	21.3	-27.6	1005	18	WNW	6
16	TS	08/29	22	21.8	-28.2	1005	18	WNW	6
17	TS	08/30	4	23.2	-29.7	1005	18	NW	11
18	TS	08/30	10	24.0	-30.2	1005	18	NW	11
19	TD	08/30	16	24.7	-31.8	1009	15	NW	12
20	TD	08/30	22	25.8	-32.8	1012	13	NW	12
21	TD	08/31	4	26.2	-35.0	1012	13	WNW	15
22	TD	08/31	10	29.5	-36.0	1012	13	NW	20
23	TS	08/31	16	30.3	-37.8	1005	18	NW	20
24	TS	08/31	22	29.7	-40.2	1002	21	W	15
25	TS	09/01	4	30.5	-41.0	1005	18	WNW	15
26	TD	09/01	10	30.9	-41.5	1009	15	WNW	10
27	TS	09/01	16	32.4	-40.3	1002	21	N	15
28	TS	09/01	22	33.3	-40.8	1005	18	N	8
29	TS	09/02	4	34.4	-41.2	1005	18	N	8
30	TS	09/02	10	33.5	-41.0	1005	18	N	7
31	TS	09/02	16	33.5	-40.5	1005	18	0	0
32	TS	09/02	22	33.5	-40.5	1005	18	0	0
33	TS	09/03	4	33.5	-40.5	1005	18	0	0
34	TS	09/03	10	33.5	-41.0	1005	18	0	0
35	TS	09/03	16	33.5	-43.5	1005	18	W	5
36	TS	09/03	22	33.9	-45.3	1005	18	W	12
37	TS	09/04	4	34.3	-45.5	1005	18	WNW	11
38	TS	09/04	10	34.8	-46.9	1002	21	WNW	12
39	TS	09/04	16	35.1	-48.8	1000	23	WNW	10
40	TS	09/04	22	36.0	-48.5	1000	23	NW	9
41	STS	09/05	3	36.5	-48.8	994	28	NW	9
42	T	09/05	10	36.3	-48.8	987	33	NW	3
43	T	09/05	16	36.7	-49.0	983	36	NNW	4
44	T	09/05	22	36.7	-48.7	980	38	0	0
45	T	09/06	4	36.5	-48.5	979	38	0	0
46	T	09/06	10	37.0	-48.3	979	38	NNE	3
47	T	09/06	16	37.2	-48.2	987	33	NNE	3
48	T	09/06	22	37.3	-48.3	987	33	NNE	2
49	T	09/07	4	37.7	-47.0	987	33	ENE	4

50 T	09/07	10	38.8	-47.9	987	33	NNE	6
51 L	09/07	22	40.5	-48.5	997	26	NNE	9
52 L	09/08	22	45.0	-43.0	1005	18	NNE	18

8. TC = ATL8907 Name = GABRIELLA All Points = 54

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/30	22	10.9	-24.1	1009	15	W	18
2	TS	08/31	4	11.0	-26.2	1005	18	W	18
3	TS	08/31	10	11.1	-27.5	1002	21	W	17
4	STS	08/31	16	11.5	-29.5	997	26	W	17
5	STS	08/31	22	11.5	-31.5	994	28	W	17
6	T	09/01	4	11.4	-32.5	987	33	W	15
7	T	09/01	10	11.9	-33.8	987	33	W	15
8	T	09/01	16	12.3	-36.0	987	33	W	16
9	T	09/01	22	12.8	-38.5	987	33	W	17
10	T	09/02	4	13.7	-40.0	980	38	WNW	17
11	T	09/02	10	14.2	-41.0	977	41	WNW	17
12	T	09/02	16	14.8	-42.9	960	51	WNW	20
13	T	09/02	22	15.1	-45.0	970	46	WNW	17
14	T	09/03	4	15.5	-46.7	965	49	WNW	17
15	T	09/03	16	16.3	-49.9	960	51	WNW	17
16	T	09/03	22	16.8	-51.3	952	57	WNW	15
17	T	09/04	4	17.4	-52.5	952	57	WNW	15
18	T	09/04	10	17.5	-53.6	952	57	WNW	12
19	T	09/04	16	18.3	-54.6	952	57	WNW	12
20	T	09/04	22	19.1	-55.7	948	60	WNW	12
21	T	09/05	4	19.5	-56.5	948	60	WNW	12
22	T	09/05	10	20.5	-57.0	-	60	NW	11
23	T	09/05	16	21.1	-57.9	-	60	NW	10
24	T	09/05	22	21.7	-58.5	-	62	NW	10
25	T	09/06	4	22.8	-58.7	-	62	NNW	10
26	T	09/06	10	23.6	-59.2	927	65	NNW	10
27	T	09/06	16	24.7	-59.7	-	62	NNW	10
28	T	09/06	22	26.0	-60.0	-	60	NNW	12
29	T	09/07	4	27.3	-60.0	-	60	N	13
30	T	09/07	10	28.5	-60.0	-	54	N	13
31	T	09/07	16	29.9	-60.0	-	46	N	13
32	T	09/07	22	31.9	-59.6	-	46	N	13
33	T	09/08	4	33.1	-59.4	965	49	N	13
34	T	09/08	10	34.9	-59.5	970	46	N	16
35	T	09/08	16	36.2	-59.4	974	44	N	15
36	T	09/08	22	37.0	-59.5	974	44	N	10
37	T	09/09	4	38.0	-59.7	974	44	N	10
38	T	09/09	10	38.4	-60.0	977	41	N	8
39	T	09/09	16	39.0	-60.1	977	41	N	7
40	T	09/09	22	39.2	-60.2	983	36	0	0
41	T	09/10	4	39.2	-60.2	983	36	0	0
42	T	09/10	10	39.3	-60.5	983	36	0	0
43	T	09/10	16	39.3	-60.5	987	33	0	0
44	T	09/10	22	39.0	-60.8	987	33	0	0
45	STS	09/11	4	39.0	-62.0	994	28	W	3
46	STS	09/11	10	38.8	-62.5	997	26	0	0
47	TS	09/11	16	40.0	-61.5	1000	23	NNE	4
48	TS	09/11	22	40.2	-61.5	1000	23	NNE	3
49	TS	09/12	4	41.0	-60.0	1002	21	NE	10
50	TS	09/12	10	41.3	-59.7	1002	21	NE	7
51	TS	09/12	16	40.5	-58.0	1002	21	ENE	7
52	TS	09/12	22	41.2	-56.0	1002	21	ENE	9
53	TS	09/13	4	41.7	-55.0	1005	18	ENE	9
54	L	09/13	10	42.2	-53.0	1005	18	ENE	12

9. TC = ATL8908 Name = HUGO All Points = 49

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/11	4	13.0	-24.8	1009	15	W	15
2	TD	09/11	10	13.0	-25.7	1009	15	W	15
3	TD	09/11	16	12.8	-28.0	1009	15	W	17
4	TS	09/11	22	12.8	-30.5	1005	18	W	17
5	TS	09/12	4	12.5	-31.5	1002	21	W	17
6	TS	09/12	10	12.5	-33.7	1000	23	W	17
7	TS	09/12	16	12.6	-36.0	1000	23	W	20
8	STS	09/12	22	12.9	-38.0	997	26	W	19
9	STS	09/13	4	13.0	-39.5	994	28	W	18
10	STS	09/13	10	12.7	-42.0	994	28	W	18
11	STS	09/13	16	12.8	-42.8	991	31	W	18
12	T	09/13	22	12.9	-44.5	987	33	W	17
13	T	09/14	4	13.0	-46.7	987	33	W	18
14	T	09/14	10	13.0	-48.0	987	33	W	15
15	T	09/14	16	13.3	-48.7	980	38	W	13
16	T	09/14	22	13.7	-49.9	974	44	W	13
17	T	09/15	4	13.9	-51.1	960	51	W	13
18	T	09/15	10	14.1	-52.8	956	54	W	13
19	T	09/15	16	14.4	-54.1	952	57	W	13
20	T	09/15	22	14.8	-55.5	930	68	W	13
21	T	09/16	4	15.0	-56.9	930	68	W	13
22	T	09/16	10	15.3	-58.3	930	68	W	13
23	T	09/16	16	15.6	-59.0	941	62	W	12
24	T	09/16	19	15.8	-59.5	945	62	W	12
25	T	09/17	4	16.3	-61.1	941	62	W	10
26	T	09/17	10	16.5	-62.2	942	62	W	10
27	T	09/17	16	16.8	-63.3	940	62	W	12
28	T	09/18	4	17.4	-64.6	940	62	WNW	8
29	T	09/18	10	17.9	-65.1	940	62	WNW	7
30	T	09/18	16	18.6	-66.0	952	57	WNW	7
31	T	09/18	22	19.5	-67.0	964	49	NW	10
32	T	09/19	4	20.2	-67.3	964	49	NW	10
33	T	09/19	10	21.2	-67.7	-	46	NNW	10
34	T	09/19	16	22.2	-68.5	-	46	NW	10
35	T	09/19	22	23.3	-68.9	-	46	NW	11
36	T	09/20	4	23.9	-69.7	-	46	NW	10
37	T	09/20	10	24.9	-70.5	-	46	NW	11
38	T	09/20	16	25.8	-71.5	-	46	NW	12
39	T	09/20	22	27.0	-73.0	-	46	NW	15
40	T	09/21	4	27.8	-74.2	-	49	NW	15
41	T	09/21	10	28.6	-75.9	-	49	WNW	15
42	T	09/21	16	29.5	-77.0	-	51	WNW	15
43	T	09/21	22	31.2	-78.2	918	73	NW	20
44	T	09/22	4	32.7	-79.9	-	62	NW	19
45	T	09/22	6	33.3	-80.0	-	51	NNW	25
46	T	09/22	8	34.1	-80.6	977	41	NNW	25
47	STS	09/22	10	35.0	-80.8	991	31	NNW	22
48	TS	09/22	16	37.5	-82.0	1000	23	NNW	25
49	L	09/22	22	40.5	-81.0	1005	18	NNE	35

10. TC = ATL8909 Name = IRIS All Points = 21

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/16	22	11.3	-45.5	1009	15	W	18
2	TD	09/17	4	11.5	-46.9	1009	15	W	15
3	TD	09/17	10	11.5	-48.0	1009	15	W	13
4	TD	09/17	16	11.3	-52.0	1009	15	W	23
5	TS	09/17	22	11.3	-52.5	-	18	W	20
6	TS	09/18	4	12.1	-54.2	-	18	W	20

7	STS	09/18	10	12.6	-55.8	-	26	W	18
8	STS	09/18	16	14.5	-56.0	-	26	WNW	18
9	STS	09/18	22	16.5	-56.5	-	26	NNW	18
10	STS	09/19	3	17.7	-57.3	1001	31	NNW	17
11	STS	09/19	10	18.7	-57.9	1001	31	NNW	17
12	STS	09/19	16	19.5	-58.5	1001	31	WNW	12
13	STS	09/19	22	20.6	-59.8	1001	31	WNW	14
14	STS	09/20	4	21.6	-61.1	1001	31	NW	12
15	STS	09/20	10	21.3	-62.0	1001	31	NW	14
16	STS	09/20	16	21.5	-62.8	-	26	WNW	10
17	STS	09/20	22	22.0	-64.0	-	28	WNW	12
18	TS	09/21	3	22.0	-64.0	-	23	WNW	12
19	TS	09/21	10	22.7	-66.2	-	23	WNW	13
20	TS	09/21	16	22.8	-67.0	1005	18	WNW	12
21	TD	09/21	22	23.0	-67.3	1009	15	WNW	12

11. TC = ATL8910 Name = JERRY All Points = 16

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/10	19	20.0	-92.8	1009	15	NW	5
2	TD	10/13	4	20.4	-93.3	1009	15	NW	5
3	TD	10/13	10	21.4	-93.4	1009	15	NNW	6
4	STS	10/13	16	22.3	-93.4	994	28	N	7
5	STS	10/13	22	23.2	-93.6	991	31	N	9
6	STS	10/14	4	24.8	-93.6	991	31	N	11
7	STS	10/14	10	25.2	-93.7	991	31	N	9
8	STS	10/14	16	24.9	-93.1	994	28	N	10
9	STS	10/14	22	25.5	-92.8	997	26	NNW	4
10	STS	10/15	10	26.9	-93.7	997	26	NNW	7
11	T	10/15	16	27.8	-94.1	987	33	NNW	8
12	T	10/15	22	28.8	-94.7	983	38	N	11
13	STS	10/16	4	29.9	-94.6	991	31	N	12
14	TS	10/16	7	30.7	-94.9	1000	23	N	20
15	TS	10/16	10	31.2	-94.2	1005	18	NE	17
16	L	10/16	16	32.5	-95.8	1009	15	NE	17

12. TC = ATL8911 Name = KAREN All Points = 23

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/28	22	19.0	-85.5	1009	15	NNW	8
2	TD	11/29	4	19.5	-85.8	1009	15	NNW	8
3	TD	11/29	10	20.4	-85.7	1009	15	N	8
4	TD	11/29	16	20.7	-85.2	1009	15	N	7
5	TD	11/29	22	21.1	-84.1	1009	15	NE	7
6	TD	11/30	4	21.2	-83.5	1009	15	ENE	7
7	TD	11/30	10	21.3	-83.2	1009	15	ENE	5
8	STS	11/30	16	21.4	-83.0	1000	26	ENE	4
9	STS	11/30	22	20.8	-83.2	1000	26	0	0
10	TS	12/01	4	19.6	-83.1	1000	23	S	5
11	TS	12/01	10	19.1	-83.0	1002	21	S	5
12	TS	12/01	16	19.0	-83.2	1005	18	S	4
13	TS	12/01	22	18.2	-84.5	1005	18	SW	7
14	TS	12/02	4	17.8	-85.2	1005	18	SW	7
15	TS	12/02	10	17.5	-85.7	1005	18	SW	7
16	TS	12/02	16	17.2	-86.2	1005	18	SW	7
17	TS	12/02	22	17.4	-85.7	1005	18	0	0
18	TS	12/03	4	17.5	-85.5	1005	18	0	0
19	TS	12/03	10	17.5	-85.5	1005	18	0	0
20	TS	12/03	16	17.5	-85.0	1005	18	0	0
21	TS	12/03	22	17.5	-84.0	1005	18	E	6
22	TS	12/04	4	16.7	-83.7	1005	18	NE	15
23	TD	12/04	16	16.3	-83.2	1009	15	NE	10

1989. North Indian Ocean

1. TC = NIN8901 Name = NO NAME All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	05/23	12	19.0	86.6	990	13	N	3
2	TD	05/24	0	19.0	89.0	980	15	N	5
3	TD	05/24	12	18.9	88.3	985	15	N	5
4	TS	05/25	0	19.6	87.0	988	18	WNW	6
5	STS	05/26	0	19.5	87.0	980	26	W	3
6	T	05/26	12	20.0	87.3	970	33	N	5
7	TD	05/27	0	20.3	86.5	990	15	W	5

2. TC = NIN8902 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/11	0	21.0	68.0	1000	13	N	3
2	TS	06/12	0	21.5	68.0	996	18	N	5
3	TS	06/12	6	21.9	66.2	996	18	W	8
4	STS	06/12	12	21.0	66.0	992	26	W	7
5	TD	06/13	9	21.1	59.5	1000	15	W	15

3. TC = NIN8903 Name = NO NAME All Points = 8

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/16	8	8.5	85.0	1002	13	N	5
2	TD	11/16	21	11.4	86.2	1000	13	NNE	10
3	TS	11/17	17	10.2	85.0	997	18	NW	5
4	TS	11/18	0	10.0	84.0	997	18	W	5
5	TS	11/18	12	9.5	83.5	997	18	SW	5
6	TS	11/19	0	9.2	82.0	997	18	SW	5
7	TS	11/19	12	9.5	84.0	1000	18	W	5
8	TD	11/20	0	10.0	84.5	1008	15	W	1

1989. South Indian Ocean

1. TC = SIN8901 Name = CALASONJY All Points = 17

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/07	0	-16.3	43.9	1000	15	0	0
2	TD	01/09	0	-16.5	42.0	1000	15	SW	1
3	TS	01/09	12	-16.5	41.5	997	18	W	1
4	TS	01/10	4	-16.0	41.8	994	21	0	0
5	TS	01/10	11	-16.2	41.2	994	21	0	0
6	TS	01/11	4	-17.0	41.4	991	23	S	5
7	STS	01/12	5	-17.2	41.7	987	26	0	0
8	STS	01/12	11	-17.5	42.0	987	26	SE	1
9	T	01/13	5	-18.0	42.3	976	33	S	5
10	T	01/13	11	-18.2	42.8	972	36	0	0
11	T	01/14	6	-18.8	43.8	963	41	SE	7
12	T	01/14	11	-19.7	44.3	955	46	SE	10
13	TS	01/15	4	-21.5	45.0	991	23	SSE	7
14	TS	01/15	11	-21.7	45.2	991	23	0	0
15	TS	01/16	4	-22.5	43.5	997	18	SW	8
16	TD	01/16	10	-23.8	42.3	1000	15	SW	7
17	TD	01/17	3	-25.2	40.2	1000	15	SW	10

2. TC = SIN8902 Name = DONA All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/10	4	-15.0	63.2	1000	15	W	1

2	TD	01/10	10	-15.0	62.2	1000	15	W	5
3	TD	01/11	4	-15.5	61.5	1000	15	WSW	7
4	TD	01/11	10	-17.8	61.0	1000	15	S	10
5	TS	01/12	4	-19.5	61.0	994	21	S	12
6	TS	01/13	3	-22.3	60.5	994	21	SSW	10
7	TS	01/13	9	-23.0	61.4	991	23	SE	7
8	TS	01/14	3	-24.5	67.5	994	21	ESE	12
9	TD	01/15	3	-29.0	75.0	1000	15	SE	20

3. TC = SIN8903 Name = EDME All Points = 18

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/19	8	-13.8	82.5	1000	15	W	1
2	TD	01/20	2	-13.0	82.0	1000	15	NW	3
3	TD	01/20	12	-13.5	82.0	1000	15	S	1
4	TD	01/21	2	-13.5	82.2	1000	15	0	0
5	TD	01/21	12	-13.0	82.5	1000	15	0	0
6	TD	01/22	1	-16.0	82.5	1000	15	S	10
7	TD	01/22	12	-17.0	83.5	1000	15	SE	10
8	TS	01/23	4	-19.0	83.5	997	18	S	12
9	TS	01/23	12	-19.2	81.8	997	18	W	12
10	TS	01/24	3	-21.2	80.3	997	18	SSW	8
11	TS	01/24	9	-22.0	79.5	997	18	SW	10
12	TS	01/25	2	-24.0	75.6	994	21	WSW	12
13	TS	01/25	9	-24.7	75.1	991	23	0	0
14	TS	01/26	2	-28.2	71.5	991	23	SW	13
15	STS	01/26	6	-29.0	71.0	987	26	SW	1
16	STS	01/26	12	-29.5	70.5	987	26	SW	3
17	TS	01/26	18	-30.0	70.0	991	23	SW	5
18	L	01/27	12	-34.0	71.5	991	23	SSE	12

4. TC = SIN8904 Name = FIRINGA All Points = 20

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/24	9	-11.3	63.8	1000	15	SE	3
2	TD	01/25	4	-12.0	64.5	1000	15	SE	5
3	TD	01/25	9	-12.1	65.3	1000	15	E	5
4	TS	01/26	3	-13.5	66.5	991	23	SE	7
5	TS	01/26	11	-14.0	66.4	991	23	S	3
6	TS	01/26	18	14.7	66.5	991	23	S	3
7	STS	01/27	0	-15.0	66.5	987	26	0	0
8	T	01/27	11	-16.5	63.7	976	33	SW	8
9	T	01/28	3	-17.7	60.4	976	33	WSW	7
10	T	01/28	10	-18.7	59.4	963	40	SW	10
11	T	01/29	4	-20.3	56.2	954	46	SW	12
12	T	01/29	10	-21.2	55.3	954	46	SW	7
13	T	01/30	0	-22.1	53.6	976	33	WSW	8
14	T	01/30	6	-22.7	53.5	976	33	S	3
15	T	01/30	10	-23.8	52.3	976	33	SW	5
16	T	01/31	3	-24.9	51.6	976	33	SW	7
17	STS	01/31	11	-27.2	50.5	984	28	SSW	10
18	TS	02/01	3	-29.7	49.3	991	23	SSW	12
19	TS	02/01	6	-30.0	50.0	994	21	SW	3
20	TD	02/01	12	-30.5	50.0	1000	15	S	3

5. TC = SIN8905 Name = JOHN All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/27	0	-12.5	94.5	1000	15	SE	1
2	TD	01/27	19	-13.0	96.0	1000	15	SE	5
3	TS	01/28	7	-16.2	98.2	997	18	SSE	12
4	TS	01/29	0	-19.0	100.0	994	21	SE	10
5	TS	01/30	0	-22.0	100.1	994	21	S	10

6 TD 01/30 19 -22.5 100.5 1000 15 S 5
 6. TC = SIN8906 Name = KIRRILY All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/03	22	-11.0	106.0	1004	13	E	7
2	TD	02/05	10	-12.0	109.0	1004	13	ESE	10
3	TD	02/06	10	-13.0	109.0	1000	13	S	5
4	TS	02/07	3	-16.1	109.4	991	23	S	8
5	TS	02/07	10	-16.0	109.0	991	23	0	0
6	TS	02/07	22	-17.0	109.0	991	23	S	7
7	TS	02/09	0	-19.0	109.0	994	21	S	10
8	TS	02/09	10	-21.0	107.0	994	21	SW	10
9	TD	02/10	0	-24.0	106.0	1000	15	SSW	10

7. TC = SIN8907 Name = GIZELA All Points = 14

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/17	0	-13.0	71.0	1000	15	S	1
2	TS	02/18	0	-14.0	71.5	994	21	SE	3
3	STS	02/18	8	-15.5	72.3	984	28	SE	7
4	T	02/19	4	-17.6	72.4	976	33	S	10
5	T	02/19	10	-17.8	72.0	976	33	0	0
6	STS	02/20	0	-18.7	72.7	984	28	S	8
7	STS	02/20	12	-19.5	73.0	987	26	SE	5
8	T	02/21	2	-21.8	70.5	976	33	SW	12
9	STS	02/21	12	-21.8	70.9	987	26	0	0
10	TS	02/22	3	-23.0	68.6	991	23	SW	10
11	TS	02/22	10	-23.8	67.8	991	23	SW	8
12	TS	02/23	3	-27.0	67.0	997	18	S	12
13	TS	02/23	9	-27.7	67.3	997	18	SE	5
14	TD	02/23	19	-28.0	67.5	1000	15	SE	5

8. TC = SIN8908 Name = HANITRA All Points = 23

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/17	0	-11.0	95.0	1000	15	SE	2
2	TS	02/18	0	-11.5	96.0	994	21	SE	3
3	STS	02/19	0	-13.0	93.0	987	26	SW	8
4	TS	02/20	0	-12.9	88.0	991	23	W	10
5	T	02/20	12	-12.0	85.0	976	33	WSW	10
6	STS	02/21	2	-13.0	84.0	980	31	SW	8
7	STS	02/21	12	-13.0	82.0	984	28	W	10
8	T	02/22	3	-13.4	82.2	967	38	0	0
9	T	02/22	11	-13.5	82.2	963	41	0	0
10	T	02/23	0	-14.5	81.5	963	41	SW	5
11	T	02/23	5	-15.0	81.0	938	54	S	10
12	T	02/23	8	-15.5	81.0	943	50	S	10
13	T	02/23	20	-16.2	79.8	933	57	SW	10
14	T	02/24	3	-17.2	79.8	933	57	S	10
15	T	02/24	6	-17.0	80.0	933	57	0	0
16	T	02/25	3	-18.0	76.0	938	54	WSW	12
17	T	02/25	12	-19.0	75.0	954	46	SW	10
18	T	02/25	20	-19.8	74.5	958	44	SW	8
19	T	02/26	6	-21.0	73.0	963	41	SW	10
20	T	02/27	2	-25.0	71.4	972	36	SSW	10
21	T	02/27	8	-27.5	71.4	976	33	S	12
22	STS	02/28	3	-31.0	72.0	984	28	SSE	17
23	L	03/01	0	-32.5	73.0	987	26	SE	7

9. TC = SIN8909 Name = JAMA All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/25	0	-22.5	39.4	1000	15	0	0

2	TS	02/25	11	-22.6	39.5	994	21	SE	1
3	TS	02/26	0	-22.0	40.0	994	21	NE	1
4	T	02/23	11	-21.4	42.7	976	33	ENE	10
5	TS	02/27	3	-23.0	47.5	991	23	ESE	12
6	TS	02/27	10	-23.7	48.6	991	23	SE	8
7	TS	02/28	3	-25.6	52.0	991	23	SE	12
8	TS	02/28	10	-26.3	54.0	991	23	SE	7
9	L	03/01	3	-31.5	55.8	994	21	SSE	12

10. TC = SIN8910 Name = JINATO All Points = 24

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	03/21	0	-18.0	66.0	1000	15	W	1
2	TD	03/22	9	-17.5	61.0	1000	15	NW	10
3	TD	03/23	3	-16.5	60.5	1000	15	NW	3
4	TD	03/23	9	-16.5	59.0	1000	15	W	5
5	TD	03/24	4	-16.0	56.5	1000	15	WNW	10
6	TS	03/24	11	-15.8	54.3	997	18	WNW	10
7	TS	03/25	4	-16.5	52.0	994	23	SW	12
8	STS	03/25	11	-18.2	51.4	987	26	SSW	10
9	STS	03/26	0	-19.0	51.5	984	28	S	3
10	STS	03/26	12	-19.6	50.3	984	28	SW	5
11	STS	03/27	0	-20.0	50.0	984	28	S	1
12	T	03/27	5	-20.2	49.4	967	38	SW	3
13	T	03/27	11	-20.7	49.4	967	38	S	5
14	T	03/28	0	-21.3	49.0	976	33	S	5
15	T	03/28	5	-20.7	49.7	976	33	NE	5
16	T	03/28	11	-21.0	49.8	976	33	S	1
17	T	03/29	0	-21.0	49.5	976	33	0	0
18	STS	03/29	10	-21.2	50.5	984	28	E	1
19	TS	03/30	3	-22.2	51.5	994	21	SE	3
20	TS	03/30	10	-23.0	51.0	991	23	SW	3
21	TS	03/31	0	-25.0	50.0	994	21	SSW	7
22	TS	03/31	10	-26.8	49.8	997	18	SW	10
23	TS	04/01	0	-29.0	49.0	997	18	SSW	10
24	TD	04/01	3	-30.0	51.1	1000	15	SE	8

11. TC = SIN8911 Name = NED All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	03/26	0	-17.0	115.8	1000	15	SE	1
2	TS	03/26	3	-17.2	116.0	997	18	0	0
3	STS	03/27	3	-18.0	113.0	987	26	WSW	10
4	STS	03/27	10	-18.4	112.5	987	26	SW	7
5	STS	03/28	3	-19.5	109.8	980	31	WSW	10
6	TS	03/29	3	-21.0	109.0	994	21	SSW	5
7	TD	03/30	3	-23.9	109.8	1000	15	SSE	5

12. TC = SIN8912 Name = KRIZI All Points = 31

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	03/28	0	-10.2	75.0	1000	15	S	3
2	TD	03/28	9	-10.7	75.0	1000	15	S	5
3	TD	03/29	2	-11.5	73.7	1000	15	SW	7
4	TS	03/29	10	-12.0	74.0	997	18	SE	3
5	TS	03/30	2	-12.6	72.4	997	18	WSW	5
6	TS	03/30	10	-12.6	72.4	994	21	0	0
7	TS	03/31	0	-13.0	72.0	991	23	0	0
8	STS	03/31	10	-12.4	71.5	987	26	NW	1
9	STS	04/01	3	-13.5	70.2	987	26	SW	7
10	STS	04/01	10	-14.0	69.5	984	28	SW	5
11	STS	04/02	3	-15.0	69.5	980	31	S	5
12	T	04/02	10	-15.3	70.7	976	33	SE	7

13	T	04/02	18	-15.5	70.3	976	33	SE	3
14	T	04/03	2	-16.0	69.9	0	33	SE	1
15	T	04/04	4	-17.2	68.8	0	36	SW	5
16	T	04/05	3	-18.5	64.5	0	36	WSW	10
17	T	04/05	11	-19.8	62.8	967	38	SW	8
18	T	04/06	3	-19.8	59.8	976	33	W	10
19	T	04/06	11	-20.7	57.8	975	33	WSW	12
20	T	04/07	0	-23.0	56.0	976	33	SW	10
21	STS	04/07	11	-24.3	54.4	984	28	SW	10
22	TS	04/08	4	-26.0	53.5	994	21	SW	10
23	TS	04/08	6	-26.3	53.5	994	21	0	0
24	TS	04/08	10	-26.6	54.5	997	18	SE	5
25	TS	04/09	4	-28.0	57.0	997	18	SE	10
26	TS	04/09	6	-28.0	57.0	997	18	0	0
27	TS	04/09	10	-28.1	57.7	997	18	0	0
28	TS	04/10	3	-27.6	61.2	997	18	ENE	12
29	TS	04/10	10	-27.0	62.0	997	18	NE	7
30	TS	04/11	3	-24.0	62.0	997	18	S	12
31	TD	04/11	21	-24.0	62.3	1000	15	0	0

13. TC = SIN8913 Name = LIZISSE All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	04/05	15	-12.0	76.5	1000	15	SW	3
2	TS	04/06	3	-12.5	76.0	991	23	S	3
3	STS	04/06	9	-12.5	73.5	985	28	W	12
4	STS	04/07	2	-13.0	69.0	985	28	WSW	15
5	STS	04/07	9	-13.9	72.4	987	26	ESE	15
6	TS	04/08	0	-14.5	69.5	991	23	WSW	12
7	TS	04/08	6	-14.0	70.5	994	21	NE	8
8	TS	04/08	10	-14.0	68.4	997	18	W	10
9	TD	04/09	4	-16.0	69.5	1000	15	SSE	10
10	TD	04/09	10	-16.2	69.1	1000	15	0	0
11	TS	04/10	0	-18.0	69.5	997	18	S	10
12	TS	04/10	6	-21.0	67.0	997	18	SW	10
13	TD	04/10	21	-21.5	67.5	1000	15	SE	1

14. TC = SIN8914 Name = ORSON All Points = 10

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	04/18	10	-12.0	126.0	1000	15	S	1
2	TD	04/18	22	-12.2	122.0	1000	15	W	10
3	TS	04/19	3	-12.2	122.0	997	18	0	0
4	STS	04/19	22	-12.6	121.0	984	28	SW	5
5	T	04/20	3	-12.3	119.5	958	46	W	8
6	T	04/21	3	-14.0	117.5	933	57	SW	10
7	T	04/22	3	-17.0	116.2	933	57	SSW	10
8	T	04/22	18	-20.0	117.0	958	46	SSE	10
9	T	04/23	0	-21.0	116.0	958	46	SW	5
10	TD	04/23	18	-22.0	116.5	1000	15	SW	3

15. TC = SIN8915 Name = NO NAME All Points = 44

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	12/16	0	-7.5	62.8	1000	15	S	3
2	TS	12/16	6	-8.0	62.6	997	18	S	3
3	TS	12/16	12	-8.0	62.6	994	21	0	0
4	TS	12/17	3	-10.0	60.0	997	18	SW	7
5	TS	12/17	10	-10.6	61.6	997	18	ESE	8
6	TS	12/18	2	-11.2	61.0	997	18	SW	5
7	STS	12/18	10	-11.0	60.5	984	28	W	5
8	STS	12/19	4	-11.8	60.0	984	28	SW	7
9	STS	12/19	10	-11.8	59.5	984	28	W	5

10	T	12/20	6	-11.9	57.5	967	38	W	12
11	T	12/20	12	-11.7	56.5	967	38	W	10
12	T	12/21	3	-10.8	54.5	963	41	W	10
13	T	12/21	11	-10.8	54.5	963	41	0	0
14	T	12/21	22	-12.0	55.0	954	46	SE	5
15	T	12/22	11	-13.0	55.2	976	33	S	7
16	T	12/23	4	-14.0	55.5	976	33	S	7
17	T	12/23	22	-13.0	57.3	972	36	NE	10
18	T	12/24	10	-13.8	56.8	967	38	SW	5
19	T	12/25	3	-13.7	56.6	967	38	0	0
20	T	12/25	10	-13.4	57.5	967	38	E	8
21	T	12/26	3	-13.3	57.8	967	38	0	0
22	T	12/26	10	-13.6	57.7	967	38	0	0
23	T	12/27	4	-14.8	58.6	967	38	SE	5
24	T	12/27	10	-14.0	57.5	972	36	NW	3
25	T	12/27	22	-14.2	57.5	976	33	0	0
26	T	12/28	4	-14.5	58.0	976	33	SE	3
27	T	12/28	6	-14.1	58.0	976	33	0	0
28	T	12/29	4	-14.2	55.2	976	33	W	12
29	STS	12/29	11	-14.4	54.5	984	28	W	8
30	T	12/30	3	-15.2	52.7	976	33	SW	10
31	T	12/30	11	-15.9	52.5	976	33	S	5
32	T	12/31	4	-17.9	51.2	976	33	SSW	10
33	T	12/31	11	-18.5	50.7	976	33	SW	10
34	STS	01/01	4	-20.3	49.8	980	31	SW	10
35	STS	01/01	11	-20.7	48.7	980	31	W	5
36	STS	01/02	3	-21.5	47.2	984	28	SW	8
37	STS	01/02	10	-23.0	46.6	984	28	SW	7
38	STS	01/03	3	-24.0	44.2	987	26	WSW	10
39	STS	01/03	12	-24.8	43.5	987	26	SW	5
40	TS	01/04	0	-26.0	43.3	994	21	S	10
41	STS	01/04	12	-27.2	43.5	984	28	S	10
42	STS	01/04	23	-27.6	44.8	987	26	E	5
43	TS	01/05	4	-27.7	44.5	991	23	0	0
44	L	01/06	3	-31.9	41.3	994	21	SW	12

1989. Southwest Pacific Ocean

1. TC = SWP8901 Name = DELILA All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/01	6	-18.4	156.6	1000	15	E	10
2	TS	01/01	18	-18.8	161.3	994	21	ESE	15
3	STS	01/02	6	-20.4	166.2	980	31	ESE	20
4	STS	01/02	18	-21.0	167.0	980	31	SE	7
5	TS	01/03	6	-25.0	169.0	991	23	SSE	17
6	TS	01/03	18	-26.5	171.0	994	21	SE	15
7	TD	01/04	0	-28.0	171.5	1000	15	S	15

2. TC = SWP8902 Name = FELY All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/01	8	-13.0	-167.5	1000	15	S	5
2	TS	01/01	12	-14.0	-168.0	994	21	SSW	7
3	TD	01/02	8	-14.0	-168.0	1000	15	0	0
4	TS	01/02	20	-16.0	-170.0	994	21	SW	15
5	TD	01/03	8	-17.5	-171.0	1000	15	SW	10
6	TD	01/04	8	-19.0	-171.0	1000	15	S	7
7	TS	01/04	20	-20.0	-171.0	997	18	S	7

8	TD	01/05	8	-22.0	-168.0	1000	15	SE	10
9	TS	01/06	8	-24.0	-166.0	997	18	SE	10
10	TS	01/07	0	-28.0	-162.0	994	21	SE	20
11	TD	01/07	20	-28.5	-161.5	1000	15	SE	7

3. TC = SWP8903 Name = JENA All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/07	0	-14.5	-173.0	1000	15	SE	3
2	TS	01/07	8	-15.0	-173.0	994	21	SE	7
3	TS	01/07	20	-17.0	-171.5	991	23	SE	15
4	TS	01/08	20	-18.5	-172.0	991	23	SSW	10
5	TS	01/09	8	-19.0	-172.0	994	21	S	7
6	TD	01/09	20	-23.0	-167.0	1000	15	SE	20

4. TC = SWP8904 Name = HARRY All Points = 20

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/07	22	-18.0	160.0	1000	15	E	5
2	TS	02/08	6	-17.8	162.0	994	21	E	10
3	TS	02/09	0	-19.0	163.0	991	23	SE	10
4	STS	02/09	10	-19.0	165.0	987	26	E	17
5	STS	02/09	18	-19.0	165.0	987	26	0	0
6	STS	02/10	6	-19.0	165.0	987	26	0	0
7	T	02/10	18	-20.0	165.0	943	50	S	10
8	T	02/11	3	-20.4	164.0	958	44	W	10
9	T	02/11	9	-20.4	164.0	958	44	0	0
10	T	02/12	3	-21.0	162.2	943	50	WSW	7
11	T	02/13	3	-20.0	160.6	958	44	NW	8
12	T	02/13	20	-19.0	159.0	943	50	NW	10
13	T	02/14	3	-19.3	158.5	933	57	WSW	3
14	T	02/14	18	-19.5	157.9	933	57	SW	5
15	T	02/15	3	-19.5	157.5	933	57	0	0
16	T	02/16	3	-20.0	157.8	954	46	S	5
17	T	02/17	3	-20.4	160.0	967	38	E	10
18	STS	02/18	3	-23.1	162.8	984	28	SE	12
19	STS	02/19	0	-26.0	165.0	987	26	SSE	12
20	L	02/19	18	-30.0	167.0	991	23	SSE	12

5. TC = SWP8905 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/12	15	-22.5	176.0	1000	15	SW	3
2	TS	02/13	0	-23.0	175.0	994	21	SW	5
3	TS	02/13	20	-25.0	171.0	994	21	WSW	12
4	TD	02/14	0	-26.0	170.0	1000	15	SW	10

6. TC = SWP8906 Name = IVY All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/22	22	-15.0	169.0	1000	15	S	10
2	TD	02/23	6	-17.0	168.0	1000	15	SSW	12
3	TD	02/23	18	-15.6	166.2	1000	15	NW	10
4	TS	02/24	3	-17.5	165.5	997	18	SW	12
5	TS	02/25	3	-19.4	168.0	994	21	SE	15
6	TS	02/25	6	-20.0	167.0	994	21	SW	15
7	STS	02/26	3	-20.0	168.5	987	26	E	5
8	T	02/26	12	-20.1	169.9	976	33	E	7
9	STS	02/27	3	-21.3	171.9	987	26	SE	10
10	T	02/27	6	-21.5	171.5	972	36	SE	5
11	T	02/27	12	-21.9	171.8	972	36	SE	5
12	T	02/28	6	-22.6	172.3	976	33	SE	7
13	TD	03/01	0	-24.0	173.0	1000	15	SE	10

7. TC = SWP8907 Name = JUDY All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/23	0	-23.0	-154.0	1000	15	W	10
2	T	02/24	18	-23.2	-155.0	976	33	W	10
3	T	02/25	9	-23.0	-155.0	976	33	0	0
4	T	02/26	0	-22.0	-155.0	976	33	N	10
5	T	02/26	12	-22.3	-157.8	976	33	W	12
6	T	02/26	18	-21.2	-158.2	976	33	NW	10
7	TD	02/27	18	-20.0	-159.0	1000	15	NW	12

8. TC = SWP8908 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/24	0	-26.0	-140.0	1000	15	SW	10
2	TS	02/25	9	-27.0	-141.0	997	18	SW	10
3	TS	02/26	0	-29.0	-141.0	997	18	S	15
4	TD	02/27	0	-30.0	-141.0	1000	15	S	12

9. TC = SWP8909 Name = NO NAME All Points = 8

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	03/31	0	-19.0	177.5	1000	15	S	3
2	TS	03/31	10	-19.5	177.5	997	18	S	5
3	TS	04/01	0	-22.5	178.0	997	18	SSE	15
4	TS	04/01	12	-22.0	178.5	997	18	NE	5
5	TS	04/02	0	-22.0	179.5	997	18	E	5
6	TS	04/02	6	-22.0	180.0	997	18	E	10
7	TS	04/03	0	-23.5	-175.5	997	18	ESE	15
8	TD	04/03	12	-24.0	-175.0	1000	15	SE	10

10. TC = SWP8910 Name = NO NAME All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	04/01	0	-11.5	152.9	1000	15	E	3
2	TS	04/01	3	-11.6	153.0	997	18	E	3
3	STS	04/02	3	-14.7	150.0	987	26	SW	15
4	T	04/03	3	-16.8	149.0	972	36	SSW	15
5	T	04/04	0	-19.0	148.0	972	36	SSW	17
6	TS	04/04	10	-19.0	147.0	997	18	W	8
7	TD	04/04	22	-19.2	146.8	1000	15	SW	3

11. TC = SWP8911 Name = LIKI All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	04/06	12	-12.0	162.5	1000	15	SE	3
2	TS	04/07	0	-12.2	162.7	997	18	SE	5
3	TS	04/07	6	-13.0	163.5	997	18	SE	7
4	TS	04/08	0	-13.5	165.0	994	21	SE	7
5	STS	04/08	6	-14.5	164.8	987	26	SSW	10
6	T	04/09	6	-16.1	164.7	958	44	S	10
7	T	04/09	18	-18.1	164.9	933	57	S	13
8	T	04/10	0	-19.0	165.5	933	57	SE	10
9	T	04/10	3	-19.8	164.7	933	57	SW	7
10	T	04/10	10	-20.0	166.0	954	46	E	10
11	STS	04/11	0	-23.3	167.2	980	31	SSE	17
12	STS	04/11	3	-24.5	167.5	987	26	S	10
13	TD	04/11	18	-25.0	167.5	1000	15	SE	5

12. TC = SWP8912 Name = MEENA All Points = 12

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	05/02	0	-11.0	160.0	1000	15	SE	3
2	TS	05/04	3	-11.5	161.3	997	18	SE	3
3	TS	05/04	18	-13.5	160.5	994	21	SSW	12
4	TS	05/05	0	-13.5	160.0	994	21	W	3

5	TS	05/05	6	-13.9	159.1	994	21	SW	7	7	TD	05/09	0	-12.0	144.0	1000	15	WNW	15	
6	TS	05/05	22	-15.3	157.7	991	23	SW	15	14. TC = SWP8914 Name = NO NAME All Points = 3										
7	TS	05/06	8	-15.0	155.0	991	23	WNW	13	N Stage Date Time Lat Long Pres Wind Shift Vel										
8	TS	05/06	22	-14.0	154.0	991	23	NW	10	1	TD	05/08	22	-12.0	162.0	1000	15	SW	7	
9	TS	05/08	0	-13.0	147.0	994	21	WNW	12	2	TS	05/10	0	-13.0	156.0	997	18	WSW	8	
10	STS	05/08	3	-12.5	145.5	987	26	WNW	10	3	TD	05/10	22	-14.0	155.0	1000	15	SW	5	
11	TS	05/09	3	-12.0	144.0	997	18	WNW	8	15. TC = SWP8915 Name = ERNIE All Points = 7										
12	TD	05/10	0	-13.0	142.0	1000	15	SW	10	N Stage Date Time Lat Long Pres Wind Shift Vel										
13. TC = SWP8913 Name = NO NAME All Points = 7											1	TD	05/08	0	-11.8	162.0	1000	15	0	0
1	TD	05/05	22	-15.3	157.7	1000	15	W	10	2	TS	05/08	22	-12.0	162.0	997	18	S	3	
2	TS	05/06	8	-15.0	155.0	994	21	W	10	3	TS	05/10	0	-13.0	156.0	997	18	WSW	13	
3	TS	05/06	22	-14.0	154.0	994	21	NW	8	4	TS	05/11	0	-12.0	151.0	997	18	WNW	15	
4	TS	05/08	0	-13.0	147.0	991	23	WNW	10	5	TS	05/12	3	-13.1	151.1	997	18	S	8	
5	STS	05/08	3	-12.5	148.5	987	26	NE	12	6	TS	05/13	0	-13.0	151.0	997	18	0	0	
6	TS	05/08	10	-13.0	148.0	991	23	SW	8	7	TD	05/13	22	-13.5	150.5	1000	15	SW	5	