

1984. Chronology

The 88 tropical cyclones and 5 tropical disturbances were recorded in the Word Ocean

1. Northwest Pacific Ocean — 27 TC

N	Number	Name	Lat	Long	Dates	Max Stage
1	8401	VERNON	14.0	112.5	06/09–06/11	TS
2	8402	WYNNE	19.5	132.8	06/19–06/26	STS
3	8403	ALEX	15.5	125.0	07/01–07/04	T
4	8404	BETTY	13.5	128.0	07/04–07/10	STS
5	8405	CARY	17.0	149.0	07/06–07/17	T
6	8406	DINAH	21.0	158.0	07/24–08/01	T
7	8407	ED	28.6	135.0	07/25–08/01	T
8	8408	FREDA	13.0	132.5	08/03–08/10	STS
9	8409	GERALD	22.0	120.0	08/14–08/22	STS
10	8410	HOLLY	21.0	133.0	08/15–08/22	T
11	8411	IKE	11.0	145.0	08/27–09/06	T
12	8412	JUNE	17.0	132.0	08/26–08/31	STS
13	8413	KELLY	22.0	172.0	09/13–09/19	T
14	8414	LYNN	19.5	117.5	09/24–09/26	TS
15	8415	MAURY	24.0	150.0	09/27–10/01	STS
16	8416	NINA	21.0	142.0	09/26–10/02	TS
17	8417	OGDEN	15.0	152.0	10/07–10/10	T
18	8418	PHILLIS	21.0	153.0	10/10–10/14	T
19	8419	ROY	11.0	141.0	10/10–10/13	TS
20	8420	SUSAN	13.0	117.0	10/11–10/12	TS
21	8421	THAD	8.5	149.5	10/17–10/23	T
22	8422	VANESSA	7.8	153.0	10/23–10/30	T
23	8423	WARREN	13.0	118.0	10/23–11/02	STS
24	8424	AGNES	5.5	144.0	11/01–11/07	T
25	8425	BILL	12.8	156.5	11/08–11/22	T
26	8426	CLARA	5.0	156.0	11/14–11/22	T
27	8427	DOYLE	7.0	137.5	12/04–12/10	T

2. Northeast Pacific Ocean — 16 TC, 2 TD

N	Number	Name	Lat	Long	Dates	Max Stage
1	8401	ALMA	9.0	–99.5	05/17–05/22	STS
2	8402	BORIS	11.2	–94.2	05/28–06/06	T
3	8403	CHRISTINA	8.5	–91.0	06/19–06/26	T
4	8404	DOUGLAS	13.0	–120.0	06/28–07/04	T
5	8405	ELIDA	16.0	–102.0	06/29–07/08	T
6	8406	FAUSTO	9.0	–94.0	06/30–07/10	T
7	8407	GENEVIEVE	10.5	–95.5	07/07–07/14	T
8	8408	HERMAN	16.1	–111.0	07/27–07/31	TS
9	8409	ISELLE	13.0	–99.0	08/03–08/12	T
10	8410	JULIO	14.4	–100.3	08/15–08/21	STS
11	8411	KENNA	12.2	–134.0	08/16–08/18	TS
12	8412	LOWELL	13.0	–117.0	08/26–08/30	T
13	8413	MARIE	16.0	–106.0	09/05–09/11	T
14	84-1	NO NAME	14.5	–95.5	09/11–09/12	TD
15	8414	NORBERT	18.5	–115.6	09/14–09/26	T
16	84-2	NO NAME	17.0	–102.0	09/14–09/15	TD
17	8415	ODILE	14.0	–101.7	09/17–09/23	T

18	8416	POLO	13.6	-100.5	09/26-10/03	T
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3. North Atlantic Ocean — 12 TC

N	Number	Name	Lat	Long	Dates	Max Stage
1	8401	ARTHUR	10.5	-56.0	08/28-09/05	TS
2	8402	BERTHA	13.5	-42.5	08/30-09/05	TS
3	8403	CESAR	39.0	-65.0	08/31-09/02	STS
4	8404	DIANA	26.0	-77.0	09/08-09/16	T
5	8406	FRAN	15.0	-25.0	09/15-09/20	STS
6	8407	GUSTAV	31.5	-67.0	09/16-09/19	TS
7	8408	HORTENSE	27.5	-59.5	09/23-10/02	T
8	8409	ISIDORE	25.0	-77.0	09/25-10/01	STS
9	8410	JOSEPHINE	24.0	-70.0	10/07-10/21	T
10	8411	KLAUS	17.0	-67.0	11/05-11/13	T
11	8412	LILI	33.0	-53.0	12/12-12/24	T

No information about N 8405 is available.

4. North Indian Ocean — 4 TC

N	Number	Name	Lat	Long	Dates	Max Stage
1	8401	NO NAME	13.0	52.0	05/26-05/28	STS
2	8402	NO NAME	19.0	89.3	10/12-10/14	STS
3	8403	NO NAME	9.5	87.2	11/09-11/14	T
4	8404	NO NAME	8.5	85.5	11/27-12/05	T

5. South Indian Ocean — 17 TC, 1 TD

N	Number	Name	Lat	Long	Dates	Max Stage
1	8401	TIM	-14.0	105.0	01/03-01/09	STS
2	8402	NO NAME	-16.0	43.0	01/05-01/09	TS
3	8403	DOMOINA	-14.8	59.3	01/18-01/29	STS
4	8404	EDOARA	-17.0	74.0	01/20-01/26	TS
5	8405	VIVIENNE	-15.0	91.0	01/25-01/30	STS
6	84-1	NO NAME	-14.0	56.5	01/29-02/02	TD
7	8407	HAJA	-15.0	77.0	02/05-02/21	TS
8	8408	WILLY	-15.0	108.0	02/07-02/09	TS
9	8409	ANNETE	-11.0	96.0	02/05-02/23	T
10	8410	IMBOA	-18.5	41.5	02/11-02/18	STS
11	8411	BOBBY	-18.0	117.0	02/18-02/23	TS
12	8412	CHLOE	-16.0	123.0	02/27-03/02	STS
13	8413	DARYL	-13.0	97.0	03/11-03/18	T
14	8414	KAMISY	-13.0	73.0	04/04-04/14	T
15	8415	ANETY	-10.0	75.5	11/10-11/22	TS
16	8416	BOBALAHY	-14.0	78.5	12/03-12/08	STS
17	8417	EMMA	-15.0	108.0	12/10-12/12	TS

No information about N 8406 is available.

6. Southwest Pacific Ocean — 12 TC, 2 TD

N	Number	Name	Lat	Long	Dates	Max Stage
1	8401	GRACE	-15.0	151.0	01/12-01/19	TS
2	8402	BETI	-17.0	162.0	02/02-02/06	STS
3	8403	HARVEY	-16.0	155.0	02/05-02/10	STS
4	8404	NO NAME	-21.0	169.0	02/21-02/24	STS
5	8405	INGRID	-18.0	150.0	02/21-02/25	TS
6	8406	JIM	-11.0	144.0	03/07-03/09	TS
7	8407	CYRIL	-16.0	174.0	03/16-03/19	TS

8	8408	KATHY	-13.0	146.0	03/17-03/23	STS
9	8409	NO NAME	-17.0	173.0	03/22-03/26	TS
10	84-1	NO NAME	-13.0	153.0	03/22-03/25	TD
11	8410	NO NAME	-11.0	180.0	03/28-04/01	TS
12	8411	LANCE	-10.0	150.0	04/04-04/09	STS
13	84-2	NO NAME	-10.2	137.5	04/04-04/06	TD
14	8412	MONICA	-17.0	153.0	12/27-12/30	STS

1984. Evolution

1984. Northwest Pacific Ocean

1. TC = NWP8401 Name = VERNON All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/09	0	14.0	112.5	1002	15	NW	1
2	TS	06/09	6	14.0	112.0	998	18	NW	1
3	TS	06/09	12	14.5	111.8	994	21	NW	6
4	TS	06/10	0	15.4	109.8	996	21	NW	8
5	TS	06/10	6	16.0	109.0	996	18	NW	8
6	TS	06/10	12	16.4	108.8	998	18	NW	8
7	TD	06/11	0	17.5	104.5	1002	15	W	12

2. TC = NWP8402 Name = WYNNE All Points = 24

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/19	0	19.5	132.8	1002	15	W	10
2	TD	06/19	12	21.5	132.0	1000	15	NW	7
3	TS	06/20	0	21.5	131.5	996	18	WNW	7
4	TS	06/20	6	22.1	130.5	992	18	WNW	5
5	TS	06/20	12	22.3	129.8	990	18	WNW	6
6	TS	06/20	18	22.4	128.9	990	18	WNW	6
7	TS	06/21	0	22.4	128.4	990	21	WNW	4
8	TS	06/21	6	22.6	128.1	990	21	W	3
9	STS	06/21	12	22.3	127.9	990	26	WNW	3
10	STS	06/22	0	22.4	126.9	985	26	W	3
11	STS	06/22	6	22.4	126.5	985	26	W	3
12	STS	06/22	12	22.3	126.2	985	26	W	3
13	STS	06/22	18	22.3	124.8	985	26	W	8
14	STS	06/23	0	22.5	124.0	983	31	W	8
15	STS	06/23	6	22.0	123.5	980	28	W	8
16	STS	06/23	12	22.0	122.4	980	28	W	9
17	STS	06/24	0	21.5	119.0	980	28	W	14
18	STS	06/24	6	21.4	117.7	980	28	W	17
19	STS	06/24	12	21.1	115.9	980	28	W	15
20	STS	06/25	0	21.1	113.5	985	26	W	12
21	STS	06/25	6	21.2	112.3	985	26	W	12
22	TS	06/25	12	21.1	111.0	985	23	W	12
23	TD	06/26	0	21.0	109.0	992	15	W	12
24	TD	06/26	6	21.5	107.0	992	15	W	12

3. TC = NWP8403 Name = ALEX All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/01	0	15.5	125.0	1005	15	W	3
2	TD	07/01	6	16.0	123.5	1005	15	W	8
3	TD	07/01	12	16.0	123.5	1003	15	W	8
4	TS	07/01	18	16.0	122.5	1000	18	W	1
5	TS	07/02	0	16.9	122.8	1000	21	NW	1
6	STS	07/02	6	18.0	123.3	985	31	NNW	1
7	STS	07/02	12	19.0	122.9	980	31	NNW	12
8	T	07/02	17	20.5	122.0	975	33	NNW	17
9	T	07/03	0	21.5	122.0	960	36	NNW	17
10	T	07/03	6	23.3	121.5	960	41	N	15
11	STS	07/03	12	24.7	121.9	985	26	N	16
12	TS	07/04	0	27.7	121.1	985	21	N	13
13	TD	07/04	6	29.0	121.0	998	15	N	13

4. TC = NWP8404 Name = BETTY All Points = 18

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/04	0	13.5	128.0	1005	15	NW	12
2	TD	07/04	12	12.0	126.5	1005	15	NW	10
3	TD	07/05	0	13.5	125.5	1005	15	NW	10
4	TD	07/05	6	14.5	125.0	1004	15	NW	5
5	TD	07/05	12	15.5	122.5	1004	15	WNW	10
6	TD	07/06	0	16.0	120.0	1004	15	W	10
7	TD	07/06	6	16.5	119.0	1001	15	NW	12
8	TD	07/06	12	17.0	118.5	999	15	NW	9
9	TD	07/07	0	17.5	117.5	999	15	NW	9
10	TD	07/07	6	18.0	117.5	997	15	NW	8
11	TD	07/07	12	18.2	116.5	998	15	NW	8
12	TS	07/08	0	19.0	115.5	996	23	NW	7
13	TS	07/08	6	19.4	114.8	992	23	NW	7
14	TS	07/08	12	20.2	114.1	990	23	NW	5
15	STS	07/09	0	21.4	112.3	985	26	NW	9
16	STS	07/09	6	22.0	111.0	985	26	NW	10
17	TS	07/09	12	22.5	110.0	994	18	WNW	10
18	TD	07/10	0	22.5	105.0	1000	15	NW	15

5. TC = NWP8405 Name = CARY All Points = 34

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/06	6	17.0	149.0	1007	15	W	10
2	TD	07/06	12	17.8	148.5	1007	15	NW	10
3	TD	07/07	0	17.5	146.5	1005	15	W	12
4	TD	07/07	6	18.5	146.0	1004	15	WNW	10
5	TD	07/07	12	19.0	146.0	998	15	NW	8

6	TS	07/08	0	20.0	145.9	990	23	NW	5
7	TS	07/08	6	20.3	146.0	990	23	NNW	3
8	TS	07/08	12	20.8	145.8	990	23	NNW	3
9	TS	07/09	0	21.8	145.1	985	23	NNW	6
10	STS	07/09	6	22.0	145.0	975	28	NW	3
11	T	07/09	12	21.9	144.7	970	33	0	0
12	T	07/10	0	21.9	144.5	955	41	0	0
13	T	07/10	6	22.0	144.4	955	41	0	0
14	T	07/10	12	22.1	144.6	976	33	0	0
15	T	07/10	18	22.6	145.0	976	33	NE	5
16	STS	07/11	0	23.0	145.5	975	31	NE	6
17	T	07/11	6	23.8	146.1	970	33	NE	10
18	T	07/11	12	24.8	146.8	975	33	NE	10
19	T	07/11	21	25.4	147.2	980	33	NE	10
20	T	07/12	0	25.2	148.2	975	33	ENE	8
21	T	07/12	6	26.2	149.0	975	33	NE	9
22	T	07/12	12	26.9	149.8	970	33	NE	11
23	T	07/13	0	28.3	151.3	965	36	NE	12
24	T	07/13	6	29.1	151.7	965	36	NE	12
25	TS	07/14	0	30.3	152.5	980	21	NE	18
26	TS	07/14	6	30.5	153.0	980	21	NE	5
27	TS	07/14	12	31.0	153.0	980	21	N	3
28	TS	07/15	0	31.0	153.0	995	18	0	0
29	TS	07/15	6	31.6	152.8	985	18	N	3
30	TS	07/15	12	32.0	152.7	985	21	N	3
31	TD	07/16	0	31.0	151.0	992	15	SW	5
32	TD	07/16	12	31.0	151.0	994	15	0	0
33	TD	07/17	0	31.0	150.0	994	15	W	5
34	TD	07/17	12	31.0	148.0	998	15	W	10

6. TC = NWP8406 Name = DINAH All Points = 27

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/24	0	21.0	158.0	1006	15	W	5
2	TD	07/24	6	22.0	156.5	1000	15	NW	6
3	TD	07/24	12	22.0	156.9	998	15	NW	3
4	TS	07/25	0	20.8	153.9	990	23	W	10
5	STS	07/25	6	20.1	152.9	985	26	W	12
6	STS	07/25	12	19.7	152.1	980	28	W	10
7	T	07/26	0	19.5	151.5	975	33	W	3
8	T	07/26	6	19.6	151.0	975	33	W	3
9	T	07/26	12	19.9	150.7	960	38	WNW	3
10	T	07/27	0	20.7	150.7	950	41	N	3
11	T	07/27	6	20.5	150.7	950	44	0	0
12	T	07/27	12	20.7	150.7	955	44	N	3
13	T	07/28	0	21.0	151.4	960	36	ENE	3
14	T	07/28	6	21.1	151.9	960	36	E	3
15	T	07/28	12	21.0	152.6	920	46	E	5
16	T	07/29	0	22.8	154.7	915	51	NNE	10
17	T	07/29	6	23.8	154.2	915	51	NNE	10
18	T	07/29	12	25.1	154.4	935	46	N	12
19	T	07/30	0	27.8	155.1	940	46	NNE	15
20	T	07/30	6	29.8	155.4	940	46	N	14
21	T	07/30	12	31.4	156.1	955	38	N	15
22	STS	07/31	0	34.4	158.0	970	31	NNE	17
23	STS	07/31	6	36.0	160.0	970	31	NNE	18
24	STS	07/31	12	36.3	161.1	980	26	ENE	20
25	STS	07/31	18	37.4	164.1	980	26	ENE	20
26	STS	08/01	0	37.5	164.0	980	26	ENE	20
27	L	08/01	6	39.8	170.3	980	26	ENE	30

7. TC = NWP8407 Name = ED All Points = 24

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/25	0	28.6	135.0	998	15	E	3
2	TD	07/25	6	28.5	135.0	998	15	0	0
3	TD	07/25	12	28.0	136.0	998	15	ESE	5
4	STS	07/26	0	26.0	137.5	985	26	ESE	10
5	STS	07/26	6	25.6	138.8	985	26	ESE	10
6	STS	07/26	12	25.5	140.3	985	26	E	10
7	STS	07/27	0	27.0	140.7	985	26	NNE	7
8	STS	07/27	6	27.6	140.6	985	26	NNE	7
9	STS	07/27	12	28.3	138.5	975	28	NW	9
10	STS	07/28	0	28.9	136.9	975	28	NW	8
11	STS	07/28	6	29.3	136.7	975	28	WNW	8
12	STS	07/28	12	29.4	135.4	970	31	W	10
13	STS	07/29	0	29.8	132.4	970	31	W	14
14	T	07/29	6	29.8	131.8	965	33	W	10
15	T	07/29	12	29.8	130.5	950	36	W	8
16	T	07/30	0	30.5	127.8	950	41	WNW	10
17	T	07/30	6	31.0	126.7	950	41	WNW	10
18	T	07/30	12	31.2	125.2	960	36	W	13
19	STS	07/31	0	31.7	122.5	980	26	WNW	12
20	STS	07/31	6	32.3	122.0	980	26	WNW	11
21	TS	07/31	12	32.3	121.0	990	23	WNW	1
22	TS	07/31	18	32.8	120.9	992	21	NW	10
23	TS	08/01	0	33.5	121.0	995	18	N	5
24	TD	08/01	6	33.5	120.1	994	15	W	3

8. TC = NWP8408 Name = FRED A All Points = 24

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/03	6	13.0	132.5	1004	15	WNW	3
2	TD	08/03	12	13.0	132.0	1004	15	0	0
3	TD	08/04	0	12.0	132.0	1004	15	S	6
4	TD	08/04	6	15.0	131.5	1002	15	NNW	10
5	TD	08/04	12	15.0	132.0	1002	15	W	5
6	TD	08/05	0	17.0	130.0	1002	15	NW	15
7	TD	08/05	6	17.0	128.0	998	15	W	15
8	TS	08/05	12	18.0	128.0	998	18	N	10
9	TS	08/06	0	18.0	126.0	998	18	W	10
10	TS	08/06	6	20.2	125.5	996	23	NW	10
11	STS	08/06	12	20.7	125.3	985	26	NNW	8
12	STS	08/07	0	24.6	123.0	985	26	NNW	16
13	STS	08/07	6	25.1	121.2	985	26	WNW	18
14	STS	08/07	12	25.6	120.5	985	26	NW	8
15	TS	08/08	0	27.7	119.0	992	18	NW	10
16	TD	08/08	6	29.0	117.0	995	15	NW	10
17	TD	08/08	12	29.5	117.0	996	15	N	10
18	L	08/09	0	33.0	114.0	997	15	NW	15
19	L	08/09	6	34.0	114.0	998	15	N	10
20	L	08/09	12	35.0	115.0	998	15	NE	10
21	L	08/09	18	37.0	117.0	998	13	NE	15
22	L	08/10	0	38.5	118.0	994	15	NE	10
23	L	08/10	6	40.0	118.5	996	15	NNE	10
24	L	08/10	12	42.0	120.0	996	15	NE	10

9. TC = NWP8409 Name = GERALD All Points = 26

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/14	0	22.0	120.0	996	15	W	10
2	TD	08/14	6	21.5	119.0	996	15	WSW	10
3	TD	08/14	12	21.5	118.0	996	15	W	10
4	TD	08/15	0	20.0	117.5	996	15	SSW	8

5	TD	08/15	6	20.0	117.5	996	15	0	0
6	TD	08/15	12	20.0	117.5	996	15	0	0
7	TD	08/16	0	20.0	118.0	992	15	E	3
8	TS	08/16	6	20.1	118.4	990	21	E	3
9	TS	08/16	12	20.4	118.4	990	21	NW	3
10	STS	08/17	0	18.0	116.0	980	26	SW	15
11	STS	08/17	6	18.3	116.1	980	28	0	0
12	STS	08/17	12	18.5	116.0	980	28	0	0
13	STS	08/18	0	18.5	114.7	980	26	W	6
14	STS	08/18	6	18.7	113.9	980	26	W	7
15	STS	08/18	12	18.8	113.3	985	26	W	7
16	STS	08/18	18	19.0	112.8	985	26	NW	7
17	STS	08/19	0	19.0	112.5	985	26	NW	3
18	STS	08/19	6	18.7	112.0	985	26	W	1
19	STS	08/19	12	18.7	112.0	985	26	0	0
20	STS	08/20	0	19.0	112.2	985	26	NW	3
21	STS	08/20	6	20.0	113.4	985	26	NE	8
22	STS	08/20	12	20.5	113.9	985	26	NE	7
23	TS	08/21	0	21.4	114.0	990	21	NNE	5
24	TS	08/21	6	22.8	114.8	992	18	N	8
25	TD	08/21	12	24.8	115.0	996	15	N	10
26	TD	08/22	0	26.5	115.0	1000	15	N	10

10. TC = NWP8410 Name = HOLLY All Points = 23

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/15	12	21.0	133.0	996	15	0	0
2	TD	08/16	0	22.0	133.0	990	15	N	5
3	STS	08/16	6	23.4	131.4	990	28	NW	7
4	STS	08/16	12	22.5	131.5	990	28	NW	7
5	STS	08/17	0	22.0	130.0	985	28	WNW	10
6	STS	08/17	6	22.9	128.8	980	31	W	9
7	T	08/17	12	23.0	128.3	975	33	W	7
8	T	08/18	0	23.7	127.7	970	33	W	5
9	T	08/18	6	23.9	127.5	970	33	NW	3
10	T	08/18	12	24.9	127.2	970	33	NNW	12
11	T	08/18	18	26.0	126.7	970	33	NNW	10
12	T	08/19	0	26.6	126.4	970	33	NNW	10
13	T	08/19	6	26.7	126.0	960	36	NNW	8
14	T	08/19	12	27.7	126.0	965	36	N	10
15	T	08/20	0	29.6	126.3	965	36	N	10
16	T	08/20	6	30.2	126.3	965	36	N	8
17	T	08/20	12	31.1	126.4	965	36	N	8
18	T	08/21	0	33.1	127.5	970	33	NNE	10
19	L	08/21	6	34.1	128.7	970	33	NE	14
20	L	08/21	12	35.2	130.5	975	31	NE	18
21	L	08/22	0	38.5	134.3	980	26	NE	22
22	L	08/22	6	40.6	136.1	980	23	NNE	22
23	L	08/22	12	41.5	138.0	984	15	NE	14

11. TC = NWP8411 Name = IKE All Points = 29

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/27	0	11.0	145.0	1004	15	NW	8
2	TS	08/27	6	11.4	144.3	996	18	NW	10
3	TS	08/27	12	12.0	143.8	996	23	NW	7
4	TS	08/28	0	12.2	142.3	996	23	NW	9
5	TS	08/28	6	13.5	141.5	996	23	NW	9
6	STS	08/29	0	12.3	140.4	990	31	SE	8
7	STS	08/29	6	12.3	139.8	990	31	W	7
8	STS	08/30	0	11.0	137.7	985	31	WSW	7
9	STS	08/30	6	10.5	137.3	985	31	WNW	6

10	T	08/30	12	10.6	136.3	980	33	W	8
11	T	08/31	0	10.3	134.5	970	36	W	9
12	T	08/31	6	10.2	133.3	965	38	W	9
13	T	08/31	12	10.0	132.3	960	38	W	10
14	T	09/01	0	9.7	129.6	955	46	W	12
15	T	09/01	6	9.5	128.2	950	51	W	13
16	T	09/01	12	9.3	126.8	950	51	W	12
17	T	09/02	0	10.0	124.1	960	46	W	15
18	T	09/02	6	10.2	123.0	965	44	W	15
19	STS	09/03	0	12.1	120.3	993	26	WNW	12
20	STS	09/03	6	12.7	119.5	990	26	NW	9
21	STS	09/03	12	13.9	118.4	990	31	NW	12
22	T	09/04	0	15.1	116.5	980	33	WNW	14
23	T	09/04	6	16.0	115.4	975	36	NW	15
24	T	09/05	0	18.8	112.0	955	46	NW	12
25	T	09/05	6	19.1	111.1	960	41	NW	12
26	T	09/05	12	20.0	110.5	970	33	NW	12
27	STS	09/06	0	21.8	108.7	980	26	NW	10
28	TS	09/06	6	22.6	108.1	990	18	NNW	10
29	TD	09/06	12	24.0	107.0	996	15	NE	15

12. TC = NWP8412 Name = JUNE All Points = 16

N	Stage	Date	Time	La	Long	Pres	Wind	Shift	Vel
1	TD	08/26	6	17.0	132.0	1000	15	0	0
2	TD	08/26	12	18.0	131.0	998	15	NW	5
3	TD	08/27	0	18.5	130.5	998	15	NW	3
4	TD	08/27	6	18.0	130.0	996	15	SW	5
5	TD	08/27	12	18.0	127.0	992	15	W	15
6	TS	08/28	0	17.5	125.2	990	21	WSW	10
7	TS	08/28	6	18.0	124.5	990	23	NW	7
8	TS	08/28	12	18.7	123.0	990	23	WNW	10
9	TS	08/29	0	19.0	121.0	985	23	WNW	8
10	TS	08/29	6	19.0	120.5	985	23	WNW	8
11	STS	08/30	0	20.8	118.8	985	26	WNW	10
12	STS	08/30	6	21.5	117.2	985	26	WNW	12
13	STS	08/30	12	21.8	116.6	985	26	WNW	9
14	TS	08/31	0	23.5	115.0	990	23	WNW	10
15	TS	08/31	6	24.4	115.0	990	23	WNW	10
16	TD	08/31	12	25.0	114.0	1000	15	WNW	10

13. TC = NWP8413 Name = KELLY All Points = 18

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/13	0	22.0	172.0	1004	15	0	0
2	TD	09/13	6	22.5	172.0	1004	15	N	5
3	TD	09/13	12	22.0	172.0	1003	15	S	5
4	TS	09/14	0	21.0	171.0	998	18	SW	5
5	TS	09/14	6	21.5	171.5	994	21	NE	5
6	TS	09/14	12	21.5	172.0	990	23	E	3
7	TS	09/15	0	24.7	171.9	990	23	NNW	5
8	STS	09/15	6	26.2	171.5	980	26	NNW	10
9	STS	09/15	12	27.5	171.7	975	26	NNW	11
10	T	09/16	0	30.1	168.9	970	36	NW	15
11	T	09/16	6	31.0	167.3	970	36	NW	15
12	T	09/16	12	31.8	166.3	970	36	NW	15
13	STS	09/17	0	32.2	165.3	970	31	N	3
14	STS	09/17	6	32.8	166.0	970	31	NNE	12
15	L	09/18	0	35.8	169.0	980	26	NE	14
16	L	09/18	6	37.7	171.0	980	26	NE	15
17	L	09/18	12	38.3	173.0	990	26	NE	15
18	L	09/19	0	40.5	179.5	984	26	ENE	25

14. TC = NWP8414 Name = LYNN All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/24	6	19.5	117.5	999	15	NW	5
2	TD	09/25	0	19.5	114.5	999	15	W	6
3	TS	09/25	6	19.3	114.3	998	23	0	0
4	TS	09/25	12	19.0	114.0	1000	18	W	3
5	TD	09/26	0	19.0	113.0	1004	15	W	5
6	TD	09/26	12	19.0	114.0	1000	15	E	5

15. TC = NWP8415 Name = MAURY All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/27	6	24.0	150.0	1008	15	NE	3
2	TD	09/27	12	23.0	150.0	1006	15	S	5
3	TD	09/28	0	23.5	151.0	1002	15	NE	5
4	TS	09/28	6	24.2	152.0	996	21	NE	8
5	STS	09/28	12	24.2	152.1	996	26	NE	8
6	STS	09/29	0	24.2	150.6	994	26	WNW	8
7	STS	09/29	6	24.8	150.4	992	26	NNW	6
8	TS	09/30	0	28.6	149.8	994	23	N	10
9	TS	09/30	6	30.7	149.7	996	21	N	10
10	L	10/01	0	35.5	151.5	994	23	NE	18
11	L	10/01	6	36.5	153.0	992	23	NE	15
12	L	10/01	12	37.0	155.0	996	23	NE	15
13	L	10/01	18	39.0	161.0	996	23	NE	15

16. TC = NWP8416 Name = NINA All Points = 16

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/26	12	21.0	142.0	1000	15	W	3
2	TD	09/27	6	21.0	141.0	1000	15	W	3
3	TS	09/27	12	23.5	141.5	998	21	NNE	6
4	TS	09/28	0	24.6	140.8	998	21	NW	3
5	TS	09/28	6	24.6	140.5	994	21	0	0
6	TS	09/28	12	24.5	140.5	994	21	0	0
7	TS	09/29	0	25.6	140.6	994	21	N	3
8	TS	09/29	6	26.0	140.6	994	21	N	3
9	TS	09/29	12	26.5	140.8	994	21	N	3
10	TS	09/30	0	27.6	141.5	994	21	NNE	9
11	TS	09/30	6	28.6	143.2	994	21	NE	10
12	TS	10/01	0	31.8	147.2	994	18	NE	10
13	L	10/01	6	34.9	152.9	992	21	NE	25
14	L	10/01	12	34.8	156.0	992	23	NE	20
15	L	10/02	0	37.0	164.5	996	23	ENE	35
16	L	10/02	6	37.5	168.5	998	23	ENE	35

17. TC = NWP8417 Name = OGDEN All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/07	0	15.0	152.0	1002	15	N	10
2	TD	10/07	6	18.0	152.0	998	15	NW	7
3	TS	10/07	18	22.0	152.0	996	18	N	20
4	TS	10/08	0	23.6	154.0	988	21	NE	20
5	STS	10/08	6	25.5	154.7	985	26	NE	20
6	STS	10/09	0	29.3	158.1	985	26	NE	20
7	T	10/09	6	30.3	160.0	980	33	ENE	30
8	L	10/10	0	34.5	169.0	985	31	ENE	40
9	L	10/10	6	37.0	175.0	990	28	NE	45

18. TC = NWP8418 Name = PHILLIS All Points = 10

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/10	0	21.0	153.0	1006	15	SW	5
2	TD	10/11	0	19.5	152.0	1004	15	SW	5

3	TS	10/11	6	20.0	152.5	1000	23	NE	3
4	TS	10/11	18	21.0	151.7	996	23	WNW	3
5	STS	10/12	0	22.3	151.2	985	31	NNW	10
6	T	10/12	6	23.0	151.0	980	33	N	8
7	T	10/13	0	25.9	151.2	985	33	N	9
8	T	10/13	6	27.5	151.4	985	33	N	10
9	L	10/14	0	34.5	153.0	998	21	NE	20
10	L	10/14	6	38.0	157.0	1000	18	NE	20

19. TC = NWP8419 Name = ROY All Points = 10

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/10	0	11.0	141.0	1004	15	0	0
2	TD	10/10	6	11.0	141.5	1004	15	E	3
3	TD	10/11	0	13.0	143.0	1000	15	NE	6
4	TS	10/11	6	13.8	143.1	1000	23	N	10
5	TS	10/11	18	15.0	142.8	998	23	NNW	8
6	TS	10/12	0	14.3	143.3	998	21	N	8
7	TS	10/12	6	16.3	143.5	996	21	N	10
8	TS	10/12	18	17.0	143.5	996	18	N	8
9	TD	10/13	0	18.0	144.0	1000	15	N	15
10	TD	10/13	6	20.0	145.0	1000	15	N	10

20. TC = NWP8420 Name = SUSAN All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/11	6	13.0	117.0	1004	15	NW	10
2	TD	10/11	12	13.0	116.0	1004	15	NW	10
3	TD	10/12	0	13.0	113.0	1000	15	W	15
4	TS	10/12	6	12.5	109.5	996	21	W	14
5	TD	10/12	12	12.0	109.0	1000	15	SW	10

21. TC = NWP8421 Name = THAD All Points = 16

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/17	6	8.5	149.5	998	15	W	3
2	TD	10/17	12	8.5	147.5	998	15	W	10
3	TD	10/18	0	10.5	146.0	998	15	NW	10
4	TD	10/19	0	11.0	148.0	1000	15	NW	10
5	TS	10/19	6	13.0	147.9	996	18	NW	10
6	TS	10/19	12	14.8	146.5	990	23	NNW	12
7	STS	10/20	0	16.6	146.1	980	28	NNW	14
8	STS	10/20	6	17.7	145.8	975	31	NNW	12
9	T	10/21	0	21.9	143.9	950	36	NNW	13
10	T	10/21	6	22.8	143.6	940	44	NNW	14
11	T	10/21	18	24.8	144.1	935	46	NE	12
12	T	10/22	0	26.6	145.4	935	46	NE	20
13	T	10/22	6	27.3	146.7	935	46	NE	20
14	T	10/23	0	29.7	150.8	960	33	NE	25
15	L	10/23	6	32.8	157.0	980	31	ENE	30
16	L	10/23	18	34.0	164.0	990	23	ENE	34

22. TC = NWP8422 Name = VANESSA All Points = 19

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/23	0	7.8	153.0	1002	15	N	5
2	TS	10/23	6	9.9	152.0	998	23	WNW	15
3	TS	10/23	18	10.4	149.2	986	23	WNW	17
4	T	10/24	6	11.2	145.8	980	36	WNW	15
5	T	10/24	18	12.5	142.2	975	41	WNW	20
6	T	10/25	6	13.3	138.6	935	51	WNW	18
7	T	10/25	18	14.8	135.5	910	62	WNW	20
8	T	10/26	0	15.5	134.1	890	62	WNW	15
9	T	10/26	6	15.9	132.7	890	62	WNW	15

10	T	10/26	18	16.3	131.1	875	62	WNW	9
11	T	10/27	0	17.5	131.0	892	62	WNW	9
12	T	10/27	6	18.0	129.8	895	62	NNW	9
13	T	10/27	12	18.7	129.3	905	57	NNW	9
14	T	10/28	0	20.5	129.4	910	57	N	10
15	T	10/28	6	21.2	130.4	915	57	NE	10
16	T	10/29	0	23.5	134.1	925	57	ENE	16
17	T	10/29	6	25.9	136.1	925	57	ENE	18
18	T	10/30	0	28.1	142.7	955	41	NE	25
19	L	10/30	6	31.0	147.5	965	38	ENE	40

23. TC = NWP8423 Name = WARREN All Points = 25

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/23	0	13.0	118.0	1010	13	S	5
2	TD	10/23	6	12.0	118.0	1004	15	S	10
3	TS	10/24	0	13.0	116.0	1000	18	WNW	6
4	TS	10/24	6	13.7	116.2	996	23	N	3
5	TS	10/24	12	14.8	116.0	994	23	N	3
6	TS	10/24	18	14.3	115.5	990	23	WNW	5
7	STS	10/25	6	14.0	115.5	980	28	0	0
8	STS	10/25	18	14.5	114.7	980	28	W	3
9	STS	10/26	0	14.7	114.5	975	31	WNW	5
10	STS	10/26	6	14.5	114.4	980	31	0	0
11	STS	10/26	18	14.9	114.6	980	31	N	3
12	STS	10/27	0	15.0	115.0	980	31	NW	3
13	STS	10/27	6	15.5	115.0	980	31	N	3
14	STS	10/27	12	15.3	115.4	980	28	NE	3
15	STS	10/28	0	15.3	116.9	975	31	E	3
16	STS	10/28	6	15.3	117.8	980	31	ENE	9
17	STS	10/29	0	15.8	118.1	980	31	NE	3
18	STS	10/29	6	16.0	118.0	980	31	0	0
19	STS	10/30	0	15.3	116.7	990	28	WSW	6
20	STS	10/30	6	15.5	116.5	996	26	0	0
21	TS	10/31	0	14.7	114.2	996	21	WSW	5
22	TS	10/31	6	14.4	113.5	1000	18	WSW	3
23	TD	11/01	0	13.5	111.5	1002	15	SW	10
24	TD	11/01	6	13.5	111.0	1002	15	W	5
25	TD	11/02	0	12.0	108.0	1008	15	WSW	15

24. TC = NWP8424 Name = AGNES All Points = 17

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/01	0	5.5	144.0	1000	15	WNW	5
2	TS	11/01	6	5.8	143.0	996	23	WNW	12
3	STS	11/02	0	7.9	139.3	990	28	WNW	13
4	STS	11/02	6	8.2	138.4	990	31	WNW	11
5	STS	11/03	0	9.5	135.0	985	31	W	15
6	T	11/03	6	9.4	134.0	965	41	WNW	12
7	T	11/03	12	9.6	132.6	950	46	W	12
8	T	11/04	0	10.0	130.0	935	51	WNW	12
9	T	11/04	6	10.5	128.8	925	51	WNW	13
10	T	11/04	18	11.2	125.8	925	54	WNW	15
11	T	11/05	6	11.7	122.1	940	46	W	18
12	T	11/06	0	12.1	117.8	975	38	W	15
13	T	11/06	6	12.5	115.9	970	41	W	14
14	T	11/07	0	13.6	112.1	960	46	WNW	9
15	T	11/07	6	13.9	110.2	960	46	WNW	12
16	TS	11/07	12	14.0	108.0	990	21	W	10
17	TD	11/07	18	14.0	107.0	1000	15	W	5

25. TC = NWP8425 Name = BILL All Points = 41

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/08	0	12.8	156.5	1004	15	W	10
2	TD	11/08	6	13.0	155.0	1000	15	NW	10
3	TS	11/09	0	13.8	153.8	1000	21	WNW	5
4	TS	11/09	6	14.2	153.8	998	21	0	0
5	TS	11/09	18	14.5	154.0	996	21	0	0
6	STS	11/10	6	14.5	153.9	990	26	0	0
7	STS	11/10	12	14.3	153.6	990	26	0	0
8	T	11/11	0	14.7	153.9	985	36	NW	3
9	T	11/11	6	14.6	152.1	975	38	W	3
10	STS	11/12	0	13.7	149.1	990	31	WSW	10
11	STS	11/12	6	13.5	147.5	990	26	W	13
12	T	11/12	18	13.6	144.1	975	36	W	15
13	T	11/13	0	13.5	142.1	970	41	W	15
14	T	11/13	6	12.8	140.8	970	41	W	15
15	T	11/13	12	13.6	138.6	965	41	W	10
16	T	11/14	0	13.5	135.0	945	46	W	15
17	T	11/14	6	13.1	133.8	925	49	WNW	15
18	T	11/14	18	14.5	130.9	920	51	WNW	15
19	T	11/15	0	14.8	130.1	920	51	NW	13
20	T	11/15	6	15.9	128.7	920	51	NW	12
21	T	11/15	12	16.6	128.0	930	46	NW	12
22	T	11/15	18	17.0	127.2	935	51	NW	10
23	T	11/16	0	17.0	127.2	940	51	0	0
24	T	11/16	6	17.4	125.8	940	51	WNW	6
25	T	11/16	12	17.8	124.5	950	51	WNW	9
26	T	11/16	18	17.7	124.2	950	51	WNW	8
27	T	11/17	0	18.1	123.5	950	51	WNW	3
28	T	11/17	6	18.8	123.0	935	51	NW	3
29	T	11/17	12	19.0	122.5	940	51	NNW	6
30	T	11/18	0	20.2	122.5	955	41	N	3
31	T	11/18	6	20.3	122.3	960	36	0	0
32	T	11/18	18	20.9	124.0	965	33	ENE	3
33	STS	11/19	0	19.4	123.7	985	31	SSE	3
34	TS	11/19	6	18.0	123.8	990	23	S	5
35	TD	11/20	0	16.5	127.5	1000	15	SE	10
36	TS	11/21	0	14.8	128.5	998	23	SSE	6
37	TS	11/21	6	14.0	128.6	998	23	S	6
38	TS	11/21	12	14.5	127.5	998	23	WNW	5
39	TS	11/22	0	14.2	127.5	998	21	S	3
40	TD	11/22	6	13.0	127.0	1002	15	S	8
41	TD	11/22	12	13.0	127.0	1002	15	0	0

26. TC = NWP8426 Name = CLARA All Points = 22

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/14	0	5.0	156.0	1002	15	W	1
2	TD	11/14	12	6.0	155.0	1000	15	NW	10
3	TS	11/15	0	7.0	152.1	1000	21	NW	12
4	TS	11/15	6	7.8	150.9	994	23	WNW	10
5	TS	11/15	12	8.8	148.2	990	21	WNW	13
6	TS	11/16	0	9.1	147.3	990	21	WNW	17
7	STS	11/16	6	9.4	144.6	980	31	WNW	14
8	STS	11/16	12	9.8	142.6	980	31	WNW	15
9	STS	11/16	18	10.1	142.0	980	31	WNW	17
10	T	11/17	0	10.4	140.2	975	36	WNW	14
11	T	11/17	6	11.0	138.6	970	38	WNW	15
12	T	11/17	12	11.5	136.0	965	44	WNW	15
13	T	11/18	0	12.4	134.6	960	46	WNW	13
14	T	11/18	6	13.0	133.7	960	46	WNW	12

15	T	11/18	18	14.7	132.5	960	44	WNW	10
16	T	11/19	0	15.5	132.5	960	44	N	10
17	T	11/19	6	17.1	132.4	955	49	N	13
18	T	11/19	18	19.9	132.5	945	41	N	13
19	T	11/20	0	20.8	133.2	940	44	NNE	15
20	T	11/20	6	22.2	134.6	940	44	NE	18
21	STS	11/21	0	25.7	140.8	980	28	ENE	24
22	L	11/22	0	28.5	146.5	990	21	ENE	25

27. TC = NWP8427 Name = DOYLE All Points = 17

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	12/04	12	7.0	137.5	1000	15	N	3
2	TD	12/05	0	8.0	137.0	1000	15	NW	5
3	TS	12/05	6	9.1	136.8	998	21	NW	9
4	STS	12/06	6	12.0	134.5	985	28	NW	10
5	STS	12/06	18	12.6	133.5	990	26	NNW	11
6	T	12/07	0	13.5	133.1	970	38	NNW	8
7	T	12/07	6	14.6	132.9	965	44	NNW	10
8	T	12/07	18	15.6	132.1	950	44	NNW	10
9	T	12/08	0	15.9	131.8	940	46	NNW	6
10	T	12/08	6	16.1	131.4	940	46	NW	3
11	T	12/08	18	16.8	130.9	945	46	WNW	5
12	T	12/09	6	18.3	130.0	955	46	WNW	7
13	T	12/09	12	18.9	129.8	975	36	NNE	5
14	TS	12/09	18	19.7	130.9	990	23	ENE	8
15	TS	12/10	6	20.7	130.7	992	23	ENE	10
16	TS	12/10	12	21.5	131.5	992	23	NE	10
17	TD	12/10	18	22.3	132.4	992	15	NE	13

1984. Northeast Pacific Ocean

1. TC = NEP8401 Name = ALMA All Points = 18

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	05/17	21	9.0	-99.5	1009	15	W	9
2	TD	05/18	0	9.3	-101.0	1009	15	W	15
3	TD	05/18	6	9.1	-102.8	1009	15	W	15
4	TS	05/18	12	9.1	-104.2	1005	18	W	14
5	TS	05/18	18	9.3	-105.1	1002	21	W	12
6	TS	05/19	0	9.5	-107.0	1000	23	W	14
7	TS	05/19	6	9.4	-109.0	1000	23	W	15
8	STS	05/19	12	9.6	-110.5	997	26	W	15
9	STS	05/19	18	9.5	-112.3	997	26	W	17
10	TS	05/20	0	9.5	-113.7	1000	23	W	16
11	STS	05/20	6	9.5	-115.2	997	26	W	16
12	STS	05/20	12	9.5	-116.5	997	26	W	14
13	STS	05/20	18	9.5	-117.6	994	28	W	12
14	TS	05/21	0	9.4	-118.7	1002	21	W	11
15	TS	05/21	6	9.5	-119.5	1002	21	W	9
16	TS	05/21	12	9.5	-120.5	1002	21	W	9
17	TD	05/21	18	9.6	-121.3	1009	15	W	9
18	TD	05/22	3	9.7	-122.1	1009	15	W	5

2. TC = NEP8402 Name = BORIS All Points = 32

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	05/28	18	11.2	-94.2	1009	15	WNW	5
2	TS	05/29	0	11.4	-94.8	1005	18	WNW	6
3	TS	05/29	6	11.6	-95.1	1005	18	WNW	5
4	TS	05/29	12	11.8	-95.6	1002	21	WNW	5

5	STS	05/29	18	12.6	-95.7	997	26	NW	5
6	STS	05/30	0	13.2	-96.3	991	31	NW	7
7	STS	05/30	6	13.3	-96.6	991	31	NW	5
8	T	05/30	12	13.5	-96.8	987	33	NW	4
9	STS	05/30	18	13.4	-97.7	994	28	W	10
10	STS	05/31	0	13.3	-97.8	997	26	0	0
11	STS	05/31	6	13.6	-98.6	997	26	W	5
12	TS	05/31	12	13.6	-99.0	1000	23	W	5
13	TS	05/31	18	13.4	-99.4	1002	21	W	4
14	TS	06/01	0	13.4	-99.7	1002	21	W	4
15	TS	06/01	6	13.7	-99.2	1005	18	W	2
16	TS	06/01	12	13.7	-99.2	1005	18	0	0
17	TD	06/02	0	13.7	-99.5	1009	15	0	0
18	TD	06/02	8	14.0	-100.0	1009	15	W	3
19	TD	06/02	18	12.0	-99.5	1009	13	SSE	5
20	TD	06/03	0	11.5	-98.9	1009	15	SSE	4
21	TD	06/03	6	11.2	-100.0	1009	15	WSW	7
22	TD	06/03	12	12.0	-99.5	1009	15	N	5
23	TD	06/03	18	11.0	-99.7	1010	13	0	0
24	TD	06/04	0	11.2	-100.0	1010	13	0	0
25	TD	06/04	6	10.8	-99.6	1010	13	SE	4
26	TD	06/04	12	10.8	-99.6	1010	13	0	0
27	TD	06/04	18	10.8	-99.6	1010	13	NW	2
28	TD	06/05	0	12.9	-99.6	1010	15	NNE	6
29	TD	06/05	6	13.5	-99.7	1009	15	NNE	6
30	TD	06/05	12	14.4	-99.5	1009	15	NNE	8
31	TD	06/05	18	14.9	-100.1	1009	15	N	6
32	TD	06/06	0	14.2	-100.9	1009	13	SW	5

3. TC = NEP8403 Name = CHRISTINA All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/19	0	8.5	-91.0	1010	15	NW	10
2	TS	06/19	12	12.5	-100.0	1005	21	NW	15
3	T	06/20	18	15.0	-111.0	970	46	NW	15
4	STS	06/22	0	15.6	-112.4	991	31	NNW	5
5	STS	06/23	0	17.6	-113.3	994	26	NNW	10
6	STS	06/23	12	18.6	-114.8	994	26	NW	7
7	TS	06/24	0	19.7	-115.5	1002	21	NW	7
8	TS	06/24	12	20.8	-116.3	1002	21	NW	10
9	STS	06/25	0	20.1	-118.2	991	31	W	7
10	TS	06/25	12	21.3	-121.8	1002	21	WNW	10
11	TD	06/26	0	21.0	-122.0	1009	15	SW	5

4. TC = NEP8404 Name = DOUGLAS All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/28	0	13.0	-120.0	1010	15	NW	3
2	TS	06/28	18	13.5	-121.3	1005	18	NW	5
3	STS	06/29	18	14.5	-125.0	994	28	WNW	5
4	STS	06/30	7	15.0	-127.0	991	31	WNW	5
5	T	06/30	12	15.3	-128.2	987	33	W	8
6	T	06/30	18	15.4	-128.9	980	38	NW	5
7	T	07/01	0	15.9	-129.8	980	38	NW	8
8	T	07/01	12	16.8	-130.8	980	38	NW	10
9	T	07/02	12	18.0	-133.9	980	38	NW	10
10	T	07/03	0	18.0	-136.5	987	33	W	10
11	TD	07/04	0	20.0	-140.0	1009	15	NW	10

5. TC = NEP8405 Name = ELIDA All Points = 20

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/29	0	16.0	-102.0	1009	15	S	5

2 T	06/30	0	14.0	-109.0	987	33	WSW	5	18 T	07/11	18	20.6	-109.4	987	33	NW	3
3 T	07/03	0	16.6	-116.8	987	33	NW	10	19 T	07/12	0	20.8	-109.4	987	33	N	3
4 T	07/03	12	17.2	-118.5	987	33	WNW	10	20 STS	07/12	6	21.0	-109.0	994	28	N	2
5 T	07/03	18	17.0	-119.6	987	33	W	10	21 STS	07/12	12	21.5	-108.5	997	26	NNE	3
6 T	07/04	0	17.3	-120.5	987	33	W	10	22 STS	07/12	18	21.5	-109.1	997	26	WNW	2
7 T	07/04	12	17.2	-122.0	987	33	W	12	23 TS	07/13	12	22.4	-109.7	1005	18	NW	5
8 STS	07/04	18	17.1	-122.5	997	26	W	6	24 TS	07/13	18	22.2	-110.7	1005	18	WNW	4
9 TS	07/05	0	17.2	-123.3	1000	23	W	6	25 TD	07/14	0	22.6	-111.1	1009	15	NW	5
10 TS	07/05	6	17.4	-124.0	1002	21	W	6	26 TD	07/14	6	23.5	-111.0	1009	13	N	8
11 TD	07/06	12	14.8	-123.5	1009	15	SSE	10									
12 TD	07/06	18	14.9	-123.3	1009	15	0	0									
13 TD	07/07	0	15.0	-123.0	1009	15	0	0									
14 TD	07/07	6	15.0	-122.7	1009	15	E	3									
15 TD	07/07	12	15.2	-122.3	1009	13	ENE	3									
16 TD	07/07	18	15.3	-121.2	1010	13	E	7									
17 TD	07/08	0	15.1	-120.0	1010	13	E	9									
18 TD	07/08	6	15.4	-119.5	1010	13	E	8									
19 TD	07/08	12	15.6	-117.2	1010	13	E	11									
20 TD	07/08	18	15.8	-115.8	1010	13	E	15									

6. TC = NEP8406 Name = FAUSTO All Points = 18

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	06/30	6	9.0	-94.0	1009	15	W	5
2	TD	06/30	12	8.5	-95.0	1009	15	SW	5
3	T	07/05	0	17.8	-107.8	965	49	-	0
4	T	07/05	6	18.0	-108.5	965	49	W	6
5	T	07/06	6	18.4	-108.6	965	49	N	5
6	T	07/06	12	19.3	-108.8	965	49	N	9
7	T	07/06	18	19.8	-109.0	970	46	NNW	6
8	T	07/07	0	20.3	-109.6	970	46	NW	7
9	T	07/07	12	21.2	-110.4	970	46	NW	7
10	T	07/07	18	21.5	-110.7	974	44	NW	7
11	T	07/08	0	22.0	-111.3	977	41	NW	8
12	T	07/08	6	22.8	-111.9	983	36	NW	9
13	STS	07/08	12	23.7	-112.7	994	28	NW	10
14	TS	07/08	18	24.0	-113.5	1000	23	NW	9
15	TS	07/09	0	24.3	-114.9	1002	21	WNW	13
16	TD	07/09	6	24.3	-115.6	1009	15	W	9
17	TD	07/09	12	24.3	-116.5	1009	15	W	9
18	TD	07/10	0	23.9	-117.8	1009	13	W	8

7. TC = NEP8407 Name = GENEVIEVE All Points = 26

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/07	6	10.5	-95.5	1009	15	NW	6
2	TD	07/07	12	11.0	-96.0	1009	15	NW	6
3	TS	07/07	18	11.3	-96.8	1005	18	NW	8
4	TS	07/08	0	11.8	-97.8	1002	21	WNW	10
5	STS	07/08	6	12.1	-98.8	994	26	WNW	11
6	STS	07/08	12	12.3	-100.3	991	31	WNW	12
7	T	07/08	18	12.6	-100.7	987	33	WNW	10
8	T	07/09	0	13.1	-101.3	987	33	WNW	9
9	T	07/09	6	14.0	-102.0	980	38	NW	11
10	T	07/09	12	14.8	-102.8	970	46	NW	11
11	T	07/09	18	15.5	-104.3	970	46	NW	15
12	T	07/10	0	16.1	-105.2	970	46	NW	13
13	T	07/10	6	17.1	-106.0	977	41	NW	13
14	T	07/10	12	17.9	-107.0	970	46	NW	13
15	T	07/11	0	19.6	-108.5	961	51	NW	10
16	T	07/11	6	20.1	-109.3	970	46	NW	10
17	T	07/11	12	20.4	-109.4	974	44	NW	5

8. TC = NEP8408 Name = HERMAN All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	07/27	12	16.1	-111.0	1009	13	WNW	10
2	TD	07/27	18	16.6	-112.0	1009	15	WNW	10
3	TS	07/28	0	16.8	-112.5	1005	18	WNW	10
4	TS	07/28	6	17.2	-113.5	1005	18	NW	10
5	TS	07/28	12	17.2	-114.0	1005	18	W	8
6	TS	07/28	18	17.2	-115.5	1005	18	W	10
7	TS	07/29	0	17.3	-116.1	1005	18	W	8
8	TS	07/29	6	17.5	-117.0	1005	18	WNW	10
9	TS	07/29	12	17.7	-118.0	1000	23	W	10
10	TS	07/30	0	17.6	-119.7	1005	18	W	9
11	TS	07/30	6	17.4	-120.2	1005	18	W	9
12	TD	07/31	0	17.6	-122.2	1009	15	W	6
13	TD	07/31	6	17.5	-122.8	1009	15	W	6

9. TC = NEP8409 Name = ISELLE All Points = 32

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/03	18	13.0	-99.0	1009	15	W	10
2	TD	08/04	0	14.2	-96.5	1009	15	ENE	10
3	TD	08/04	6	14.2	-97.2	1009	15	W	6
4	TD	08/04	12	14.1	-99.4	1009	15	W	9
5	TS	08/04	18	14.4	-99.6	1000	21	W	8
6	TS	08/05	0	14.9	-100.1	1000	21	NW	7
7	TS	08/05	6	14.9	-100.8	1000	21	W	7
8	STS	08/05	12	15.0	-101.5	997	26	W	7
9	STS	08/05	18	15.3	-102.5	994	28	WNW	9
10	STS	08/06	0	15.8	-102.8	991	31	NW	7
11	T	08/06	6	16.1	-103.8	987	33	WNW	8
12	T	08/06	12	16.8	-104.7	987	33	WNW	8
13	T	08/06	18	17.0	-106.9	980	38	W	12
14	T	08/07	0	17.2	-108.1	980	38	W	12
15	T	08/07	6	17.4	-109.4	980	38	W	13
16	T	08/07	18	18.0	-112.1	980	38	WNW	14
17	T	08/08	0	18.0	-113.1	977	41	W	10
18	T	08/08	6	18.0	-113.9	974	44	W	8
19	T	08/08	12	18.1	-114.8	960	51	W	8
20	T	08/08	18	18.1	-115.4	948	60	W	6
21	T	08/09	0	18.4	-116.4	948	60	W	9
22	T	08/09	6	18.6	-117.1	952	57	WNW	8
23	T	08/09	18	19.3	-118.6	974	44	WNW	8
24	T	08/10	0	19.8	-118.9	980	38	WNW	8
25	T	08/10	6	20.5	-119.7	980	38	NW	9
26	T	08/10	12	21.2	-120.0	983	36	NNW	9
27	T	08/10	18	22.1	-120.4	983	36	NNW	9
28	T	08/11	0	22.9	-121.1	987	33	NW	10
29	STS	08/11	6	23.8	-122.0	994	28	NW	12
30	TS	08/11	18	25.0	-123.0	1002	21	NW	9
31	TS	08/12	0	25.2	-123.3	1005	18	NW	5
32	TD	08/12	6	25.8	-124.0	1009	15	NW	7

10. TC = NEP8410 Name = JULIO All Points = 20

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/15	12	14.4	-100.3	1009	13	W	6
2	TS	08/15	15	14.6	-100.8	1005	18	W	6
3	TS	08/15	18	15.0	-101.5	1005	18	WNW	10
4	TS	08/16	0	15.5	-102.6	1005	18	WNW	12
5	TS	08/16	6	15.8	-102.9	1000	23	WNW	8
6	STS	08/17	3	17.9	-103.8	994	28	NNE	9
7	STS	08/17	6	18.0	-103.3	994	28	NNE	8
8	TS	08/17	12	18.2	-103.1	1000	23	NE	3
9	TD	08/17	18	18.2	-106.0	1009	15	WNW	8
10	TD	08/18	0	18.8	-106.2	1009	15	NNW	10
11	TD	08/18	12	20.1	-106.8	1009	15	NNW	9
12	TD	08/18	18	19.4	-107.5	1009	13	NW	4
13	TD	08/19	0	19.5	-107.5	1009	13	NNW	2
14	TD	08/19	6	19.5	-107.8	1010	13	NW	3
15	TD	08/19	12	19.5	-108.0	1010	13	NW	3
16	TD	08/19	18	19.9	-108.2	1010	13	NW	3
17	TD	08/20	0	20.0	-108.2	1010	13	NW	2
18	TD	08/20	6	20.0	-108.4	1010	13	NW	2
19	TD	08/20	12	19.7	-108.7	1010	13	SW	4
20	TD	08/21	0	19.5	-108.5	1010	13	SW	1

11. TC = NEP8411 Name = KENNA All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/16	15	12.2	-134.0	1009	15	W	10
2	TS	08/17	6	12.5	-136.0	1005	18	W	7
3	TS	08/17	12	12.5	-136.4	1005	18	W	5
4	TS	08/17	18	12.3	-137.8	1002	21	W	9
5	TS	08/18	0	12.5	-138.9	1002	21	W	11
6	TS	08/18	6	12.5	-139.6	1002	21	W	10
7	TD	08/18	18	13.0	-140.0	1009	15	NW	5

12. TC = NEP8412 Name = LOWELL All Points = 17

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/26	6	13.0	-117.0	1009	13	W	10
2	TD	08/26	12	13.2	-118.0	1009	13	W	10
3	TS	08/26	18	15.8	-115.7	1005	18	W	8
4	TS	08/27	0	16.0	-116.8	1002	18	W	11
5	TS	08/27	6	16.3	-118.0	1002	21	WNW	12
6	STS	08/27	12	16.5	-118.4	994	28	WNW	10
7	T	08/27	18	16.8	-120.0	987	33	WNW	10
8	T	08/28	0	17.2	-121.1	987	33	WNW	12
9	T	08/28	6	17.5	-121.7	983	36	WNW	8
10	T	08/28	12	17.7	-122.3	980	38	WNW	7
11	T	08/28	18	18.3	-123.5	987	33	WNW	9
12	T	08/29	0	19.5	-124.3	987	33	NW	11
13	STS	08/29	6	20.4	-125.0	994	28	NW	11
14	STS	08/29	12	20.5	-126.0	997	26	NW	10
15	TS	08/29	18	22.7	-127.5	1002	21	NW	13
16	TD	08/30	0	23.8	-128.7	1009	15	NW	16
17	TD	08/30	6	24.8	-129.9	1009	13	NW	14

13. TC = NEP8413 Name = MARIE All Points = 22

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/05	12	16.0	-106.0	1009	15	W	5
2	TS	09/05	18	16.5	-106.3	1000	23	WNW	5
3	STS	09/06	0	17.2	-106.0	997	26	WNW	7
4	STS	09/06	6	17.6	-107.4	994	28	WNW	12
5	T	09/06	12	18.4	-109.2	987	33	WNW	12

6	STS	09/06	18	19.3	-110.0	991	31	WNW	15
7	T	09/07	0	20.0	-111.0	987	33	WNW	13
8	T	09/07	6	20.9	-111.7	980	38	NW	13
9	T	09/07	12	21.7	-112.3	980	38	NW	12
10	T	09/07	18	22.7	-112.7	980	38	NNW	11
11	T	09/08	0	23.5	-113.5	977	41	NNW	11
12	T	09/08	6	24.3	-113.9	977	41	NNW	10
13	T	09/08	12	25.0	-115.0	980	38	NW	11
14	T	09/08	18	25.9	-115.9	983	36	NW	12
15	T	09/09	0	27.0	-116.2	983	36	NNW	11
16	T	09/09	6	28.0	-117.1	987	33	NNW	12
17	STS	09/09	12	28.8	-117.1	994	28	NW	12
18	TS	09/09	18	28.9	-119.4	1000	23	WNW	12
19	TS	09/10	0	29.4	-119.9	1002	21	WNW	9
20	TS	09/10	6	29.7	-120.0	1005	18	NW	6
21	TD	09/10	12	30.3	-120.3	1009	15	NNW	6
22	L	09/11	0	30.5	-120.6	1012	10	NW	2

14. TC = NEP84-1 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/11	18	14.5	-95.5	1012	13	0	0
2	TD	09/12	0	14.5	-95.5	1009	15	0	0
3	TD	09/12	6	15.2	-94.6	1009	15	NE	5
4	TD	09/12	12	15.7	-94.4	1009	15	NE	5

15. TC = NEP8414 Name = NORBERT All Points = 45

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/14	18	18.5	-115.6	1009	15	W	3
2	TS	09/15	0	18.1	-115.5	1005	18	0	0
3	TS	09/15	6	17.9	-115.1	1005	18	SE	5
4	TS	09/15	12	18.0	-115.3	1005	18	NNW	2
5	TS	09/15	18	17.8	-114.9	1005	18	ESE	3
6	TS	09/16	0	17.7	-114.7	1005	18	0	0
7	TS	09/16	6	17.7	-114.5	1005	18	ESE	2
8	T	09/16	12	17.2	-113.0	987	33	E	4
9	T	09/17	0	17.2	-112.1	980	38	E	4
10	T	09/17	6	17.2	-111.7	977	41	E	4
11	T	09/17	12	17.3	-111.7	977	41	E	2
12	T	09/17	18	18.0	-111.8	974	44	N	3
13	T	09/18	0	18.4	-112.2	960	51	NW	6
14	T	09/18	6	18.8	-112.7	960	51	NW	7
15	T	09/18	12	18.9	-113.0	960	51	WNW	5
16	T	09/18	18	19.0	-113.5	960	51	W	5
17	T	09/19	0	19.4	-114.2	960	51	WNW	5
18	T	09/19	6	19.6	-114.5	960	51	WNW	5
19	T	09/19	12	19.8	-115.2	960	51	WNW	6
20	T	09/19	18	19.7	-115.8	960	51	W	6
21	T	09/20	0	19.4	-116.4	960	51	W	5
22	T	09/20	6	19.1	-116.8	960	51	SW	5
23	T	09/20	12	18.6	-116.9	952	57	SSW	5
24	T	09/20	18	17.8	-116.6	956	54	S	5
25	T	09/21	0	17.5	-116.3	948	60	SE	5
26	T	09/21	6	17.1	-115.4	956	54	ESE	7
27	T	09/21	12	16.8	-114.6	956	54	E	9
28	T	09/21	18	16.6	-113.3	956	54	E	11
29	T	09/22	0	16.5	-112.0	948	60	E	13
30	T	09/22	6	16.5	-110.8	956	54	E	11
31	T	09/22	12	16.7	-109.7	956	54	E	11
32	T	09/22	18	17.1	-109.0	948	60	ENE	9
33	T	09/23	0	17.5	-108.5	948	60	NE	7

34	T	09/23	6	17.6	-108.4	952	57	NE	2
35	T	09/23	12	18.4	-108.5	954	54	N	5
36	T	09/23	18	18.9	-108.8	954	54	NW	6
37	T	09/24	0	19.3	-109.0	952	57	NNW	5
38	T	09/24	6	19.9	-109.6	948	60	NW	8
39	T	09/24	12	20.7	-110.5	948	60	NW	8
40	T	09/24	18	21.5	-111.4	960	51	NW	12
41	T	09/25	0	22.3	-112.1	970	46	NW	12
42	T	09/25	6	23.1	-112.7	954	54	NW	11
43	T	09/25	12	24.1	-113.2	954	54	NNW	11
44	TS	09/26	0	26.1	-113.7	1002	21	N	2
45	TD	09/26	12	27.0	-114.0	1009	15	N	2

16. TC = NEP84-2 Name = NO NAME All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/14	0	17.0	-102.0	1010	13	W	3
2	TD	09/14	6	17.8	-103.0	1010	13	NW	8
3	TD	09/14	12	18.1	-103.4	1010	13	NW	6
4	TD	09/14	18	18.5	-104.0	1009	15	NW	7
5	TD	09/15	0	18.8	-104.0	1009	15	N	5
6	TD	09/15	6	18.9	-104.0	1009	15	0	0

17. TC = NEP8415 Name = ODILE All Points = 21

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/17	18	14.0	-101.7	1009	15	W	8
2	TS	09/18	0	14.4	-102.2	1005	18	W	6
3	TS	09/18	6	15.0	-103.2	1005	18	WNW	9
4	TS	09/18	18	15.2	-104.4	1002	21	WNW	7
5	TS	09/19	0	15.4	-104.6	1000	23	WNW	5
6	STS	09/19	6	15.5	-104.8	997	26	WNW	4
7	STS	09/19	12	15.8	-105.5	994	28	WNW	6
8	STS	09/19	18	16.4	-104.7	994	28	WNW	4
9	T	09/20	0	16.4	-104.7	987	33	0	0
10	T	09/20	6	16.5	-104.5	987	33	0	0
11	T	09/20	12	16.4	-104.5	987	33	0	0
12	T	09/20	18	16.7	-103.2	987	33	ENE	4
13	T	09/21	0	16.5	-102.5	987	33	E	5
14	T	09/21	6	16.5	-102.0	987	33	E	5
15	T	09/21	12	16.3	-101.1	987	33	ESE	8
16	T	09/21	18	16.4	-100.9	977	41	E	2
17	T	09/22	0	16.3	-100.9	977	41	0	0
18	T	09/22	6	16.3	-100.8	970	46	NE	1
19	T	09/22	12	17.0	-102.0	974	44	WNW	13
20	STS	09/22	18	18.0	-102.0	997	26	N	10
21	TD	09/23	0	18.5	-102.0	1009	15	N	3

18. TC = NEP8416 Name = POLO All Points = 23

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/26	0	13.6	-100.5	1010	13	W	13
2	TD	09/26	6	11.6	-100.1	1010	13	W	10
3	TD	09/26	12	13.5	-97.0	1009	13	NE	15
4	TD	09/26	18	13.5	-96.0	1009	13	E	10
5	TD	09/27	0	12.5	-100.5	1009	13	WSW	10
6	TS	09/28	18	13.0	-106.1	1002	21	WNW	8
7	STS	09/29	0	13.4	-106.7	997	26	WNW	7
8	STS	09/29	6	13.6	-107.3	994	28	WNW	6
9	STS	09/29	12	14.4	-107.9	994	28	NW	8
10	STS	09/29	18	15.5	-108.5	991	31	NW	9
11	T	09/30	0	15.6	-109.2	987	33	NW	8
12	T	09/30	6	15.9	-109.7	983	36	WNW	6

13	T	09/30	12	16.9	-110.4	980	38	NW	9
14	T	09/30	18	17.3	-111.3	980	38	NW	9
15	T	10/01	0	17.9	-112.2	980	38	NW	10
16	T	10/01	6	18.6	-113.5	980	38	NW	12
17	T	10/01	12	19.4	-114.0	961	51	NW	12
18	T	10/01	18	20.0	-114.4	961	51	NNW	8
19	T	10/02	0	20.7	-114.3	961	51	NNE	8
20	T	10/02	12	22.5	-113.8	970	46	NNE	9
21	STS	10/02	18	22.8	-113.0	997	26	NE	9
22	TS	10/03	0	23.1	-112.3	1002	21	NE	8
23	TD	10/03	6	23.8	-111.2	1009	15	NE	11

1984. North Atlantic Ocean**1. TC = ATL8401 Name = ARTHUR All Points = 10**

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/28	12	10.5	-56.0	1010	15	N	10
2	TS	08/30	12	14.0	-58.0	1008	18	NW	10
3	TS	08/31	0	14.0	-59.0	1004	23	NW	8
4	TD	09/01	0	15.0	-59.0	1006	15	N	5
5	TD	09/02	0	16.0	-59.0	1006	15	N	5
6	TD	09/02	10	18.8	-61.3	1006	15	NW	6
7	TD	09/03	0	19.0	-62.0	1006	15	NW	6
8	TD	09/03	10	19.2	-62.2	1008	15	0	0
9	TD	09/04	10	21.1	-63.2	1008	15	NW	6
10	TD	09/05	6	23.0	-65.0	1008	15	NW	5

2. TC = ATL8402 Name = BERTHA All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/30	0	13.5	-42.5	1009	15	W	5
2	TS	08/31	12	15.0	-45.4	1007	18	W	13
3	TS	09/01	0	16.5	-48.0	1007	18	W	13
4	TD	09/02	0	18.0	-46.5	1009	15	W	13
5	TD	09/02	10	21.0	-52.0	1009	15	W	13
6	TD	09/03	0	23.0	-52.0	1009	15	W	13
7	TD	09/03	10	26.5	-52.2	1009	15	NNE	15
8	TD	09/04	10	30.0	-55.5	1009	15	NE	18
9	TD	09/05	6	33.5	-59.5	1009	15	NE	20

3. TC = ATL8403 Name = CESAR All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	08/31	0	39.0	-65.0	1009	15	NW	3
2	TS	08/31	12	40.0	-65.5	1000	21	NNE	15
3	STS	09/01	0	41.0	-62.0	989	26	ENE	15
4	L	09/02	0	43.5	-53.0	1005	18	ENE	15

4. TC = ATL8404 Name = DIANA All Points = 12

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/08	12	26.0	-77.0	1009	15	N	5
2	TS	09/09	0	27.0	-78.0	1005	18	NW	10
3	TS	09/09	6	28.3	-79.9	1002	21	NW	10
4	TS	09/09	18	30.2	-80.5	1000	23	NNW	10
5	T	09/10	13	30.8	-80.2	987	33	N	5
6	T	09/11	3	31.5	-78.0	977	41	NE	8
7	T	09/11	14	32.7	-78.4	952	57	N	5
8	T	09/12	0	33.5	-78.5	952	57	N	5
9	T	09/12	4	34.0	-77.6	949	60	NE	7

10	T	09/13	10	34.0	-78.2	977	41	W	4
11	STS	09/15	4	36.3	-73.2	994	26	ENE	15
12	L	09/16	4	45.5	-59.6	994	26	NE	40

5. TC = ATL8406 Name = FRAN All Points = 8

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/15	0	15.0	-25.0	1009	15	NW	3
2	TD	09/17	10	15.5	-26.0	1009	15	NW	5
3	TS	09/18	4	20.0	-28.5	1000	23	NW	12
4	STS	09/18	22	20.0	-29.0	994	28	W	5
5	TS	09/19	0	20.7	-33.0	1002	21	W	15
6	TS	09/19	4	21.8	-34.5	1002	21	WNW	15
7	TS	09/19	10	21.2	-35.7	1002	21	W	10
8	TD	09/20	22	20.0	-43.0	1009	15	SW	5

6. TC = ATL8407 Name = GUSTAV All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/17	0	31.5	-67.0	1009	15	N	5
2	TS	09/18	0	32.5	-65.0	1008	18	NE	6
3	TS	09/18	22	32.5	-64.5	1007	21	SE	6
4	TS	09/19	0	31.5	-65.0	1006	23	SW	10
5	TS	09/19	10	33.5	-62.7	1006	23	NE	10
6	L	09/19	18	35.0	-60.0	1006	23	NE	15

7. TC = ATL8408 Name = HORTENSE All Points = 22

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/24	12	27.5	-59.5	1009	15	N	3
2	TD	09/24	18	28.0	-60.0	1009	15	NW	5
3	TS	09/25	0	28.5	-60.0	1002	21	N	5
4	TS	09/25	6	29.0	-60.5	1002	21	NW	5
5	STS	09/25	12	29.5	-60.5	997	26	N	5
6	T	09/26	6	30.7	-61.1	990	33	NW	6
7	STS	09/26	10	31.0	-61.1	994	28	N	5
8	STS	09/26	18	31.2	-60.5	994	28	S	5
9	STS	09/27	0	31.2	-60.5	994	28	0	0
10	STS	09/27	10	32.8	-60.6	994	28	N	6
11	STS	09/28	0	33.0	-59.8	997	26	0	0
12	STS	09/28	12	32.5	-63.0	997	26	WNW	6
13	STS	09/29	0	30.8	-62.0	997	26	SE	6
14	TS	09/29	12	30.4	-63.7	1000	23	W	10
15	TS	09/30	0	31.2	-64.5	1002	21	NW	7
16	TS	09/30	10	32.5	-63.7	1005	18	NNE	7
17	TS	09/30	18	35.8	-62.1	1005	18	NNE	7
18	TS	10/01	0	37.8	-61.2	1005	18	NNE	10
19	TS	10/01	6	38.0	-56.0	1005	18	E	10
20	TS	10/01	12	39.5	-52.5	1005	18	ENE	15
21	TS	10/01	18	41.2	-46.8	1005	18	ENE	20
22	L	10/02	12	41.5	-37.8	1005	18	E	35

8. TC = ATL8409 Name = ISIDORE All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	09/25	12	25.0	-77.0	1009	15	E	3
2	TS	09/26	10	24.7	-76.2	1002	21	WNW	10
3	TS	09/26	18	24.8	-78.3	1002	21	W	10
4	TS	09/27	0	25.3	-78.5	1000	23	N	5
5	STS	09/27	12	26.4	-79.9	999	26	NW	8
6	TS	09/28	0	27.8	-81.0	1002	21	NW	10
7	TS	09/28	12	29.2	-82.6	1002	21	NW	10
8	TS	09/29	0	30.4	-81.3	1002	21	NE	10
9	TS	09/29	12	31.9	-79.3	1002	21	NE	10

10	TD	09/30	0	34.6	-75.6	1009	15	ENE	15
11	TD	09/30	18	35.3	-70.2	1009	15	ENE	15

9. TC = ATL8410 Name = JOSEPHINE All Points = 28

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/07	0	24.0	-70.0	1010	15	N	5
2	TS	10/08	6	25.0	-71.0	1005	18	N	6
3	TS	10/08	12	24.0	-71.0	1002	21	S	8
4	TS	10/08	18	24.0	-72.0	1000	23	W	5
5	TS	10/09	0	24.1	-72.2	1000	23	0	0
6	STS	10/09	10	25.0	-72.0	994	28	N	6
7	T	10/10	0	26.0	-72.0	987	33	N	6
8	T	10/10	6	27.3	-72.8	983	36	NNW	7
9	T	10/10	10	27.8	-72.8	980	38	N	6
10	T	10/10	22	28.0	-72.8	980	38	N	4
11	T	10/11	22	31.0	-72.0	977	41	NNE	5
12	T	10/12	10	32.6	-71.4	974	44	NE	8
13	T	10/12	18	33.5	-71.4	965	46	N	8
14	T	10/13	0	34.0	-71.2	977	41	N	6
15	T	10/13	18	35.9	-71.5	977	41	N	6
16	T	10/14	0	36.5	-72.2	980	38	NW	6
17	T	10/14	10	37.3	-71.9	980	38	NNW	6
18	T	10/14	22	36.2	-70.7	980	38	SE	4
19	T	10/15	0	36.0	-70.5	980	38	SE	4
20	T	10/15	10	36.5	-66.5	980	38	ENE	15
21	T	10/15	22	38.3	-64.0	980	38	NE	15
22	T	10/16	12	40.5	-59.5	983	36	ENE	15
23	T	10/17	0	41.2	-56.2	983	36	ENE	15
24	T	10/17	10	42.4	-53.5	987	33	ENE	15
25	T	10/17	22	43.5	-54.0	987	33	NNW	10
26	T	10/18	0	43.7	-54.1	987	33	0	0
27	T	10/18	4	44.0	-55.0	987	33	NW	10
28	STS	10/18	22	44.0	-57.5	997	26	W	5

10. TC = ATL8411 Name = KLAUS All Points = 27

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/06	18	17.0	-67.0	1001	15	N	5
2	TS	11/06	22	17.3	-66.3	1000	21	NE	5
3	TS	11/07	4	17.5	-66.2	997	21	0	0
4	TS	11/07	10	18.5	-66.5	997	21	NNE	8
5	STS	11/07	16	19.0	-65.0	991	31	NE	8
6	T	11/07	22	19.4	-64.7	983	36	NE	8
7	T	11/08	10	19.8	-62.5	980	38	ENE	10
8	T	11/08	16	19.7	-61.6	974	44	E	10
9	T	11/08	22	20.3	-60.5	980	38	ENE	10
10	T	11/09	2	20.5	-60.4	980	38	NE	10
11	T	11/09	12	21.5	-59.5	983	36	E	9
12	T	11/09	22	23.5	-58.0	980	38	NE	10
13	T	11/10	2	24.0	-57.3	977	41	NE	12
14	T	11/10	10	25.1	-55.6	971	41	NE	15
15	T	11/10	16	27.0	-54.6	971	41	NE	20
16	T	11/10	22	29.0	-53.0	977	41	NE	25
17	T	11/11	0	31.0	-51.0	977	41	NE	30
18	T	11/11	10	33.3	-50.5	980	38	NE	25
19	T	11/11	16	34.5	-50.5	980	38	NE	20
20	T	11/11	22	34.0	-53.0	980	38	WNW	15
21	T	11/12	6	36.0	-53.8	980	38	NNW	9
22	T	11/12	10	36.0	-54.0	980	38	0	0
23	STS	11/12	16	35.0	-56.0	994	28	WSW	9
24	STS	11/12	22	35.3	-54.5	994	28	E	9

25	STS	11/13	2	37.5	-51.5	994	28	NE	15
26	STS	11/13	10	38.5	-50.0	994	28	NE	20
27	L	11/13	16	41.5	-47.5	994	28	NE	25

11. TC = ATL8412 Name = LILI All Points = 19

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	12/19	12	33.0	-53.0	1009	15	ENE	10
2	TS	12/20	0	32.0	-51.5	1000	23	SE	5
3	T	12/20	12	31.0	-50.0	980	36	SE	10
4	T	12/20	16	30.5	-52.0	987	33	ESE	5
5	T	12/20	22	30.5	-52.0	987	33	0	0
6	T	12/21	4	30.0	-52.0	987	33	S	5
7	T	12/21	10	29.3	-52.0	987	33	S	4
8	T	12/21	16	29.0	-51.5	987	33	SSE	5
9	T	12/21	22	28.5	-52.5	987	33	SSW	5
10	T	12/22	12	26.7	-53.7	987	33	SW	7
11	T	12/22	18	25.5	-55.0	987	33	SW	12
12	T	12/22	22	24.0	-57.0	987	33	SW	18
13	T	12/23	4	22.0	-59.0	987	33	SW	20
14	T	12/23	10	21.0	-60.0	987	33	SW	19
15	T	12/23	16	22.0	-62.5	987	33	W	19
16	TS	12/23	22	21.5	-64.0	1000	23	W	18
17	TS	12/24	4	20.7	-66.7	1000	23	W	20
18	TS	12/24	10	19.8	-69.2	1005	18	W	22
19	TD	12/24	16	19.0	-70.5	1009	15	W	10

1984. North Indian Ocean

1. TC = NIN8401 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	05/26	13	13.0	52.0	1000	15	W	5
2	TS	05/27	0	13.2	49.8	997	18	WNW	10
3	STS	05/27	13	12.0	47.9	990	26	SW	10
4	TS	05/28	0	11.1	44.2	995	21	WSW	10
5	TD	05/28	18	10.5	43.0	1000	15	SSW	10

2. TC = NIN8402 Name = NO NAME All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	10/12	12	19.0	89.3	1000	15	NNW	3
2	STS	10/13	0	19.7	88.0	987	26	NW	6
3	STS	10/13	12	20.5	87.5	987	26	NW	6
4	STS	10/14	0	21.0	87.5	987	26	N	6
5	TD	10/14	18	21.5	87.0	1000	15	NW	5

3. TC = NIN8403 Name = NO NAME All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/09	12	9.5	87.2	1002	15	WNW	8
2	TD	11/10	0	9.5	86.0	1002	15	WNW	5
3	TD	11/10	12	10.0	84.8	1002	15	WNW	8
4	TD	11/11	0	11.0	82.0	1002	15	WNW	5
5	T	11/11	12	11.2	81.3	976	33	WNW	8
6	T	11/12	0	11.7	81.0	976	33	NW	5
7	T	11/12	12	12.8	80.8	954	46	NW	8
8	T	11/13	0	13.6	80.6	978	33	N	10
9	T	11/13	12	13.7	80.3	978	33	N	5
10	T	11/14	0	14.0	80.2	980	33	0	0
11	TD	11/14	18	14.5	79.5	998	15	NW	5

4. TC = NIN8404 Name = NO NAME All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/27	12	8.5	85.5	1000	15	WNW	5
2	TD	11/28	12	9.1	84.5	1000	15	WNW	5
3	T	11/29	0	10.0	84.6	994	33	WNW	7
4	T	11/29	12	9.5	84.5	994	33	S	10
5	T	11/30	0	9.5	84.5	992	33	0	0
6	T	11/30	12	10.8	84.0	990	33	NW	3
7	T	12/01	0	10.9	82.2	990	33	WNW	5
8	TD	12/01	12	11.0	78.7	1000	15	W	15
9	TD	12/02	0	12.6	76.5	1002	15	WNW	8
10	TD	12/02	12	13.0	75.0	1003	15	WNW	8
11	TD	12/03	0	12.8	72.0	1004	15	W	10
12	TD	12/04	0	11.4	64.7	1004	15	WSW	12
13	TD	12/05	0	9.5	57.5	1004	15	WSW	10

1984. South Indian Ocean

1. TC = SIN8401 Name = TIM All Points = 15

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/03	23	-14.0	105.0	1005	15	NW	5
2	TD	01/04	0	-13.0	105.0	1005	15	N	5
3	TD	01/04	12	-12.0	104.0	1005	15	NW	5
4	TD	01/05	0	-12.0	105.0	1005	15	E	10
5	TS	01/05	9	-12.0	104.0	1000	18	W	10
6	TS	10/05	18	-11.0	101.0	1000	18	0	0
7	TS	01/06	9	-11.0	101.0	1000	21	0	0
8	TS	01/06	21	-12.0	100.9	995	21	SW	7
9	TS	01/07	0	-12.0	100.9	995	21	0	0
10	STS	01/07	22	-17.0	103.0	990	26	SE	8
11	STS	01/08	0	-17.0	103.0	990	26	0	0
12	STS	01/08	21	-19.0	104.0	990	26	SSE	5
13	STS	01/09	3	-19.5	105.0	990	26	SE	5
14	TS	01/09	12	-20.0	104.0	995	21	SE	5
15	TD	01/09	20	-22.0	105.0	1000	15	SSE	3

2. TC = SIN8402 Name = NO NAME All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/05	4	-16.0	43.0	1005	15	S	10
2	TD	01/05	12	-17.6	42.2	1005	15	SSE	12
3	TD	01/06	4	-18.0	44.0	1005	13	S	5
4	TD	01/06	11	-20.5	43.0	1005	15	SE	10
5	TD	01/07	4	-23.0	48.5	1007	15	ESE	10
6	TD	01/07	12	-20.0	50.0	1007	15	NNE	10
7	TD	01/08	3	-22.0	52.0	1007	15	SE	10
8	TS	01/08	12	-22.0	53.2	1005	18	E	10
9	TD	01/09	0	-23.0	53.0	1010	15	S	7

3. TC = SIN8403 Name = DOMOINA All Points = 25

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/18	3	-14.8	59.3	1005	15	SW	8
2	TS	01/18	12	-16.0	56.5	1003	18	SW	8
3	TD	01/19	4	-15.3	55.5	1003	15	NW	5
4	TS	01/19	13	-16.3	54.8	995	18	SW	7
5	TS	01/19	19	-16.0	52.0	995	18	W	7
6	STS	01/20	6	-17.0	51.7	988	31	SW	10
7	STS	01/20	12	-17.8	50.0	988	31	SW	8

8	STS	01/21	0	-18.4	49.6	990	28	SSW	6
9	TS	01/21	13	-17.5	50.0	995	21	NNE	5
10	TS	01/22	5	-19.0	49.0	1000	18	SW	6
11	TD	01/22	12	-19.0	46.0	1000	15	W	15
12	TD	01/23	4	-18.2	43.7	1005	15	WNW	10
13	TD	01/23	12	-20.0	44.5	1005	15	SE	15
14	TD	01/24	4	-19.8	44.5	1005	15	0	0
15	TD	01/24	10	-21.0	41.0	1005	15	WSW	9
16	TD	01/25	0	-23.0	42.0	1005	15	SW	10
17	TD	01/25	3	-21.4	41.5	1005	15	WSW	9
18	TD	01/25	14	-22.2	40.5	1005	15	SW	9
19	TD	01/26	5	-22.3	39.1	1000	15	SW	9
20	TS	01/26	13	-22.8	40.5	995	21	SW	7
21	TS	01/26	22	-23.5	39.8	995	21	WSW	5
22	STS	01/27	13	-22.5	36.5	990	26	WSW	5
23	STS	01/28	4	-23.2	35.6	990	26	SW	4
24	TS	01/29	0	-24.0	34.0	1000	18	SW	4
25	TD	01/29	4	-24.0	33.5	1002	15	W	5

4. TC = SIN8404 Name = EDOARA All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/20	21	-17.0	74.0	1005	15	SW	10
2	TS	01/21	11	-17.4	70.4	1000	18	SW	10
3	TS	01/21	13	-17.0	71.0	1000	18	SW	12
4	TS	01/22	3	-17.8	67.5	1000	18	WSW	14
5	TS	01/22	13	-18.0	65.0	1000	18	WSW	12
6	TS	01/23	3	-20.0	62.0	998	21	WSW	12
7	TS	01/23	12	-23.0	59.8	998	21	SSW	20
8	TD	01/24	3	-24.0	56.4	1000	15	SW	15
9	TD	01/24	12	-26.3	55.3	1000	15	SSW	17
10	TD	01/25	0	-27.3	55.0	1000	15	SE	15
11	L	01/26	0	-29.4	56.0	1005	13	SE	15

5. TC = SIN8405 Name = VIVIENNE All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/25	0	-15.0	91.0	1000	15	S	5
2	TS	01/25	10	-15.1	86.5	1000	21	W	8
3	TS	01/25	22	-15.0	84.0	995	21	W	10
4	TS	01/26	18	-15.1	81.5	995	21	SW	8
5	STS	01/26	21	-15.9	82.2	990	26	NW	8
6	STS	01/27	10	-15.5	80.0	990	26	SW	8
7	STS	01/28	3	-16.8	78.6	990	26	WSW	8
8	TS	01/28	11	-16.8	74.8	995	21	W	15
9	TS	01/29	2	-18.2	72.9	995	21	SW	10
10	TD	01/29	11	-19.0	72.0	1000	15	SW	8
11	TD	01/30	2	-20.0	67.8	1005	15	W	12

6. TC = SIN84-1 Name = NO NAME All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/29	12	-14.0	56.5	1005	15	E	10
2	TD	01/30	4	-14.0	59.4	1005	15	SW	10
3	TD	01/30	12	-16.0	56.0	1005	15	SW	10
4	TD	01/31	12	-18.0	54.0	1000	15	SW	10
5	TD	02/01	13	-21.5	49.5	1000	15	WSW	5
6	TD	02/02	4	-21.5	48.4	1000	15	W	5

7. TC = SIN8407 Name = HAJA All Points = 30

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/05	9	-15.0	77.0	1005	15	N	5
2	TS	02/06	9	-13.3	76.5	1003	18	N	8

3	TS	02/06	12	-14.0	77.0	1003	18	S	10
4	TS	02/07	6	-13.0	72.5	1000	18	WNW	10
5	TS	02/07	9	-13.0	69.0	1000	18	W	12
6	TD	02/08	2	-12.8	68.5	1005	15	W	10
7	TD	02/08	11	-13.0	71.5	1005	15	E	10
8	TD	02/09	4	-13.8	72.0	1005	15	SE	5
9	TD	02/09	10	-13.2	71.0	1005	15	W	10
10	TD	02/09	15	-12.0	69.5	1005	15	NW	5
11	TS	02/09	23	-12.3	70.9	998	18	NE	5
12	TS	02/10	10	-11.3	72.0	998	18	NE	5
13	TD	02/11	3	-14.2	73.4	998	15	SE	8
14	TD	02/12	0	-16.0	73.0	998	15	SE	8
15	TD	02/12	11	-16.0	75.0	998	15	E	8
16	TD	02/13	2	-16.5	72.8	1000	15	SE	8
17	TD	02/13	11	-18.0	73.3	1000	15	SSE	10
18	TD	02/14	2	-17.4	70.5	1000	15	WNW	8
19	TS	02/15	3	-18.5	68.5	995	21	SW	8
20	TS	02/15	11	-22.1	67.0	995	18	SSW	10
21	TS	02/16	12	-21.9	62.3	995	18	W	15
22	TS	02/17	4	-23.5	59.2	995	18	WSW	12
23	TS	02/17	12	-23.8	57.7	995	18	W	12
24	TS	02/18	4	-24.0	54.0	995	21	W	12
25	TD	02/18	9	-25.0	55.0	1000	15	SW	10
26	TD	02/19	10	-26.2	51.3	1000	15	SW	10
27	TD	02/20	0	-26.5	50.0	1000	15	SW	10
28	TS	02/20	13	-27.7	49.0	995	18	SW	15
29	TS	02/21	4	-30.5	50.5	995	18	SE	10
30	L	02/21	12	-33.0	51.0	995	18	S	10

8. TC = SIN8408 Name = WILLY All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/07	6	-15.0	108.0	1005	15	SW	8
2	TD	02/07	21	-16.0	107.0	1005	15	SW	8
3	TD	02/08	8	-17.0	105.0	1005	15	SW	8
4	TS	02/08	20	-18.0	102.0	1000	18	SW	10
5	TS	02/09	8	-20.0	100.0	1000	18	SW	10
6	TS	02/09	15	-21.0	96.5	1000	18	SE	7
7	TD	02/09	19	-21.6	98.2	1005	15	SE	5

9. TC = SIN8409 Name = ANNETE All Points = 35

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/05	12	-11.0	96.0	1007	15	SW	15
2	TD	02/06	9	-14.6	94.4	1007	15	SW	10
3	TD	02/07	6	-15.0	92.2	1005	15	WSW	10
4	TD	02/07	9	-16.0	90.4	1005	15	WSW	10
5	TS	02/08	11	-16.5	87.0	1000	21	W	8
6	TS	02/09	0	-15.0	88.0	1000	21	NNE	8
7	STS	02/09	15	-15.0	86.8	995	26	W	6
8	STS	02/09	21	-14.6	86.4	995	26	0	0
9	STS	02/10	10	-14.4	89.0	995	26	E	10
10	STS	02/10	21	-14.4	89.9	995	26	E	5
11	STS	02/11	3	-15.7	91.2	995	26	SE	10
12	STS	02/11	10	-15.8	90.1	988	31	SW	8
13	STS	02/11	21	-16.3	86.3	988	31	SW	8
14	STS	02/12	0	-16.0	83.0	985	31	SW	8
15	STS	02/12	10	-15.5	86.8	985	31	ENE	10
16	STS	02/13	0	-16.5	86.0	985	31	SW	7
17	T	02/13	9	-16.3	86.6	980	37	SW	7
18	T	02/14	2	-17.1	84.3	980	37	SW	7
19	T	02/14	9	-16.7	85.9	970	44	E	10

20 T	02/14	21	-18.6	83.5	970	44	SW	7	
21 T	02/15	10	-18.9	82.1	960	50	SW	7	
22 T	02/16	3	-20.0	81.0	960	49	SW	7	
23 T	02/16	11	-19.6	79.9	940	62	W	10	
24 T	02/17	2	-19.3	78.7	940	62	W	5	
25 T	02/17	10	-19.7	77.1	940	62	W	8	
26 T	02/18	0	-20.5	75.0	940	62	SW	8	
27 T	02/18	8	-20.5	75.0	940	57	SW	8	
28 T	02/19	10	-22.5	73.0	950	51	SW	8	
29 T	02/20	0	-23.0	71.0	950	51	SW	10	
30 T	02/20	11	-24.0	69.0	965	46	SW	8	
31 T	02/20	21	-24.5	67.8	970	41	SW	8	
32 T	02/21	11	-27.0	66.5	980	36	SSW	15	
33 STS	02/22	0	-28.0	67.0	985	31	SE	15	
34 L	02/22	11	-31.5	69.0	998	21	SE	20	
35 L	02/23	0	-35.0	70.0	1000	18	SE	20	
10. TC = SIN8410 Name = IMBOA All Points = 14									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/11	4	-18.5	41.5	1005	15	SW	5
2	TD	02/11	13	-18.8	40.8	1005	15	SSW	5
3	TD	02/12	0	-19.0	40.0	1005	15	SW	8
4	STS	02/12	13	-20.9	42.2	995	26	SSE	10
5	STS	02/13	4	-22.5	41.8	985	31	S	10
6	STS	02/13	12	-24.8	40.0	980	26	SSE	15
7	TS	02/14	13	-24.5	39.8	990	21	0	0
8	TS	02/15	4	-25.3	38.2	990	21	WNW	5
9	TS	02/15	12	-26.4	39.0	990	21	S	10
10	TS	02/16	4	-26.8	39.2	990	21	S	3
11	TS	02/16	14	-27.8	38.7	990	21	SW	10
12	TS	02/17	14	-27.5	36.0	995	18	SW	10
13	TS	02/18	6	-28.3	33.0	995	18	SSW	10
14	TD	02/18	14	-29.00	32.0	1000	15	SW	5
11. TC = SIN8411 Name = BOBBY All Points = 13									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/18	8	-18.0	117.0	1000	15	SW	5
2	TS	02/18	21	-19.0	116.0	996	21	NW	7
3	TS	02/19	0	-17.5	115.5	996	21	SW	8
4	TS	02/19	8	-18.0	114.0	996	21	SW	5
5	TS	02/19	20	-19.0	113.0	996	21	SW	8
6	TS	02/20	12	-19.0	113.0	990	23	0	0
7	TS	02/21	0	-20.0	110.0	990	23	WSW	10
8	TS	02/21	9	-22.0	110.0	990	23	S	8
9	TS	02/21	21	-24.0	110.0	995	21	S	10
10	TS	02/22	8	-26.0	109.0	995	21	SSW	8
11	TS	02/22	21	-25.0	109.0	1000	18	N	5
12	TD	02/23	0	-25.0	108.0	1005	15	W	10
13	TD	02/23	12	-25.0	103.0	1010	13	W	5
12. TC = SIN8412 Name = CHLOE All Points = 9									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/27	8	-16.0	123.0	1005	15	SW	8
2	TS	02/28	0	-17.0	121.0	1000	18	SW	8
3	TS	02/28	8	-18.0	120.0	996	21	SW	7
4	TS	02/28	20	-19.0	119.0	996	21	SW	8
5	STS	02/29	0	-19.0	117.0	990	26	W	15
6	TS	02/29	12	-22.0	118.0	994	23	SSE	8
7	TS	03/01	0	-22.0	116.0	998	21	W	8
8	TS	03/02	0	-22.0	113.0	999	18	W	8
9	TD	03/02	12	-23.0	113.0	998	13	S	8
13. TC = SIN8413 Name = DARYL All Points = 12									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	03/11	12	-13.0	97.0	1005	15	W	15
2	TS	03/12	0	-13.0	93.0	1000	18	SW	10
3	TS	03/12	11	-11.9	93.9	998	21	SW	10
4	STS	03/12	21	-14.1	90.7	995	26	SW	12
5	T	03/13	10	-15.9	88.2	970	44	SW	8
6	T	03/14	0	-16.0	86.0	970	44	SW	8
7	T	03/14	10	-18.2	84.7	960	50	SW	8
8	T	03/15	0	-19.0	83.0	970	44	SW	8
9	STS	03/15	12	-22.0	82.0	980	31	SW	8
10	STS	03/16	1	-24.0	81.0	990	26	SW	8
11	TD	03/17	11	-25.5	79.0	1005	15	S	5
12	TD	03/18	0	-27.0	79.0	1006	15	S	3
14. TC = SIN8414 Name = KAMISY All Points = 18									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	04/04	11	-13.0	73.0	1007	15	W	15
2	TD	04/05	12	-12.5	68.5	1007	15	WSW	13
3	TS	04/06	3	-12.5	64.0	998	21	W	12
4	STS	04/06	12	-12.4	62.8	990	31	W	13
5	T	04/07	0	-12.2	59.9	980	41	SW	12
6	T	04/07	12	-13.1	57.7	965	46	WSW	12
7	T	04/08	4	-13.5	54.2	965	46	W	12
8	T	04/08	12	-13.0	52.3	950	57	W	10
9	T	04/09	0	-12.6	50.2	950	57	SW	10
10	T	04/09	13	-13.0	48.1	960	49	SW	8
11	T	04/10	13	-13.0	45.0	960	49	WSW	11
12	T	04/11	1	-13.7	43.9	970	44	SE	5
13	T	04/11	11	-14.9	45.1	980	37	S	5
14	STS	04/12	4	-16.2	46.5	990	31	SE	7
15	STS	04/12	12	-18.0	47.0	990	31	SE	7
16	STS	04/13	3	-18.6	51.0	990	31	E	7
17	TD	04/13	12	-18.5	50.2	1000	13	SSW	7
18	TD	04/14	0	-20.0	51.0	1005	13	SSW	3
15. TC = SIN8415 Name = ANETY All Points = 22									
N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	11/10	11	-10.0	75.5	1005	15	W	5
2	TS	11/11	3	-10.0	74.0	998	21	WSW	10
3	TD	11/11	11	-10.5	71.0	1000	15	W	15
4	TD	11/12	0	-10.0	71.0	1003	15	0	0
5	TS	11/12	12	-12.2	66.7	1000	18	WSW	10
6	TS	11/13	0	-11.5	62.0	1000	18	WNW	10
7	TS	11/13	12	-13.5	59.3	1000	18	WSW	15
8	TS	11/14	3	-13.4	54.5	1000	18	W	20
9	TS	11/14	12	-12.0	56.0	1000	18	NE	15
10	TS	11/15	0	-10.0	56.0	1000	18	N	10
11	TS	11/15	12	-12.0	54.0	1000	18	SW	10
12	TD	11/16	12	-12.0	53.0	1005	15	SW	5
13	TS	11/17	0	-11.0	57.0	1000	18	ENE	15
14	TS	11/17	12	-10.0	59.0	1000	18	ENE	10
15	TS	11/18	9	-11.0	53.0	1000	18	WSW	15
16	TS	11/19	4	-13.0	51.4	1000	18	SW	10
17	TD	11/19	12	-13.5	52.5	1005	15	SE	7
18	TD	11/20	4	-15.5	51.0	1005	15	SW	8
19	TD	11/20	12	-15.0	49.5	1005	13	W	8
20	TD	11/21	0	-15.0	49.0	1005	13	W	5

21	TD	11/22	4	-15.0	43.6	1005	15	W	15
22	TD	11/22	13	-15.7	41.5	1005	15	WSW	13

16. TC = SIN8416 Name = BOBALAHY All Points = 14

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	12/03	11	-14.0	78.5	1005	15	WSW	8
2	TS	12/04	1	-15.0	76.3	998	21	WSW	8
3	TS	12/04	11	-16.0	74.8	998	21	WSW	8
4	TS	12/05	2	-17.0	73.0	995	23	SSW	5
5	STS	12/05	6	-17.0	73.0	995	26	SSW	5
6	TS	12/06	2	-17.7	70.2	995	21	W	9
7	TS	12/06	6	-20.5	72.5	1000	21	S	8
8	TD	12/06	10	-18.7	69.5	1005	15	SSW	8
9	TS	12/07	2	-19.2	67.8	1000	18	SW	8
10	TD	12/07	6	-18.6	66.4	1005	15	WSW	12
11	TS	12/07	12	-19.0	65.5	1000	23	WSW	10
12	TS	12/08	0	-19.8	63.8	995	23	SW	10
13	TS	12/08	12	-21.5	62.0	1000	21	SW	10
14	TD	12/08	22	-22.5	60.5	1005	15	SW	5

17. TC = SIN8417 Name = EMMA All Points = 5

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	12/10	15	-15.0	108.0	1005	15	N	5
2	TS	12/11	0	-14.0	108.0	1000	18	SE	10
3	TS	12/11	12	-17.0	110.0	1000	18	SE	15
4	TS	12/12	0	-19.0	113.0	998	21	SE	15
5	TD	12/12	12	-21.0	116.0	999	15	SE	15

1984. Southwest Pacific Ocean

1. TC = SWP8401 Name = GRACE All Points = 14

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	01/12	21	-15.0	151.0	1005	15	S	10
2	TD	01/13	3	-16.0	152.0	1005	15	SE	10
3	TD	01/13	21	-15.0	152.0	1005	15	S	10
4	TD	01/14	6	-16.0	152.0	1004	15	S	15
5	TS	01/15	21	-20.0	152.0	1000	18	E	5
6	TS	01/16	2	-20.2	153.0	1000	18	SE	7
7	TS	01/16	12	-21.0	155.0	996	21	SE	7
8	TS	01/16	21	-21.0	157.0	996	21	SE	7
9	TS	01/17	1	-22.5	157.5	995	23	SE	7
10	TS	01/17	8	-23.0	156.0	995	23	SE	12
11	TS	01/18	0	-23.5	160.5	992	23	SE	10
12	TS	01/18	21	-24.0	162.0	992	23	E	8
13	TS	01/19	0	-24.0	162.0	992	21	E	5
14	TD	01/19	7	-24.0	162.0	998	15	0	0

2. TC = SWP8402 Name = BETI All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/02	12	-17.0	162.0	996	15	0	0
2	TD	02/02	20	-17.0	162.0	996	17	0	0
3	TD	02/03	0	-17.0	163.0	996	17	E	7
4	TS	02/03	8	-18.0	164.0	992	21	SE	10
5	TS	02/03	12	-19.0	164.0	992	21	SE	8
6	STS	02/03	20	-19.0	166.0	988	31	SSE	10
7	STS	02/04	9	-21.0	168.0	985	31	SE	8
8	STS	02/04	20	-21.0	171.0	985	31	SE	8

9	STS	02/05	9	-22.0	171.0	990	28	SE	10
10	TD	02/05	12	-22.0	171.0	995	15	0	0
11	TD	02/06	0	-22.0	171.0	1000	15	0	0

3. TC = SWP8403 Name = HARVEY All Points = 13

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/05	0	-16.0	155.0	1005	15	0	0
2	TS	02/05	9	-16.0	155.0	1000	21	SE	10
3	TS	02/05	12	-15.0	156.0	1000	21	SE	12
4	TS	02/05	22	-18.8	157.0	998	21	SW	7
5	TS	02/06	8	-19.0	156.0	998	21	SE	10
6	STS	02/07	0	-20.0	158.0	988	28	SE	10
7	STS	02/07	8	-20.0	159.0	988	28	SE	8
8	STS	02/08	0	-21.0	161.0	985	28	SE	4
9	TS	02/09	0	-21.0	163.0	988	21	SE	5
10	TS	02/09	8	-22.0	162.0	990	23	SE	5
11	TS	02/09	21	-22.0	163.0	995	21	E	6
12	TS	02/10	0	-21.0	164.0	995	21	NE	10
13	TD	02/10	12	-21.0	164.5	998	15	E	3

4. TC = SWP8404 Name = NO NAME All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/21	0	-21.0	169.0	1000	15	SE	12
2	TS	02/21	9	-22.0	170.0	1000	21	E	10
3	STS	02/22	0	-24.0	173.0	990	26	SE	15
4	TS	02/23	0	-24.0	177.0	1000	21	S	15
5	TS	02/23	12	-26.0	177.0	1000	18	S	15
6	L	02/24	0	-28.0	177.0	1005	15	S	10

5. TC = SWP8405 Name = INGRID All Points = 10

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	02/21	8	-18.0	150.0	1005	15	NE	7
2	TD	02/21	21	-17.0	151.0	1005	15	NE	7
3	TS	02/22	8	-17.0	151.0	1000	18	E	7
4	TS	02/22	21	-17.0	152.0	995	21	SE	10
5	TS	02/23	9	-19.0	155.0	995	21	SE	7
6	TS	02/23	12	-18.0	156.0	995	21	SE	7
7	TS	02/23	20	-19.0	157.0	992	23	SE	7
8	TS	02/24	0	-20.0	158.0	992	23	SE	10
9	TS	02/24	12	-20.0	158.0	992	23	SSE	5
10	TD	02/25	0	-23.0	157.0	1000	15	SSE	5

6. TC = SWP8406 Name = JIM All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	03/07	20	-11.0	144.0	1007	15	SW	8
2	TD	03/08	2	-12.0	143.0	1005	15	SW	8
3	TD	03/08	9	-13.0	141.0	1005	15	SW	8
4	TS	03/09	2	-12.6	137.8	1000	18	WSW	8
5	TS	03/09	8	-14.0	138.0	1000	18	SW	8
6	TD	03/09	21	-15.0	135.0	1005	15	WSW	10

7. TC = SWP8407 Name = CYRIL All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	03/16	21	-16.0	174.0	1005	15	E	5
2	TS	03/17	8	-16.0	175.0	995	21	SE	10
3	TS	03/17	21	-19.0	176.0	995	21	SE	10
4	TS	03/18	8	-22.0	179.0	995	21	SE	10
5	TS	03/19	0	-23.0	-178.0	995	21	SE	20
6	L	03/19	7	-24.0	-176.0	1000	15	SE	15

8. TC = SWP8408 Name = KATHY All Points = 12

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	03/17	8	-13.0	146.0	1005	15	W	5
2	TD	03/18	8	-13.0	147.0	1005	15	W	5
3	TS	03/18	19	-12.0	146.0	1000	18	NW	8
4	TS	03/19	7	-12.0	143.0	1000	18	W	12
5	TS	03/19	20	-12.0	144.0	1000	18	E	8
6	TS	03/21	0	-13.0	138.0	995	21	WSW	10
7	TS	03/21	7	-14.0	138.0	995	21	S	5
8	STS	03/22	0	-15.0	138.0	990	26	S	5
9	STS	03/22	12	-16.0	138.0	990	26	S	5
10	STS	03/22	21	-16.0	137.0	990	26	W	5
11	STS	03/23	0	-16.0	137.0	985	31	0	0
12	TD	03/23	12	-17.0	135.0	995	15	WSW	8

9. TC = SWP8409 Name = NO NAME All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	03/22	12	-17.0	173.0	1000	15	0	0
2	TD	03/23	0	-16.0	173.0	1000	15	N	10
3	TS	03/23	12	-15.0	175.0	995	18	ENE	10
4	TS	03/24	0	-13.0	176.0	995	18	NNE	10
5	TS	03/24	20	-12.5	174.0	995	18	WNW	8
6	TS	03/25	0	-13.5	172.5	995	18	WSW	15
7	TS	03/25	20	-12.5	173.5	995	18	NE	7
8	TS	03/26	0	-13.5	174.0	995	18	SE	7
9	TS	03/26	7	-11.0	174.0	995	18	N	10
10	TS	03/26	12	-12.0	174.0	995	18	S	10
11	TD	03/26	22	-16.5	176.0	1000	15	SSE	10

10. TC = SWP84-1 Name = NO NAME All Points = 6

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	03/22	0	-13.0	153.0	1005	15	N	5
2	TD	03/23	0	-12.0	153.0	1005	15	N	5
3	TD	03/23	12	-11.0	153.0	1005	15	N	8
4	TD	03/24	0	-12.0	156.0	1005	15	SE	7
5	TD	03/24	20	-13.0	157.0	1005	15	SE	7
6	TD	03/25	0	-15.0	160.0	1005	15	SE	15

11. TC = SWP8410 Name = NO NAME All Points = 9

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	03/28	0	-11.0	180.0	1004	13	0	0

2	TD	03/28	8	-11.0	-179.0	1004	15	SE	8
3	TS	03/28	21	-12.0	-178.0	995	18	SE	8
4	TS	03/29	8	-13.0	-176.0	995	18	SE	8
5	TS	03/29	12	-14.0	-175.0	995	18	SE	8
6	TS	03/30	0	-15.0	-174.0	995	18	SE	10
7	TS	03/31	0	-17.0	-171.0	995	18	SE	18
8	TD	03/31	19	-22.0	-168.0	1000	15	SE	20
9	L	04/01	8	-26.0	-165.0	1002	15	SE	20

12. TC = SWP8411 Name = LANCE All Points = 11

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	04/04	12	-10.0	150.0	1005	15	S	15
2	TD	04/05	0	-13.0	150.0	1005	15	S	12
3	TS	04/05	10	-15.0	151.0	995	18	SSE	8
4	TS	04/06	3	-15.0	150.0	995	18	W	5
5	TS	04/06	8	-15.0	150.0	995	21	0	0
6	TS	04/06	12	-18.0	150.0	995	21	SSE	6
7	TS	04/07	3	-19.0	155.0	995	21	ESE	10
8	TS	04/07	12	-23.0	154.0	995	21	SSW	8
9	STS	04/08	0	-26.0	154.0	990	28	S	10
10	STS	04/08	12	-28.0	155.0	995	28	SSE	10
11	TD	04/09	0	-28.0	153.0	1000	15	W	8

13. TC = SWP84-2 Name = NO NAME All Points = 4

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	04/04	12	-10.2	137.5	1005	15	0	0
2	TD	04/05	0	-10.0	137.0	1005	15	W	10
3	TD	04/05	10	-10.0	135.0	1005	13	W	10
4	TD	04/06	10	-10.0	135.0	1007	13	0	0

14. TC = SWP8412 Name = MONICA All Points = 7

N	Stage	Date	Time	Lat	Long	Pres	Wind	Shift	Vel
1	TD	12/27	0	-17.0	153.0	995	15	N	3
2	TS	12/27	12	-16.0	154.0	989	21	NE	10
3	TS	12/28	0	-18.0	155.0	987	21	SSE	12
4	TS	12/28	12	-20.0	160.0	987	21	ESE	12
5	TS	12/29	0	-21.0	161.0	990	21	SE	12
6	STS	12/29	12	-25.0	163.0	984	26	SE	15
7	L	12/30	0	-31.0	163.0	990	21	SE	20