

1990. Chronology

The 93 tropical cyclones were recorded in the World Ocean

1. Northwest Pacific Ocean — 29 TC

N	Number	Name	Lat	Long	Dates	Max Stage
1	9001	KORYN	7.5	151.7	01/12–01/17	STS
2	9002	LEWIS	9.0	150.0	04/29–05/04	TS
3	9003	MARIAN	9.5	117.5	05/15–05/20	T
4	9004	NATHAN	17.5	120.5	06/14–06/19	STS
5	9005	OFELIA	6.0	138.0	06/16–06/25	T
6	9006	PERCY	11.0	146.0	06/21–06/30	T
7	9007	ROBIN	13.5	132.0	07/06–07/11	TS
8	9008	STEVE	17.5	142.0	07/25–08/02	T
9	9009	TASHA	19.5	119.0	07/27–08/01	STS
10	9010	VERNON	17.0	133.0	07/28–08/09	T
11	9011	WINONA	29.5	133.0	08/06–08/11	STS
12	9012	JANCY	9.0	155.0	08/11–08/22	T
13	9014	ZOLA	17.0	141.0	08/16–08/23	T
14	9015	ABE	12.0	147.0	08/24–09/01	T
15	9016	BECKY	17.0	130.0	08/24–08/30	T
16	9017	DOT	16.5	143.5	09/03–09/09	T
17	9018	ED	19.0	147.8	09/10–09/20	T
18	9019	FLO	11.0	149.0	09/12–09/20	T
19	9020	GENE	16.5	132.5	09/23–09/30	T
20	9021	HATTIY	13.5	149.5	09/30–10/09	T
21	9022	IRA	12.5	115.0	10/02–10/03	TS
22	9023	KYLE	12.0	150.0	10/15–10/24	T
23	9024	LOLA	13.0	115.0	10/15–10/19	TS
24	9025	MIKE	6.5	146.5	11/07–11/18	T
25	9026	NELL	13.0	111.0	11/10–11/12	STS
26	9027	OWEN	8.5	169.0	11/20–12/02	T
27	9028	PAGE	8.0	149.0	11/20–11/30	T
28	9029	RUSS	5.0	171.1	12/14–12/24	T

No information about N 9013 is available.

2. Northeast Pacific Ocean — 21 TC

N	Number	Name	Lat	Long	Dates	Max Stage
1	9001	ALMA	10.5	-101.3	05/12–05/18	T
2	9002	BORIS	13.0	-103.0	06/03–06/08	T
3	9003	CRISTINA	11.9	-109.9	06/09–06/16	STS
4	9004	DOUGLAS	14.5	-102.1	06/19–06/23	STS
5	9005	ELIDA	14.5	-104.0	06/26–07/03	T
6	9006	FAUSTO	14.2	-103.0	07/06–07/12	T
7	9007	GENEVIEVE	14.0	-103.0	07/11–07/18	T
8	9008	HERNAN	12.2	-109.0	07/20–07/29	T
9	9009	ISELLE	10.0	-96.4	07/20–07/30	T
10	9010	AKA	10.5	-150.5	08/07–08/15	STS
11	9011	JULIO	13.0	-110.0	08/18–08/24	T
12	9012	KENNA	13.8	-111.3	08/21–08/30	T
13	9013	LOWEL	15.7	-102.7	08/24–09/01	T
14	9014	MARIE	13.0	-124.5	09/08–09/20	T
15	9015	NORBERT	12.9	-112.7	09/10–09/19	T

16	9016	ODILE	13.2	-110.4	09/23-10/02	T
17	9017	POLO	9.9	-137.7	09/28-10/01	T
18	9018	RACHEL	15.4	-110.0	09/30-10/03	STS
19	9019	SIMON	14.6	-110.4	10/09-10/14	STS
20	9020	TRUDY	12.8	-103.2	10/17-11/01	T
21	9021	VANCE	12.0	-99.9	10/22-10/31	T

3. North Atlantic Ocean — 14 TC

N	Number	Name	Lat	Long	Dates	Max Stage
1	9001	ARTHUR	9.5	-45.5	07/22-07/27	STS
2	9002	BERTHA	28.4	-76.0	07/24-08/02	T
3	9003	CESAR	15.0	-32.0	07/31-08/07	TS
4	9004	DIANA	17.0	-84.0	08/04-08/09	T
5	9005	EDOUARD	37.5	-33.5	08/02-08/13	TS
6	9006	FRAN	9.0	-34.2	08/11-08/14	TS
7	9007	GUSTAV	13.1	-46.9	08/24-09/03	T
8	9008	HORTENSE	12.2	-36.8	08/25-08/31	STS
9	9009	ISIDORE	9.7	-34.0	09/04-09/17	T
10	9010	JOSEPHINE	13.2	-33.4	09/21-10/06	T
11	9011	KLAUS	16.0	-59.0	10/03-10/09	T
12	9012	LILI	32.0	-47.0	10/06-10/15	T
13	9013	MARCO	24.5	-82.5	10/09-10/13	STS
14	9014	NANA	22.1	-62.3	10/16-10/21	T

4. North Indian Ocean — 4 TC

N	Number	Name	Lat	Long	Dates	Max Stage
1	9001	NO NAME	10.9	88.4	04/16-04/18	TS
2	9002	NO NAME	7.9	88.1	05/03-05/09	T
3	9003	NO NAME	21.0	87.5	10/07-10/08	STS
4	9004	NO NAME	6.2	86.3	12/13-12/18	T

5. South Indian Ocean — 16 TC

N	Number	Name	Lat	Long	Dates	Max Stage
1	9001	BAOMAVO	-10.0	89.0	01/01-01/08	T
2	9002	SAM	-13.0	124.0	01/12-01/19	STS
3	9003	ROZITA	-15.2	101.1	01/14-01/15	TS
4	9004	TINA	-16.0	116.0	01/23-01/29	TS
5	9005	CEZEKA	-10.6	58.3	01/31-02/09	T
6	9006	DETY	-11.0	71.0	02/02-02/08	T
7	9007	NO NAME	-18.6	52.5	02/20-02/21	TS
8	9008	VINCENT	-17.0	118.8	03/01-03/06	T
9	9009	EDISAONA	-13.5	68.0	03/01-03/07	T
10	9010	FELANA	-13.0	82.7	03/07-03/15	TS
11	9011	NO NAME	-16.2	94.0	03/04-03/07	TS
12	9012	GREGOARA	-13.6	96.2	03/12-03/24	T
13	9013	ALEX	-12.6	113.0	03/15-03/23	T
14	9014	BESSI	-8.7	89.5	04/12-04/16	TS
15	9015	HANTA	-12.0	46.0	04/12-04/14	TS
16	9016	IKONJO	-9.4	65.0	05/13-05/21	T

6. Southwest Pacific Ocean — 9 TC

N	Number	Name	Lat	Long	Dates	Max Stage
1	9001	NO NAME	-16.0	161.0	01/20-01/25	TS
2	9002	NANSI	-15.0	157.0	01/27-02/02	TS

3	9003	OFA	-10.0	-176.0	01/29-02/07	T
4	9004	PENNI	-15.0	-157.8	02/14-02/17	T
5	9005	HILDA	-20.0	150.8	03/05-03/07	STS
6	9006	IVOR	-17.4	159.3	03/16-03/22	T
7	9007	RAE	-16.0	174.2	03/21-03/24	STS
8	9008	SINA	-10.4	173.2	11/25-12/01	T
9	9009	DIZOY	-13.0	150.0	12/19-12/25	STS

1990. Evolution

1990. Northwest Pacific Ocean

1. TC = NWP9001 Name = KORYN All Points = 17

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/12	12	7.5	151.7	1006	15	NNW	10
2	TD	01/13	0	9.5	150.0	1002	15	NNW	15
3	TS	01/13	6	9.7	148.2	996	18	WNW	15
4	TS	01/13	12	11.4	146.7	996	21	NW	10
5	TS	01/14	3	13.1	145.7	985	23	NW	8
6	STS	01/14	6	14.5	145.5	980	26	N	10
7	STS	01/14	12	14.5	145.5	980	31	N	15
8	STS	01/14	18	14.9	145.8	975	31	N	1
9	STS	01/15	0	15.5	146.0	980	28	NNE	6
10	STS	01/15	6	16.1	146.1	980	28	NNE	7
11	STS	01/15	12	16.3	146.5	980	31	NNE	1
12	TS	01/15	18	17.1	146.2	980	23	N	8
13	TS	01/16	0	18.2	146.3	990	23	NNE	15
14	TS	01/16	6	19.4	146.4	990	23	NNE	15
15	TS	01/16	12	21.5	147.0	992	23	NNE	18
16	TS	01/16	18	22.7	148.4	996	21	NE	22
17	TD	01/17	6	26.5	153.5	998	15	NE	20

2. TC = NWP9002 Name = LEWIS All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	04/29	12	9.0	150.0	1005	15	NW	5
2	TD	04/30	12	11.7	151.3	1005	15	NW	6
3	TD	05/01	0	12.0	152.0	1004	15	NW	4
4	TD	05/01	12	13.0	152.0	1006	15	NE	8
5	TD	05/02	0	13.0	152.5	1004	15	NNE	3
6	TD	05/02	12	13.0	152.0	1002	13	NW	2
7	TS	05/02	18	13.5	152.0	998	18	N	5
8	TS	05/03	0	14.5	151.0	998	18	NW	8
9	TS	05/03	6	14.7	150.5	998	18	NNW	3
10	TS	05/03	12	14.9	150.3	998	18	NNW	2
11	TD	05/04	0	16.0	148.0	1000	15	NW	10

3. TC = NWP9003 Name = MARIAN All Points = 17

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	05/15	0	9.5	117.5	1000	15	NW	5
2	TS	05/15	12	10.0	116.5	996	21	NW	10
3	STS	05/16	0	11.3	114.4	985	26	NW	12

4	STS	05/16	6	12.3	113.7	980	28	NW	12
5	STS	05/16	12	12.9	112.9	975	31	NW	12
6	STS	05/16	18	13.9	112.4	975	31	WNW	12
7	T	05/17	6	16.0	112.5	970	33	N	8
8	T	05/17	12	17.2	112.7	965	36	N	12
9	T	05/17	18	18.2	113.0	965	36	N	12
10	T	05/18	0	18.9	114.0	965	36	NE	11
11	T	05/18	6	20.0	115.2	965	36	NE	15
12	T	05/18	12	21.1	116.7	970	33	NE	18
13	STS	05/18	18	21.8	118.7	985	28	NE	18
14	STS	05/19	0	22.7	119.9	985	28	NE	18
15	STS	05/19	6	24.5	122.4	990	26	ENE	20
16	TS	05/19	12	26.3	124.0	1000	23	ENE	20
17	TD	05/20	0	27.0	125.0	1004	15	NE	10

4. TC = NWP9004 Name = NATHAN All Points = 15

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/14	12	17.5	120.5	1004	15	W	1
2	TS	06/15	0	17.0	119.0	1000	18	SW	5
3	TS	06/15	12	18.0	115.5	1000	18	W	10
4	TS	06/16	0	17.0	112.5	996	21	WSW	10
5	TS	06/16	6	17.0	112.0	990	21	W	1
6	TS	06/16	18	17.2	111.8	985	23	0	0
7	TS	06/17	0	18.0	111.7	982	23	NW	3
8	STS	06/17	6	18.9	111.9	980	28	NE	5
9	STS	06/17	12	19.8	112.0	980	28	N	8
10	STS	06/17	18	19.7	111.5	980	28	NW	6
11	STS	06/18	0	20.6	110.6	985	26	WNW	6
12	TS	06/18	6	21.5	109.8	990	23	WNW	11
13	TS	06/18	12	21.9	108.3	994	18	NW	10
14	TS	06/19	0	22.5	104.5	1000	18	NW	10
15	TD	06/19	12	22.5	104.0	1004	15	W	1

5. TC = NWP9005 Name = OFELIA All Points = 31

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/16	12	6.0	138.0	1004	13	W	20
2	TD	06/17	12	9.0	134.0	998	15	WNW	15
3	TS	06/17	18	9.0	133.5	992	21	W	6
4	TS	06/18	0	9.3	132.5	990	21	WNW	10
5	TS	06/18	6	9.6	131.5	985	23	WNW	10
6	TS	06/18	12	9.8	130.3	990	23	W	10
7	TS	06/18	18	9.9	129.1	990	23	W	10
8	TS	06/19	0	9.7	129.5	990	23	W	7
9	TS	06/19	6	9.9	129.3	990	23	W	1
10	TS	06/19	12	10.0	129.5	990	23	WNW	1
11	TS	06/19	18	10.1	129.2	990	23	WNW	1
12	STS	06/20	0	10.5	128.6	985	28	NW	10
13	STS	06/20	6	11.2	128.2	980	28	NW	10

14	STS	06/20	12	12.2	127.6	980	28	NW	10
15	STS	06/20	18	13.2	127.0	975	31	NW	10
16	T	06/21	0	14.4	126.0	970	33	NW	15
17	T	06/21	6	16.7	124.8	970	33	NW	18
18	T	06/21	12	17.5	124.2	970	33	NW	15
19	T	06/21	18	18.3	123.5	970	33	NNW	7
20	STS	06/22	0	18.8	122.7	975	31	NW	10
21	T	06/22	6	19.8	121.9	970	33	NNW	13
22	T	06/22	12	20.2	121.5	970	33	NW	10
23	T	06/22	18	20.6	121.5	970	33	NW	1
24	T	06/23	0	22.3	121.5	970	33	NW	13
25	T	06/23	6	23.9	121.7	975	33	N	13
26	STS	06/23	18	26.1	120.9	980	31	N	10
27	TS	06/24	0	28.0	120.8	990	23	W	5
28	TS	06/24	6	29.7	120.8	990	23	N	17
29	L	06/24	12	31.9	120.2	994	21	N	17
30	L	06/24	18	32.5	120.1	995	21	NNW	17
31	L	06/25	0	32.5	121.0	998	15	NNW	17

6. TC = NWP9006 Name = PERCY All Points = 33

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/21	0	11.0	146.0	1004	15	W	10
2	TS	06/21	6	10.5	145.5	1000	23	WNW	1
3	TS	06/21	12	10.5	145.5	998	21	W	1
4	TS	06/21	18	10.0	144.5	992	23	WSW	7
5	TS	06/22	0	9.1	143.6	990	23	WSW	10
6	STS	06/22	6	7.8	143.3	988	26	SW	12
7	STS	06/22	12	7.3	143.2	985	26	SW	3
8	STS	06/22	18	7.2	142.7	985	26	W	5
9	STS	06/23	0	7.5	143.0	980	31	NW	3
10	STS	06/23	6	7.7	140.5	980	31	WNW	12
11	T	06/23	18	8.8	138.0	970	33	WNW	8
12	T	06/24	0	9.0	136.6	970	33	WNW	15
13	T	06/24	6	9.9	135.3	965	36	WNW	15
14	T	06/24	12	10.4	133.6	960	38	NW	17
15	T	06/24	18	11.3	132.3	955	38	WNW	17
16	T	06/25	0	11.8	131.2	950	41	WNW	12
17	T	06/25	6	12.3	130.0	950	41	WNW	12
18	T	06/25	12	13.0	129.1	950	41	NW	11
19	T	06/25	18	14.1	128.1	950	41	NW	14
20	T	06/26	0	14.7	126.9	950	41	NW	12
21	T	06/26	6	15.0	125.7	950	41	NNW	12
22	T	06/26	12	15.8	124.5	950	41	WNW	12
23	T	06/26	18	16.4	123.8	950	41	WNW	12
24	T	06/27	0	17.2	122.7	955	41	NW	10
25	T	06/27	6	17.8	121.5	965	36	NW	10
26	T	06/27	12	19.2	120.8	965	38	NW	15
27	T	06/27	18	19.8	119.7	965	36	WNW	12
28	T	06/28	0	20.1	119.0	960	38	WNW	9
29	T	06/28	6	21.0	118.6	960	38	NNW	7
30	T	06/28	12	21.7	118.2	960	38	NNW	8
31	T	06/29	0	23.0	117.6	965	36	NNW	8
32	STS	06/29	6	23.7	117.2	975	31	NNW	8
33	TD	06/30	0	24.0	117.0	990	15	NW	10

7. TC = NWP9007 Name = ROBIN All Points = 19

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/06	12	13.5	132.0	998	15	NW	5
2	TD	07/07	0	14.5	131.5	998	15	NW	5
3	TD	07/07	6	15.0	130.0	996	15	NW	7

4	TD	07/07	12	16.0	129.0	995	15	NW	8
5	TD	07/07	18	17.0	128.0	995	15	NW	9
6	TD	07/08	0	17.5	127.0	995	15	NW	10
7	TS	07/08	6	18.1	126.3	995	18	NW	12
8	TS	07/08	12	19.0	125.5	998	18	NW	12
9	TS	07/08	18	19.2	125.3	994	21	NW	8
10	TS	07/09	0	20.4	124.3	994	21	NW	8
11	TS	07/09	6	22.8	125.1	992	21	NW	13
12	TS	07/09	12	23.7	124.8	992	21	NW	10
13	TS	07/09	18	24.6	124.5	994	21	N	10
14	TS	07/10	0	26.1	124.0	994	21	N	10
15	TS	07/10	12	28.3	124.2	994	21	N	12
16	TS	07/10	18	29.0	124.3	996	21	N	11
17	TS	07/11	0	30.3	125.0	996	21	NNE	12
18	L	07/11	6	32.2	126.0	992	21	NNE	12
19	L	07/11	12	35.1	128.0	994	21	NNE	18

8. TC = NWP9008 Name = STEVE All Points = 30

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/25	0	17.5	142.0	1004	15	NE	3
2	TD	07/25	12	18.0	142.0	1002	15	NE	5
3	TD	07/26	0	19.2	143.5	1000	15	NE	10
4	TS	07/26	6	19.8	143.8	996	18	NE	8
5	TS	07/26	12	19.4	144.2	994	21	NE	3
6	TS	07/26	18	19.6	144.2	994	21	N	3
7	TS	07/27	0	19.9	144.6	990	23	NE	5
8	STS	07/27	6	20.4	145.0	980	28	NE	7
9	T	07/27	12	21.0	145.1	970	33	N	5
10	T	07/28	0	22.5	145.0	955	38	N	7
11	T	07/28	12	23.5	144.9	945	44	N	5
12	T	07/28	18	24.0	144.9	945	44	N	5
13	STS	07/29	0	24.6	144.7	945	31	N	5
14	T	07/29	6	25.6	144.8	945	44	N	8
15	T	07/29	12	25.2	145.3	950	41	SE	3
16	T	07/29	18	25.6	145.8	955	38	NE	10
17	T	07/30	0	26.8	146.5	965	36	NE	10
18	STS	07/30	6	26.7	147.0	970	31	NE	6
19	T	07/30	12	26.8	148.0	970	33	ENE	16
20	T	07/30	18	27.1	149.2	970	33	ENE	12
21	T	07/31	0	28.0	150.3	970	33	NE	12
22	T	07/31	6	29.1	152.3	970	33	NE	19
23	T	07/31	12	29.9	153.9	970	33	ENE	17
24	L	07/31	18	31.2	155.5	975	31	NE	22
25	L	08/01	0	32.9	156.9	980	26	NE	20
26	L	08/01	6	34.5	157.6	985	26	NNE	18
27	L	08/01	12	36.0	158.1	985	26	NNE	15
28	L	08/01	18	37.9	158.0	990	23	N	20
29	L	08/02	0	40.0	158.2	992	21	N	20
30	L	08/02	6	42.0	159.1	992	21	NNE	20

9. TC = NWP9009 Name = TASHA All Points = 16

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/27	0	19.5	119.0	1000	15	S	3
2	TD	07/27	12	18.5	119.0	1000	15	S	7
3	TS	07/28	0	18.4	118.4	996	23	W	3
4	TS	07/28	12	18.3	117.2	995	23	W	8
5	TS	07/28	18	18.4	117.0	990	23	W	3
6	STS	07/29	6	18.5	116.0	985	26	W	8
7	STS	07/29	12	18.6	116.1	985	26	0	0
8	TS	07/29	18	18.5	115.8	985	23	0	0

9	STS	07/30	0	19.1	115.8	985	26	N	5
10	STS	07/30	6	20.2	116.0	980	28	N	10
11	STS	07/30	12	21.5	116.0	980	28	N	10
12	STS	07/30	18	22.0	116.0	980	28	N	12
13	STS	07/31	0	23.6	115.1	988	26	NNW	15
14	TS	07/31	6	25.0	114.7	990	23	NNW	15
15	TS	07/31	12	25.5	114.0	996	18	NW	12
16	TD	08/01	0	26.0	114.5	1000	15	NW	8

10. TC = NWP9010 Name = VERNON All Points = 45

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/28	0	17.0	133.0	1000	15	NE	1
2	TD	07/28	12	17.5	136.0	1002	15	NE	5
3	TD	07/29	0	17.5	136.0	1002	15	NE	8
4	TS	07/29	6	18.1	136.5	998	18	NE	8
5	TS	07/29	12	18.9	137.2	998	18	NE	10
6	TS	07/30	0	19.1	137.0	990	23	NE	1
7	STS	07/30	6	19.3	137.2	985	26	NE	1
8	TS	07/30	12	19.9	137.5	980	23	NE	1
9	STS	07/30	18	20.0	137.8	980	28	NE	1
10	STS	07/31	0	20.5	138.5	975	31	NE	6
11	T	07/31	6	21.2	138.8	965	36	NNE	8
12	T	07/31	12	22.9	139.1	960	36	NNE	8
13	T	07/31	18	22.8	139.1	960	41	N	11
14	T	08/01	0	23.8	139.2	955	38	N	10
15	T	08/01	6	24.7	139.2	950	38	N	10
16	T	08/01	12	25.7	139.5	955	38	NNE	10
17	T	08/01	18	27.0	139.5	960	41	N	12
18	T	08/02	0	27.4	139.2	965	36	N	9
19	T	08/02	6	28.4	139.3	970	33	N	10
20	T	08/02	12	29.1	139.1	970	33	N	8
21	T	08/02	18	29.9	139.6	970	33	N	8
22	T	08/03	0	31.0	139.7	970	33	N	10
23	T	08/03	6	31.0	139.9	965	33	N	8
24	T	08/03	12	32.0	140.1	960	36	NNE	1
25	T	08/03	18	32.5	140.2	965	36	N	1
26	T	08/04	0	32.7	140.5	965	36	N	1
27	T	08/04	6	33.0	140.8	970	33	NNE	1
28	STS	08/04	12	33.2	141.5	975	31	NNE	1
29	STS	08/04	18	33.4	142.2	980	28	ENE	7
30	STS	08/05	0	33.6	142.8	980	28	ENE	6
31	STS	08/05	6	33.7	143.8	980	28	E	6
32	STS	08/05	12	33.8	143.7	985	28	E	2
33	STS	08/05	18	33.8	144.0	985	26	E	2
34	STS	08/06	0	33.8	144.5	985	26	E	3
35	STS	08/06	6	33.2	145.0	985	26	SE	5
36	STS	08/06	12	33.8	145.6	985	26	NE	3
37	STS	08/06	18	34.0	145.9	985	26	ENE	1
38	L	08/07	0	34.7	146.5	985	26	NNE	7
39	L	08/07	6	35.6	146.9	988	26	NNE	10
40	L	08/07	12	35.8	147.1	990	23	NE	7
41	L	08/07	18	36.9	148.0	990	23	NE	7
42	L	08/08	0	37.0	149.0	990	23	NE	15
43	L	08/08	6	37.7	151.0	990	23	ENE	18
44	L	08/08	12	38.0	153.8	992	23	E	22
45	L	08/09	0	39.0	159.0	990	21	E	22

11. TC = NWP9011 Name = WINONA All Points = 17

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/06	12	29.5	133.0	999	15	E	8

2	TD	08/07	0	27.0	134.3	995	15	ESE	12
3	TD	08/07	12	27.5	136.5	995	15	ESE	12
4	STS	08/08	0	26.0	136.5	985	26	S	10
5	STS	08/08	6	26.6	137.5	985	26	NE	10
6	STS	08/08	12	27.8	137.5	985	26	NNE	11
7	STS	08/09	0	29.4	137.8	985	26	N	9
8	STS	08/09	3	30.1	137.4	990	26	N	9
9	STS	08/09	6	30.7	137.8	980	28	N	12
10	L	08/09	12	32.3	137.3	975	31	N	15
11	L	08/10	0	34.8	138.4	975	28	NE	14
12	L	08/10	3	35.8	139.0	980	26	NE	14
13	L	08/10	6	36.5	139.6	988	26	NNE	13
14	L	08/10	12	38.5	141.0	992	26	NNE	22
15	L	08/10	18	40.1	142.5	992	26	NE	14
16	L	08/11	0	41.8	144.8	992	23	NNE	23
17	L	08/11	6	44.3	146.1	992	21	NE	25

12. TC = NWP9012 Name = JANCY All Points = 36

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/11	0	9.0	155.0	1004	15	W	10
2	TD	08/11	12	10.0	152.0	1002	15	W	10
3	TD	08/12	0	12.0	151.0	1002	15	NW	10
4	TD	08/12	12	12.5	149.5	1002	15	W	10
5	TS	08/13	12	19.0	147.0	996	18	NW	10
6	TS	08/14	0	19.0	144.0	996	18	W	15
7	TS	08/14	6	18.5	141.0	992	21	W	15
8	TS	08/14	12	18.2	139.5	992	21	W	15
9	TS	08/14	18	18.4	137.2	990	21	W	15
10	TS	08/15	0	18.2	135.4	985	23	W	17
11	STS	08/15	6	18.2	134.4	985	26	W	12
12	STS	08/15	12	18.5	133.4	985	26	WNW	8
13	STS	08/15	18	18.8	132.6	980	28	W	10
14	STS	08/16	0	19.6	131.8	980	28	W	10
15	STS	08/16	6	19.7	130.8	980	28	W	10
16	STS	08/16	12	19.6	130.1	980	28	W	10
17	STS	08/16	18	20.0	127.5	975	31	W	12
18	STS	08/17	0	20.3	126.7	975	31	WNW	10
19	T	08/17	12	21.3	126.1	970	36	WNW	9
20	T	08/17	18	21.4	125.1	960	36	WNW	7
21	T	08/18	0	21.7	124.7	965	36	WNW	8
22	T	08/18	6	22.2	124.5	960	36	NNW	1
23	T	08/18	12	22.5	124.1	960	36	NNW	1
24	T	08/18	18	24.0	123.7	950	41	NNW	10
25	T	08/19	0	24.5	123.0	950	41	NNW	10
26	T	08/19	6	24.7	120.9	955	38	W	13
27	T	08/19	12	24.8	120.7	970	36	W	2
28	STS	08/19	18	25.4	120.2	970	31	NW	3
29	STS	08/20	0	25.6	119.8	975	26	NW	3
30	STS	08/20	6	25.4	118.8	980	26	W	1
31	STS	08/20	12	25.2	118.3	980	26	W	3
32	TS	08/20	18	25.0	118.1	985	23	SW	2
33	TS	08/21	0	25.0	118.5	985	21	W	2
34	TD	08/21	6	25.0	118.0	988	15	W	3
35	TD	08/22	0	25.0	118.0	988	15	0	0
36	TD	08/22	6	24.6	118.5	988	15	SE	3

13. TC = NWP9014 Name = ZOLA All Points = 23

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/16	12	17.0	141.0	1002	15	NNW	10
2	TD	08/17	0	17.0	147.0	1000	15	NNW	10

3	TD	08/17	12	18.0	143.0	994	15	NW	8
4	TS	08/18	0	18.6	144.8	992	23	WNW	8
5	STS	08/18	6	20.0	144.5	980	26	N	12
6	STS	08/18	12	20.8	144.9	985	26	NNE	10
7	STS	08/18	18	21.3	145.0	985	26	N	4
8	STS	08/19	0	21.8	145.3	985	26	N	7
9	STS	08/19	6	22.5	144.3	980	28	NW	8
10	STS	08/19	12	22.5	143.8	980	28	WNW	1
11	STS	08/20	0	23.0	141.9	975	31	WNW	8
12	T	08/20	6	23.7	140.7	970	33	WNW	10
13	T	08/20	12	24.6	139.7	965	36	NW	13
14	T	08/20	18	25.3	138.2	965	36	NW	13
15	T	08/21	0	26.8	136.6	965	36	NW	18
16	T	08/21	6	28.0	134.0	960	38	NW	20
17	T	08/21	12	29.7	133.0	965	38	NW	18
18	T	08/21	18	30.7	132.7	960	38	N	18
19	L	08/22	0	32.8	132.7	970	38	N	18
20	L	08/22	6	35.5	132.7	975	31	N	22
21	L	08/22	12	38.8	134.0	985	26	NNE	30
22	L	08/22	18	41.5	137.0	990	21	NE	30
23	L	08/23	0	42.5	143.0	998	18	ENE	30

14. TC = NWP9015 Name = ABE All Points = 31

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/24	0	12.0	147.0	1006	15	W	3
2	TD	08/24	6	12.0	146.0	1004	15	W	5
3	TD	08/24	12	12.5	143.5	1002	15	W	6
4	TS	08/25	0	12.8	143.0	996	23	W	6
5	STS	08/25	6	14.0	142.5	990	26	NW	6
6	TS	08/25	12	14.5	143.0	994	18	NW	6
7	TS	08/26	0	14.5	142.3	992	21	W	6
8	TS	08/26	6	14.4	141.4	990	23	N	8
9	TS	08/26	12	16.9	140.7	990	23	WNW	8
10	TS	08/26	18	15.2	140.3	990	23	WNW	8
11	TS	08/27	0	16.5	140.0	990	23	N	10
12	STS	08/27	12	20.4	138.7	985	26	NW	10
13	STS	08/27	18	21.4	137.0	980	28	NW	20
14	STS	08/28	0	21.9	135.5	978	28	WNW	13
15	STS	08/28	6	21.7	133.6	975	31	WNW	15
16	STS	08/28	12	22.3	132.6	975	31	WNW	15
17	STS	08/28	18	23.1	130.6	975	31	WNW	15
18	T	08/29	0	23.6	129.0	965	36	WNW	15
19	T	08/29	6	24.0	127.6	965	36	WNW	14
20	T	08/29	12	24.5	126.3	965	36	WNW	12
21	T	08/29	18	24.7	125.3	955	38	WNW	12
22	T	08/30	0	25.2	124.6	955	38	WNW	11
23	T	08/30	6	25.8	123.8	955	38	NW	10
24	T	08/30	12	26.5	122.7	955	38	NW	10
25	T	08/30	18	27.1	122.3	960	38	NW	8
26	T	08/31	0	28.4	121.9	970	33	NNW	13
27	STS	08/31	6	29.5	120.9	980	31	NW	14
28	STS	08/31	12	30.0	120.5	980	31	NW	7
29	TS	09/01	0	31.4	120.6	990	23	NNW	8
30	L	09/01	6	32.8	121.8	992	21	NNW	12
31	L	09/01	12	35.0	119.0	996	18	NNW	10

15. TC = NWP9016 Name = BECKY All Points = 20

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/24	6	17.0	130.0	1006	15	W	3
2	TD	08/24	12	17.5	129.0	1000	15	W	8

3	TS	08/25	0	18.0	128.0	996	18	NW	6
4	TS	08/25	6	19.0	127.5	996	23	NW	12
5	TS	08/25	12	19.2	126.6	990	23	NW	10
6	TS	08/26	0	18.8	123.0	990	21	W	12
7	STS	08/26	6	18.8	122.1	980	28	W	12
8	STS	08/26	12	18.9	121.0	985	26	W	11
9	STS	08/26	18	18.0	120.0	985	26	W	11
10	STS	08/27	0	18.0	119.0	980	28	W	10
11	STS	08/27	12	17.8	116.4	975	31	NW	10
12	T	08/27	18	17.7	115.0	970	33	W	15
13	T	08/28	0	17.5	113.7	965	36	W	12
14	T	08/28	6	18.5	112.5	965	36	W	12
15	T	08/28	12	17.6	111.5	965	36	W	10
16	T	08/28	18	17.7	110.1	965	36	W	10
17	T	08/29	0	17.8	108.5	970	33	W	14
18	T	08/29	6	17.8	107.7	970	33	W	9
19	STS	08/29	12	17.6	106.6	975	31	W	10
20	TD	08/30	0	18.0	103.5	996	15	W	15

16. TC = NWP9017 Name = DOT All Points = 21

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/03	0	16.5	143.5	1004	15	W	5
2	TD	09/03	12	17.0	142.0	1004	15	WNW	6
3	TD	09/04	0	15.5	139.5	1000	15	SW	15
4	TS	09/04	12	14.5	137.8	995	21	SW	10
5	TS	09/05	0	15.8	136.2	990	23	WNW	10
6	STS	09/05	6	16.7	134.3	985	26	WNW	15
7	STS	09/05	12	18.0	132.4	985	28	NW	18
8	STS	09/05	18	18.2	131.1	980	31	WNW	18
9	T	09/06	0	18.7	129.9	970	33	WNW	18
10	T	09/06	6	19.8	128.5	965	36	WNW	16
11	T	09/06	12	20.3	126.7	960	38	WNW	16
12	T	09/06	18	20.9	125.4	960	38	WNW	15
13	T	09/07	0	21.8	124.1	960	38	NW	15
14	T	09/07	6	22.1	123.0	960	38	WNW	10
15	T	09/07	12	23.0	121.9	970	33	NW	13
16	STS	09/07	18	24.0	119.9	975	31	WNW	16
17	STS	09/08	0	23.5	119.0	980	31	WNW	12
18	STS	09/08	6	24.2	118.8	980	28	NW	8
19	TS	09/08	12	24.4	116.7	990	21	NW	12
20	TS	09/09	0	24.5	115.5	995	18	N	10
21	TD	09/09	6	24.5	115.3	1000	15	N	1

17. TC = NWP9018 Name = ED All Points = 37

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/10	0	19.0	147.8	1002	13	WNW	10
2	TD	09/10	6	19.0	146.5	1002	13	W	10
3	TS	09/10	12	19.3	144.8	1000	18	W	10
4	TS	09/11	0	19.5	142.5	998	21	W	12
5	TS	09/11	6	19.6	140.5	998	21	W	12
6	TS	09/11	12	19.7	138.4	998	18	W	18
7	TS	09/11	18	19.7	137.5	998	18	W	15
8	TS	09/12	0	19.7	136.5	998	18	W	12
9	TS	09/12	6	19.7	136.0	992	21	W	12
10	TS	09/12	18	20.3	133.5	990	23	W	15
11	TS	09/13	0	19.9	131.7	990	23	W	13
12	STS	09/13	6	19.4	130.0	985	26	W	15
13	STS	09/13	12	19.3	128.6	985	26	W	14
14	STS	09/13	18	19.5	126.9	985	26	W	14
15	STS	09/14	0	19.3	125.7	980	28	W	15

16	T	09/14	6	19.8	123.4	970	33	W	15
17	T	09/14	12	19.1	121.8	970	33	W	14
18	T	09/15	0	18.0	119.0	970	33	WSW	15
19	T	09/15	6	17.7	118.0	970	33	WSW	11
20	T	09/15	12	17.6	117.1	970	33	W	10
21	T	09/15	18	17.0	116.0	970	33	WSW	10
22	T	09/16	0	16.7	115.0	965	36	WSW	10
23	T	09/16	6	16.8	114.2	965	36	W	8
24	T	09/16	12	16.2	113.6	965	36	W	8
25	T	09/17	0	16.1	112.4	965	36	W	1
26	T	09/17	6	16.8	112.0	965	36	W	1
27	T	09/17	12	16.1	111.0	965	36	W	7
28	T	09/17	18	16.2	110.4	965	36	W	6
29	T	09/18	0	16.2	109.8	965	36	W	6
30	T	09/18	6	16.6	108.6	965	33	WNW	8
31	STS	09/18	12	16.8	108.2	975	31	NNW	7
32	STS	09/18	18	16.8	107.6	980	28	WNW	10
33	STS	09/19	0	17.0	107.2	985	26	NW	1
34	TS	09/19	6	17.3	107.0	992	21	NW	1
35	STS	09/19	12	18.3	106.8	996	26	NNW	1
36	TS	09/19	18	18.5	106.7	998	18	NW	6
37	TD	09/20	0	19.5	106.0	1000	15	NW	5

18. TC = NWP9019 Name = FLO All Points = 30

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/12	0	11.0	149.0	1004	15	W	3
2	TS	09/12	12	11.6	148.3	1002	18	NW	10
3	TS	09/13	0	14.8	144.5	1000	18	NW	13
4	TS	09/13	6	15.3	143.5	996	21	NW	13
5	TS	09/13	12	16.4	142.9	996	21	WNW	13
6	TS	09/13	18	16.5	141.4	994	21	NW	13
7	TS	09/14	0	17.3	140.5	990	23	NW	13
8	STS	09/14	6	18.2	139.2	985	26	NW	13
9	STS	09/14	12	18.3	138.1	980	28	NW	13
10	T	09/15	0	20.2	135.5	970	33	WNW	12
11	T	09/15	6	21.0	134.6	965	36	NW	12
12	T	09/15	12	21.7	133.4	965	36	NW	12
13	T	09/15	18	22.3	132.4	960	33	NW	12
14	T	09/16	0	22.7	131.5	955	38	WNW	10
15	T	09/16	6	23.3	130.7	940	44	NW	9
16	T	09/16	12	23.7	129.9	925	49	WNW	8
17	T	09/17	0	24.9	129.1	925	49	NNW	7
18	T	09/17	6	25.3	129.0	915	49	NNW	7
19	T	09/17	12	26.2	128.9	910	54	N	9
20	T	09/17	18	26.7	129.1	910	54	NNE	3
21	T	09/18	0	27.7	129.7	915	51	NNE	1
22	T	09/18	6	28.5	130.1	920	54	NNE	10
23	T	09/18	12	29.4	131.0	930	49	NE	12
24	T	09/18	18	30.2	131.4	930	46	NE	11
25	T	09/19	0	31.2	132.8	940	44	NE	11
26	L	09/19	6	32.8	133.8	940	44	NE	15
27	L	09/19	12	33.8	135.5	960	41	NE	21
28	L	09/19	18	39.0	141.0	975	31	NE	23
29	L	09/20	0	39.0	141.0	984	28	NE	18
30	L	09/20	6	40.0	145.0	985	28	ENE	22

19. TC = NWP9020 Name = GENE All Points = 25

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/23	12	16.5	132.5	1004	15	NW	5
2	TS	09/24	0	17.9	131.5	1000	18	NW	8

3	TS	09/24	6	18.0	130.8	998	18	NW	10
4	TS	09/24	12	19.3	129.6	996	21	NW	10
5	STS	09/25	0	20.3	127.5	985	28	NW	9
6	STS	09/25	6	20.6	127.3	980	28	NW	2
7	STS	09/25	12	21.5	126.9	975	31	NNW	9
8	T	09/25	18	22.8	126.5	970	33	NNW	10
9	T	09/26	0	22.9	126.5	965	36	N	7
10	T	09/26	6	23.7	126.4	960	38	N	8
11	T	09/26	12	24.1	126.7	960	38	N	6
12	T	09/26	18	24.7	126.2	960	38	NNW	7
13	T	09/27	0	25.4	126.8	960	38	N	8
14	T	09/27	6	26.1	126.9	965	36	NNE	6
15	T	09/27	18	27.3	126.2	965	36	NNE	7
16	T	09/28	0	27.8	126.5	965	36	NNE	6
17	T	09/28	6	28.7	127.0	960	36	NNE	9
18	T	09/28	12	29.1	127.7	950	41	NNE	8
19	T	09/28	18	29.7	128.4	955	41	NE	8
20	T	09/29	0	30.4	129.8	970	36	NE	12
21	L	09/29	6	31.1	130.9	970	33	NE	16
22	L	09/29	12	31.8	132.2	970	33	NE	15
23	L	09/29	18	32.7	133.5	970	31	NE	18
24	L	09/30	0	33.6	135.2	975	31	NE	18
25	L	09/30	6	34.6	137.8	990	26	NE	20

20. TC = NWP9021 Name = HATTIY All Points = 29

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/30	12	13.5	149.5	1002	15	W	5
2	TD	10/01	0	13.8	148.3	1000	15	W	6
3	TD	10/01	6	14.3	148.0	1000	15	NW	3
4	TS	10/01	12	15.8	147.7	1000	18	NW	10
5	TS	10/01	18	16.8	146.3	996	21	WNW	12
6	TS	10/02	0	17.0	144.5	992	23	WNW	12
7	TS	10/02	6	17.1	143.0	990	23	W	15
8	STS	10/02	12	17.6	142.0	990	28	WNW	12
9	T	10/03	0	18.7	138.7	968	36	WNW	12
10	T	10/03	6	19.7	138.4	965	36	WNW	14
11	T	10/03	12	20.4	135.8	960	36	WNW	18
12	T	10/03	18	21.2	133.6	955	41	WNW	22
13	T	10/04	0	22.0	132.4	955	38	WNW	15
14	T	10/04	6	23.0	130.9	955	38	NW	15
15	T	10/04	12	23.6	130.2	955	38	NW	9
16	T	10/05	0	24.8	128.3	950	41	NNW	10
17	T	10/05	6	25.0	127.6	955	38	WNW	8
18	T	10/05	12	25.8	127.2	960	41	NW	10
19	T	10/05	18	26.8	127.0	950	41	N	12
20	T	10/06	0	27.5	127.5	950	41	N	7
21	T	10/06	6	28.1	127.2	950	41	N	6
22	T	10/06	12	28.7	127.7	955	38	NE	8
23	STS	10/07	0	29.4	128.2	975	31	NE	1
24	STS	10/07	6	29.6	128.4	980	28	ENE	8
25	STS	10/07	12	30.2	129.8	980	28	NE	8
26	L	10/08	0	33.3	134.3	985	26	NE	27
27	L	10/08	6	34.9	138.0	988	21	NE	35
28	L	10/08	12	38.4	142.2	995	31	NE	35
29	L	10/09	0	41.0	153.0	996	21	ENE	50

21. TC = NWP9022 Name = IRA All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/02	0	12.5	115.0	1002	15	W	5
2	TS	10/02	6	13.4	113.8	998	18	WNW	8

3	TS	10/02	12	13.2	112.0	998	18	WNW	8
4	TS	10/03	0	14.5	109.6	996	18	W	10
5	TS	10/03	6	13.9	108.5	1000	18	W	5
6	TD	10/03	12	14.0	108.0	1004	15	W	3

22. TC = NWP9023 Name = KYLE All Points = 24

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/15	0	12.0	150.0	1008	15	W	8
2	TD	10/15	12	13.0	148.5	1007	15	NW	10
3	TD	10/16	0	15.2	147.5	1004	15	WNW	10
4	TS	10/16	12	14.9	146.5	998	18	WNW	1
5	TS	10/17	0	15.0	147.0	998	18	0	0
6	TS	10/17	6	15.8	146.2	996	21	NW	1
7	TS	10/17	12	17.0	145.5	990	23	NW	6
8	STS	10/17	18	17.4	145.4	988	26	NW	8
9	STS	10/18	0	17.6	145.0	985	26	NW	1
10	STS	10/18	6	18.1	144.7	985	26	NNW	6
11	STS	10/18	12	18.6	144.6	985	26	NNW	6
12	STS	10/18	18	19.4	144.0	985	26	NNW	7
13	STS	10/19	0	19.8	143.8	985	26	NNW	1
14	STS	10/19	6	20.1	143.3	980	28	NNW	1
15	STS	10/19	12	20.9	142.6	975	28	NNW	8
16	T	10/20	0	21.9	142.1	970	33	N	6
17	T	10/20	6	22.5	142.1	965	36	N	6
18	T	10/20	12	23.0	142.5	960	36	SSW	5
19	T	10/20	18	24.1	143.3	960	36	NE	13
20	T	10/21	6	26.3	144.4	960	36	NE	15
21	T	10/21	12	27.8	147.0	960	36	NE	18
22	L	10/22	0	32.4	150.5	970	33	NE	25
23	L	10/22	6	34.0	152.4	975	26	NE	25
24	L	10/24	0	41.5	167.0	990	21	NE	25

23. TC = NWP9024 Name = LOLA All Points = 12

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/15	12	13.0	115.0	1006	15	W	3
2	TD	10/16	0	15.0	115.0	1006	15	N	6
3	TD	10/16	12	14.0	115.0	1004	15	S	5
4	TD	10/17	0	14.7	115.6	1002	15	NE	3
5	TS	10/17	6	14.1	112.4	996	18	WSW	10
6	TS	10/17	12	14.0	111.8	994	21	W	5
7	TS	10/17	18	13.8	111.0	992	23	W	5
8	TS	10/18	0	14.0	109.5	994	23	W	8
9	TS	10/18	6	13.5	108.9	994	23	SW	5
10	TS	10/18	12	13.5	107.5	996	18	W	8
11	TS	10/18	18	14.0	105.8	998	18	WNW	10
12	TD	10/19	0	15.0	105.0	1004	15	NW	3

24. TC = NWP9025 Name = MIKE All Points = 39

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/07	12	6.5	146.5	1002	13	W	12
2	TS	11/08	0	7.5	148.5	996	18	W	10
3	TS	11/08	6	7.9	142.8	992	23	W	13
4	TS	11/08	12	8.4	141.7	990	23	NW	12
5	STS	11/09	0	8.9	139.9	975	31	NW	15
6	T	11/09	6	8.8	138.7	970	33	W	11
7	T	11/09	12	8.9	137.5	965	36	W	11
8	T	11/10	0	8.5	136.0	965	38	W	8
9	T	11/10	6	8.5	135.5	955	38	W	8
10	T	11/10	12	7.9	134.8	945	44	W	6
11	T	11/10	18	7.9	134.2	945	44	W	7

12	T	11/11	0	8.6	133.7	915	51	W	1
13	T	11/11	6	8.3	132.8	915	51	W	7
14	T	11/11	12	8.8	131.6	915	51	W	10
15	T	11/11	18	9.1	130.6	920	51	WNW	10
16	T	11/12	0	9.4	129.3	925	49	WNW	12
17	T	11/12	6	9.6	128.2	925	49	WNW	12
18	T	11/12	12	10.2	126.6	925	49	WNW	12
19	T	11/12	18	10.6	124.6	930	49	WNW	16
20	T	11/13	0	10.5	123.2	945	44	W	16
21	T	11/13	6	10.8	121.5	950	41	W	17
22	T	11/13	12	13.5	113.7	955	38	WNW	17
23	T	11/13	18	13.6	112.5	960	38	WNW	15
24	T	11/14	0	14.0	112.0	960	38	WNW	10
25	T	11/14	6	14.2	111.0	960	38	WNW	10
26	T	11/14	12	14.1	111.5	960	38	WNW	10
27	T	11/15	0	14.0	112.0	960	38	WNW	10
28	T	11/15	6	14.2	111.0	960	38	WNW	10
29	T	11/15	12	14.8	110.5	970	36	WNW	15
30	T	11/15	18	15.2	109.9	965	36	WNW	12
31	T	11/16	0	16.7	109.4	970	33	NW	8
32	STS	11/16	6	16.6	109.5	975	28	NNW	10
33	STS	11/16	12	17.3	109.6	980	28	NNW	1
34	TS	11/16	18	17.9	109.3	980	23	NW	8
35	TS	11/17	0	19.5	108.5	994	21	WNW	14
36	TS	11/17	6	19.9	108.1	996	21	WNW	8
37	TS	11/17	12	20.2	108.6	1000	18	0	0
38	TD	11/18	0	21.0	107.9	1002	15	NW	3
39	TD	11/18	6	21.5	107.3	1004	13	NW	3

25. TC = NWP9026 Name = NELL All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/10	12	13.0	111.0	1004	15	W	8
2	TS	11/11	0	12.8	112.3	998	18	W	1
3	TS	11/11	6	12.6	111.6	992	21	W	7
4	STS	11/11	12	12.8	112.0	990	26	W	1
5	STS	11/11	18	12.6	110.9	990	26	W	10
6	TS	11/12	0	12.5	110.3	992	23	W	5
7	TD	11/12	6	12.5	108.0	1000	13	W	10

26. TC = NWP9027 Name = OWEN All Points = 45

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/20	12	8.5	169.0	1004	15	W	3
2	TD	11/21	0	9.0	167.5	1004	15	WNW	15
3	TS	11/21	6	10.0	167.0	996	18	NW	6
4	TS	11/21	12	10.2	165.8	992	23	W	10
5	STS	11/21	18	10.2	164.8	985	26	W	10
6	T	11/22	0	10.2	163.9	970	44	W	10
7	T	11/22	6	10.1	162.5	965	46	W	10
8	T	11/22	12	9.9	162.5	960	41	W	10
9	T	11/22	18	9.5	162.1	955	38	WSW	8
10	T	11/23	0	9.0	161.8	950	41	WSW	6
11	T	11/23	12	8.8	161.2	935	46	W	2
12	T	11/24	0	8.7	160.6	935	46	W	3
13	T	11/24	6	8.9	160.0	940	46	W	3
14	T	11/24	12	8.9	160.0	950	41	0	0
15	T	11/24	18	9.2	159.8	960	38	NW	2
16	T	11/25	0	9.3	159.0	965	36	W	3
17	T	11/25	6	9.0	158.2	960	36	W	5
18	T	11/25	12	9.0	157.5	965	41	W	6
19	T	11/25	18	9.1	156.8	965	36	W	8

20	T	11/26	0	8.5	155.7	950	38	W	6
21	T	11/26	12	8.4	155.0	960	41	W	7
22	T	11/26	18	8.2	154.2	955	41	W	7
23	T	11/27	0	8.3	153.4	930	49	W	7
24	T	11/27	6	8.3	152.1	925	49	W	11
25	T	11/27	12	8.2	150.8	930	57	WNW	11
26	T	11/27	18	9.1	149.1	930	46	W	8
27	T	11/28	0	7.9	148.0	935	46	W	14
28	T	11/28	6	7.8	146.7	940	44	W	13
29	T	11/28	12	7.5	145.2	940	44	W	12
30	T	11/28	18	7.7	144.5	940	44	W	15
31	T	11/29	0	8.2	143.3	945	44	WNW	13
32	T	11/29	6	8.9	141.6	945	44	WNW	19
33	T	11/29	12	9.2	140.7	945	44	WNW	12
34	T	11/29	18	9.7	139.6	950	41	WNW	11
35	T	11/30	0	11.4	139.7	970	33	NW	12
36	T	11/30	6	11.9	140.0	980	33	NW	8
37	STS	11/30	12	12.3	139.9	985	26	N	7
38	TS	11/30	18	13.3	139.2	990	23	NNW	10
39	TS	12/01	0	13.6	138.6	996	21	NW	8
40	TS	12/01	6	13.8	138.0	998	18	NW	1
41	TS	12/01	18	14.3	136.9	998	18	WNW	1
42	TS	12/02	0	14.2	135.9	998	21	W	6
43	TS	12/02	6	14.9	135.0	998	21	NW	8
44	TS	12/02	12	13.9	135.0	1000	18	0	0
45	TD	12/02	18	14.0	135.0	1002	15	0	0
27. TC = NWP9028 Name = PAGE All Points = 38									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/20	0	8.0	149.0	1004	15	W	3
2	TS	11/20	12	8.0	148.5	1002	18	W	3
3	TS	11/21	0	8.0	147.5	1002	18	W	8
4	TS	11/21	6	8.5	146.0	1002	18	W	10
5	TS	11/21	12	9.0	145.0	1002	18	NW	10
6	TS	11/22	0	10.8	143.6	1000	18	WNW	8
7	TS	11/22	6	10.5	143.0	998	18	WNW	5
8	TS	11/22	12	11.5	141.4	990	21	NW	10
9	TS	11/22	18	11.5	142.0	992	23	E	6
10	STS	11/23	0	11.5	140.8	990	26	W	8
11	STS	11/23	12	12.4	140.0	985	28	NW	8
12	STS	11/24	0	11.9	138.2	975	31	W	6
13	STS	11/24	6	11.9	137.5	975	31	W	7
14	T	11/24	12	11.9	136.5	965	46	W	9
15	T	11/24	18	12.1	135.1	965	41	W	10
16	T	11/25	0	11.9	134.3	960	38	W	7
17	T	11/25	6	11.8	133.4	955	38	W	9
18	T	11/25	12	12.0	132.6	955	46	W	13
19	T	11/25	18	12.2	131.7	935	46	W	10
20	T	11/26	0	12.4	130.4	935	49	W	10
21	T	11/26	6	12.4	130.0	940	51	NW	7
22	T	11/26	12	13.1	129.4	930	57	NW	10
23	T	11/26	18	13.8	128.4	915	62	WNW	10
24	T	11/27	0	14.1	127.4	910	54	NW	10
25	T	11/27	6	15.5	126.7	910	54	NNW	10
26	T	11/27	12	16.4	126.7	910	68	NW	10
27	T	11/27	18	17.3	125.9	915	51	W	6
28	T	11/28	0	18.4	126.1	920	46	W	11
29	T	11/28	6	19.5	126.7	935	46	W	12
30	T	11/28	12	20.7	127.2	940	46	NNE	15
31	T	11/28	18	22.6	128.5	950	41	NNE	27

32	T	11/29	0	24.3	130.3	970	33	NE	22
33	T	11/29	6	25.4	130.8	965	33	NE	20
34	T	11/29	12	27.8	132.7	970	33	NE	20
35	STS	11/29	18	29.7	133.9	975	31	NNE	22
36	L	11/30	0	31.7	136.0	980	31	NNE	22
37	L	11/30	6	33.6	136.8	975	28	NNE	22
38	L	11/30	12	36.0	137.0	984	28	NNE	20
28. TC = NWP9029 Name = RUSS All Points = 36									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	12/14	12	5.0	171.1	1002	15	W	3
2	TS	12/14	18	5.0	168.3	998	18	W	15
3	TS	12/15	0	5.2	167.5	996	21	W	11
4	TS	12/15	6	6.4	166.9	994	21	W	12
5	TS	12/15	12	6.5	164.8	992	23	WNW	17
6	TS	12/15	18	6.8	162.9	990	23	W	12
7	STS	12/16	0	7.2	161.8	980	26	WNW	14
8	STS	12/16	6	7.6	160.6	980	28	WNW	13
9	STS	12/16	12	7.8	159.7	975	31	WNW	10
10	T	12/16	18	8.2	158.9	970	33	WNW	10
11	T	12/17	0	8.9	158.1	960	38	WNW	8
12	T	12/17	6	9.8	157.3	955	38	WNW	10
13	T	12/17	18	10.0	155.5	950	41	WNW	8
14	T	12/18	0	10.2	154.3	950	41	W	10
15	T	12/18	6	10.4	152.9	940	44	W	12
16	T	12/18	12	10.6	151.9	925	46	W	10
17	T	12/18	18	10.9	150.9	920	51	W	10
18	T	12/19	0	11.0	150.5	920	51	W	10
19	T	12/19	6	11.1	149.6	920	49	W	8
20	T	12/19	12	11.5	148.8	920	51	W	13
21	T	12/19	18	11.6	148.4	920	49	W	13
22	T	12/20	6	12.6	146.5	920	49	W	10
23	T	12/20	12	12.7	145.4	925	51	WNW	10
24	T	12/20	18	12.7	144.1	930	46	W	8
25	T	12/21	0	13.6	142.5	930	46	WNW	12
26	T	12/21	6	13.8	141.6	930	46	WNW	13
27	T	12/21	12	14.6	140.1	930	51	WNW	10
28	T	12/21	18	15.5	138.9	935	46	NW	15
29	T	12/22	0	16.4	138.2	935	46	NW	10
30	T	12/22	12	19.0	137.8	940	51	NNE	16
31	T	12/22	18	20.2	135.3	950	46	NNE	22
32	T	12/23	0	21.7	139.2	960	38	NNE	16
33	STS	12/23	6	22.9	140.5	975	31	NNE	17
34	STS	12/23	12	24.0	142.0	980	31	NE	25
35	L	12/23	18	25.0	144.0	980	23	ENE	22
36	L	12/24	0	27.0	146.0	1000	21	NE	10

1990. Northeast Pacific Ocean

1. TC = NEP9001 Name = ALMA All Points = 22									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	05/12	21	10.5	-101.3	1010	13	WNW	10
2	TD	05/13	3	10.0	-103.3	1010	13	W	10
3	TD	05/13	9	10.5	-103.9	1010	13	WNW	12
4	TD	05/13	15	10.5	-102.8	1010	13	WNW	10
5	TD	05/13	21	11.5	-104.0	1010	13	WNW	10
6	TD	05/14	3	11.7	-105.8	1009	15	W	13

7	TD	05/14	9	12.2	-108.0	1009	15	W	13
8	TS	05/14	15	12.3	-109.0	1005	18	W	13
9	TS	05/14	21	12.4	-110.8	1002	21	W	15
10	STS	05/15	3	12.2	-111.9	991	31	W	14
11	STS	05/15	9	12.0	-113.3	991	31	W	14
12	STS	05/15	15	12.3	-114.4	991	31	W	14
13	T	05/15	21	12.4	-115.6	987	33	W	12
14	T	05/16	3	13.0	-116.8	987	33	WNW	12
15	T	05/16	9	13.9	-117.8	983	36	WNW	12
16	T	05/16	15	14.4	-118.5	983	36	WNW	10
17	STS	05/17	3	14.0	-120.2	994	28	W	8
18	TS	05/17	9	14.0	-121.5	1000	23	W	10
19	TD	05/17	15	14.1	-123.1	1009	15	W	12
20	TD	05/17	21	14.1	-124.1	1009	15	W	12
21	TD	05/18	3	14.1	-125.3	1012	13	W	12
22	TD	05/18	9	14.0	-126.5	1012	13	W	12

2. TC = NEP9002 Name = BORIS All Points = 20

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/03	9	13.0	-103.0	1012	13	WNW	10
2	TD	06/03	15	13.5	-104.8	1012	13	WNW	10
3	TD	06/03	21	13.2	-107.9	1009	15	W	15
4	TS	06/04	3	13.3	-109.7	1005	18	W	15
5	TS	06/04	9	13.5	-110.8	1000	23	W	15
6	STS	06/04	15	13.4	-111.5	994	28	W	10
7	STS	06/04	21	13.7	-111.9	994	28	WNW	6
8	T	06/05	3	15.0	-112.5	987	33	NW	9
9	T	06/05	9	16.3	-113.4	983	36	NW	10
10	T	06/05	15	17.0	-113.6	980	38	NW	10
11	T	06/05	21	18.3	-114.5	980	38	NW	11
12	T	06/06	3	19.4	-114.7	983	36	NNW	12
13	T	06/06	9	20.1	-115.0	983	36	NNW	10
14	STS	06/06	15	20.5	-115.5	991	31	NNW	8
15	STS	06/06	21	21.2	-115.9	994	28	NNW	8
16	TS	06/07	3	22.0	-116.0	1005	18	N	8
17	TD	06/07	15	23.0	-115.7	1009	15	N	7
18	TD	06/07	21	23.7	-115.4	1009	15	NNE	6
19	TD	06/08	3	24.0	-115.9	1012	13	N	6
20	TD	06/08	9	24.1	-116.1	1012	13	N	4

3. TC = NEP9003 Name = CRISTINA All Points = 22

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/09	9	11.9	-109.9	1009	15	NW	5
2	TD	06/09	15	12.0	-110.0	1009	15	NW	5
3	TS	06/09	21	13.2	-110.2	1005	18	NW	5
4	TS	06/10	3	13.6	-110.7	1000	23	NW	5
5	STS	06/10	9	14.0	-111.0	994	28	NW	5
6	STS	06/10	15	13.6	-111.4	994	28	NW	5
7	STS	06/10	21	13.6	-112.6	994	28	NW	5
8	STS	06/11	3	13.7	-111.0	997	26	0	0
9	TS	06/11	9	13.7	-111.0	1000	23	0	0
10	TS	06/11	15	13.8	-111.1	1000	23	0	0
11	TS	06/11	21	14.0	-113.0	1000	23	W	7
12	TS	06/12	3	14.7	-113.7	1000	23	WNW	6
13	TS	06/12	9	15.3	-114.0	1000	23	WNW	6
14	STS	06/12	15	15.5	-114.5	997	26	NWN	6
15	STS	06/13	3	15.7	-117.2	997	26	NWN	9
16	TS	06/13	9	15.7	-117.8	1000	23	W	9
17	TS	06/13	15	16.4	-119.2	1005	18	NW	9
18	TD	06/13	21	16.7	-120.0	1009	15	W	5

19	TD	06/14	3	17.0	-120.5	1009	15	NW	3
20	TD	06/15	9	18.4	-122.8	1010	13	NW	5
21	TD	06/15	15	18.1	-123.2	1012	13	SW	3
22	TD	06/16	9	17.9	-124.3	1012	13	WSW	6

4. TC = NEP9004 Name = DOUGLAS All Points = 16

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/19	21	14.5	-102.1	1009	15	WNW	6
2	TS	06/20	3	14.8	-102.8	1005	18	WNW	6
3	TS	06/20	9	15.8	-103.3	1000	23	WNW	8
4	TS	06/20	15	16.6	-103.5	1000	23	NW	9
5	STS	06/20	21	16.9	-103.9	997	26	NW	8
6	STS	06/21	3	17.2	-104.2	994	28	NW	5
7	STS	06/21	9	17.6	-104.2	994	28	NW	5
8	STS	06/21	15	18.2	-104.6	997	26	NW	5
9	STS	06/21	21	18.7	-104.4	997	26	NNW	5
10	STS	06/22	3	19.2	-105.0	997	26	NW	5
11	TS	06/22	9	19.5	-105.5	1000	23	NW	6
12	TS	06/22	15	20.1	-106.5	1000	23	NW	6
13	TS	06/22	21	20.2	-106.6	1005	18	NW	6
14	TS	06/23	3	20.4	-107.0	1005	18	NW	6
15	TS	06/23	9	20.8	-107.5	1005	18	NW	6
16	TD	06/23	15	22.5	-108.6	1009	15	NW	7

5. TC = NEP9005 Name = ELIDA All Points = 28

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/26	12	14.5	-104.0	1009	15	W	10
2	TD	06/26	15	14.5	-104.7	1009	15	W	11
3	TS	06/26	21	15.5	-107.0	1005	18	WNW	10
4	TS	06/27	3	16.3	-107.0	1002	21	W	12
5	TS	06/27	9	16.6	-108.1	1000	23	W	12
6	STS	06/27	15	16.6	-109.6	997	26	W	12
7	STS	06/27	21	17.7	-110.0	991	31	NW	10
8	T	06/28	3	18.4	-110.5	980	38	NW	10
9	T	06/28	9	19.1	-111.3	980	38	NW	10
10	T	06/28	15	19.4	-112.3	980	38	NW	10
11	T	06/28	21	19.7	-112.7	980	38	NW	9
12	T	06/29	3	19.8	-113.6	983	36	WNW	8
13	T	06/29	9	20.4	-115.1	987	33	WNW	9
14	STS	06/29	15	21.1	-116.5	994	28	WNW	12
15	STS	06/29	21	21.0	-118.5	997	26	W	13
16	TS	06/30	3	21.1	-119.9	1000	23	W	12
17	TS	06/30	9	21.1	-121.3	1002	21	W	14
18	TS	06/30	15	21.0	-122.4	1005	18	W	12
19	TD	06/30	21	21.1	-123.6	1009	15	W	12
20	TD	07/01	3	21.0	-125.5	1009	15	W	13
21	TD	07/01	9	21.0	-126.5	1009	15	W	13
22	TD	07/01	15	21.0	-126.5	1010	13	W	13
23	TD	07/01	21	21.0	-128.0	1012	13	W	9
24	TD	07/02	3	21.0	-129.0	1012	13	W	9
25	L	07/02	9	21.0	-130.0	1014	10	W	10
26	TD	07/02	15	20.4	-131.0	1014	13	W	10
27	L	07/02	21	21.0	-131.4	1014	10	W	8
28	L	07/03	3	20.0	-132.5	1014	10	W	8

6. TC = NEP9006 Name = FAUSTO All Points = 26

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/06	15	14.2	-103.0	1009	15	NW	5
2	TD	07/06	21	15.1	-104.0	1009	15	NW	7
3	TS	07/07	3	16.0	-106.0	1005	18	NW	10

4	TS	07/07	9	16.8	-107.0	1005	18	NW	10
5	TS	07/07	15	16.6	-107.6	1005	18	NW	10
6	TS	07/07	21	16.8	-107.9	1000	23	NW	10
7	STS	07/08	3	17.0	-108.0	994	28	NW	6
8	T	07/08	9	18.2	-109.4	983	36	NW	7
9	T	07/08	15	18.6	-109.8	980	38	NW	8
10	T	07/08	21	19.1	-110.3	980	38	NW	8
11	T	07/09	3	19.7	-111.3	980	38	NW	9
12	T	07/09	9	20.3	-112.1	983	36	NW	10
13	T	07/09	15	20.7	-112.7	980	38	NW	9
14	T	07/09	21	20.9	-113.1	983	36	NW	10
15	T	07/10	3	21.7	-113.5	980	36	NW	7
16	T	07/10	9	22.4	-114.6	987	33	NW	8
17	T	07/10	15	22.6	-115.9	983	33	WNW	10
18	STS	07/10	21	23.1	-116.6	994	28	WNW	10
19	TS	07/11	3	23.5	-117.5	1000	23	WNW	10
20	TS	07/11	9	23.6	-119.0	1002	21	W	11
21	TS	07/11	15	23.8	-120.2	1005	18	W	11
22	TD	07/11	21	24.5	-121.0	1010	13	W	11
23	TD	07/12	3	24.8	-122.0	1010	13	WNW	11
24	TD	07/12	9	25.1	-123.0	1010	13	WNW	11
25	L	07/12	15	25.4	-125.8	1012	10	W	15
26	L	07/12	21	25.5	-126.4	1012	10	W	15

7. TC = NEP9007 Name = GENEVIEVE All Points = 28

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/11	15	14.0	-103.0	1009	15	W	1
2	TS	07/11	21	14.3	-103.2	1005	18	W	1
3	TS	07/12	3	14.7	-104.2	1000	23	WNW	11
4	TS	07/12	9	14.9	-104.8	1002	21	W	1
5	STS	07/12	15	15.4	-106.6	994	28	WNW	13
6	STS	07/12	21	16.4	-107.8	991	31	WNW	12
7	T	07/13	3	17.2	-108.9	987	33	WNW	13
8	T	07/13	9	18.2	-110.0	983	36	NW	14
9	T	07/13	15	18.5	-110.8	980	38	WNW	12
10	T	07/13	21	19.1	-111.9	980	38	WNW	13
11	T	07/14	3	19.5	-113.0	980	38	WNW	12
12	T	07/14	9	19.2	-113.7	983	36	WNW	9
13	T	07/14	15	19.1	-114.2	983	36	WNW	9
14	T	07/14	21	19.5	-115.5	983	36	WNW	9
15	T	07/15	3	19.9	-116.4	983	36	WNW	9
16	T	07/15	9	20.1	-116.9	980	38	WNW	8
17	T	07/15	15	20.4	-117.6	980	38	WNW	8
18	T	07/16	3	20.9	-119.1	983	36	WNW	8
19	T	07/16	9	21.8	-118.5	983	36	NNW	8
20	T	07/16	15	22.7	-120.7	987	33	NNW	8
21	STS	07/16	21	22.8	-120.9	994	28	NNW	8
22	STS	07/17	3	23.5	-122.0	997	26	NW	9
23	TS	07/17	9	24.4	-122.1	1000	23	NW	9
24	TS	07/17	15	24.9	-122.9	1002	21	NW	10
25	TS	07/17	21	25.7	-123.3	1005	18	N	8
26	TD	07/18	3	25.7	-123.2	1009	15	N	5
27	TD	07/18	9	26.1	-123.6	1010	13	N	5
28	TD	07/18	21	25.8	-123.7	1012	13	N	1

8. TC = NEP9008 Name = HERNAN All Points = 39

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/20	9	12.2	-109.0	1009	15	WNW	9
2	TD	07/20	15	12.0	-110.1	1009	15	W	9
3	TD	07/20	21	13.4	-110.8	1009	15	W	10

4	TS	07/21	3	13.3	-111.7	1005	18	WNW	9
5	TS	07/21	9	13.7	-112.7	1000	23	WNW	9
6	STS	07/21	15	14.0	-113.4	994	28	WNW	9
7	T	07/21	21	14.3	-113.5	987	33	WNW	9
8	T	07/22	3	14.9	-113.8	983	36	WNW	6
9	T	07/22	9	15.3	-114.2	970	46	NW	6
10	T	07/22	15	15.8	-114.9	956	54	NW	6
11	T	07/22	21	16.3	-115.3	948	60	NW	6
12	T	07/23	3	16.6	-116.1	936	65	NW	7
13	T	07/23	9	17.1	-116.7	936	65	NW	7
14	T	07/23	15	17.7	-117.7	936	65	NW	8
15	T	07/23	21	17.5	-118.2	930	68	WNW	7
16	T	07/24	3	17.5	-118.6	930	68	W	3
17	T	07/24	9	17.8	-119.4	930	68	W	5
18	T	07/24	15	17.8	-120.2	941	62	W	5
19	O	07/24	21	17.7	-120.2	948	60	W	3
20	T	07/25	3	18.0	-120.8	952	57	W	7
21	T	07/25	9	18.3	-121.3	956	54	WNW	6
22	T	07/25	15	18.6	-122.2	956	54	WNW	6
23	T	07/25	21	18.7	-123.7	952	57	WNW	6
24	T	07/26	3	18.7	-123.5	952	57	W	8
25	T	07/26	9	19.0	-124.3	956	54	WNW	8
26	T	07/26	15	19.2	-125.2	961	51	WNW	8
27	T	07/26	21	19.7	-126.1	970	46	WNW	9
28	T	07/27	3	19.7	-126.9	977	41	WNW	7
29	T	07/27	9	19.8	-127.7	980	38	WNW	8
30	T	07/27	15	20.1	-128.5	987	33	W	9
31	T	07/27	21	20.0	-129.5	987	33	W	8
32	STS	07/28	3	20.0	-130.4	994	28	W	8
33	STS	07/28	9	20.1	-130.8	997	26	WNW	7
34	TS	07/28	15	20.1	-131.6	1000	23	W	7
35	TS	07/28	21	20.2	-133.2	1002	21	W	9
36	TS	07/29	3	21.1	-134.4	1005	18	WNW	10
37	TS	07/29	9	21.6	-135.2	1005	18	NW	11
38	TS	07/29	15	21.2	-136.3	1005	18	WNW	5
39	TD	07/29	21	22.0	-136.3	1009	15	WNW	5

9. TC = NEP9009 Name = ISELLE All Points = 39

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/20	15	10.0	-96.4	1012	13	WNW	10
2	TD	07/20	21	10.5	-97.7	1009	15	WNW	10
3	TD	07/21	3	11.0	-99.5	1009	15	WNW	10
4	TD	07/21	9	11.3	-100.3	1009	15	WNW	10
5	TS	07/21	15	11.8	-101.1	1005	18	WNW	10
6	TS	07/21	21	12.3	-102.3	1000	23	WNW	8
7	STS	07/22	3	13.4	-102.1	997	26	WNW	9
8	STS	07/22	9	13.9	-102.9	994	28	WNW	9
9	STS	07/22	15	14.2	-103.4	991	31	WNW	8
10	T	07/22	21	14.5	-104.1	987	33	WNW	8
11	T	07/23	3	14.9	-104.7	980	38	WNW	8
12	T	07/23	9	15.4	-105.1	980	38	NW	7
13	T	07/23	15	16.4	-106.0	980	38	NW	9
14	T	07/23	21	16.1	-106.7	977	41	WNW	8
15	T	07/24	3	16.5	-107.2	970	46	WNW	8
16	T	07/24	9	17.0	-108.0	965	49	WNW	8
17	T	07/24	15	17.2	-108.9	961	51	WNW	8
18	T	07/24	21	17.6	-109.3	956	54	WNW	8
19	T	07/25	3	18.4	-110.1	961	51	NW	10
20	T	07/25	9	18.9	-111.1	965	49	WNW	9
21	T	07/25	15	19.4	-112.4	965	49	WNW	10

22	T	07/25	21	19.9	-113.2	965	49	WNW	10
23	T	07/26	3	20.2	-113.9	965	49	WNW	10
24	T	07/26	9	21.2	-114.9	965	49	WNW	9
25	T	07/26	15	21.8	-116.0	970	46	NW	11
26	T	07/26	21	22.2	-117.2	970	46	WNW	11
27	T	07/27	3	22.7	-118.0	970	46	WNW	10
28	T	07/27	9	23.2	-118.7	970	46	WNW	9
29	T	07/27	15	23.6	-119.9	977	41	WNW	9
30	T	07/27	21	24.0	-120.4	983	36	WNW	6
31	T	07/28	3	24.7	-121.0	987	33	WNW	5
32	STS	07/28	9	25.3	-121.4	991	31	NW	9
33	STS	07/28	15	25.6	-121.8	991	31	NW	7
34	STS	07/28	21	25.8	-122.0	994	28	NW	5
35	STS	07/29	3	26.1	-122.0	997	26	NNW	4
36	TS	07/29	9	26.6	-122.0	1000	23	NNW	4
37	TS	07/29	15	26.0	-123.0	1002	21	NNW	4
38	TD	07/29	21	25.7	-122.0	1005	15	WNW	3
39	TD	07/30	3	25.6	-121.7	1009	15	0	0

10. TC = NEP9010 Name = AKA All Points = 27

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/07	21	10.5	-150.5	1009	15	W	12
2	TS	08/08	0	10.6	-151.5	1005	18	W	12
3	TS	08/08	6	10.8	-152.8	1005	18	W	12
4	TS	08/08	12	10.9	-154.0	1005	18	W	12
5	TS	08/09	0	11.7	-156.2	1002	21	W	11
6	TS	08/09	6	11.8	-157.1	1000	23	W	10
7	TS	08/09	12	12.0	-158.5	1000	23	W	11
8	STS	08/09	18	11.8	-160.8	997	26	W	13
9	STS	08/10	0	11.3	-161.7	997	26	W	13
10	STS	08/10	6	11.1	-163.0	997	26	W	13
11	STS	08/10	12	11.3	-164.5	994	28	W	14
12	STS	08/10	18	11.5	-165.5	994	28	W	10
13	TS	08/11	0	12.5	-168.0	1000	23	W	15
14	TS	08/11	6	12.8	-169.2	1000	23	W	15
15	TS	08/11	12	13.1	-170.2	1002	18	WNW	12
16	TS	08/11	18	13.3	-171.2	1002	18	W	11
17	TS	08/12	0	13.4	-172.2	1002	18	W	10
18	TS	08/12	6	14.0	-173.5	1002	18	WNW	11
19	TS	08/12	12	14.3	-174.5	997	21	W	10
20	TS	08/12	18	14.5	-176.0	997	23	W	12
21	TS	08/13	0	14.8	-177.0	997	23	W	12
22	STS	08/13	6	15.0	-178.0	994	26	WNW	14
23	TS	08/13	12	15.0	-179.0	994	21	W	15
24	TS	08/14	0	15.1	-176.5	996	18	W	13
25	TS	08/14	6	15.5	-174.1	996	18	WNW	12
26	TS	08/14	12	15.8	-173.4	996	18	WNW	10
27	TD	08/15	0	17.5	-171.0	1004	15	WNW	10

11. TC = NEP9011 Name = JULIO All Points = 21

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/18	0	13.0	-110.0	1009	15	W	1
2	STS	08/19	9	14.5	-112.1	991	31	W	10
3	T	08/19	15	15.0	-113.5	987	33	WNW	14
4	T	08/20	0	15.9	-115.1	980	38	WNW	11
5	T	08/20	6	16.2	-116.3	980	38	WNW	10
6	T	08/20	18	16.7	-117.8	980	38	WNW	10
7	T	08/21	6	16.8	-119.7	965	49	WNW	10
8	T	08/21	12	17.1	-120.2	970	46	WNW	10
9	T	08/21	15	17.0	-121.1	961	51	W	10

10	T	08/21	21	16.9	-122.3	961	51	W	11
11	T	08/22	3	16.9	-123.6	961	51	W	11
12	T	08/22	9	16.9	-125.2	965	49	W	11
13	T	08/22	15	17.1	-125.8	977	41	W	11
14	T	08/22	21	16.9	-127.3	987	33	W	11
15	STS	08/23	3	16.7	-128.5	994	28	W	11
16	STS	08/23	9	16.6	-130.8	997	26	W	13
17	TS	08/23	15	16.6	-132.7	1000	23	W	15
18	TS	08/23	21	17.8	-133.4	1005	18	W	14
19	TS	08/24	3	18.2	-134.7	1005	18	W	13
20	TS	08/24	9	18.1	-136.0	1005	18	W	13
21	TD	08/24	15	18.0	-136.5	1009	15	W	8

12. TC = NEP9012 Name = KENNA All Points = 36

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/21	16	13.8	-111.3	1009	15	WNW	12
2	TD	08/21	21	14.5	-112.2	1009	15	WNW	12
3	TS	08/22	3	14.6	-112.9	1005	18	WNW	12
4	TS	08/22	9	14.5	-114.6	1002	21	W	15
5	TS	08/22	15	14.5	-115.2	1000	23	W	10
6	TS	08/22	21	15.1	-115.9	1000	23	W	9
7	STS	08/23	3	15.6	-116.5	997	26	WNW	8
8	STS	08/23	9	16.0	-117.8	994	28	WNW	8
9	STS	08/23	15	15.8	-119.2	991	31	WNW	10
10	STS	08/23	21	15.2	-119.8	991	31	W	9
11	STS	08/24	3	15.1	-120.3	994	28	W	9
12	STS	08/24	9	15.1	-121.2	994	28	W	9
13	STS	08/24	15	15.0	-122.3	994	28	W	9
14	STS	08/24	21	14.9	-123.9	994	28	W	10
15	STS	08/25	3	15.3	-124.8	991	31	WNW	10
16	T	08/25	9	15.8	-126.0	987	33	WNW	10
17	T	08/25	15	15.8	-127.2	987	33	WNW	11
18	T	08/25	21	15.4	-128.7	987	33	W	13
19	T	08/26	3	16.4	-129.9	980	38	WNW	11
20	T	08/26	9	16.6	-130.9	980	38	WNW	11
21	STS	08/26	15	17.1	-131.9	991	31	WNW	11
22	STS	08/26	21	17.4	-132.6	991	31	WNW	8
23	T	08/27	3	18.0	-133.3	983	36	N	10
24	T	08/27	9	18.5	-134.0	983	36	N	9
25	T	08/27	15	19.3	-134.3	987	33	NW	9
26	T	08/27	21	20.0	-134.2	987	33	NW	8
27	T	08/28	3	20.2	-133.9	987	33	NW	4
28	STS	08/28	9	21.7	-134.6	994	28	N	7
29	STS	08/28	15	21.5	-134.4	997	26	N	7
30	TS	08/28	21	21.8	-134.0	1002	21	N	5
31	TS	08/29	3	21.5	-134.2	1005	18	NNW	5
32	TD	08/29	9	21.4	-134.4	1009	15	NNW	4
33	TD	08/29	15	21.0	-134.5	1012	13	0	0
34	TD	08/29	21	21.0	-136.0	1012	13	W	5
35	TD	08/30	3	20.5	-136.5	1012	13	W	5
36	TD	08/30	15	19.5	-137.5	1012	13	WSW	5

13. TC = NEP9013 Name = LOWEL All Points = 29

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/24	21	15.7	-102.7	1009	15	WNW	15
2	TD	08/25	9	16.2	-104.2	1009	15	WNW	10
3	TD	08/25	15	17.1	-106.9	1009	15	WNW	10
4	TS	08/25	21	18.3	-106.9	1005	18	WNW	12
5	TS	08/26	3	18.2	-107.8	1000	23	WNW	11
6	TS	08/26	9	18.7	-109.0	1000	23	WNW	11

7	STS	08/26	15	19.5	-110.3	994	28	WNW	12
8	STS	08/26	21	19.6	-110.9	991	31	W	10
9	STS	08/27	3	19.4	-111.9	991	31	W	8
10	T	08/27	9	19.5	-113.5	987	33	WNW	9
11	T	08/27	15	19.8	-114.2	987	33	W	10
12	T	08/27	21	19.4	-115.4	987	33	W	11
13	T	08/28	3	19.3	-116.5	987	33	W	11
14	T	08/28	9	18.8	-118.3	987	33	W	13
15	T	08/28	15	18.5	-119.5	987	33	W	11
16	STS	08/28	21	18.5	-120.2	991	31	W	10
17	STS	08/29	9	18.1	-121.9	994	28	W	9
18	TS	08/29	15	18.1	-122.9	1000	23	W	9
19	STS	08/29	21	18.5	-124.0	994	28	WNW	10
20	STS	08/30	3	19.3	-124.6	994	28	WNW	9
21	STS	08/30	9	19.4	-125.8	997	26	WNW	9
22	TS	08/30	15	19.6	-127.3	1000	23	WNW	7
23	TS	08/30	21	19.7	-128.1	1000	23	WNW	7
24	TS	08/31	3	20.2	-129.2	1002	21	WNW	7
25	TS	08/31	9	20.2	-130.6	1005	18	W	10
26	TD	08/31	15	20.1	-131.9	1009	15	W	11
27	TD	08/31	21	20.1	-132.8	1010	13	W	10
28	TD	09/01	3	20.0	-134.0	1012	13	W	10
29	TD	09/01	9	20.0	-135.2	1012	13	W	10

14. TC = NEP9014 Name = MARIE All Points = 49

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/08	0	13.0	-124.5	1000	15	W	9
2	TD	09/08	12	13.2	-126.6	1000	15	W	10
3	TS	09/08	19	13.6	-127.5	998	23	W	10
4	STS	09/08	21	13.8	-127.8	994	28	WNW	10
5	T	09/09	3	14.1	-128.8	987	33	WNW	10
6	T	09/09	9	14.6	-129.2	980	38	WNW	8
7	T	09/09	15	14.9	-129.7	980	38	WNW	8
8	T	09/09	21	14.7	-129.8	980	38	WNW	5
9	T	09/10	3	14.8	-130.0	980	38	0	0
10	T	09/10	9	15.0	-130.2	970	46	WNW	3
11	T	09/10	15	15.0	-131.3	965	49	W	6
12	T	09/10	21	15.1	-131.8	956	54	W	6
13	T	09/11	3	15.0	-132.3	941	62	WNW	6
14	T	09/11	9	14.7	-133.0	936	65	W	8
15	T	09/11	15	14.8	-133.9	948	60	W	9
16	T	09/11	21	15.0	-134.5	948	60	W	9
17	T	09/12	3	15.3	-135.1	948	60	WNW	8
18	T	09/12	9	15.6	-135.7	956	54	WNW	6
19	T	09/12	15	16.4	-136.3	956	54	WNW	7
20	T	09/12	21	16.6	-136.9	965	49	NW	8
21	T	09/13	3	16.9	-137.5	970	46	NW	7
22	T	09/13	9	17.2	-138.1	970	46	NW	8
23	T	09/13	15	17.3	-138.7	961	51	WNW	6
24	T	09/13	21	17.5	-139.0	961	51	W	5
25	T	09/14	3	17.4	-139.3	961	51	WNW	4
26	T	09/14	9	17.4	-139.6	961	51	W	4
27	T	09/14	12	17.4	-140.1	961	51	W	5
28	T	09/14	18	17.4	-140.8	961	51	W	5
29	T	09/15	0	17.3	-141.7	961	51	W	6
30	T	09/15	6	17.0	-142.8	961	51	WSW	12
31	T	09/15	12	16.7	-143.6	961	51	W	10
32	T	09/15	18	16.6	-144.6	961	51	W	10
33	T	09/16	0	16.6	-145.7	961	51	W	10
34	T	09/16	6	16.8	-146.8	961	51	W	10

35	T	09/16	12	17.1	-147.8	961	51	W	10
36	T	09/16	18	17.2	-148.5	977	41	W	8
37	T	09/17	0	17.6	-149.5	983	36	W	8
38	STS	09/17	6	17.9	-150.4	991	31	WNW	9
39	STS	09/17	12	18.2	-151.0	997	26	WNW	8
40	STS	09/17	18	18.1	-151.4	997	26	W	10
41	STS	09/18	0	18.0	-151.9	991	31	W	8
42	STS	09/18	6	17.5	-152.7	991	31	WSW	8
43	STS	09/18	12	16.8	-153.1	994	28	SW	8
44	TS	09/18	18	16.4	-153.7	1002	23	WSW	8
45	TD	09/19	0	16.2	-154.2	1009	15	WSW	7
46	TD	09/19	6	16.0	-155.2	1009	15	WSW	9
47	TD	09/19	12	15.8	-155.8	1009	15	W	7
48	TD	09/19	18	15.8	-156.8	1009	15	W	5
49	TD	09/20	0	15.8	-156.8	1009	15	W	5

15. TC = NEP9015 Name = NORBERT All Points = 37

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/10	15	12.9	-112.7	1009	15	WNW	7
2	TS	09/10	21	13.3	-111.8	1005	18	W	2
3	TS	09/11	3	13.3	-112.0	1000	23	N	1
4	TS	09/11	9	13.5	-112.4	1000	23	0	0
5	TS	09/11	15	13.9	-113.2	1000	23	WNW	7
6	TS	09/11	21	16.0	-112.9	1002	21	WNW	7
7	TS	09/12	3	16.6	-112.6	1000	23	NNW	8
8	TS	09/12	9	17.0	-112.7	1000	23	NNW	7
9	TS	09/12	15	18.0	-113.5	1002	21	WNW	15
10	TS	09/12	21	19.7	-115.6	1002	21	W	12
11	TS	09/13	3	19.8	-116.6	1000	23	W	10
12	STS	09/13	9	19.9	-117.2	997	26	W	9
13	STS	09/13	15	20.1	-118.0	994	28	W	8
14	STS	09/13	21	20.6	-118.7	994	28	WNW	8
15	T	09/14	3	20.9	-119.5	987	33	WNW	8
16	T	09/14	9	20.9	-120.8	987	33	WNW	8
17	T	09/14	15	21.3	-121.8	987	33	WNW	8
18	T	09/14	21	21.3	-123.2	987	33	W	10
19	T	09/15	3	21.2	-123.8	987	33	W	8
20	T	09/15	9	21.0	-124.8	987	33	W	8
21	STS	09/15	21	20.9	-126.9	991	31	W	8
22	STS	09/16	3	20.9	-127.5	991	31	W	7
23	STS	09/16	9	20.6	-127.9	994	28	W	7
24	STS	09/16	15	20.5	-128.1	997	26	W	6
25	STS	09/16	21	20.8	-128.3	997	26	W	4
26	TS	09/17	3	21.3	-128.0	1000	23	W	3
27	TS	09/17	9	21.5	-128.0	1000	23	0	0
28	TS	09/17	15	21.7	-128.6	1000	23	WNW	3
29	TS	09/17	21	22.7	-128.5	1000	23	NNW	5
30	TS	09/18	3	22.9	-128.6	1005	18	N	4
31	TD	09/18	9	23.2	-128.5	1009	15	N	3
32	TD	09/18	15	23.5	-129.0	1009	15	NW	5
33	TD	09/18	21	23.3	-129.3	1009	15	NW	3
34	TD	09/19	3	23.3	-130.0	1012	13	W	5
35	TD	09/19	9	23.2	-130.7	1012	13	W	6
36	TD	09/19	15	22.7	-132.5	1012	13	W	6
37	TD	09/19	21	22.5	-133.2	1012	13	W	5

16. TC = NEP9016 Name = ODILE All Points = 34

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/23	21	13.2	-110.4	1009	15	WNW	13
2	TD	09/24	0	12.8	-111.0	1009	15	WNW	11

3	TS	09/24	9	13.0	-111.8	1002	21	WNW	10
4	STS	09/24	15	13.2	-113.4	997	26	W	10
5	STS	09/24	21	13.2	-114.1	991	31	W	10
6	STS	09/25	3	13.2	-115.0	994	28	W	10
7	T	09/25	9	13.5	-115.5	987	33	W	10
8	T	09/25	15	13.9	-117.7	980	38	W	10
9	T	09/25	21	14.0	-118.8	970	46	W	10
10	T	09/26	3	14.4	-120.3	965	49	W	13
11	T	09/26	9	14.7	-121.6	956	54	W	12
12	T	09/26	15	15.4	-122.9	937	65	WNW	13
13	T	09/26	21	15.9	-124.0	937	65	WNW	13
14	T	09/27	3	16.2	-124.6	936	65	WNW	12
15	T	09/27	9	17.0	-126.2	937	65	WNW	12
16	T	09/27	15	17.9	-127.0	941	62	NW	11
17	T	09/27	21	18.7	-127.6	956	54	NW	10
18	T	09/28	3	19.5	-128.2	961	51	NW	10
19	T	09/28	9	20.1	-128.8	965	49	NW	9
20	T	09/28	15	20.6	-128.9	977	41	NNW	7
21	T	09/28	21	20.9	-128.7	983	36	N	6
22	STS	09/29	3	21.3	-128.7	991	31	N	3
23	STS	09/29	9	21.5	-128.7	994	28	N	3
24	STS	09/29	15	21.6	-128.8	997	26	N	2
25	TS	09/29	21	21.5	-129.0	1000	23	0	0
26	TS	09/30	3	21.1	-129.4	1005	18	N	2
27	TD	09/30	9	20.4	-130.3	1009	15	WSW	6
28	TD	09/30	15	19.8	-130.4	1009	15	SW	6
29	TD	09/30	21	19.3	-130.4	1009	15	SW	5
30	TD	10/01	3	19.0	-131.1	1009	15	WSW	5
31	TD	10/01	9	19.1	-132.2	1012	13	W	7
32	TD	10/01	15	18.6	-133.1	1012	13	WSW	8
33	L	10/01	21	17.7	-134.1	1014	10	WSW	10
34	L	10/02	3	18.0	-135.0	1014	10	WSW	9

17. TC = NEP9017 Name = POLO All Points = 14

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/28	21	9.9	-137.7	1009	15	WNW	9
2	TD	09/29	3	10.9	-137.9	1009	15	NW	10
3	TD	09/29	9	11.6	-138.3	1009	15	NW	9
4	TD	09/29	15	12.6	-138.5	1009	15	NNW	10
5	TS	09/29	18	13.3	-138.4	1002	21	NNW	10
6	TS	09/29	21	13.8	-138.5	1000	23	NNW	9
7	STS	09/30	3	14.9	-138.8	994	28	NNW	9
8	T	09/30	9	15.7	-139.2	987	33	NNW	9
9	T	09/30	15	15.7	-139.4	987	33	NNW	5
10	STS	09/30	21	16.3	-139.5	994	28	NNW	5
11	STS	10/01	3	16.5	-140.6	997	26	WNW	7
12	TS	10/01	6	16.5	-140.8	1000	23	W	7
13	TD	10/01	12	16.5	-141.5	1009	15	W	7
14	TD	10/01	18	15.5	-143.7	1012	13	W	10

18. TC = NEP9018 Name = RACHEL All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/30	9	15.4	-110.0	1009	15	WNW	12
2	TS	09/30	15	15.9	-111.4	1005	18	WNW	12
3	STS	09/30	21	16.5	-112.3	994	28	WNW	12
4	STS	10/01	3	17.4	-112.7	997	26	NNW	9
5	STS	10/01	9	18.4	-112.8	997	26	N	10
6	STS	10/01	15	18.6	-112.7	997	26	N	5
7	STS	10/01	21	19.7	-112.4	997	26	NNE	7
8	STS	10/02	3	20.6	-112.0	997	26	NE	10

9	STS	10/02	6	21.5	-111.5	991	31	NE	12
10	STS	10/02	9	22.4	-111.1	994	28	NE	12
11	STS	10/02	15	23.2	-109.8	994	28	NE	12
12	TS	10/02	21	26.0	-107.5	1005	18	NE	25
13	TD	10/03	0	26.5	-107.0	1009	15	NE	25

19. TC = NEP9019 Name = SIMON All Points = 22

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/09	3	14.6	-110.4	1009	15	W	9
2	TD	10/09	9	14.8	-111.6	1009	15	W	10
3	TD	10/09	15	14.8	-113.4	1009	15	W	13
4	TD	10/09	21	15.0	-114.1	1009	15	W	12
5	TS	10/10	3	15.3	-115.0	1005	18	W	9
6	TS	10/10	9	15.6	-115.9	1005	18	W	11
7	TS	10/10	15	16.1	-117.0	1005	18	WNW	8
8	TS	10/10	21	17.1	-118.1	1000	23	WNW	10
9	STS	10/11	3	16.9	-119.1	997	26	W	10
10	STS	10/11	9	17.0	-119.4	994	28	W	7
11	STS	10/11	15	17.7	-120.5	994	28	WNW	9
12	STS	10/11	21	18.9	-121.2	991	31	WNW	9
13	STS	10/12	3	19.4	-122.1	991	31	NW	10
14	STS	10/12	9	19.3	-122.9	991	31	WNW	8
15	STS	10/12	15	19.8	-124.2	994	28	WNW	11
16	TS	10/12	21	20.5	-124.5	1000	23	WNW	9
17	TS	10/13	3	20.9	-125.9	1002	21	WNW	10
18	TS	10/13	9	21.2	-127.1	1005	18	W	9
19	TS	10/13	15	21.5	-127.9	1005	18	W	9
20	TD	10/13	21	21.4	-129.0	1009	15	W	10
21	TD	10/14	3	21.3	-129.7	1009	15	W	9
22	TD	10/14	9	21.3	-130.9	1012	13	W	9

20. TC = NEP9020 Name = TRUDY All Points = 57

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/17	15	12.8	-103.2	1009	15	NNW	5
2	TD	10/17	21	13.0	-103.5	1009	15	NW	5
3	TS	10/18	3	13.1	-103.6	1005	18	NW	3
4	STS	10/18	9	13.6	-104.6	997	26	WNW	5
5	T	10/18	15	13.5	-105.6	987	33	W	7
6	T	10/18	21	13.2	-106.5	977	41	W	7
7	T	10/19	3	13.1	-106.9	970	46	W	7
8	T	10/19	9	13.6	-107.7	961	51	W	7
9	T	10/19	15	14.5	-108.6	961	51	WNW	8
10	T	10/19	21	14.8	-109.8	948	60	WNW	8
11	T	10/20	3	15.0	-110.5	941	62	WNW	9
12	T	10/20	9	15.6	-111.1	941	62	NW	9
13	T	10/20	15	15.8	-111.5	936	65	NW	7
14	T	10/20	21	16.0	-111.6	936	65	NW	5
15	T	10/21	3	16.5	-111.5	936	65	NNW	7
16	T	10/21	9	16.8	-111.5	948	60	N	7
17	T	10/21	15	16.7	-111.2	948	60	N	2
18	T	10/21	21	16.6	-111.0	948	60	0	0
19	T	10/22	3	16.8	-110.9	965	49	0	0
20	T	10/22	9	17.0	-110.9	970	46	NE	1
21	T	10/22	15	17.3	-111.0	974	44	N	1
22	T	10/22	21	17.7	-111.1	974	44	NNW	5
23	T	10/23	3	17.7	-111.2	974	44	0	0
24	T	10/23	9	18.2	-111.4	977	41	NW	3
25	T	10/23	15	18.2	-111.7	961	51	NW	5
26	T	10/23	21	17.7	-112.4	961	51	NW	5
27	T	10/24	9	17.5	-113.8	977	41	WNW	5

28	T	10/24	15	17.5	-114.4	980	38	W	5
29	T	10/24	21	17.2	-116.0	977	41	W	7
30	T	10/25	3	17.2	-116.0	974	44	0	0
31	T	10/25	9	17.1	-117.1	970	46	W	10
32	T	10/25	15	17.1	-117.8	961	51	W	5
33	T	10/25	21	17.0	-118.4	961	51	W	5
34	T	10/26	3	17.1	-119.2	956	54	W	8
35	T	10/26	9	17.6	-119.7	956	54	NW	6
36	T	10/26	15	17.9	-120.3	956	54	NW	6
37	T	10/26	21	17.8	-120.7	956	54	WNW	3
38	T	10/27	3	18.2	-121.1	956	54	WNW	3
39	T	10/27	9	18.2	-121.1	956	54	0	0
40	T	10/27	15	18.1	-121.6	956	54	W	3
41	T	10/27	21	18.1	-121.9	956	54	W	3
42	T	10/28	3	18.1	-122.2	961	51	W	3
43	T	10/28	9	18.3	-122.7	974	44	W	4
44	T	10/28	15	18.3	-122.9	977	41	W	3
45	T	10/28	21	18.6	-123.2	977	41	WNW	4
46	T	10/29	3	18.9	-123.1	980	38	NNW	5
47	T	10/29	9	19.2	-123.1	983	36	N	7
48	T	10/29	15	19.4	-123.0	980	38	N	1
49	T	10/29	21	19.9	-122.9	983	36	NNW	4
50	T	10/30	3	20.6	-123.2	987	33	NW	2
51	STS	10/30	9	20.2	-123.6	991	31	NW	2
52	TS	10/30	15	20.7	-123.9	1000	23	NW	2
53	TS	10/31	3	21.5	-123.4	1005	18	NW	3
54	TS	10/31	9	21.6	-123.3	1005	18	NE	1
55	TS	10/31	15	21.0	-122.9	1005	18	SE	5
56	TD	11/01	3	20.4	-123.4	1010	13	SW	3
57	TD	11/01	9	19.9	-123.9	1010	13	SW	5

21. TC = NEP9021 Name = VANCE All Points = 34

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/22	16	12.0	-99.9	1009	15	WNW	4
2	TS	10/23	3	12.4	-100.7	1005	18	WNW	4
3	TS	10/23	9	12.4	-100.9	1002	21	WNW	4
4	TS	10/23	15	12.7	-101.6	1000	23	WNW	7
5	STS	10/23	21	13.2	-102.2	997	26	WNW	6
6	STS	10/24	3	13.8	-103.1	994	28	WNW	8
7	STS	10/24	9	14.3	-103.4	994	28	NW	7
8	STS	10/24	15	14.3	-103.3	994	28	NW	5
9	STS	10/24	21	15.3	-104.0	994	28	NW	6
10	STS	10/25	3	16.1	-105.1	991	31	WNW	8
11	STS	10/25	9	16.8	-106.3	991	31	NW	10
12	T	10/25	15	16.7	-106.8	987	33	WNW	7
13	T	10/25	21	17.7	-107.9	977	41	WNW	10
14	T	10/26	3	18.2	-108.4	974	44	NW	8
15	T	10/26	9	18.6	-108.7	974	44	NW	6
16	T	10/26	15	18.8	-109.0	974	44	NW	5
17	T	10/26	21	18.7	-108.8	977	41	WNW	2
18	T	10/27	3	19.2	-109.0	977	41	NW	2
19	T	10/27	9	19.0	-109.0	983	36	0	0
20	T	10/27	15	19.0	-108.0	987	33	E	5
21	T	10/27	21	18.5	-107.5	987	33	SE	5
22	STS	10/28	3	17.9	-107.3	994	28	SSE	4
23	STS	10/28	9	17.8	-107.5	997	26	WSW	2
24	TS	10/28	15	17.8	-105.5	1000	23	E	10
25	TS	10/28	21	16.9	-109.2	1000	23	WSW	4
26	TS	10/29	3	16.6	-109.2	1000	23	S	3
27	STS	10/29	9	16.4	-109.4	994	28	WSW	3

28	TS	10/29	15	16.1	-109.7	1000	23	SW	3
29	TS	10/29	21	17.5	-110.4	1002	21	WNW	6
30	TS	10/30	3	17.7	-111.0	1005	18	WNW	1
31	TD	10/30	9	17.4	-112.3	1009	15	W	8
32	TD	10/30	15	17.7	-112.7	1009	15	W	8
33	TD	10/31	3	18.6	-114.5	1012	13	NW	8
34	TD	10/31	9	18.7	-115.0	1012	13	WNW	7

1990. North Atlantic Ocean

1. TC = ATL9001 Name = ARTHUR All Points = 20

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/22	22	9.5	-45.5	1008	13	W	17
2	TD	07/23	4	9.4	-45.5	1008	15	W	18
3	TD	07/23	10	9.4	-49.3	1008	15	W	18
4	TD	07/23	16	9.5	-51.0	1008	15	W	20
5	TD	07/23	22	9.3	-53.0	1008	15	W	20
6	TD	07/24	4	9.8	-54.1	1008	15	W	17
7	TD	07/24	10	10.0	-56.3	1008	15	W	17
8	TS	07/24	16	10.3	-58.3	1006	18	W	20
9	TS	07/24	22	11.0	-59.8	1000	23	W	20
10	TS	07/25	4	11.3	-61.2	1002	21	W	17
11	TS	07/25	10	11.7	-62.4	1000	23	W	17
12	STS	07/25	16	12.5	-63.3	995	31	W	15
13	STS	07/25	22	13.5	-64.5	995	31	W	15
14	STS	07/26	4	14.3	-65.8	998	31	W	15
15	STS	07/26	10	14.3	-66.8	1002	31	W	15
16	STS	07/26	16	15.3	-69.0	1007	26	WNW	20
17	TS	07/26	22	16.4	-71.7	1008	18	WNW	25
18	TS	07/27	3	16.9	-72.6	1006	21	WNW	22
19	TS	07/27	10	17.3	-74.6	1006	21	WNW	22
20	TD	07/27	16	16.3	-77.3	1008	15	W	24

2. TC = ATL9002 Name = BERTHA All Points = 22

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/27	22	28.4	-76.0	1009	15	0	0
2	TD	07/28	4	28.5	-76.0	1009	15	0	0
3	TS	07/28	10	28.5	-75.5	1000	23	W	5
4	TS	07/28	16	28.7	-75.6	1000	23	0	0
5	T	07/28	22	29.7	-73.8	987	33	NE	6
6	STS	07/29	10	31.7	-71.8	991	31	NE	14
7	T	07/29	16	31.9	-71.8	987	33	N	9
8	STS	07/29	22	32.4	-70.3	991	31	NE	11
9	STS	07/30	4	33.2	-69.2	991	31	NE	12
10	STS	07/30	10	34.4	-68.5	994	28	NE	12
11	T	07/30	16	35.3	-67.4	987	33	NE	11
12	T	07/30	22	36.5	-67.4	985	33	NNE	12
13	T	07/31	4	37.5	-66.2	973	36	NNE	14
14	T	07/31	10	38.3	-66.0	974	33	NNE	11
15	T	07/31	16	38.5	-65.8	974	33	NE	12
16	T	08/01	4	40.1	-63.5	977	33	NE	10
17	T	08/01	10	41.0	-62.5	976	33	NE	15
18	T	08/01	16	41.8	-62.0	976	33	NE	11
19	T	08/01	22	43.3	-60.7	980	33	NNE	14
20	T	08/02	4	45.5	-59.6	982	33	NNE	19
21	L	08/02	10	47.8	-59.6	991	31	NNE	20
22	L	08/02	16	49.5	-59.5	994	28	NNE	23

3. TC = ATL9003 Name = CESAR All Points = 23

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/01	22	15.0	-32.0	1009	15	WNW	15
2	TD	08/02	4	15.8	-33.3	1009	15	WNW	13
3	TD	08/02	10	16.2	-34.2	1009	15	WNW	13
4	TS	08/02	12	16.7	-35.1	1005	18	WNW	14
5	TS	08/02	22	17.8	-36.7	1002	21	WNW	13
6	TS	08/03	4	18.4	-38.2	1000	23	WNW	13
7	TS	08/03	10	19.1	-39.8	1000	23	WNW	14
8	TS	08/03	16	19.7	-40.2	1000	23	WNW	12
9	TS	08/03	22	19.9	-41.7	1002	21	WNW	13
10	TS	08/04	4	20.2	-41.8	1002	21	WNW	10
11	TS	08/04	10	21.2	-43.8	1002	21	WNW	12
12	TS	08/04	16	22.3	-44.4	1000	23	NW	11
13	TS	08/05	4	23.8	-44.9	1005	18	NW	7
14	TS	08/05	10	24.2	-46.7	1000	23	WNW	10
15	TS	08/05	16	25.8	-45.7	1000	23	NNW	10
16	TS	08/05	22	26.8	-46.8	1005	18	NW	9
17	TS	08/06	4	27.2	-47.2	1005	18	NW	9
18	TS	08/06	10	27.5	-47.5	1005	18	NW	6
19	TD	08/06	16	27.2	-46.8	1009	15	WNW	3
20	TD	08/06	22	27.0	-46.5	1009	15	0	0
21	TD	08/07	4	27.0	-46.0	1009	15	0	0
22	TD	08/07	10	27.0	-45.6	1012	13	0	0
23	TD	08/07	16	27.0	-46.0	1012	13	0	0

4. TC = ATL9004 Name = DIANA All Points = 16

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/05	0	17.0	-84.0	1009	15	NW	10
2	TS	08/05	4	17.1	-84.2	1005	18	NW	12
3	TS	08/05	10	17.7	-85.4	1002	21	NW	12
4	TS	08/05	16	18.6	-86.7	1002	21	NW	12
5	TS	08/05	22	19.6	-88.1	1002	21	NW	12
6	TS	08/06	4	20.6	-90.2	1002	21	NW	18
7	TS	08/06	10	20.8	-90.2	1002	21	NW	13
8	TS	08/06	16	21.0	-92.3	1000	23	WNW	15
9	STS	08/06	22	20.7	-93.0	997	26	W	10
10	STS	08/07	4	20.7	-94.5	994	28	W	10
11	T	08/07	10	20.5	-95.7	987	38	W	13
12	T	08/07	16	20.6	-95.9	980	44	W	8
13	T	08/07	22	21.0	-97.7	990	33	W	9
14	TS	08/08	4	20.9	-98.6	1002	21	W	10
15	TD	08/08	10	20.5	-100.0	1009	15	W	10
16	TD	08/08	16	20.5	-101.5	1009	15	W	15

5. TC = ATL9005 Name = EDOUARD All Points = 20

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/06	22	37.5	-33.5	1009	15	W	2
2	TD	08/07	4	37.5	-33.8	1009	15	W	2
3	TD	08/07	10	37.8	-34.8	1012	13	WNW	6
4	TD	08/07	16	37.5	-34.0	1012	13	0	0
5	TD	08/07	22	37.0	-34.0	1012	13	0	0
6	TD	08/08	4	37.2	-33.6	1012	13	NE	3
7	TD	08/08	10	37.3	-33.5	1009	15	NE	3
8	TD	08/08	16	37.2	-33.0	1009	15	0	0
9	TS	08/08	22	37.4	-31.4	1005	18	ENE	6
10	TS	08/09	4	37.8	-30.3	1003	21	ENE	9
11	TS	08/09	10	38.3	-28.9	1003	21	ENE	10
12	TS	08/09	16	40.1	-27.8	1003	21	NE	13
13	TS	08/09	22	40.2	-27.6	1005	18	NE	5

14	TS	08/10	4	40.0	-29.7	1005	18	NE	1
15	TS	08/10	10	39.9	-26.5	1005	18	ENE	5
16	TD	08/10	16	39.5	-25.6	1009	15	E	5
17	TD	08/10	22	39.5	-24.5	1009	15	E	6
18	TD	08/11	4	39.0	-22.0	1009	15	E	12
19	TD	08/11	10	39.0	-22.0	1009	15	E	5
20	TD	08/11	16	39.0	-22.0	1009	13	E	2

6. TC = ATL9006 Name = FRAN All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/11	22	9.0	-34.2	1009	15	W	23
2	TD	08/12	4	9.0	-36.5	1009	15	W	23
3	TS	08/12	10	8.8	-39.1	1007	18	W	23
4	TS	08/12	16	8.0	-44.5	1007	18	W	25
5	TS	08/12	22	8.0	-45.0	1007	18	W	25
6	TS	08/13	22	9.3	-55.4	1007	18	W	25
7	TS	08/14	4	9.6	-56.6	1007	18	W	26
8	TS	08/14	10	9.6	-58.6	1007	18	W	23
9	TD	08/14	22	10.7	-61.8	1010	15	W	10

7. TC = ATL9007 Name = GUSTAV All Points = 40

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/24	16	13.1	-46.9	1009	15	WNW	10
2	TD	08/24	22	13.2	-48.3	1009	15	WNW	9
3	TS	08/25	0	13.4	-49.4	1002	21	W	15
4	TS	08/25	10	13.6	-50.6	1002	21	W	11
5	TS	08/25	16	13.8	-51.9	1000	23	W	12
6	TS	08/25	22	14.0	-53.1	1002	23	W	12
7	STS	08/26	4	14.2	-54.0	994	28	W	12
8	STS	08/26	10	14.3	-55.7	991	31	W	13
9	T	08/26	16	14.7	-56.2	987	33	W	11
10	T	08/26	22	15.1	-56.9	983	36	WNW	9
11	T	08/27	4	15.8	-57.4	983	36	NW	8
12	T	08/27	10	15.2	-58.0	974	44	NW	8
13	T	08/27	16	16.8	-58.4	970	46	NW	7
14	T	08/27	22	17.8	-58.2	970	46	N	8
15	T	08/28	4	18.5	-58.2	970	46	N	8
16	T	08/28	10	19.6	-58.0	970	46	N	9
17	T	08/28	16	20.8	-58.0	970	46	N	11
18	T	08/28	22	22.0	-58.0	977	41	N	11
19	T	08/29	4	22.5	-57.7	980	38	N	11
20	T	08/29	10	23.6	-57.6	983	36	N	9
21	T	08/29	16	24.5	-57.8	980	38	N	9
22	T	08/29	22	24.9	-57.8	980	38	N	6
23	T	08/30	4	25.3	-57.8	980	38	N	6
24	T	08/30	10	26.5	-57.7	977	41	N	7
25	T	08/30	16	27.0	-57.7	974	44	N	6
26	T	08/30	22	28.5	-57.7	965	49	N	12
27	T	08/31	4	29.8	-57.6	960	51	N	12
28	T	08/31	10	31.4	-57.1	956	54	N	14
29	T	08/31	16	32.8	-56.8	965	49	N	16
30	T	08/31	22	33.8	-56.3	965	49	NNE	14
31	T	09/01	4	35.2	-54.9	970	46	NNE	15
32	T	09/01	10	36.4	-53.9	974	44	NNE	16
33	T	09/01	16	37.6	-52.4	974	44	NNE	16
34	T	09/01	22	39.1	-50.9	974	44	NE	18
35	T	09/02	4	40.1	-50.0	980	38	NE	16
36	T	09/02	10	42.0	-48.7	983	36	NE	17
37	T	09/02	16	43.0	-48.0	983	36	NNE	16
38	L	09/02	22	45.2	-47.4	987	33	NNE	20

39 L 09/03 4 47.8 -45.4 991 31 NNE 25
 40 L 09/03 10 51.0 -40.5 994 28 NE 30

8. TC = ATL9008 Name = HORTENSE All Points = 26

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/25	4	12.2	-36.8	1009	15	W	13
2	TD	08/25	10	12.5	-37.2	1009	15	W	10
3	TD	08/25	16	13.8	-38.8	1009	15	W	12
4	TD	08/25	22	13.7	-40.0	1009	15	W	12
5	TD	08/26	4	13.6	-40.7	1009	15	W	12
6	TD	08/26	10	14.1	-40.8	1009	15	W	8
7	TS	08/26	16	14.5	-40.8	1005	18	W	8
8	TS	08/26	22	17.8	-40.1	1002	21	N	9
9	TS	08/27	4	17.6	-40.5	1002	21	N	5
10	TS	08/27	10	18.1	-40.8	1002	21	N	5
11	TS	08/27	16	19.1	-41.8	1002	21	NNW	7
12	TS	08/27	22	20.4	-43.5	1002	21	NW	11
13	STS	08/28	4	21.9	-44.1	997	26	NW	12
14	STS	08/28	10	22.3	-43.7	997	26	NNW	8
15	STS	08/28	16	22.6	-44.1	993	28	NNW	7
16	STS	08/28	22	23.2	-45.5	993	28	NW	8
17	STS	08/29	4	24.0	-46.4	993	28	WNW	13
18	STS	08/29	10	24.5	-46.8	997	26	NW	9
19	TS	08/29	16	25.8	-48.5	1000	23	NW	12
20	TS	08/29	22	27.1	-49.7	1005	18	NW	14
21	TD	08/30	4	28.5	-50.5	1009	15	NW	15
22	TD	08/30	10	29.4	-50.4	1009	15	NNW	12
23	TD	08/30	16	32.2	-51.7	1009	15	NNW	16
24	TD	08/30	22	33.9	-52.2	1009	15	NNW	16
25	TD	08/31	4	35.5	-52.0	1009	15	N	17
26	TD	08/31	10	37.5	-50.5	1009	15	N	18

9. TC = ATL9009 Name = ISIDORE All Points = 48

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/05	13	9.7	-34.0	1009	15	W	15
2	TS	09/05	16	9.9	-34.8	1005	18	W	16
3	TS	09/05	22	10.1	-35.1	1002	21	W	16
4	TS	09/06	4	12.0	-35.2	1002	21	WNW	12
5	STS	09/06	10	12.8	-36.3	997	26	WNW	12
6	STS	09/06	16	14.1	-36.8	991	31	NW	13
7	STS	09/06	22	15.7	-36.3	991	31	N	13
8	T	09/07	4	16.5	-37.4	987	33	NNW	12
9	T	09/07	10	17.6	-37.9	983	36	NW	11
10	T	09/07	16	19.2	-38.1	980	38	NNW	10
11	T	09/07	22	20.9	-37.9	978	44	N	12
12	T	09/08	4	21.9	-38.4	978	44	NNW	12
13	T	09/08	10	23.3	-38.9	978	41	NNW	13
14	T	09/08	16	23.5	-39.8	987	33	NNW	11
15	STS	09/08	22	25.0	-40.0	994	28	NNW	12
16	STS	09/09	4	26.5	-41.0	997	26	NNW	13
17	TS	09/09	10	27.3	-42.7	1002	21	NNW	13
18	STS	09/09	16	28.9	-44.1	994	28	NW	15
19	STS	09/09	22	29.0	-45.0	994	28	NW	12
20	STS	09/10	4	29.0	-45.5	991	31	WNW	5
21	STS	09/10	10	29.5	-45.7	991	31	NW	5
22	T	09/10	16	30.2	-46.7	987	33	NW	7
23	T	09/10	22	30.4	-46.9	987	33	NW	6
24	T	09/11	10	31.6	-47.6	980	38	NW	5
25	T	09/11	16	32.5	-48.1	980	38	NNW	7
26	T	09/11	22	33.3	-49.1	980	38	NW	8

27	T	09/12	4	33.5	-49.8	980	38	NW	5
28	T	09/12	10	33.7	-50.5	983	36	WNW	7
29	T	09/12	16	33.8	-51.0	983	36	WNW	3
30	T	09/12	22	34.3	-50.8	987	33	NNW	3
31	T	09/13	4	34.5	-50.8	987	33	NNW	4
32	T	09/13	10	34.8	-50.8	987	33	N	3
33	T	09/13	16	35.6	-51.1	987	33	N	5
34	T	09/13	22	36.0	-50.8	987	33	N	6
35	T	09/14	4	36.1	-49.9	987	33	NE	6
36	T	09/14	10	36.5	-49.2	987	33	NE	5
37	T	09/14	16	36.9	-48.3	987	33	NE	7
38	T	09/14	22	37.4	-47.5	987	33	NE	8
39	T	09/15	4	38.2	-46.8	987	33	NNE	9
40	T	09/15	10	39.7	-46.5	987	33	NNE	11
41	T	09/15	16	40.7	-47.2	987	33	N	11
42	T	09/15	22	41.0	-48.7	987	33	N	11
43	T	09/16	4	41.7	-48.5	987	33	N	11
44	STS	09/16	10	42.5	-47.5	994	28	NNE	11
45	STS	09/16	16	44.4	-46.3	994	28	NNE	18
46	L	09/16	22	45.9	-45.5	994	28	NNE	20
47	L	09/17	4	46.2	-43.0	1000	23	NE	21
48	L	09/17	10	47.2	-40.3	1002	21	NE	18

10. TC = ATL9010 Name = JOSEPHINE All Points = 56

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/21	10	13.2	-33.4	1009	15	W	8
2	TS	09/21	16	14.8	-33.1	1005	18	NW	7
3	TS	09/21	22	15.3	-33.3	1005	18	NW	7
4	TD	09/22	4	15.7	-33.6	1009	15	NW	5
5	TD	09/22	10	16.1	-33.8	1009	15	NW	5
6	TS	09/22	16	18.7	-34.8	1005	18	NW	6
7	TD	09/23	4	19.4	-34.3	1009	15	NWN	3
8	TD	09/23	10	19.7	-34.0	1009	15	WNW	3
9	TS	09/24	16	19.7	-34.2	1002	21	WNW	3
10	TS	09/24	22	19.5	-34.5	1000	23	0	0
11	TS	09/25	4	19.5	-34.5	1002	21	0	0
12	TS	09/25	10	19.7	-34.6	1002	21	NNW	2
13	TS	09/25	16	20.0	-35.1	1000	23	W	5
14	TS	09/25	22	20.3	-36.5	1002	21	W	10
15	TS	09/26	4	20.6	-36.8	1002	21	WNW	9
16	TS	09/26	10	20.9	-38.1	1002	21	W	8
17	TS	09/26	16	20.3	-39.0	1005	18	W	8
18	TS	09/26	22	20.1	-39.5	1005	18	W	7
19	TS	09/27	4	20.5	-39.5	1005	18	W	5
20	TS	09/27	10	20.4	-40.4	1005	18	W	6
21	TD	09/27	16	20.3	-40.5	1009	15	W	4
22	TD	09/27	22	20.3	-40.8	1012	13	W	4
23	TD	09/28	4	20.4	-40.8	1012	13	W	4
24	TD	09/28	10	20.7	-41.4	1012	13	W	5
25	TD	09/28	16	21.0	-41.5	1009	15	WNW	5
26	TD	09/28	22	21.8	-41.8	1009	15	NW	5
27	TD	09/29	4	22.1	-42.1	1012	13	NW	4
28	TD	09/29	10	22.5	-42.6	1012	13	NW	4
29	TS	09/29	16	23.6	-43.8	1005	18	NW	8
30	TD	09/29	22	24.2	-45.2	1009	15	NW	10
31	TS	09/30	4	25.3	-46.5	1005	18	NW	10
32	TD	09/30	10	25.3	-46.5	1009	15	NW	10
33	TD	09/30	16	27.2	-46.0	1009	15	N	13
34	TD	09/30	22	28.2	-45.4	1009	15	N	13
35	TD	10/01	4	29.5	-45.0	1009	15	NE	12

36	TD	10/01	10	29.8	-43.5	1009	15	NE	12
37	TD	10/01	16	30.3	-41.1	1009	15	NE	16
38	TD	10/01	22	30.5	-39.0	1009	15	NE	8
39	TD	10/02	4	30.5	-39.0	1009	15	ENE	1
40	TD	10/02	10	30.0	-39.2	1009	15	0	0
41	TD	10/02	16	29.7	-39.4	1009	15	0	0
42	TD	10/02	22	29.7	-38.5	1009	15	0	0
43	TD	10/03	4	30.0	-39.0	1009	15	0	0
44	TD	10/03	10	29.5	-39.5	1009	15	0	0
45	TS	10/03	16	28.5	-47.0	1005	18	WSW	6
46	STS	10/03	22	28.0	-42.0	997	26	WSW	6
47	STS	10/04	4	28.3	-42.4	997	26	W	6
48	STS	10/04	10	28.5	-43.0	997	26	WNW	6
49	STS	10/04	16	29.5	-42.7	994	28	N	6
50	STS	10/04	22	30.1	-42.5	991	31	N	8
51	T	10/05	4	30.4	-41.3	987	33	NE	7
52	T	10/05	10	30.4	-40.0	987	33	ENE	9
53	T	10/05	16	32.6	-38.2	987	33	NE	16
54	T	10/05	22	35.5	-37.0	983	36	NNE	29
55	T	10/06	4	39.1	-37.2	980	38	N	28
56	L	10/06	10	40.9	-40.2	987	33	NE	30

11. TC = ATL9011 Name = KLAUS All Points = 24

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/04	0	16.0	-59.0	1009	15	SW	3
2	STS	10/04	4	16.9	-60.0	997	26	NW	5
3	STS	10/04	10	16.5	-60.1	997	26	0	0
4	STS	10/04	16	16.6	-60.5	997	26	NW	2
5	STS	10/04	22	17.0	-61.0	997	26	NW	2
6	STS	10/05	4	17.3	-61.4	994	28	NW	4
7	STS	10/05	10	17.2	-61.3	994	28	0	0
8	T	10/05	16	17.2	-61.3	985	36	0	0
9	T	10/05	22	17.9	-61.5	987	33	NNW	5
10	T	10/06	4	18.3	-61.8	987	33	NNW	5
11	STS	10/06	10	18.3	-62.2	991	31	NW	5
12	STS	10/06	16	18.6	-62.4	991	31	NW	5
13	STS	10/06	22	18.8	-62.7	991	31	NW	5
14	STS	10/07	4	19.2	-62.8	994	28	NW	4
15	STS	10/07	10	19.2	-63.8	997	26	WNW	7
16	STS	10/07	16	19.0	-64.2	991	31	W	7
17	TS	10/07	22	19.5	-65.5	1005	18	W	9
18	TD	10/08	4	19.9	-67.3	1009	15	WNW	12
19	TD	10/08	10	20.6	-68.8	1009	15	WNW	13
20	TD	10/08	16	21.3	-69.8	1009	15	WNW	13
21	TS	10/08	22	22.1	-70.8	1005	18	NW	13
22	TS	10/09	4	22.6	-71.9	1000	23	WNW	11
23	TS	10/09	10	22.8	-73.8	1000	23	WNW	13
24	TD	10/09	16	24.0	-76.0	1009	15	NW	13

12. TC = ATL9012 Name = LILI All Points = 23

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/08	0	32.0	-47.0	1009	15	NW	5
2	STS	10/08	22	32.7	-47.5	994	28	NW	6
3	STS	10/09	4	31.5	-48.6	994	28	SW	9
4	STS	10/09	10	31.1	-49.2	994	28	W	7
5	STS	10/09	16	30.3	-49.0	994	28	SSW	8
6	STS	10/10	16	31.0	-52.3	997	26	W	12
7	STS	10/10	22	31.3	-54.5	994	28	W	18
8	T	10/11	4	31.3	-57.3	987	33	W	17
9	T	10/11	10	31.0	-59.8	987	33	W	18

10	T	10/11	16	30.8	-63.0	987	33	W	23
11	T	10/11	22	30.5	-65.5	987	33	W	18
12	T	10/12	4	29.5	-67.8	987	33	W	20
13	T	10/12	10	30.0	-70.0	987	33	W	19
14	T	10/12	16	30.3	-71.5	987	33	WNW	16
15	T	10/12	22	31.7	-72.1	987	33	NW	13
16	T	10/13	4	32.8	-72.3	987	33	NNW	12
17	T	10/13	10	33.1	-72.1	987	33	NNE	12
18	STS	10/13	16	35.0	-72.4	994	28	N	12
19	STS	10/13	22	36.3	-71.8	997	26	N	14
20	TS	10/14	4	37.3	-70.8	1000	23	NNE	12
21	TS	10/14	10	38.5	-68.5	1000	23	NE	18
22	L	10/14	16	40.9	-65.2	994	28	NE	28
23	L	10/14	22	44.0	-63.0	994	28	NE	32

13. TC = ATL9013 Name = MARCO All Points = 10

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/10	0	24.5	-82.5	1009	15	0	0
2	TS	10/10	10	24.7	-82.7	1005	18	NW	10
3	TS	10/10	16	25.4	-82.9	1003	18	NW	9
4	TS	10/10	22	25.3	-82.7	994	23	N	5
5	STS	10/11	4	26.6	-82.4	990	28	N	9
6	STS	10/11	10	27.4	-82.9	989	28	NNW	8
7	STS	10/11	16	28.0	-82.8	997	26	N	9
8	TD	10/11	22	28.9	-83.0	1006	15	N	9
9	TD	10/12	4	29.8	-83.2	1009	15	N	9
10	TD	10/12	10	30.0	-83.0	1009	15	N	9

14. TC = ATL9014 Name = NANA All Points = 19

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/16	22	22.1	-62.3	1009	15	W	4
2	TD	10/17	4	22.0	-62.8	1009	15	W	4
3	TD	10/17	10	22.0	-62.9	1009	15	W	3
4	TS	10/17	16	22.4	-63.7	1005	18	W	6
5	TS	10/17	22	22.9	-64.1	1000	23	WNW	7
6	STS	10/18	4	23.8	-63.7	994	28	NNW	6
7	STS	10/18	10	24.5	-63.8	991	31	N	6
8	T	10/18	16	25.7	-64.3	989	33	NW	11
9	T	10/18	22	26.9	-65.5	989	33	NW	11
10	T	10/19	4	27.8	-66.6	989	38	NW	13
11	T	10/19	10	28.5	-66.8	993	33	NW	10
12	T	10/19	16	29.1	-66.7	989	33	N	8
13	T	10/19	22	29.2	-66.6	989	33	N	4
14	STS	10/20	4	29.7	-66.2	991	31	NNE	4
15	STS	10/20	10	29.7	-65.5	994	28	ENE	4
16	TS	10/20	16	29.5	-65.5	1000	23	0	0
17	TS	10/20	22	29.2	-65.2	1002	21	0	0
18	TS	10/21	4	28.1	-64.3	1005	18	ESE	5
19	TD	10/21	10	28.8	-63.9	1009	15	ESE	4

1990. North Indian Ocean

1. TC = NIN9001 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	04/16	9	10.9	88.4	1002	13	W	1
2	TD	04/16	20	10.8	87.2	1002	13	W	8
3	TS	04/17	16	9.5	85.0	997	18	SW	12

4 TS 04/18 8 14.1 88.4 997 18 NNE 15
5 TD 04/18 20 14.3 89.2 1003 15 E 7

2. TC = NIN9002 Name = NO NAME All Points = 16

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	05/03	9	7.9	88.1	1000	15	N	3
2	TD	05/03	21	8.2	88.1	1000	15	N	7
3	TS	05/04	9	9.4	88.1	997	18	N	10
4	TS	05/04	21	9.8	85.2	997	18	WNW	12
5	STS	05/05	9	10.4	85.0	987	26	N	10
6	STS	05/05	21	11.0	84.1	987	26	NW	10
7	T	05/06	9	10.4	83.1	971	37	SW	8
8	T	05/06	21	10.7	82.4	971	37	WNW	5
9	T	05/07	0	11.0	82.0	971	37	NW	7
10	T	05/07	9	11.1	81.9	971	37	NW	3
11	T	05/07	21	12.5	81.7	954	46	NNW	7
12	T	05/08	6	13.7	81.7	954	46	N	9
13	T	05/08	20	14.8	80.9	927	60	NW	9
14	T	05/09	10	15.5	80.8	948	49	N	9
15	T	05/09	15	15.7	80.5	971	36	NW	5
16	TD	05/09	21	16.0	80.0	1000	15	NW	3

3. TC = NIN9003 Name = NO NAME All Points = 3

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/07	12	21.0	87.5	1000	15	W	3
2	STS	10/08	0	20.8	87.0	987	26	W	3
3	TD	10/08	21	20.9	87.0	1000	15	N	2

4. TC = NIN9004 Name = NO NAME All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	12/13	12	6.2	86.3	1005	15	N	1
2	TS	12/13	22	6.4	86.5	1003	18	NE	5
3	TS	12/14	22	9.0	86.0	1000	18	N	10
4	TS	12/15	0	8.0	88.0	1000	18	ESE	15
5	TS	12/15	12	10.0	86.0	998	21	NW	10
6	TS	12/16	0	12.0	85.0	1000	21	NNW	8
7	STS	12/16	8	13.4	86.0	998	26	NE	8
8	STS	12/16	12	14.0	85.0	1000	26	NW	10
9	STS	12/17	0	15.5	86.5	1000	26	NE	7
10	T	12/17	8	16.8	87.1	998	33	NE	7
11	T	12/17	12	18.5	87.5	995	36	N	15
12	T	12/17	22	19.5	89.5	995	38	ENE	15
13	TD	12/18	7	20.5	90.4	1004	15	NE	7

1990. South Indian Ocean

1. TC = SIN9001 Name = BAOMAVO All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/01	0	-10.0	89.0	1000	15	S	3
2	TS	01/02	0	-10.5	89.5	994	21	SE	5
3	TS	01/03	6	-12.5	89.0	994	21	S	10
4	TS	01/03	9	-13.0	89.2	991	23	S	7
5	STS	01/04	0	-13.6	87.0	987	26	WSW	10
6	T	01/05	2	-17.0	85.5	963	41	SSW	15
7	STS	01/06	3	-20.3	84.8	980	31	SSW	15
8	T	01/06	12	-23.5	85.5	967	38	SSE	10
9	STS	01/07	0	-24.0	84.9	980	31	SW	8

10 STS 01/07 6 -26.3 87.6 980 31 SE 12
11 TS 01/07 10 -27.0 85.8 991 23 WSW 12
12 TS 01/07 21 -28.5 86.8 997 18 SSE 10
13 TD 01/08 9 -30.0 88.0 1000 15 SE 10

2. TC = SIN9002 Name = SAM All Points = 8

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/12	18	-13.0	124.0	1000	15	SW	3
2	TS	01/14	3	-13.2	121.0	997	18	W	10
3	TS	01/14	6	-13.0	121.0	994	21	0	0
4	STS	01/15	3	-15.0	117.5	987	26	WSW	17
5	TS	01/16	3	-16.3	111.1	991	23	WSW	15
6	TS	01/17	3	-18.5	112.0	994	21	S	15
7	TS	01/18	2	-20.5	106.6	997	18	SW	15
8	TD	01/19	0	-21.0	105.0	1000	15	SW	6

3. TC = SIN9003 Name = ROZITA All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/14	0	-15.2	101.1	1000	15	0	0
2	TS	01/14	3	-15.3	101.0	997	18	S	1
3	TS	01/14	6	-15.3	101.0	997	18	0	0
4	TD	01/15	3	-18.3	100.4	1000	15	SSW	15

4. TC = SIN9004 Name = TINA All Points = 8

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/23	6	-16.0	116.0	1000	15	NW	4
2	TD	01/25	0	-15.0	114.0	1000	15	WNW	10
3	TS	01/26	2	-16.2	111.1	997	18	WSW	15
4	TS	01/26	17	-19.0	111.7	997	18	SSE	10
5	TS	01/27	2	-20.0	112.3	994	21	SE	8
6	TS	01/27	6	-21.1	113.7	994	21	SE	8
7	TD	01/28	0	-25.0	115.0	1000	15	SSE	15
8	TD	01/29	0	-27.0	117.0	1000	15	SE	10

5. TC = SIN9005 Name = CEZEKA All Points = 19

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/31	10	-10.6	58.3	1000	15	SE	5
2	TS	02/01	4	-11.0	59.5	997	18	SE	5
3	TS	02/01	18	-11.1	58.6	997	18	W	5
4	STS	02/02	0	-11.1	59.0	987	26	E	8
5	T	02/02	10	-11.5	59.5	976	33	SE	8
6	T	02/03	3	-12.9	60.2	975	33	SE	10
7	STS	02/03	10	-13.4	60.0	984	28	SW	10
8	STS	02/03	21	-14.0	58.2	987	26	WSW	10
9	TS	02/04	10	-13.1	59.0	991	23	NE	8
10	STS	02/05	4	-12.3	58.2	984	28	NW	5
11	STS	02/05	11	-12.0	57.8	987	26	W	3
12	TS	02/06	4	-12.0	57.0	994	21	W	5
13	TS	02/06	11	-12.5	57.0	994	21	S	5
14	TS	02/07	1	-13.8	56.2	994	21	SW	10
15	TS	02/07	10	-14.5	56.7	997	18	S	10
16	TS	02/08	3	-15.4	59.2	991	23	ESE	12
17	TS	02/08	11	-17.0	60.5	997	18	SSE	10
18	TS	02/09	3	-15.7	63.8	997	18	ENE	15
19	TD	02/09	10	-16.2	64.7	1000	15	SE	5

6. TC = SIN9006 Name = DETY All Points = 16

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/02	0	-11.0	71.0	1000	15	S	5
2	STS	02/03	3	-13.0	70.5	987	26	SSW	12

3	STS	02/03	10	-14.3	69.4	987	26	SSW	10										
4	T	02/03	21	-15.3	67.5	972	37	SW	12										
5	T	02/04	2	-16.1	67.4	972	37	S	8										
6	T	02/04	10	-16.2	67.1	972	37	0	0										
7	T	02/05	0	-16.5	66.2	958	44	SW	5										
8	T	02/05	9	-16.8	66.9	967	38	SW	5										
9	STS	02/06	2	-17.0	68.0	984	28	ESE	10										
10	STS	02/06	9	-17.5	69.0	984	28	SE	8										
11	T	02/07	1	-18.2	73.2	976	33	ESE	10										
12	T	02/07	10	-17.7	74.8	976	33	ENE	7										
13	STS	02/07	20	-15.8	77.6	980	31	NE	12										
14	TS	02/08	3	-16.0	78.0	991	23	E	7										
15	TS	02/08	9	-17.5	76.5	997	18	SW	10										
16	TD	02/08	21	-18.0	76.3	1000	15	SW	3										
7. TC = SIN9007										Name = NO NAME			All Points = 5						
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel										
1	TD	02/20	2	-18.6	52.5	1002	13	0	0										
2	TD	02/20	10	-18.6	52.5	1000	15	0	0										
3	TS	02/21	3	-19.0	55.5	997	18	ESE	10										
4	TS	02/21	10	-19.2	57.4	997	18	ESE	10										
5	TD	02/21	21	-20.0	57.5	1000	15	SE	3										
8. TC = SIN9008										Name = VINCENT			All Points = 8						
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel										
1	TD	03/01	3	-17.0	118.8	1000	15	SW	5										
2	TS	03/02	6	-17.7	114.0	997	18	WSW	10										
3	STS	03/03	3	-18.5	111.8	987	26	WSW	12										
4	STS	03/03	6	-19.0	113.0	987	26	ESE	12										
5	T	03/04	3	-21.4	110.2	972	36	SW	15										
6	STS	03/05	3	-25.8	108.0	987	26	SSW	15										
7	STS	03/06	0	-27.0	111.0	987	26	SE	10										
8	TD	03/06	20	-28.0	112.0	1000	15	SE	5										
9. TC = SIN9009										Name = EDISAONA			All Points = 13						
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel										
1	TD	03/01	3	-13.5	68.0	1000	15	SW	3										
2	TS	03/01	10	-14.2	65.6	997	18	WSW	10										
3	TS	03/02	3	-14.8	62.5	991	23	WSW	10										
4	TS	03/02	10	-15.5	62.7	991	23	S	7										
5	STS	03/03	2	-16.0	62.0	987	26	S	5										
6	STS	03/03	10	-16.4	62.4	980	31	S	7										
7	T	03/04	6	-17.4	62.2	976	33	S	10										
8	T	03/04	10	-17.8	61.2	967	38	WSW	5										
9	T	03/05	3	-18.0	61.5	966	39	SE	10										
10	T	03/06	3	-20.4	61.5	943	51	S	10										
11	T	03/07	3	-26.7	62.3	967	38	SSE	20										
12	STS	03/07	11	-31.2	63.0	987	26	SSE	20										
13	TD	03/07	22	-32.5	64.0	1000	15	SE	10										
10. TC = SIN9010										Name = FELANA			All Points = 20						
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel										
1	TD	03/07	0	-13.0	82.7	1000	15	S	3										
2	TS	03/07	9	-13.2	82.8	997	18	S	5										
3	TS	03/08	2	-13.2	80.8	991	23	W	8										
4	TS	03/08	10	-13.7	78.3	997	18	WSW	10										
5	TS	03/09	2	-15.3	73.5	997	18	WSW	17										
6	TS	03/09	9	-16.8	76.4	997	18	ESE	15										
7	TS	03/10	3	-17.5	72.5	997	18	WSW	15										
8	TD	03/10	10	-17.0	70.5	1000	15	WNW	8										
9	TS	03/11	3	-15.2	69.3	997	18	NW	10										
10	TS	03/11	10	-16.1	68.6	991	23	SW	7										
11	TS	03/12	3	-16.5	67.8	991	23	SW	5										
12	TS	03/12	10	-17.3	67.7	991	23	S	5										
13	TS	03/12	15	-19.2	67.8	997	18	S	10										
14	TS	03/13	0	-20.0	67.0	997	18	SW	5										
15	TS	03/13	12	-22.0	66.5	991	23	SSW	8										
16	TS	03/13	15	-22.3	66.2	997	18	SW	1										
17	TS	03/14	3	-23.6	65.5	991	23	SW	7										
18	TS	03/14	9	-25.4	65.7	991	23	S	10										
19	TS	03/15	3	-28.6	67.0	997	18	SE	10										
20	TD	03/15	15	-29.0	67.3	1000	15	SE	3										
11. TC = SIN9011										Name = NO NAME			All Points = 4						
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel										
1	TD	03/04	20	-16.2	94.0	1000	15	S	5										
2	TS	03/06	0	-18.0	96.0	991	23	SE	10										
3	TS	03/06	7	-20.0	97.2	994	21	SE	8										
4	TD	03/07	7	-20.9	96.1	1000	15	SW	5										
12. TC = SIN9012										Name = GREGOARA			All Points = 28						
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel										
1	TD	03/12	8	-13.6	96.2	1000	15	NW	5										
2	TD	03/13	0	-13.0	93.0	1000	15	WNW	10										
3	TS	03/13	7	-12.1	91.8	994	21	NW	10										
4	TS	03/13	20	-13.2	92.6	994	21	SE	8										
5	TS	03/14	3	-10.0	88.0	994	21	NW	15										
6	STS	03/14	7	-11.5	87.7	987	26	SW	7										
7	STS	03/15	0	-11.0	86.5	987	26	NW	5										
8	T	03/15	9	-12.1	85.3	976	33	SW	8										
9	T	03/16	0	-13.1	83.2	976	33	SW	10										
10	T	03/16	3	-13.0	83.5	976	33	E	3										
11	T	03/16	9	-13.7	83.6	963	41	S	5										
12	T	03/16	20	-14.6	82.9	967	38	SW	10										
13	T	03/17	2	-15.4	83.5	963	41	SE	10										
14	T	03/17	12	-15.8	82.3	963	41	SW	5										
15	T	03/18	2	-16.7	81.5	954	46	SW	10										
16	T	03/18	9	-17.6	80.8	954	46	SW	10										
17	T	03/19	0	-19.0	79.0	943	51	SW	12										
18	T	03/19	8	-19.1	77.9	947	50	W	13										
19	T	03/20	3	-21.0	77.5	967	38	S	15										
20	T	03/20	10	-21.8	76.6	967	38	SW	8										
21	STS	03/21	3	-22.6	75.9	987	26	SW	7										
22	TS	03/21	10	-23.5	74.5	991	23	SW	10										
23	TS	03/22	2	-25.0	73.8	996	20	SSW	12										
24	TS	03/22	10	-25.2	74.2	996	20	ESE	5										
25	TS	03/23	2	-26.0	76.5	997	18	ESE	10										
26	TS	03/23	9	-26.5	78.0	997	18	ESE	8										
27	TD	03/24	3	-26.5	81.5	1000	15	E	12										
28	TD	03/24	9	-27.3	77.3	1000	15	WSW	10										
13. TC = SIN9013										Name = ALEX			All Points = 14						
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel										
1	TD	03/15	3	-12.6	113.0	1000	15	W	3										
2	TS	03/16	3	-12.5	110.8	994	21	W	10										

8	T	03/19	18	-17.0	102.0	943	51	SW	15
9	T	03/20	5	-17.3	99.8	922	63	W	15
10	T	03/21	8	-20.4	93.9	949	50	WSW	20
11	T	03/22	0	-22.0	93.0	949	50	SSW	13
12	STS	03/22	8	-23.8	91.0	980	31	SW	10
13	STS	03/23	8	-26.9	92.0	987	26	SSE	15
14	TD	03/23	21	-27.3	92.3	1000	15	SE	8

14. TC = SIN9014 Name = BESSI All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	04/12	0	-8.7	89.5	1000	15	S	3
2	TS	04/12	6	-9.0	89.0	994	21	SW	3
3	TS	04/13	2	-10.0	87.0	995	20	WSW	10
4	TS	04/13	9	-10.7	87.3	995	20	SE	5
5	TS	04/13	20	-12.7	87.8	997	18	SSE	10
6	TD	04/14	9	-14.0	89.0	1000	15	SE	10
7	TD	04/14	20	-13.8	88.2	1000	15	W	5
8	TS	04/15	9	-16.7	91.0	997	18	SE	15
9	TS	04/15	20	-18.2	92.2	997	18	SE	13
10	TS	04/16	9	-17.6	91.9	997	18	NW	10
11	TD	04/16	20	-19.0	92.6	1002	13	SE	10

15. TC = SIN9015 Name = HANTA All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	04/12	0	-12.0	46.0	1000	15	SE	3
2	TS	04/12	22	-12.5	46.5	994	21	SE	5
3	TS	04/13	4	-12.6	46.3	997	18	0	0
4	TS	04/13	11	-14.1	46.7	991	23	SSE	10
5	TS	04/13	23	-14.0	46.1	991	23	W	3
6	TD	04/14	11	-14.7	46.5	1000	15	SE	3

16. TC = SIN9016 Name = IKONJO All Points = 20

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	05/13	0	-9.4	65.0	1000	15	N	3
2	TS	05/13	3	-9.1	64.8	997	18	NW	3
3	TS	05/13	10	-9.5	64.3	997	18	SW	5
4	TS	05/14	4	-11.0	63.7	994	21	SW	10
5	TS	05/14	10	-11.5	62.5	991	23	SW	8
6	TS	05/14	22	-11.3	61.3	991	23	WNW	7
7	TS	05/15	2	-11.3	61.0	991	23	W	3
8	TS	05/15	10	-11.5	62.5	991	23	E	8
9	TS	05/15	23	-10.5	57.5	991	23	WNW	10
10	TS	05/16	10	-10.2	57.1	991	23	NW	1
11	TS	05/17	0	-9.4	56.4	991	23	NW	5
12	STS	05/17	10	-8.7	54.7	987	26	WNW	10
13	STS	05/18	1	-7.2	53.6	987	26	NW	10
14	T	05/18	11	-7.2	54.0	976	33	E	3
15	STS	05/19	3	-6.8	53.2	984	28	NW	5
16	TS	05/19	11	-6.8	53.5	991	23	E	3
17	TS	05/19	22	-6.2	52.8	991	23	NW	5
18	TS	05/20	11	-5.8	52.5	997	18	NW	5
19	TS	05/21	4	-5.2	51.5	997	18	WNW	5
20	TD	05/21	22	-5.1	51.3	1000	15	0	0

1990. Southwest Pacific Ocean

1. TC = SWP9001 Name = NO NAME All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/20	18	-16.0	161.0	1000	15	0	0
2	TD	01/21	18	-16.0	161.0	1000	15	0	0
3	TD	01/22	6	-17.0	161.0	1000	15	S	5
4	TS	01/23	0	-17.0	161.0	997	18	0	0
5	TD	01/23	6	-18.0	161.0	1000	15	S	5
6	TS	01/23	18	-21.0	163.0	997	18	SE	12
7	TS	01/24	6	-24.0	164.0	997	18	SSE	12
8	TD	01/25	0	-29.0	160.0	1000	15	SW	15
9	TD	01/25	12	-32.0	161.0	1000	15	SSE	10

2. TC = SWP9002 Name = NANSI All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/27	0	-15.0	157.0	1000	15	S	8
2	TD	01/27	3	-16.7	156.2	1000	15	SSW	20
3	TD	01/28	3	-19.8	155.1	1000	15	SSW	10
4	TD	01/29	3	-18.2	153.5	1002	13	NW	13
5	TS	01/30	0	-15.0	153.0	997	18	NNW	20
6	TS	01/31	3	-16.2	159.7	994	21	ESE	12
7	TS	01/31	6	-17.5	160.5	991	23	SE	8
8	TS	01/31	12	-19.0	160.5	991	23	S	12
9	TS	02/01	3	-24.2	159.4	994	21	SSW	15
10	TS	02/01	6	-27.0	157.0	994	21	SW	21
11	TD	02/02	6	-27.1	154.4	1000	15	W	10

3. TC = SWP9003 Name = OFA All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/29	0	-10.0	-176.0	1000	15	N	3
2	STS	02/01	6	-9.0	-177.0	984	28	NW	8
3	STS	02/01	18	-9.5	-176.0	980	31	SE	6
4	STS	02/02	8	-11.0	-175.0	980	31	SSE	8
5	STS	02/02	12	-11.1	-174.2	980	31	E	7
6	T	02/03	6	-13.0	-174.0	963	41	S	15
7	T	02/04	0	-14.6	173.5	954	46	SSE	10
8	T	02/04	8	-16.0	-172.0	954	46	SE	13
9	STS	02/05	20	-22.0	-169.0	984	28	SSE	15
10	TS	02/06	8	-23.5	-168.5	994	21	SE	8
11	TD	02/07	0	-26.0	-168.0	1000	15	S	20

4. TC = SWP9004 Name = PENNI All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/14	0	-15.0	-157.8	1000	15	W	1
2	TS	02/14	6	-15.0	-158.0	991	23	W	5
3	STS	02/15	8	-17.0	-160.0	987	26	SW	10
4	STS	02/15	20	-20.5	-159.0	980	31	SSE	13
5	T	02/16	0	-22.0	-157.0	972	36	SE	10
6	T	02/16	8	-23.0	-156.0	972	36	SE	13
7	STS	02/16	20	-25.0	-153.0	984	28	SE	10
8	STS	02/17	0	-26.0	-152.0	987	26	SE	10
9	TD	02/17	20	-27.0	-151.5	1000	15	S	6

5. TC = SWP9005 Name = HILDA All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	03/05	0	-20.0	150.8	1000	15	E	3
2	TS	03/05	6	-20.0	151.0	997	18	E	10
3	TS	03/06	3	-17.2	153.5	994	21	NE	15

