

1983

In Ocean was recorded 75 tropical cyclones and 9 tropical disturbances. From this:

1. Northwest Pacific Ocean — 23TC

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	8301	SARAN	13.4	112.5	06/24–06/26	TS	
2	8302	TIP	14.0	124.0	07/10–07/14	T	
3	8303	VERA	9.0	142.0	07/10–07/18	T	
4	8304	WAYNE	13.0	135.0	07/22–07/25	T	
5	8305	ABBY	8.5	143.0	08/04–08/20	T	
6	8306	BEN	24.5	144.5	08/11–08/15	STS	
7	8307	CARMEN	18.0	125.0	08/13–08/15	TS	
8	8308	DOM	16.0	135.0	08/18–08/28	TS	
9	8309	ELLEN	13.0	164.0	08/30–09/09	T	
10	8310	FORREST	6.0	153.0	09/19–09/28	T	
11	8311	GEORGIA	18.0	117.0	09/28–10/01	STS	
12	8312	HERBERT	11.0	115.0	10/06–10/09	TS	
13	8313	IDA	17.5	146.0	10/06–10/11	STS	
14	8314	JOE	13.5	130.0	10/09–10/14	STS	
15	8315	KIM	9.5	114.0	10/16–10/17	TS	
16	8316	LEX	14.0	130.0	10/19–10/26	STS	
17	8317	MARGE	10.8	144.3	10/31–11/07	T	
18	8318	NORRIS	18.0	151.0	11/08–11/10	TS	
19	8319	ORCHID	10.5	137.0	11/17–11/26	T	
20	8320	PERCY	9.0	113.0	11/18–11/23	T	
21	8321	RUTH	9.0	144.0	11/22–11/30	STS	
22	8322	SPERRY	7.3	146.5	11/30–12/05	TS	
23	8323	THELMA	11.2	140.2	12/15–12/18	STS	

2. Northeast Pacific Ocean — 21TC

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	8301	ADOLPH	5.7	–92.0	05/21–05/28	T	
2	8302	BARBARA	11.2	–93.6	06/09–06/18	T	
3	8303	COSME	10.5	–109.5	07/02–07/05	TS	
4	8304	DALILIA	12.8	–102.4	07/06–07/11	STS	
5	8305	ERICK	10.5	–104.0	07/12–07/16	STS	
6	8306	FLOSSIE	16.4	–105.0	07/17–07/21	STS	
7	8307	GIL	11.0	–95.0	07/23–08/06	T	
8	8308	HENRIETTE	11.5	–95.4	07/27–08/06	T	
9	8309	ISMAEL	12.8	–106.5	08/08–08/14	T	
10	8310	JULIETTE	11.2	–107.4	08/24–09/01	STS	
11	8311	KIKO	12.2	–102.1	08/31–09/09	T	
12	8312	LORENA	15.5	–100.0	09/06–09/14	T	
13	8313	MANUEL	12.0	–99.2	09/12–09/20	T	
14	8314	NARDA	15.1	–112.0	09/21–10/01	STS	
15	8315	OCTAVE	11.8	–118.2	09/27–10/02	TS	
16	8316	PRISCILLA	11.7	–108.5	09/30–10/06	T	
17	8317	RAYMOND	13.0	–105.0	10/08–10/20	T	
18	8318	SONIA	13.2	–130.1	10/09–10/14	TS	
19	8319	TICO	8.5	–101.4	10/11–10/20	T	
20	8320	VELMA	7.8	–100.8	11/01–11/03	TS	
21	8321	WINNIE	12.8	–102.9	12/04–12/07	T	

3. North Atlantic Ocean — 4TC, 2TD

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	83-1	–	14.5	–65.5	07/28–07/29	TD	
2	83-2	–	14.8	–45.0	07/30–08/02	TD	
3	8301	ALICIA	27.3	–91.0	08/15–08/18	T	
4	8302	BARRY	26.0	–76.0	08/23–08/29	T	
5	8303	CHANTAL	30.4	–64.2	09/10–09/15	T	
6	8304	DEAN	30.0	–72.5	09/27–09/30	STS	

4. North Indian Ocean — 3TC, 1TD

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	8301	NO NAME	18.0	85.5	10/02–10/03	TS	
2	8302	NO NAME	19.5	90.0	10/14–10/15	TS	
3	83-1	–	18.0	94.0	10/20–10/20	TD	
4	8303	NO NAME	12.9	87.0	11/06–11/09	STS	

5. South Indian Ocean — 13TC, 4TD

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	8301	IANE	–14.5	115.0	01/06–01/09	T	
2	8302	ELINAH	–8.5	47.5	01/10–01/17	T	
3	8303	NO NAME	–18.2	62.8	02/05–02/08	TS	
4	83-1	–	–18.3	90.0	02/23–02/26	TD	
5	83-2	–	–17.0	63.0	02/26–03/01	TD	
6	8304	KEN	–12.5	120.0	02/28–03/03	TS	
7	8305	LENA	–13.5	115.5	04/05–04/08	TS	
8	8306	NAOMY	–13.0	82.0	04/21–04/29	T	
9	8307	MONTY	–13.0	103.0	04/24–04/28	STS	
10	8308	OSCAR	–11.0	87.0	10/25–10/31	STS	
11	83-3	–	–8.0	92.0	11/11–11/14	TD	
12	8309	NO NAME	–11.0	65.0	11/22–11/26	TS	
13	8310	QUENTON	–11.9	111.6	11/27–11/29	TS	
14	8311	ANDRY	–9.5	65.5	12/05–12/15	T	
15	8312	BAKOLY	–9.5	69.5	12/19–12/29	T	
16	8313	NO NAME	–14.0	83.5	12/26–12/30	TS	
17	83-4	–	–19.8	51.5	12/29–01/01	TD	

6. Southwest Pacific Ocean — 11TC, 2TD

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	83-1	–	–18.0	152.0	01/16–01/19	TD	
2	8301	MARK	–11.0	175.0	01/23–01/31	STS	
3	83-2	–	–16.0	–141.0	01/24–01/26	TD	
4	8302	ELINOR	–14.0	156.0	02/13–03/03	T	
5	8303	NISHA	–14.0	–142.0	02/21–02/28	T	
6	8304	OSCAR	–14.0	177.0	02/23–03/03	T	
7	8305	PREMA	–12.5	–163.0	02/26–02/28	TS	
8	8306	REWA	–12.0	–148.0	03/07–03/16	T	
9	8307	SARAH	–12.0	176.0	03/24–03/29	STS	
10	8308	TOMAS	–12.0	–159.0	03/28–04/03	T	
11	8309	VEENA	–12.0	–139.0	04/08–04/14	T	
12	8310	WILLIAM	–10.0	–133.0	04/15–04/22	T	
13	8311	FRITZ	–16.0	149.0	12/10–12/14	TS	

1984

In Ocean was recorded 88 tropical cyclones and 5 tropical disturbances. From this:

1. Northwest Pacific Ocean — 27TC

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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 — 16TC, 2TD

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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	–	14.5	–95.5	09/11–09/12	TD	
15	8414	NORBERT	18.5	–115.6	09/14–09/26	T	
16	84-2	–	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	

3. North Atlantic Ocean — 12TC

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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

We have no information about N 8405.

4. North Indian Ocean — 4TC

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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 — 17TC, 1TD

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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	-	-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	

We have no information about N 8406.

6. Southwest Pacific Ocean — 12TC, 2TD

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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	-	-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	-	-10.2	137.5	04/04-04/06	TD
14	8412	MONICA	-17.0	153.0	12/27-12/30	STS

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In Ocean was recorded 91 tropical cyclones and 4 tropical disturbances. From this:

1. Northwest Pacific Ocean — 27TC

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	8501	ELSIE	6.0	154.0	01/07–01/09	TS	
2	8502	FABIAN	10.0	131.5	01/05–01/13	TS	
3	8503	GAY	13.5	132.0	05/21–05/26	T	
4	8504	NO NAME	18.5	111.0	06/15–06/21	TS	
5	8505	HAL	16.0	132.5	06/19–06/25	T	
6	8506	IRMA	8.5	135.0	06/24–07/01	T	
7	8507	JEFF	22.5	146.0	07/22–08/02	T	
8	8508	KIT	21.0	146.0	07/31–08/10	T	
9	8509	LEE	21.0	131.5	08/09–08/14	STS	
10	8510	MAMIE	26.0	124.0	08/15–08/19	T	
11	8511	NELSON	13.5	144.5	08/14–08/24	T	
12	8512	ODESSA	19.0	141.0	08/23–09/02	T	
13	8513	PAT	23.5	123.0	08/25–09/01	T	
14	8514	RUBY	22.0	139.0	08/27–09/01	STS	
15	8515	SKIP	12.8	179.5	08/30–09/09	T	
16	8516	TESS	15.0	132.0	09/01–09/06	T	
17	8517	VAL	14.0	143.0	09/13–09/18	TS	
18	8518	WINONA	17.0	112.0	09/20–09/23	TS	
19	8519	ANDY	11.0	129.0	09/25–10/01	STS	
20	8520	BRENDA	16.0	131.0	09/30–10/05	T	
21	8521	CECIL	10.0	120.5	10/12–10/16	T	
22	8522	DOT	6.0	152.0	10/12–10/21	T	
23	8523	ELLIS	9.2	152.5	10/16–10/21	STS	
24	8524	FAYE	11.0	134.0	10/22–10/31	T	
25	8525	GORDON	11.0	115.0	11/20–11/25	TS	
26	8526	HOPE	8.0	139.0	12/17–12/24	T	
27	8527	IRVING	7.5	115.5	12/17–12/21	STS	

2. Northeast Pacific Ocean — 21TC, 2TD

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	8501	ANDRES	15.4	–100.1	06/05–06/12	STS	
2	8502	BLANCA	10.5	–93.0	06/07–06/17	T	
3	8503	CARLOS	8.7	–120.3	06/08–06/10	TS	
4	8504	ENRIQUE	9.5	–124.0	06/27–07/05	TS	
5	8505	FEFA	14.6	–103.6	07/02–07/06	STS	
6	8506	GUILLERMO	12.2	–100.0	07/07–07/12	STS	
7	85-1	–	18.0	–118.0	07/11–07/12	TD	
8	8507	IGNACIO	12.0	–134.0	07/20–07/26	T	
9	8508	JIMENA	11.5	–103.6	07/20–07/28	T	
10	8509	KEVIN	13.8	–102.6	07/29–08/06	STS	
11	8510	LINDA	12.0	–122.0	07/29–08/09	TS	
12	8511	MARTY	14.3	–109.2	08/07–08/14	T	
13	8512	NORA	15.2	–111.5	08/19–08/23	TS	
14	85-2	–	14.7	–163.7	08/20–08/22	TD	
15	8513	OLAF	12.5	–102.5	08/22–09/01	T	
16	8514	PAULINE	16.7	–105.0	08/27–09/09	T	
17	8515	RICK	14.0	–106.6	09/01–09/12	T	
18	8516	SANDRA	12.5	–99.5	09/06–09/16	T	

19	8517	TERRY	12.0	-100.5	09/16-09/24	T
20	8518	VIVIAN	13.8	-117.6	09/18-09/21	TS
21	8519	WALDO	15.0	-106.3	10/07-10/10	T
22	8520	NELE	10.0	-159.5	10/23-10/30	T
23	8521	XINA	12.0	-112.0	10/25-11/05	T

3. North Atlantic Ocean — 11TC

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	8501	ANA	29.0	-66.3	07/15-07/19	STS	
2	8502	BOB	25.0	-84.0	07/21-07/26	T	
3	8503	CLAUDETTE	34.0	-73.0	08/09-08/17	T	
4	8504	DANNY	21.5	-84.0	08/12-08/20	T	
5	8505	ELENA	16.5	-75.5	08/28-09/04	T	
6	8506	FABIAN	26.0	-66.0	09/15-09/19	STS	
7	8507	GLORIA	15.0	-29.0	09/16-10/02	T	
8	8508	HENRY	34.0	-72.5	09/21-09/25	STS	
9	8509	ISABEL	21.0	-68.0	10/07-10/15	STS	
10	8510	JUAN	24.7	-90.5	10/26-11/01	T	
11	8511	KATE	22.0	-63.5	11/15-11/24	T	

4. North Indian Ocean — 6TC

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	8501	NO NAME	15.6	88.0	05/22-05/25	STS	
2	8502	NO NAME	16.0	59.0	06/26-07/01	STS	
3	8503	NO NAME	13.0	88.0	10/09-10/11	TS	
4	8504	NO NAME	14.5	92.0	10/13-10/17	TS	
5	8505	NO NAME	11.5	81.0	11/13-11/17	TS	
6	8506	NO NAME	8.5	87.0	12/12-12/14	STS	

5. South Indian Ocean — 17TC, 2TD

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	8501	CELESTINA	-12.0	62.0	01/11-01/22	STS	
2	8502	DITRA	-16.5	67.1	01/27-02/01	STS	
3	8503	GERTE	-17.0	119.0	01/30-02/01	TS	
4	8504	ESITERA	-10.0	72.0	02/04-02/12	STS	
5	8505	FELIKSA	-14.0	44.0	02/13-02/18	T	
6	8506	GERIMENA	-17.0	58.5	02/13-02/26	STS	
7	8507	HYBERT	-16.5	114.5	02/14-02/17	TS	
8	8508	ISOBEL	-13.5	101.5	02/14-02/21	TS	
9	8509	NO NAME	-12.5	73.0	02/18-02/20	TS	
10	8510	JACOB	-14.0	117.0	02/19-02/25	STS	
11	8511	KRISTY	-10.0	94.0	03/06-03/15	STS	
12	8512	NO NAME	-11.0	118.0	03/08-03/10	TS	
13	8513	HELISAONINA	-12.0	71.0	04/11-04/16	T	
14	8514	MARGOT	-9.0	99.0	04/12-04/19	STS	
15	8515	NO NAME	-12.0	132.0	04/11-04/15	TS	
16	8516	NO NAME	-11.2	75.3	09/23-09/28	TS	
17	85-1	-	-11.5	73.5	11/17-11/19	TD	
18	8517	NICHOLAS	-11.0	112.0	12/02-12/08	STS	
19	85-2	-	-22.5	42.5	12/24-12/25	TD	

6. Southwest Pacific Ocean — 9TC

page ____

N	Number	Name	Lat	Long	Dates	Max	Stage
1	8501	DRENA	-16.0	-173.0	01/12-01/13	TS	
2	8502	ERIC	-16.0	166.0	01/15-01/19	TS	
3	8503	NO NAME	-16.0	160.0	01/17-01/20	TS	

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4	8504	ODETTE	-13.5	154.5	01/18-01/21	TS
5	8505	NO NAME	-14.0	154.0	02/03-02/06	TS
6	8506	NO NAME	-20.0	175.0	03/05-03/08	STS
7	8507	NO NAME	-13.0	164.0	03/14-03/18	STS
8	8508	NO NAME	-14.0	138.0	03/21-03/27	T
9	8509	TANYA	-14.0	147.0	03/30-04/01	STS

1986

In Ocean was recorded 77 tropical cyclones and 3 tropical disturbances. From this:

1. Northwest Pacific Ocean — 28TC

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	8601	JUDY	6.0	139.0	02/01–02/06	T	
2	8602	KEN	6.0	140.0	04/26–05/01	T	
3	8603	LOLA	7.5	157.0	05/16–05/23	T	
4	8604	MAC	18.5	114.0	05/23–05/29	TS	
5	8605	NANCY	10.5	133.0	06/21–06/25	T	
6	8606	OWEN	15.0	140.0	06/27–07/02	TS	
7	8607	PEGGY	13.0	157.0	07/02–07/12	T	
8	8608	ROGER	13.5	147.0	07/11–07/18	T	
9	8609	NO NAME	19.0	111.0	07/20–07/22	TS	
10	8610	SARAH	16.0	135.0	07/29–08/04	STS	
11	8611	TIP	17.0	163.0	08/10–08/22	T	
12	8612	VERA	17.5	133.0	08/13–08/28	T	
13	8613	WAYNE	18.0	118.0	08/16–09/06	T	
14	8614	NO NAME	23.0	157.0	08/28–09/03	TS	
15	8615	ABBY	10.0	150.0	09/12–09/20	T	
16	8616	BEN	11.0	161.0	09/19–09/30	T	
17	8617	CARMEN	5.0	170.0	09/29–10/08	T	
18	8618	DOM	16.0	124.0	10/04–10/12	TS	
19	8619	ELLEN	8.5	158.0	10/06–10/19	T	
20	8620	FORREST	10.0	168.0	10/12–10/20	T	
21	8621	GEORGIA	10.0	131.0	10/16–10/22	TS	
22	8622	HERBERT	12.5	124.0	11/06–11/12	STS	
23	8623	IDA	5.0	138.0	11/10–11/18	STS	
24	8624	JOE	12.0	131.5	11/17–11/25	T	
25	8625	KIM	6.5	167.0	11/27–12/11	T	
26	8626	LEX	7.5	165.0	12/03–12/08	STS	
27	8627	MARGE	4.5	168.5	12/12–12/25	T	
28	8628	NORRIS	12.5	168.5	12/21–01/02	T	

2. Northeast Pacific Ocean — 17TC, 1TD

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	8601	AGATHA	13.0	–107.5	05/22–06/01	T	
2	8602	BLAS	8.7	–112.5	06/17–06/19	TS	
3	8603	CELIA	10.9	–97.8	06/24–06/30	T	
4	8604	DARBY	13.3	–104.6	07/03–07/06	TS	
5	8605	ESTELLE	10.0	–115.0	07/16–07/25	T	
6	8606	FRANK	10.6	–94.7	07/24–08/01	T	
7	8607	GEORGETTE	9.0	–132.0	08/02–08/14	STS	
8	8608	HOWARD	16.0	–104.0	08/16–08/18	TS	
9	8609	JAVIER	9.5	–97.4	08/20–08/31	T	
10	8610	ISIS	14.0	–116.0	08/20–08/24	TS	
11	8611	KAY	18.0	–113.2	08/28–09/03	TS	
12	86-1	–	21.8	–111.3	09/08–09/09	TD	
13	8612	LESTER	14.0	–129.9	09/13–09/17	TS	
14	8613	MADLINE	13.0	–104.0	09/15–09/22	STS	
15	8614	NEWTON	13.0	–94.0	09/18–09/24	T	
16	8615	ORLENE	10.5	–130.4	09/19–09/25	T	
17	8616	PAINE	11.5	–93.0	09/28–10/03	T	

18 8617 ROSLYN 10.3 -93.0 10/15-10/23 T

3. North Atlantic Ocean — 6TC, 1TD page ____

N	Number	Name	Lat	Long	Dates	Max	Stage
1	8601	ANDREW	29.5	-77.5	06/05-06/08	TS	
2	8602	BONNY	25.5	-88.0	06/23-06/28	T	
3	8603	CHARLEY	32.0	-78.0	08/13-08/30	T	
4	86-1	-	13.6	-40.2	08/31-09/02	TD	
5	8604	DANIELLE	11.3	-54.5	09/07-09/10	STS	
6	8605	EARL	21.9	-50.9	09/10-09/20	T	
7	8606	FRANCES	23.5	-63.0	11/18-11/22	T	

4. North Indian Ocean — 2TC page ____

N	Number	Name	Lat	Long	Dates	Max	Stage
1	8601	NO NAME	16.0	83.0	11/07-11/09	TS	
2	8602	NO NAME	13.0	67.0	11/09-11/11	TS	

5. South Indian Ocean — 15TC page ____

N	Number	Name	Lat	Long	Dates	Max	Stage
1	8601	DELIFININA	-9.0	78.0	01/07-01/17	T	
2	8602	COSTA	-11.0	55.0	01/07-01/16	T	
3	8603	BEROBIA	-15.0	43.2	01/05-01/09	STS	
4	8604	PANCHO	-15.0	113.0	01/19-01/21	STS	
5	8605	ERINESTA	-13.9	69.5	01/29-02/10	T	
6	8606	FILOMENA	-11.0	82.0	02/05-02/12	TS	
7	8607	GISTA	-17.9	42.5	02/18-02/24	T	
8	8608	RHONDA	-17.0	114.0	02/18-02/21	STS	
9	8609	NO NAME	-16.0	112.0	02/23-02/25	TS	
10	8610	NO NAME	-17.0	117.0	03/05-03/09	TS	
11	8611	HONORININA	-12.0	75.0	03/08-03/20	T	
12	8612	NO NAME	-14.5	77.0	03/13-03/16	TS	
13	8613	JEFOTRA	-13.5	83.5	03/26-04/03	T	
14	8614	KRISOSTOMA	-12.0	98.0	04/08-04/12	T	
15	8615	LILA	-7.0	92.5	05/05-05/12	T	

6. Southwest Pacific Ocean — 9TC, 1TD page ____

N	Number	Name	Lat	Long	Dates	Max	Stage
1	8601	NO NAME	-14.0	147.0	01/30-02/02	TS	
2	8602	KELI	-20.0	171.0	02/09-02/12	TS	
3	8603	NO NAME	-20.0	-152.0	02/09-02/13	STS	
4	86-1	-	-22.0	177.0	03/08-03/09	TD	
5	8604	NO NAME	-12.0	172.0	04/10-04/13	TS	
6	8605	NO NAME	-11.0	153.0	04/23-04/25	TS	
7	8606	NO NAME	-8.0	165.0	05/17-05/20	STS	
8	8607	PETSI	-15.0	165.0	12/15-12/18	STS	
9	8608	RAJA	-12.0	176.0	12/24-01/01	T	
10	8609	NO NAME	-15.0	-161.0	12/29-01/03	STS	

1987

In Ocean was recorded 79 tropical cyclones and 7 tropical disturbances. From this:

1. Northwest Pacific Ocean — 23TC

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

We have no information about N 8718.

2. Northeast Pacific Ocean — 20TC

page _____

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

3. North Atlantic Ocean — 7TC, 4TD page ____

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

We have no information about N 8701.

4. North Indian Ocean — 6TC page ____

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

5. South Indian Ocean — 15TC, 3TD page ____

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

6. Southwest Pacific Ocean — 8TC page ____

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

1988

In Ocean was recorded 75 tropical cyclones and 39 tropical disturbances. From this:

1. Northwest Pacific Ocean - 31TC, 16TD, 20TL

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	8801	ROY	7.8	170.8	01/06-01/18	T	
2	8802	SUSAN	18.5	119.0	05/30-06/03	T	
3	8803	NO NAME	17.5	125.0	06/04-06/06	TS	
4	8804	THAD	5.0	137.0	06/19-06/25	T	
5	8805	VANESSA	9.0	128.0	06/26-06/29	STS	
6	88-1	-	15.0	118.0	07/02-07/03	L	
7	88-2	-	9.5	120.0	07/04-07/05	L	
8	88-3	-	31.5	138.5	07/04-07/10	TD	
9	88-4	-	11.5	139.5	07/08-07/09	L	
10	88-5	-	19.0	133.0	07/08-07/09	L	
11	88-6	-	7.0	161.5	07/08-07/09	L	
12	8806	WARREN	7.5	149.0	07/10-07/20	T	
13	88-7	-	19.5	149.5	07/18-07/19	L	
14	88-8	-	29.8	142.0	07/19-07/21	L	
15	88-9	-	10.0	122.0	07/22-07/23	L	
16	8807	AGNES	20.5	140.5	07/28-08/01	STS	
17	8808	NO NAME	20.0	131.5	07/30-08/03	TS	
18	88-10	-	27.5	130.0	08/01-08/03	TD	
19	88-11	-	19.0	118.0	08/01-08/03	TD	
20	88-12	-	31.5	132.0	08/03-08/04	L	
21	8809	BILL	23.0	132.0	08/04-08/09	TS	
22	88-13	-	31.0	128.5	08/05-08/06	L	
23	8810	CLARA	27.0	175.0	08/06-08/15	TS	
24	88-14	-	21.5	139.5	08/06-08/19	TD	
25	88-15	-	19.0	130.0	08/08-08/09	TD	
26	8812	DOYLE	23.0	-177.0	08/12-08/23	T	
27	8813	NO NAME	20.5	108.0	08/09-08/18	TS	
28	88-16	-	29.0	138.0	08/12-08/14	TD	
29	88-17	-	30.0	138.0	08/12-08/14	TD	
30	88-18	-	31.5	135.0	08/13-08/14	TD	
31	8811	NO NAME	28.0	131.5	08/14-08/16	TS	
32	88-19	-	31.5	174.0	08/15-08/16	TD	
33	88-20	-	31.5	141.0	08/18-08/19	TD	
34	8814	ELSIE	22.0	151.0	08/25-08/31	TS	
35	8815	FABIAN	31.0	146.5	08/23-09/03	STS	
36	8816	GAY	26.5	131.0	09/01-09/04	TS	
37	88-21	-	24.0	159.5	09/02-09/06	TD	
38	88-22	-	10.0	135.0	09/04-09/05	L	
39	8818	HAL	17.5	164.0	09/05-09/16	T	
40	8820	JEFF	16.0	144.5	09/08-09/16	TS	
41	88-23	-	29.0	130.0	09/09-09/10	TD	
42	8819	IRMA	20.5	159.0	09/11-09/16	STS	
43	88-24	-	12.5	115.0	09/15-09/16	L	
44	8821	KIT	7.0	140.0	09/16-09/22	STS	
45	88-25	-	25.0	173.0	09/17-09/18	L	
46	8822	LEE	18.0	144.0	09/19-09/25	STS	
47	8823	MAMIE	17.5	115.0	09/19-09/24	TS	
48	88-26	-	16.0	159.0	09/20-09/21	L	

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

Information about N8817 in Northeast Pacific Ocean N8809.

2. Northeast Pacific Ocean - 12TC

page ____

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

We have no information about N 8801, 8802 and 8803.

3. North Atlantic Ocean - 12TC, 3TD

page ____

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

We have no information about N 8806.

4. North Indian Ocean - 3TC

page ____

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

5. South Indian Ocean - 11TC**page** ____

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

6. Southwest Pacific Ocean - 6TC**page** ____

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

1989

In Ocean was recorded 94 tropical cyclones and 29 tropical disturbances. From this:

1. Northwest Pacific Ocean — 32TC, 5TD, 23TL							page ____
N	Number	Name	Lat	Long	Dates	Max	stage
1	8901	WINONA	17.0	158.0	01/17–01/20	TS	
2	8902	ANDY	6.0	150.0	04/17–04/25	T	
3	8903	BRENDA	7.0	135.0	05/14–05/21	T	
4	89-1	–	29.5	–173.0	05/15–05/16	L	
5	89-2	–	27.0	–171.0	05/17–05/21	L	
6	89-3	–	7.0	157.5	05/19–05/19	L	
7	89-4	–	13.0	110.0	05/22–05/26	L	
8	89-5	–	3.0	139.0	05/28–05/30	TD	
9	89-6	–	25.5	139.5	05/30–05/30	L	
10	89-7	–	6.0	123.0	06/01–06/04	TD	
11	89-8	–	3.0	141.0	06/02–06/03	L	
12	8905	DOT	8.0	137.5	06/04–06/12	T	
13	89-9	–	7.5	151.5	06/06–06/07	L	
14	89-10	–	10.0	144.5	06/13–06/14	L	
15	89-11	–	11.5	141.0	06/15–06/16	L	
16	8906	ELSIE	12.0	141.5	06/16–06/24	TS	
17	89-12	–	19.0	116.0	06/24–06/26	TD	
18	89-13	–	26.0	165.0	06/28–06/30	L	
19	89-14	–	10.0	122.0	07/02–07/04	L	
20	8907	FAYE	10.0	135.0	07/05–07/11	STS	
21	8908	GORDON	19.0	149.5	07/11–07/19	T	
22	89-15	–	13.0	153.0	07/13–07/14	L	
23	8909	HOPE	20.0	137.0	07/15–07/21	STS	
24	89-16	–	10.0	153.0	07/17–07/17	L	
25	8910	IRVING	11.0	132.0	07/18–07/24	STS	
26	8911	JUDY	12.0	145.0	07/20–07/29	T	
27	89-17	–	5.0	168.0	07/21–07/22	L	
28	89-18	–	27.5	145.0	07/22–07/23	L	
29	89-19	–	11.0	155.0	07/25–07/28	L	
30	89-20	–	31.5	120.0	07/25–07/26	L	
31	89-21	–	29.5	121.0	07/26–07/31	TD	
32	89-22	–	23.5	125.5	07/27–07/28	L	
33	89-23	–	22.5	111.0	07/27–07/28	L	
34	89-24	–	20.5	140.5	07/28–07/29	L	
35	8912	LOLA	21.5	131.5	07/29–08/06	STS	
36	89-25	–	8.5	161.5	07/29–07/30	L	
37	8913	MAC	20.0	152.0	07/30–08/07	T	
38	89-26	–	25.0	140.0	07/31–08/02	TD	
39	89-27	–	8.0	157.0	08/04–08/05	L	
40	89-28	–	6.0	165.0	08/06–08/07	L	
41	8914	NANCY	20.0	153.0	08/11–08/17	T	
42	8915	OWEN	15.0	141.0	08/10–08/19	T	
43	8916	REDDY	19.0	149.0	08/15–08/19	TS	
44	8917	ROGER	23.0	123.0	08/23–08/28	STS	
45	8918	NO NAME	25.5	148.0	08/24–08/27	TS	
46	8919	SARAN	21.0	147.0	09/05–09/14	T	
47	8920	TIP	18.6	151.5	09/08–09/14	STS	
48	8921	VERA	17.5	147.5	09/11–09/16	STS	

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

We have no information about N 8904.

2. Northeast Pacific Ocean — 18TC

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

3. North Atlantic Ocean — 11TC, 1TD

page ____

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

4. North Indian Ocean — 3TC

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

5. South Indian Ocean — 15TC

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

6. Southwest Pacific Ocean — 15TC

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

1990

In Ocean was recorded 93 tropical cyclones. From this:

1. Northwest Pacific Ocean — 29TC

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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	

We have no information about N 9013.

2. Northeast Pacific Ocean — 21TC

page ____

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 — 14TC

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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 — 4TC

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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 — 16TC

page ____

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 — 9TC

page ____

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

1991

In Ocean was recorded 78 tropical cyclones and 6 tropical disturbances. From this:

1. Northwest Pacific Ocean — 29TC

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9101	SHARON	5.0	151.0	03/05-03/15	STS	
2	9102	TIM	4.0	158.0	03/19-03/27	T	
3	9103	VANESS	8.2	128.2	04/23-04/29	STS	
4	9104	WALT	7.5	151.3	05/06-05/17	T	
5	9105	JUNYA	13.0	126.0	06/12-06/16	T	
6	9106	ZEKE	12.5	121.5	07/10-07/14	T	
7	9107	AMY	13.0	139.0	07/14-07/20	T	
8	9108	BRENDAN	12.0	132.0	07/19-07/25	STS	
9	9109	CAITLIN	12.0	136.5	07/23-07/31	T	
10	9110	ELLIE	22.5	160.5	08/09-08/19	T	
11	9111	FRED	16.8	123.8	08/11-08/18	T	
12	9112	GLADYS	21.5	152.0	08/15-08/25	T	
13	9113	NO NAME	28.0	138.0	08/26-08/30	TS	
14	9114	HARRY	25.1	133.8	08/29-08/31	TS	
15	9115	IVY	7.5	155.5	09/02-09/10	T	
16	9116	JOEL	20.0	116.5	09/04-09/07	TS	
17	9117	KINNA	14.0	141.0	09/10-09/14	T	
18	9118	LUKE	15.0	141.0	09/14-09/20	STS	
19	9119	MIREILLE	14.0	162.0	09/15-09/28	T	
20	9120	NAT	20.3	120.3	09/16-10/02	T	
21	9121	ORCHID	18.5	138.0	10/03-10/13	T	
22	9122	PAT	14.2	159.5	10/05-10/13	T	
23	9123	RUTH	11.0	143.0	10/21-10/30	T	
24	9124	SETH	8.5	160.5	11/01-11/14	T	
25	9125	THELMA	9.2	136.2	11/01-11/07	TS	
26	9126	VERNE	13.0	155.8	11/06-11/12	STS	
27	9127	WILDA	10.0	131.0	11/14-11/20	STS	
28	9128	YURI	4.0	165.0	11/21-12/01	T	
29	9129	ZELDA	6.9	173.1	11/28-12/03	STS	

2. Northeast Pacific Ocean — 14TC

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9101	ANDRES	10.3	-122.3	05/16-05/20	STS	
2	9102	BLANCA	11.6	-107.5	06/16-06/22	STS	
3	9103	CARLOS	12.1	-96.6	06/16-06/27	T	
4	9104	DOLORES	14.0	-101.5	06/23-06/28	T	
5	9105	ENRIQUE	10.1	-114.2	07/15-07/20	STS	
6	9106	FEFA	12.5	-110.1	07/29-08/08	T	
7	9107	CUILIERMO	13.1	-99.9	08/04-08/10	T	
8	9108	HILDA	13.4	-102.5	08/08-08/14	STS	
9	9109	IGNACIO	15.0	-101.0	09/16-09/18	STS	
10	9110	SIMONA	10.2	-100.4	09/20-10/02	T	
11	9111	KEVIN	12.2	-98.2	09/25-10/11	T	
12	9112	LINDA	14.6	-108.3	10/03-10/11	T	
13	9113	MARTY	13.0	-97.5	10/08-10/17	T	
14	9114	NORA	10.8	-106.2	11/07-11/12	T	

3. North Atlantic Ocean - 8TC, 2TD

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9101	ANA	35.8	-71.8	06/29-07/05	TS	
2	9102	BOB	25.7	-75.4	08/16-08/29	T	
3	91-1	-	14.6	-23.8	08/24-08/26	TD	
4	91-2	-	10.4	-31.7	08/28-08/30	TD	
5	9103	CLAUDETTE	27.0	-56.0	09/04-09/14	T	
6	9104	DANNY	10.4	-26.5	09/07-09/11	TS	
7	9105	ERIKA	25.2	-50.0	09/08-09/12	STS	
8	9106	FABIAN	20.5	-83.0	10/15-10/17	TS	
9	9107	GRACE	30.0	-66.0	10/25-10/29	T	

We have no information about N 9108.

4. North Indian Ocean - 3TC, 4TD

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9101	NO NAME	9.5	88.8	04/24-04/30	T	
2	9102	NO NAME	14.0	89.5	05/31-06/03	TS	
3	91-1	-	22.0	87.5	08/22-08/26	TD	
4	91-2	-	15.5	83.5	09/21-09/22	TD	
5	91-3	-	18.0	86.5	10/12-10/14	TD	
6	91-4	-	10.5	82.0	10/28-10/29	TD	
7	9103	NO NAME	11.5	87.0	11/11-11/15	TS	

5. South Indian Ocean - 18TC

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9101	ALISON	-11.0	82.0	01/12-01/18	T	
2	9102	BELLA	-10.2	80.5	01/19-02/03	T	
3	9103	CYNTAIA	-15.0	51.0	02/12-02/19	T	
4	9104	NO NAME	-14.0	122.0	02/16-02/21	TS	
5	9105	NO NAME	-15.5	121.5	02/21-02/25	TS	
6	9106	DEBRA	-24.0	36.5	02/23-03/03	T	
7	9107	ELMA	-13.5	87.0	02/27-03/04	STS	
8	9108	FATIMA	-5.5	92.5	03/20-03/30	T	
9	9109	ERROL	-10.0	99.0	03/25-03/30	T	
10	9110	NO NAME	-17.0	51.5	03/30-04/02	TS	
11	9111	MARIAN	-10.4	126.3	04/10-04/18	T	
12	9112	FIFI	-12.0	101.0	04/16-04/21	STS	
13	9113	GRITELLE	-11.0	73.0	06/08-06/14	STS	
14	9114	NO NAME	-8.0	60.0	10/14-10/19	TS	
15	9115	NO NAME	-10.3	69.8	11/22-11/28	TS	
16	9116	NO NAME	-6.0	92.0	12/01-12/08	T	
17	9117	ALEXANDRA	-11.4	76.5	12/20-12/24	T	
18	9118	BRYNA	-12.0	62.0	12/30-01/09	STS	

6. Southwest Pacific Ocean - 6TC

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9101	KELVIN	-17.0	153.0	02/25-03/06	TS	
2	9102	NO NAME	-17.0	157.0	03/05-03/09	TS	
3	9103	LISA	-7.5	154.5	05/07-05/13	STS	
4	9104	TIA	-8.5	168.0	11/15-11/20	T	
5	9105	VAL	-8.0	-179.0	12/05-12/13	T	
6	9106	WASA	-9.5	-159.5	12/04-12/12	T	

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In Ocean was recorded 99 tropical cyclones and 34 tropical disturbances. From this:

1. Northwest Pacific Ocean — 31TC, 1TD, 26TL

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9201	AXEL	5.5	179.0	01/05-01/14	STS	
2	9202	BOBBIE	12.0	131.0	06/24-06/30	T	
3	9203	CHUCK	12.5	121.0	06/24-06/30	T	
4	9204	DEANNA	4.7	140.3	06/27-07/03	TS	
5	9205	ELI	11.5	148.5	07/08-07/14	T	
6	9207	GARY	13.0	130.0	07/17-07/23	T	
7	9208	HELEN	27.0	158.0	07/26-07/28	TS	
8	92-1	-	20.0	173.0	07/30-07/31	L	
9	9209	IRVING	20.0	131.0	07/31-08/05	STS	
10	9210	JANIS	11.5	145.0	08/03-08/09	T	
11	92-2	-	34.0	128.0	08/05-08/06	L	
12	9211	KENT	8.0	173.0	08/05-08/19	T	
13	92-3	-	16.0	127.0	08/13-08/19	TD	
14	9212	MARK	19.0	112.0	08/14-08/19	TS	
15	9213	NINA	26.0	158.0	08/17-08/22	TS	
16	92-4	-	6.0	155.0	08/17-08/17	L	
17	9214	LOIS	26.0	139.7	08/19-08/21	TS	
18	9215	OMAR	8.0	156.0	08/24-09/06	T	
19	9216	POLLY	18.0	140.0	08/25-08/31	STS	
20	9217	RYAN	18.0	148.3	09/01-09/12	T	
21	9218	SIBIL	20.7	166.0	09/05-09/15	T	
22	92-5	-	19.0	109.0	09/19-09/20	L	
23	9219	TED	16.0	127.6	09/19-09/25	STS	
24	9220	VAL	5.0	172.0	09/20-09/27	STS	
25	92-6	-	7.0	168.0	09/25-09/27	L	
26	92-7	-	13.0	178.0	09/26-09/27	L	
27	9221	WARD	17.5	-177.7	09/26-10/07	T	
28	92-8	-	10.0	134.0	09/28-09/29	L	
29	92-9	-	7.0	161.0	09/28-09/29	L	
30	92-10	-	8.0	123.0	10/01-10/04	L	
31	92-11	-	15.0	145.0	10/01-10/02	L	
32	92-12	-	9.0	157.0	10/01-10/01	L	
33	92-13	-	15.0	136.0	10/04-10/05	L	
34	9222	IVETTA	17.0	133.8	10/07-10/18	T	
35	9223	ZACK	12.0	167.0	10/08-10/15	TS	
36	92-14	-	12.0	165.0	10/09-10/16	L	
37	92-15	-	13.0	146.0	10/09-10/11	L	
38	9224	ANGELA	10.0	114.0	10/10-10/29	T	
39	92-16	-	11.0	168.0	10/15-10/17	L	
40	9225	BRIAN	11.0	160.3	10/16-10/25	T	
41	9226	COLLEEN	11.0	133.5	10/18-10/29	T	
42	92-17	-	5.0	169.0	10/18-10/19	L	
43	92-18	-	17.0	178.0	10/18-10/19	L	
44	92-19	-	8.0	162.0	10/21-10/24	L	
45	92-20	-	6.0	175.0	10/21-10/22	L	
46	9227	DAN	12.6	179.5	10/25-11/04	T	
47	9228	ELSIE	8.0	150.0	10/29-11/08	T	
48	92-21	-	7.0	130.0	10/29-10/31	L	

49	92-22	-	4.0	167.0	10/29-10/30	L
50	92-23	-	17.0	178.0	10/30-11/01	L
51	92-24	-	7.0	118.0	11/01-11/07	L
52	92-25	-	19.0	162.0	11/02-11/03	L
53	92-26	-	6.0	172.0	11/04-11/05	L
54	92-27	-	3.0	155.0	11/06-11/07	L
55	9229	FORREST	9.5	111.0	11/12-11/21	T
56	9230	GAY	6.5	178.5	11/14-11/30	T
57	9231	HUNT	12.0	152.0	11/16-11/22	T

We have no information about N 9206.

2. Northeast Pacific Ocean — 27TC, 1TD

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9201	EKEKA	4.5	-157.5	01/28-02/05	T	
2	9202	HALI	5.2	-173.3	03/28-03/30	TS	
3	9203	AGATHA	11.3	-102.3	06/01-06/05	STS	
4	92-1	-	13.4	114.3	06/16-06/18	TD	
5	9204	BLAS	16.6	-111.4	06/22-06/23	TS	
6	9205	CELIA	11.6	-92.3	06/22-07/04	T	
7	9206	DARBY	12.3	-95.9	07/02-07/08	T	
8	9207	ESTELLE	12.0	-108.9	07/09-07/17	T	
9	9208	FRANK	13.7	-105.8	07/13-07/23	T	
10	9209	GEORGETTA	10.9	-94.5	07/14-07/25	T	
11	9210	HOWARD	13.9	-117.2	07/26-07/30	STS	
12	9211	ISIS	14.6	-106.6	07/28-08/02	STS	
13	9212	JAVIER	12.6	-104.3	07/30-08/10	T	
14	9213	KAY	19.0	-113.7	08/18-08/22	TS	
15	9214	LESTER	15.9	-106.4	08/20-08/24	T	
16	9215	MADELINE	13.2	-124.5	08/27-08/31	TS	
17	9216	NEWTON	11.3	-110.1	08/28-09/01	TS	
18	9217	ORLENE	10.0	-103.4	09/02-09/13	T	
19	9218	JUIKI	11.7	-135.3	09/05-09/13	T	
20	9219	PAINE	18.7	-113.7	09/11-09/16	T	
21	9220	ROSLYN	17.3	-112.0	09/14-09/30	T	
22	9221	SEYMOUR	18.3	-108.4	09/17-09/27	T	
23	9222	TINA	10.4	-100.2	09/18-10/08	T	
24	9223	VIRGIL	14.0	-101.0	10/01-10/05	T	
25	9224	WINIFRED	12.5	-100.7	10/07-10/10	T	
26	9225	XAVIER	10.2	-106.5	10/13-10/15	TS	
27	9226	IOLANDA	11.1	-109.9	10/16-10/21	STS	
28	9227	ZEKE	13.1	-112.8	10/25-10/30	TS	

3. North Atlantic Ocean — 7TC, 3TD

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9201	NO NAME	25.0	-61.5	04/22-04/24	TS	
2	92-1	-	26.0	-86.0	06/25-06/26	TD	
3	92-2	-	28.5	-62.7	07/24-07/26	TD	
4	9202	ANDREW	11.6	-40.4	08/16-08/28	T	
5	9203	BONNIE	33.8	-59.0	09/17-10/02	T	
6	9204	CHARLEY	30.7	-33.8	09/21-09/29	T	
7	9205	DANIELLE	34.0	-73.0	09/22-09/26	STS	
8	92-3	-	11.1	-36.7	09/25-10/01	TD	
9	9206	EARL	26.3	-69.5	09/26-10/03	STS	
10	9207	FRANCES	28.7	-62.0	10/22-10/30	T	

4. North Indian Ocean - 9TC, 3TD

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9201	NO NAME	9.5	90.0	05/15-05/19	STS	
2	9202	NO NAME	10.1	63.9	06/06-06/12	TS	
3	92-1	-	20.0	88.0	07/26-07/30	TD	
4	9203	NO NAME	16.0	86.0	09/07-09/08	TS	
5	9204	NO NAME	17.0	66.0	10/01-10/04	TS	
6	92-2	-	14.0	85.0	10/07-10/09	TD	
7	9205	NO NAME	16.7	91.0	11/02-11/08	T	
8	9206	NO NAME	7.5	84.0	11/11-11/17	STS	
9	9207	NO NAME	9.5	99.5	11/15-11/23	STS	
10	9208	NO NAME	2.7	76.2	11/30-12/04	TS	
11	92-3	-	6.5	68.0	12/12-12/15	TD	
12	9209	NO NAME	5.5	66.5	12/21-12/24	TS	

5. South Indian Ocean — 13TC

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9201	CELESTA	-16.5	63.0	02/09-02/13	TS	
2	9202	DENLILE	-24.0	74.0	02/23-02/24	STS	
3	9203	ELIZABATE	-14.0	44.0	02/23-02/25	TS	
4	9204	FARIDA	-12.0	83.5	02/24-03/03	T	
5	9205	XARRIET	-11.0	97.0	02/26-03/07	T	
6	9206	IAN	-11.5	114.0	02/27-03/03	T	
7	9207	GERDA	-18.0	61.5	02/29-03/03	STS	
8	9208	NEVILLO	-10.5	133.0	04/07-04/13	T	
9	9209	JANE-IRNA	-8.0	99.0	04/08-04/18	T	
10	9211	NO NAME	-8.0	89.5	09/27-09/28	TS	
11	9212	NO NAME	-7.5	49.5	12/07-12/09	TS	
12	9213	KEN	-17.5	97.5	12/20-12/23	TS	

We have no information about N 9210.

6. Southwest Pacific Ocean — 12TC

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9201	BETSY	-8.5	170.0	01/06-01/15	T	
2	9202	MARK	-14.0	137.0	01/08-01/11	STS	
3	9203	CLIFF	-12.0	-146.0	02/05-02/09	STS	
4	9204	DAMAN	-12.5	169.0	02/15-02/18	T	
5	9205	ESAY	-14.5	169.0	02/25-03/05	T	
6	9206	FRAN	-13.0	178.5	03/06-03/16	T	
7	9207	GENE	-11.0	172.5	03/14-03/19	STS	
8	9208	HETTIE	-14.5	149.0	03/25-03/28	TS	
9	9209	JANNIS	-11.0	171.8	04/28-05/01	STS	
10	9210	JONI	-10.0	180.0	12/06-12/13	T	
11	9211	NINA	-13.0	140.0	12/23-01/05	T	
12	9212	KINA	-9.0	169.0	12/26-01/05	T	

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In Ocean was recorded 75 tropical cyclones and 4 tropical disturbances. From this:

1. Northwest Pacific Ocean — 28TC, 1TD

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9301	IRMA	5.2	161.7	03/11–03/17	STS	
2	93-1	–	7.0	140.0	04/09–04/13	TD	
3	9302	KORYN	7.9	143.8	06/21–06/28	T	
4	9303	LEWIS	10.7	127.0	07/07–07/12	STS	
5	9304	MARIAN	8.0	140.0	07/13–07/16	TS	
6	9305	NATHAN	14.0	150.0	07/19–07/25	STS	
7	9306	OFELIA	21.0	136.5	07/25–07/28	TS	
8	9307	PERCY	22.0	131.1	07/27–07/30	STS	
9	9308	ROBYN	8.9	150.9	08/02–08/11	T	
10	9309	STEVE	13.8	150.0	08/06–08/12	STS	
11	9310	TASHA	9.0	131.0	08/16–08/22	T	
12	9311	VERNON	18.6	153.6	08/21–08/28	T	
13	9312	WINONA	11.4	124.1	08/22–08/29	STS	
14	9313	YANCY	19.6	135.5	08/29–09/04	T	
15	9314	ZOLA	21.4	127.7	09/06–09/09	STS	
16	9315	ABE	19.5	124.0	09/09–09/15	T	
17	9316	BECKY	16.2	126.4	09/14–09/18	STS	
18	9317	CECIL	14.0	149.0	09/22–09/28	T	
19	9318	DOT	13.0	113.0	09/22–09/27	T	
20	9319	ED	13.0	145.7	09/30–10/09	T	
21	9320	FLO	16.0	130.0	10/01–10/08	T	
22	9321	GENE	14.1	136.2	10/08–10/10	TS	
23	9322	HATTIE	14.5	165.0	10/19–10/25	STS	
24	9323	IRA	14.0	145.0	10/27–11/05	T	
25	9324	JEANA	11.0	154.0	11/05–11/12	TS	
26	9325	KYLE	9.0	134.0	11/18–11/24	T	
27	9326	LOLA	6.0	147.0	12/01–12/09	T	
28	9327	MANNY	7.0	156.0	12/03–12/12	T	
29	9328	NELL	7.8	143.6	12/22–12/28	T	

2. Northeast Pacific Ocean — 14TC

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9301	ADRIAN	10.0	–114.9	06/11–06/19	T	
2	9302	BEATRIS	13.0	–96.0	06/18–06/20	STS	
3	9303	CALVIN	12.9	–98.7	07/04–07/07	T	
4	9304	DORA	10.8	–112.0	07/14–07/21	T	
5	9305	EUGENE	11.4	–113.4	07/15–07/24	T	
6	9306	FERNANDA	13.3	–107.6	08/09–08/19	T	
7	9307	KEONI	12.4	–144.2	08/09–08/28	T	
8	9308	GREG	14.9	–102.9	08/15–08/28	T	
9	9309	HILARY	13.1	–95.5	08/17–08/27	T	
10	9310	IOVA	13.6	–96.5	08/29–09/04	T	
11	9311	KENNETH	12.3	–108.1	09/06–09/17	T	
12	9312	LIDIA	10.8	–95.5	09/08–09/13	T	
13	9313	MAX	11.6	–116.6	10/01–10/04	TS	
14	9314	NORMA	13.5	–111.8	10/02–10/05	TS	

3. North Atlantic Ocean — 8TC

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9301	ARLENE	21.0	-92.0	06/18-06/21	TS	
2	9302	BRET	10.3	-40.9	08/04-08/11	STS	
3	9303	CINDY	14.5	-60.6	08/14-08/17	TS	
4	9304	DENNIS	13.3	-30.5	08/23-08/28	TS	
5	9305	EMILY	20.0	-53.3	08/22-09/05	T	
6	9306	FLOYD	27.0	-68.8	09/07-09/13	T	
7	9307	GERT	10.7	-80.6	09/14-09/21	T	
8	9308	HARVEY	27.2	-62.1	09/18-09/21	T	

4. North Indian Ocean — 2TC, 3TD

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	93-1	-	22.5	87.0	06/17-06/19	TD	
2	93-2	-	7.0	78.0	11/08-11/10	TD	
3	9301	NO NAME	13.5	67.5	11/12-11/15	STS	
4	9302	NO NAME	7.5	88.5	12/01-12/04	STS	
5	93-3	-	7.5	81.5	12/19-12/20	TD	

5. South Indian Ocean — 13TC

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9301	COLINA	-10.6	68.7	01/13-01/21	T	
2	9302	DESSILY	-15.0	40.0	01/18-01/23	TS	
3	9303	EDVINA	-10.0	85.0	01/20-01/29	T	
4	9304	LENA	-14.0	119.0	01/24-02/02	STS	
5	9305	JONIY	-16.0	41.1	03/02-03/06	TS	
6	9306	JOURDANNE	-14.4	84.3	04/03-04/10	T	
7	9307	MONTY	-14.6	105.4	04/10-04/12	TS	
8	9308	RONITA	-7.5	71.5	05/03-05/06	T	
9	9309	ALEXINA	-8.6	80.3	11/09-11/14	TS	
10	9310	BETTINA	-12.2	82.1	11/26-11/30	T	
11	9311	SESLIJ	-13.0	82.0	12/12-12/21	T	
12	9312	NAOMI	-12.0	121.0	12/15-12/18	T	
13	9313	OSCAR	-12.0	130.0	12/28-01/05	TS	

6. Southwest Pacific Ocean — 10TC

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9301	LIN	-12.0	-174.0	01/31-02/04	5	T
2	9302	MIK	-16.0	-173.0	02/05-02/09	5	STS
3	9303	OLIVER	-14.0	149.0	02/04-02/13	10	T
4	9304	NO NAME	-19.5	-140.0	02/06-02/09	4	TS
5	9305	NUSHA	-13.0	-165.0	02/12-02/15	4	STS
6	9306	OLI	-15.0	176.0	02/16-02/18	3	TS
7	9307	POLLY	-15.0	157.0	02/25-03/03	7	T
8	9308	RODJER	-12.0	157.0	03/12-03/21	10	STS
9	9309	PREMA	-11.0	173.0	03/26-04/01	7	T
10	9310	REWA	-10.0	161.0	12/29-01/07	10	T

1994

In Ocean was recorded 86 tropical cyclones and 10 tropical disturbances. From this:

1. Northwest Pacific Ocean — 35TC, 3TD

page _____

N	Number	Name	Lat	Long	Dates	Max	Stage
1	9401	OWEN	9.0	136.0	03/31–04/09	T	
2	9402	PAGE	11.9	139.2	05/12–05/18	T	
3	9403	RUSS	20.0	116.0	06/04–06/09	STS	
4	9404	SHARON	16.0	122.0	06/23–06/25	TS	
5	9405	TIM	13.5	131.5	07/07–07/11	T	
6	9406	VANESSE	16.0	115.5	07/09–07/11	TS	
7	9407	WALT	11.0	129.0	07/14–07/26	T	
8	9408	ZEKE	21.0	136.0	07/17–07/25	STS	
9	9409	JUNIA	16.0	116.0	07/17–07/21	TS	
10	94-1	13W	16.6	147.0	07/25–07/26	TD	
11	9410	CAITLIN	17.0	143.4	07/28–08/04	STS	
12	9411	BRENDAN	14.2	130.7	07/26–08/02	TS	
13	9412	AMY	19.1	108.4	07/29–07/31	TS	
14	9413	DOUG	14.7	144.7	08/01–08/13	T	
15	9414	LI	11.6	-143.7	08/03–08/18	T	
16	9415	ELLIE	24.4	144.4	08/07–08/16	T	
17	94-2	–	18.0	144.9	08/14–08/15	TD	
18	9416	FRED	18.0	148.0	08/14–08/22	T	
19	9417	GLADYS	23.8	157.3	08/22–09/02	T	
20	9418	HARRY	15.0	125.0	08/24–08/29	STS	
21	9419	IVY	20.0	165.0	08/27–09/04	T	
22	9420	JOEL	16.6	117.0	09/04–09/08	TS	
23	9421	KINNA	20.8	141.8	09/05–09/12	T	
24	9422	LUKE	14.2	128.0	09/07–09/14	STS	
25	9423	MELISSA	9.0	162.0	09/11–09/20	T	
26	9424	NAT	14.1	144.0	09/15–09/22	TS	
27	9425	ORCHID	13.4	136.9	09/17–09/30	T	
28	9426	PAT	15.7	166.7	09/21–09/28	T	
29	9427	RUTH	19.0	154.0	09/23–09/26	TS	
30	94-3	31W	27.7	160.5	09/29–10/03	TD	
31	9428	SETH	9.3	156.7	10/02–10/13	T	
32	9429	VERNE	10.2	166.0	10/15–11/01	T	
33	9430	TERESA	15.0	150.0	10/15–10/26	T	
34	9431	WILDA	14.0	165.0	10/19–11/01	T	
35	9432	YURI	23.4	171.4	10/23–10/25	TS	
36	9433	ZELDA	17.8	166.5	10/28–11/08	T	
37	9434	AXEL	6.0	154.0	12/13–12/25	T	
38	9435	BOBBIE	5.1	170.5	12/17–12/25	STS	

2. Northeast Pacific Ocean — 19TC, 3TD

page _____

N	Number	Name	Lat	Long	Dates	Max	Stage
1	9401	ALETTA	12.6	-120.5	06/18–06/21	TS	
2	9402	BUD	15.9	-112.9	06/27–06/29	TS	
3	9403	CARLOTTA	11.6	-105.5	06/28–07/04	T	
4	9404	DANIEL	11.7	-123.0	07/08–07/14	STS	
5	9405	EMILIA	8.2	-132.0	07/16–07/25	T	
6	9406	FABIO	13.3	-125.5	07/19–07/24	TS	
7	9407	GILMA	11.5	-124.9	07/21–07/31	T	

8	94-1	–	13.2	–125.8	07/31–08/05	TD
9	9408	HECTOR	19.0	–108.1	08/07–08/10	STS
10	94-2	–	15.6	–146.1	08/09–08/14	TD
11	9409	JOHN	11.5	–97.2	08/11–09/10	T
12	9410	ILEANA	17.4	–108.2	08/11–08/14	T
13	94-3	–	23.4	–117.6	08/14–08/15	TD
14	9411	KRISTY	14.6	–125.7	08/29–09/05	T
15	9412	LANE	17.7	–108.7	09/03–09/10	T
16	9413	MELE	11.1	–164.6	09/06–09/09	TS
17	9414	MIRIAM	13.8	–116.4	09/15–09/21	TS
18	9415	NORMAN	16.8	–113.4	09/19–09/22	TS
19	9416	OLIVIA	12.8	–109.8	09/22–09/29	T
20	9417	PAUL	15.0	–129.4	09/25–09/30	TS
21	9418	ROSA	17.5	–113.0	10/08–10/15	T
22	9419	NONA	12.8	–157.3	10/22–10/26	TS

3. North Atlantic Ocean — 7TC, 4TD

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9401	ALBERTO	23.0	–85.0	06/30–07/07	STS	
2	9402	BERYL	29.5	–87.5	08/14–08/19	STS	
3	9403	CHRIS	11.5	–39.8	08/16–08/23	T	
4	94-1	–	20.7	–93.5	08/29–08/31	TD	
5	9404	DEBBY	13.5	–60.0	09/09–09/12	STS	
6	9405	ERNESTO	11.0	–30.0	09/21–09/26	STS	
7	94-2	–	16.6	–85.4	09/24–09/26	TD	
8	94-3	–	14.7	–21.5	09/27–09/29	TD	
9	94-4	–	21.7	–85.1	09/29–09/30	TD	
10	9406	FLORENCE	25.0	–51.0	11/02–11/08	T	
11	9407	GORDON	12.3	–82.6	11/08–11/21	T	

4. North Indian Ocean – 3TC

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9401	NO NAME	9.0	90.0	04/29–05/03	5	T
2	9402	NO NAME	16.0	69.0	06/06–06/09	4	STS
3	9403	5A	8.5	67.0	11/14–11/20	7	T

5. South Indian Ocean – 16TC

page ____

N	Number	Name	Lat	Long	Dates	Max	Stage
1	9401	OSCAR	–13.0	123.0	01/01–01/05	TS	
2	9402	DAISY	–16.0	57.7	01/08–01/16	T	
3	9403	PEARL	–16.8	118.1	01/12–01/21	T	
4	9404	EDMEA	–12.4	71.9	01/13–01/20	STS	
5	9405	QUENTON	–12.4	106.6	01/25–01/28	STS	
6	9406	GERALDA	–13.2	71.0	01/27–02/04	T	
7	9407	HOLLANDA	–10.0	68.0	02/07–02/13	T	
8	9408	KELVINA	–19.0	51.0	03/07–03/10	TS	
9	9409	LIMANIA	–13.0	87.0	03/07–03/18	T	
10	9410	MARIOLA	–14.0	93.0	03/10–03/18	T	
11	9411	SHARON	–11.8	114.5	03/14–03/19	STS	
12	9412	NADIA	–11.0	64.0	03/20–04/01	T	
13	9413	ODILIA	–9.8	91.4	03/29–04/14	T	
14	9414	VIVIENNE	–11.4	124.0	04/07–04/12	T	
15	9415	ALBERTINE	–8.0	76.5	11/24–12/02	T	
16	9416	ANNETTE	–13.0	115.0	12/14–12/19	T	

6. Southwest Pacific Ocean — 6TC

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9401	SARAN	-18.0	166.0	01/21-01/30	T	
2	9402	THEODORE	-9.7	155.3	02/23-02/28	T	
3	9403	TOMAS	-8.0	-179.0	03/20-03/27	T	
4	9404	USHA	-11.0	160.0	03/24-03/29	STS	
5	9405	VANIA	-12.0	169.0	11/13-11/18	T	
6	9406	WYLIAM	-16.3	-161.9	12/31-01/04	STS	

1995

In Ocean was recorded 78 tropical cyclones and 14 tropical disturbances. From this:

1. Northwest Pacific Ocean — 25TC, 10TD page ____

N	Number	Name	Lat	Long	Dates	Max	Stage
1	95-1	01W	8.8	175.3	01/08–01/08	TD	
2	9501	CHUCK	5.4	166.0	04/28–05/01	TS	
3	9502	DEANNA	10.5	128.0	06/01–06/09	TS	
4	9503	ELI	13.0	144.8	06/04–06/09	TS	
5	9504	FAYE	14.9	141.7	07/16–07/24	T	
6	95-2	06W	17.0	124.2	07/26–07/29	TD	
7	9505	GARY	17.0	128.0	07/26–08/01	STS	
8	9506	HELEN	16.0	133.4	08/07–08/13	STS	
9	9507	IRVING	15.4	112.2	08/17–08/20	STS	
10	9508	JANIS	20.4	129.9	08/21–08/27	STS	
11	95-3	11W	25.1	125.0	08/22–08/23	TD	
12	9509	LOIS	17.5	115.5	08/23–08/30	T	
13	9510	KENT	15.7	128.2	08/26–09/01	T	
14	9511	MARK	28.6	152.3	08/30–09/02	T	
15	9512	NINA	12.4	128.3	09/02–09/07	TS	
16	95-4	16W	13.4	110.3	09/09–09/11	TD	
17	9513	OSCAR	15.0	147.5	09/11–09/18	T	
18	9514	POLLY	17.7	123.9	09/14–09/21	T	
19	9515	RYAN	16.0	124.0	09/14–09/24	T	
20	9516	SIBYL	8.0	135.0	09/27–10/04	T	
21	95-5	21W	12.8	110.5	09/28–09/29	TD	
22	95-6	22W	27.5	163.7	10/01–10/02	TD	
23	95-7	–	14.5	111.5	10/06–10/07	TD	
24	9517	TED	13.0	126.0	10/07–10/14	T	
25	9518	VAL	17.0	148.0	10/08–10/14	TS	
26	9519	WARD	13.1	152.2	10/16–10/22	T	
27	9520	IVETTE	10.0	129.0	10/22–10/27	STS	
28	9521	ZACK	8.7	137.1	10/25–11/02	T	
29	9522	ANGELA	10.3	146.4	10/25–11/06	T	
30	9523	BRIAN	16.0	163.0	10/31–11/04	STS	
31	9524	COLLEEN	15.5	177.0	11/12–11/13	TS	
32	95-8	32W	14.3	128.4	12/02–12/03	TD	
33	95-9	33W	13.8	124.8	12/04–12/05	TD	
34	95-10	34W	7.8	113.6	12/08–12/14	TD	
35	9525	DAN	7.0	137.0	12/24–01/01	STS	

2. Northeast Pacific Ocean — 10TC, 1TD page ____

N	Number	Name	Lat	Long	Dates	Max	Stage
1	95-1	01E	13.4	–103.7	05/21–05/23	TD	
2	9501	ADOLPH	11.7	–106.0	06/15–06/21	T	
3	9502	BARBARA	11.7	–103.1	07/07–07/18	T	
4	9503	COSME	17.4	–108.7	07/17–07/22	T	
5	9504	DALILA	13.2	–108.3	07/24–08/02	STS	
6	9505	ERICK	13.7	–113.9	08/02–08/07	STS	
7	9506	FLOSSIE	17.4	–106.6	08/09–08/13	T	
8	9507	GIL	16.2	–101.5	08/21–08/28	STS	
9	9508	HENRIETTE	17.7	–107.2	09/02–09/08	T	
10	9509	ISMAEL	15.0	–106.6	09/12–09/15	T	

11	9510	JULIETTE	14.6	-105.7	09/16-09/26	T
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3. North Atlantic Ocean — 19TC, 2TD

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9501	ALLISON	17.0	-84.2	06/03-06/06	T	
2	9502	BARRY	31.1	-71.4	07/05-07/10	STS	
3	9503	CHANTAL	20.5	-63.3	07/13-07/22	T	
4	9504	DEAN	26.5	-86.5	07/22-08/03	TS	
5	9505	ERIN	22.6	-73.8	07/30-08/06	T	
6	95-1	-	20.3	-95.3	08/05-08/07	TD	
7	9506	FELIX	15.0	-32.7	08/08-08/25	T	
8	9507	GABRIELLE	23.8	-94.9	08/09-08/12	T	
9	9508	HUMBERTO	14.3	-35.5	08/22-09/01	T	
10	9509	IRIS	13.5	-50.6	08/22-09/04	T	
11	9510	JERRY	24.2	-78.8	08/22-08/28	TS	
12	9511	KAREN	15.5	-33.8	08/26-09/03	STS	
13	9512	LUIS	11.7	-28.2	08/27-09/11	T	
14	95-2	-	23.8	-53.8	09/09-09/13	TD	
15	9513	MARILYN	11.9	-52.6	09/12-09/23	T	
16	9514	NOEL	11.2	-39.9	09/26-10/07	T	
17	9515	OPAL	19.3	-87.3	09/27-10/05	T	
18	9516	PABLO	8.4	-33.9	10/04-10/08	STS	
19	9517	ROXANNE	16.0	-83.2	10/07-10/21	T	
20	9518	SEBASTIEN	14.3	-53.8	10/20-10/25	TS	
21	9519	TANYA	27.0	-57.0	10/27-11/02	T	

4. North Indian Ocean — 4TC

page ____

N	Number	Name	Lat	Long	Dates	Max	Stage
1	9501	01B	21.0	89.0	09/16-09/17	TS	
2	9502	02A	16.5	68.8	10/12-10/17	STS	
3	9503	03B	11.4	91.8	11/07-11/09	STS	
4	9504	04B	7.4	89.1	11/21-11/25	T	

5. South Indian Ocean — 17TC

page ____

N	Number	Name	Lat	Long	Dates	Max	Stage
1	9501	BENTHA	-12.0	60.0	01/03-01/06	STS	
2	9502	CHRISTELLA	-12.9	55.4	01/05-01/10	Tse	
3	9503	DORINA	-11.8	79.6	01/19-01/30	T	
4	9504	FODAH	-22.0	40.0	01/24-01/27	TS	
5	9505	GAIL	-11.8	73.6	02/04-02/12	T	
6	9506	HELDA	-17.7	87.0	02/05-02/08	TS	
7	9507	BOBBY	-15.0	120.5	02/21-02/27	T	
8	9508	INGRID	-16.7	61.3	02/24-03/01	T	
9	9509	KYLIE	-14.5	56.4	03/07-03/15	T	
10	9510	JOSTA	-13.5	40.0	03/07-03/13	T	
11	9511	MARLENE	-11.2	75.5	03/30-04/11	T	
12	9512	20 S	-11.0	135.0	04/03-04/05	TS	
13	9513	CHLOE	-10.9	120.9	04/05-04/09	T	
14	9514	DARYL	-9.0	97.0	11/16-11/25	T	
15	9515	EMMA	-11.2	95.1	12/04-12/15	TS	
16	9516	FRANK	-12.5	118.7	12/07-12/13	T	
17	9517	GERTIE	-14.0	125.0	12/17-12/21	T	

6. Southwest Pacific Ocean — 3TC, 1TD

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9501	VIOLET	-15.0	152.0	03/03-03/08	T	

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2	9502	WARREN	-14.0	141.0	03/04-03/07	STS
3	95-1	18P	-23.8	-176.8	03/16-03/17	TD
4	9503	AGNES	-11.0	147.0	04/17-04/23	T

1996

In Ocean was recorded 92 tropical cyclones and 19 tropical disturbances. From this:

1. Northwest Pacific Ocean — 30TC, 13TD

page ____

N	Number	Name	Lat	Long	Dates	Max	Stage
1	96-1	01W	9.6	126.5	02/29–03/01	TD	
2	9601	ANN	9.4	145.8	04/02–04/09	TS	
3	96-2	03W	7.2	113.0	04/25–04/26	TD	
4	9602	BART	7.5	139.5	05/09–05/19	T	
5	9603	CAM	14.3	112.8	05/18–05/24	TS	
6	9604	DAN	19.5	149.0	07/05–07/12	T	
7	9605	EVE	19.0	144.1	07/13–07/20	T	
8	9606	FRANKIE	16.5	113.9	07/21–07/25	T	
9	9607	GLORIA	12.5	128.8	07/22–07/27	T	
10	9608	HERB	16.2	153.0	07/23–08/02	T	
11	9609	IAN	14.6	144.1	07/28–07/31	TS	
12	9610	JOY	26.8	153.5	07/29–08/05	T	
13	9611	KIRK	20.6	133.5	08/03–08/16	T	
14	9612	LISA	18.9	113.7	08/05–08/07	TS	
15	96-3	15W	33.2	159.4	08/12–08/16	TD	
16	9613	MARTY	20.4	106.9	08/13–08/15	TS	
17	96-4	17W	30.8	177.9	08/14–08/15	TD	
18	9614	NIKI	17.4	130.6	08/18–08/24	T	
19	9615	ORSON	22.2	143.1	08/21–09/03	T	
20	9616	PIPER	29.0	160.2	08/23–08/26	T	
21	96-5	21W	31.4	161.9	08/26–08/27	TD	
22	9617	RICK	22.9	170.2	08/28–08/31	TS	
23	9618	SALLY	14.1	135.0	09/05–09/10	T	
24	96-6	24W	15.8	130.1	09/09–09/14	TD	
25	9619	TOM	14.6	149.8	09/11–09/20	T	
26	9620	VIOLET	15.9	130.0	09/11–09/23	T	
27	9621	WILLIE	17.0	109.2	09/17–09/23	T	
28	9622	YATES	15.3	158.9	09/22–10/01	T	
29	9623	ZANE	14.3	139.7	09/24–10/03	T	
30	9624	ABEL	14.0	125.8	10/11–10/17	TS	
31	96-7	31W	14.7	150.0	10/13–10/17	TD	
32	9625	BETH	15.5	133.2	10/13–10/21	T	
33	9626	CARLO	19.0	149.8	10/21–10/26	T	
34	96-8	34W	8.2	103.1	10/29–10/31	TD	
35	96-9	35W	11.8	114.6	11/02–11/03	TD	
36	9627	ERNIE	5.6	131.5	11/04–11/17	STS	
37	9628	DALE	10.5	152.3	11/04–11/13	T	
38	96-10	38W	24.4	171.7	11/06–11/08	TD	
39	96-11	39W	17.6	122.4	11/08–11/09	TD	
40	96-12	40W	12.9	143.6	11/25–12/01	TD	
41	96-13	41W	4.3	105.1	12/14–12/20	TD	
42	9629	FERN	8.4	139.7	12/21–12/31	T	
43	9630	GREG	7.3	112.1	12/24–12/28	TS	

2. Northeast Pacific Ocean — 8TC, 4TD

page ____

N	Number	Name	Lat	Long	Dates	Max	Stage
1	96-1	01E	11.1	-114.9	05/13–05/16	TD	
2	96-2	02E	12.8	-108.1	05/15–05/19	TD	

3	9601	ALMA	13.2	-99.3	06/20-06/27	T
4	9602	BORIS	14.2	-98.4	06/28-07/01	T
5	9603	CRISTINA	9.5	-90.2	07/01-07/03	STS
6	96-3	06E	17.5	-109.5	07/05-07/06	TD
7	9604	DOUGLAS	12.9	-89.7	07/29-08/06	T
8	9605	ELIDA	17.8	-109.6	09/01-09/06	STS
9	9606	FAUSTO	15.3	-103.9	09/10-09/14	T
10	96-4	01C	13.9	-147.5	09/16-09/20	TD
11	9607	GENEVIEVE	16.6	-111.7	09/28-10/08	TS
12	9608	HERMAN	12.6	-98.6	09/30-10/04	T

3. North Atlantic Ocean — 13TC

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9601	ARTHUR	27.4	-78.0	06/17-06/21	TS	
2	9602	BERTHA	10.2	-35.1	07/05-07/14	T	
3	9603	CESAR	11.9	-68.0	07/24-07/29	T	
4	9604	DOLLY	18.7	-83.5	08/19-08/25	T	
5	9605	EDOUARD	13.0	-29.5	08/19-09/03	T	
6	9606	FRAN	14.4	-25.1	08/23-09/08	T	
7	9607	GUSTAV	10.5	-31.8	08/26-09/02	TS	
8	9608	HORTENSE	14.9	-47.7	09/03-09/16	T	
9	9609	ISIDORE	9.5	-25.8	09/24-10/01	T	
10	9610	JOSEPHINE	23.0	-96.3	10/04-10/08	STS	
11	9611	KYLE	18.0	-86.0	10/11-10/12	STS	
12	9612	LILI	15.5	-82.5	10/14-10/27	T	
13	9613	MARCO	14.6	-81.2	11/16-11/26	T	

4. North Indian Ocean — 8TC

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9601	01 B	18.1	88.1	05/07-05/09	TS	
2	9602	02 A	17.9	58.2	06/11-06/12	TS	
3	9603	03 B	10.0	86.8	06/12-06/18	TS	
4	9604	04 A	18.0	68.0	06/17-06/19	TS	
5	9605	05 A	14.0	68.0	10/22-10/31	STS	
6	9606	06 B	12.0	87.0	10/25-10/29	TS	
7	9607	07 B	16.4	90.4	11/03-11/08	T	
8	9608	08 B	11.8	85.0	11/28-12/06	T	

5. South Indian Ocean — 22TC, 2TD

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	96-1	06S	-14.6	68.4	01/05-01/06	TD	
2	9601	BONITA	-15.0	68.0	01/06-01/15	T	
3	9602	HUBERT	-11.1	97.3	01/08-01/12	T	
4	9603	ISOBEL	-13.0	120.0	01/28-01/31	TS	
5	9604	12S	-10.6	94.1	02/07-02/10	TS	
6	9605	DOLORESSE	-10.5	44.0	02/15-02/20	T	
7	9606	15S	-16.0	80.0	02/15-02/17	TS	
8	9607	EDVIGE	-17.0	72.0	02/21-02/29	T	
9	9608	FLOSSY	-12.0	73.0	02/27-03/03	T	
10	9609	KIRSTY	-15.0	119.0	03/08-03/13	T	
11	9610	GUYLIANNE	-13.4	59.6	03/20-03/24	TS	
12	9611	HANSELLA	-16.0	72.0	04/02-04/10	T	
13	9612	OLIVIA	-10.8	126.9	04/05-04/11	T	
14	9613	ITELLE	-15.0	79.0	04/08-04/18	T	
15	96-2	27S	-14.7	115.6	04/16-04/19	TD	
16	9614	LINDSAY	-14.3	91.2	07/10-07/11	TS	

17	9615	02S	-10.0	87.0	08/16-08/20	TS
18	9616	ANTOINETTE	-8.0	88.0	10/16-10/22	T
19	9617	MELANIE	-9.4	97.0	10/29-11/11	T
20	9618	CHANTELLE	-6.4	92.5	11/24-11/29	T
21	9619	DANIELLA	-8.6	65.0	12/02-12/10	T
22	9620	ELVINA	-12.8	88.8	12/09-12/15	STS
23	9621	NICHOLAS	-12.4	124.0	12/13-12/16	TS
24	9622	OPHELIA	-10.0	107.6	12/14-12/20	STS

6. Southwest Pacific Ocean — 11TC

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9601	BARRY	-15.4	139.1	01/04-01/07	T	
2	9602	YASI	-20.5	-172.0	01/16-01/19	TS	
3	9603	CELESTE	-20.0	147.0	01/26-01/30	STS	
4	9604	JACOB	-14.5	139.0	01/27-02/07	T	
5	9605	DENNIS	-14.3	140.0	02/13-02/19	TS	
6	9606	ETHEL	-14.0	139.0	03/08-03/14	STS	
7	9607	ATU	-17.0	162.0	03/10-03/13	STS	
8	9608	BETI	-11.6	168.9	03/20-03/29	T	
9	9609	CYRIL	-13.0	160.1	11/23-11/26	STS	
10	9610	PHIL	-12.0	139.0	12/23-01/03	T	
11	9611	FERGUS	-12.0	157.0	12/23-12/31	T	

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In Ocean to appear 96 tropical cyclones and 254 tropical disturbances. From this:

1. Northwest Pacific Ocean — 30TC, 3TD, 76TL							page _____
N	Number	Name	Lat	Long	Dates	Max	Stage
1	9701	HANNAH	6.0	139.3	01/19–01/25	STS	
2	97-1	–	10.1	131.5	02/28–03/07	L	
3	97-2	–	9.9	150.6	02/28–03/01	L	
4	97-3	–	5.5	175.3	03/05–03/06	L	
5	97-4	–	10.1	113.5	03/05–03/06	L	
6	97-5	–	5.5	163.0	03/08–03/08	L	
7	97-6	–	6.6	151.7	03/10–03/15	L	
8	97-7	–	13.4	175.3	03/11–03/12	L	
9	97-8	–	8.8	143.8	03/14–03/14	L	
10	97-9	–	3.3	167.4	03/16–03/26	L	
11	97-10	–	9.9	165.2	03/20–03/20	L	
12	97-11	–	5.5	147.2	03/24–03/26	L	
13	97-12	–	3.3	167.4	03/31–04/04	L	
14	97-13	–	5.5	172.4	04/02–04/03	L	
15	97-14	–	6.6	153.9	04/09–04/10	L	
16	97-15	–	5.5	172.0	04/09–04/10	L	
17	9702	ISA	11.2	157.3	04/09–04/24	T	
18	97-16	–	4.4	169.6	04/18–04/21	L	
19	97-17	–	12.3	151.7	04/21–04/25	L	
20	9703	JIMMY	11.0	158.0	04/21–04/26	STS	
21	97-18	–	7.7	163.0	04/25–04/25	L	
22	97-19	–	5.5	143.8	04/28–04/29	L	
23	97-20	–	4.4	170.8	05/01–05/03	L	
24	9704	KELLY	6.6	172.0	05/05–05/11	TS	
25	97-21	–	5.5	133.7	05/17–05/18	L	
26	97-22	–	7.7	150.6	05/19–05/22	L	
27	97-23	–	7.7	113.5	05/20–05/22	L	
28	97-24	–	7.7	147.2	05/23–05/23	L	
29	97-25	–	5.5	169.6	05/23–05/27	L	
30	9705	LEVI	13.4	115.7	05/23–05/31	TS	
31	97-26	–	8.8	155.1	05/23–05/24	L	
32	9706	MARIE	8.8	163.0	05/26–06/02	T	
33	97-27	–	16.7	110.2	05/29–05/30	L	
34	97-28	–	2.2	137.1	06/01–06/02	L	
35	9707	NESTOR	6.6	171.9	06/01–06/16	T	
36	9708	OPAL	11.2	139.3	06/14–06/22	T	
37	97-29	–	3.3	156.2	06/14–06/16	L	
38	97-30	–	6.6	173.1	06/18–06/26	L	
39	9709	PETER	11.2	137.1	06/19–06/30	T	
40	97-31	–	8.8	–176.4	06/21–06/25	L	
41	97-32	–	9.9	153.9	06/21–06/29	L	
42	97-33	–	7.7	173.1	06/24–06/26	L	
43	97-34	–	7.7	148.3	06/30–07/08	L	
44	97-35	–	12.3	128.1	07/01–07/03	L	
45	97-36	–	9.9	–179.7	07/02–07/04	L	
46	97-37	–	8.8	164.1	07/06–07/08	L	
47	97-38	–	7.7	137.1	07/09–07/12	L	
48	97-39	–	7.7	146.1	07/11–07/13	L	

49	97-40	–	3.3	150.6	07/13–07/14	L
50	97-41	–	3.3	158.4	07/14–07/14	L
51	97-42	–	16.7	116.8	07/15–07/17	L
52	97-43	–	7.7	166.3	07/15–07/17	L
53	9710	ROSIE	9.9	143.8	07/15–07/28	T
54	97-44	–	27.9	–178.6	07/18–07/21	L
55	9711	SCOTT	23.5	152.8	07/20–08/02	STS
56	97-45	–	27.9	130.4	07/20–07/21	L
57	9712	TINA	7.7	149.4	07/22–08/09	T
58	97-46	–	27.9	160.7	07/25–07/31	TD
59	97-47	–	5.0	166.0	07/25–07/26	L
60	97-48	–	18.9	115.7	07/26–07/28	L
61	97-49	–	9.9	161.8	07/27–07/29	L
62	9713	VICTOR	16.7	116.8	07/28–08/03	T
63	97-50	–	13.4	148.3	07/30–08/05	L
64	9714	WINNIE	6.6	167.4	08/05–08/20	T
65	9715	JULE	3.3	179.7	08/09–08/23	T
66	97-51	–	17.8	147.2	08/12–08/14	L
67	97-52	16W	8.8	–178.6	08/13–08/19	TD
68	97-53	–	11.2	151.7	08/17–08/25	L
69	9716	ZITA	18.9	115.7	08/19–08/23	T
70	9717	AMBER	15.6	136.0	08/20–08/30	T
71	9718	BING	10.1	160.7	08/25–09/04	T
72	9719	CASS	19.0	113.5	08/27–08/30	TS
73	97-54	–	8.8	166.3	08/28–08/29	L
74	97-55	–	24.6	119.1	08/30–08/31	L
75	97-56	–	27.9	150.6	08/31–09/02	L
76	97-57	–	6.6	155.1	09/03–09/04	L
77	97-58	–	13.4	133.7	09/05–09/06	L
78	97-59	–	20.2	112.4	09/08–09/08	L
79	9720	DAVID	10.1	169.6	09/09–09/20	T
80	97-60	–	16.7	179.7	09/14–09/15	L
81	97-61	–	15.6	169.6	09/19–09/22	L
82	9722	FRITZ	13.4	112.4	09/19–09/26	T
83	9723	ELLA	23.5	179.7	09/20–09/25	TS
84	97-62	–	13.4	148.3	09/20–09/22	L
85	9724	GINGER	9.9	175.3	09/22–09/30	T
86	97-63	–	7.7	174.2	09/28–09/28	L
87	9725	HANK	17.8	115.7	09/30–10/04	TS
88	97-64	–	8.8	162.9	09/30–10/03	L
89	97-65	26W	15.6	147.2	10/01–10/07	TD
90	97-66	–	7.7	174.2	10/06–10/06	L
91	97-67	–	4.4	179.7	10/06–10/08	L
92	97-68	–	8.8	178.6	10/08–10/10	L
93	97-69	–	10.1	134.8	10/09–10/11	L
94	9726	JOAN	4.4	176.4	10/11–10/24	T
95	9727	IVAN	6.6	165.2	10/11–10/26	T
96	9728	KEITH	7.7	179.9	10/18–11/09	T
97	9729	LINDA	9.9	135.9	10/26–11/09	T
98	97-70	–	5.5	175.3	11/02–11/06	L
99	9730	MORT	11.2	144.9	11/08–11/16	T
100	97-71	–	10.1	179.7	11/09–11/12	L
101	97-72	–	6.6	104.5	11/10–11/12	L
102	97-73	–	8.0	179.9	11/15–11/16	L
103	97-74	–	21.3	168.5	11/16–11/23	L
104	97-75	–	9.9	171.9	11/18–11/21	L

105	97-76	–	26.8	137.1	11/20–11/21	L
106	97-77	–	8.8	130.4	12/02–12/03	L
107	97-78	–	4.4	159.5	12/18–12/20	L
108	97-79	–	4.4	172.0	12/18–12/19	L

We have no information about N 9721.

2. Northeast Pacific Ocean — 19TC, 5TD, 79TL

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	97-1	–	10.5	–110.0	05/23–05/26	L	
2	9701	ANDRES	8.0	–95.0	05/29–06/07	TS	
3	97-2	–	7.0	–160.0	06/02–06/03	L	
4	97-3	–	7.0	–170.0	06/02–06/03	L	
5	97-4	–	6.5	–161.0	06/04–06/07	L	
6	97-5	–	8.0	–158.0	06/06–06/07	L	
7	97-6	–	8.4	–167.5	06/07–06/07	L	
8	97-7	–	7.2	–159.3	06/07–06/07	L	
9	97-8	–	5.1	–155.8	06/07–06/07	L	
10	9702	BLANCA	13.0	–92.0	06/08–06/13	TS	
11	97-9	–	10.0	–157.0	06/12–06/15	L	
12	97-10	–	9.0	–116.5	06/14–06/16	L	
13	97-11	–	15.5	–101.0	06/15–06/16	L	
14	97-12	–	8.5	–92.0	06/17–06/18	L	
15	97-13	03E	10.0	–110.0	06/18–06/30	TD	
16	97-14	–	8.0	–176.0	06/20–06/22	L	
17	97-15	–	5.0	–168.0	06/21–06/22	L	
18	97-16	–	11.0	–173.0	06/21–06/22	L	
19	97-17	–	11.0	–180.0	06/21–06/22	L	
20	97-18	–	10.5	–104.0	06/22–06/24	L	
21	97-19	–	9.0	–174.0	06/23–06/27	L	
22	97-20	–	10.0	–157.0	06/23–06/24	L	
23	9703	CARLOS	16.5	–106.5	06/24–06/29	TS	
24	97-21	–	15.0	–146.0	06/26–06/27	L	
25	97-22	–	5.0	–147.0	06/26–06/26	L	
26	97-23	–	7.0	–95.0	06/26–06/26	L	
27	97-24	05E	10.5	–104.0	06/27–07/04	TD	
28	97-25	–	11.0	–102.0	07/02–07/03	L	
29	97-26	–	11.5	–104.0	07/03–07/04	L	
30	9704	DOLORES	13.0	–110.0	07/04–07/13	T	
31	97-27	–	11.0	–162.0	07/06–07/07	L	
32	97-28	–	5.0	–95.0	07/08–07/09	L	
33	9705	ENRIQUE	8.0	–110.0	07/11–07/17	T	
34	97-29	–	15.0	–172.0	07/12–07/12	L	
35	97-30	–	12.5	–139.0	07/12–07/12	L	
36	97-31	–	11.0	–139.0	07/13–07/15	L	
37	9706	FELICIA	10.0	–105.0	07/13–07/22	T	
38	97-32	–	21.5	–102.5	07/15–07/16	L	
39	97-33	–	12.0	–100.0	07/16–07/17	L	
40	97-34	–	9.0	–110.0	07/19–07/21	L	
41	97-35	O1–C	8.0	–151.0	07/24–07/27	TD	
42	97-36	–	31.0	–176.0	07/26–07/26	L	
43	97-37	–	24.0	–176.0	07/26–07/26	L	
44	97-38	–	21.0	–175.0	07/26–07/26	L	
45	97-39	–	10.0	–140.0	07/26–07/31	L	
46	97-40	–	10.5	–103.0	07/27–07/29	L	
47	9707	GUILLERMO	8.5	–89.0	07/28–08/24	T	
48	97-41	–	15.0	–106.0	07/29–08/02	L	

49	97-42	–	17.0	–146.0	07/31–07/31	L
50	97-43	–	9.0	–143.0	08/04–08/05	L
51	97-44	–	5.0	–167.0	08/04–08/05	L
52	9708	HILDA	8.0	–110.0	08/07–08/15	TS
53	97-45	–	8.0	–173.0	08/12–08/13	L
54	9709	IGNACIO	10.0	–110.0	08/13–08/20	TS
55	97-46	–	10.1	–146.0	08/17–08/18	L
56	97-47	–	8.0	–110.0	08/18–08/21	L
57	97-48	–	9.0	–88.0	08/18–08/19	L
58	97-49	–	5.0	–179.5	08/20–08/22	L
59	9710	JIMENA	7.5	–121.5	08/24–08/31	T
60	9711	OLIWA	11.0	–164.0	08/27–09/17	T
61	97-50	–	25.0	–113.0	08/30–08/31	L
62	9712	KEVIN	14.0	–106.0	09/01–09/06	STS
63	97-51	–	12.0	–120.0	09/03–09/04	L
64	97-52	–	11.0	–153.0	09/04–09/06	L
65	97-53	–	12.5	–148.0	09/08–09/08	L
66	9713	LINDA	10.0	–104.0	09/08–09/18	T
67	97-54	–	10.0	–123.0	09/09–09/10	L
68	9714	MARTY	9.0	–135.0	09/11–09/16	TS
69	97-55	–	11.0	–163.0	09/12–09/14	L
70	9715	NORA	7.0	–95.0	09/13–09/26	T
71	97-56	–	22.0	–177.0	09/19–09/20	L
72	97-57	–	4.0	–167.0	09/19–09/20	L
73	9716	OLAF	7.0	–95.0	09/21–10/16	STS
74	9717	PAULINE	12.0	–102.0	09/30–10/10	T
75	97-58	–	10.0	–138.0	10/01–10/05	L
76	97-59	–	7.0	–150.0	10/02–10/03	L
77	97-60	–	9.0	–140.0	10/02–10/08	TD
78	97-61	–	9.0	–154.0	10/03–10/08	L
79	97-62	–	18.0	–154.0	10/07–10/07	L
80	97-63	–	7.0	–160.0	10/10–10/10	L
81	97-64	–	8.0	–161.0	10/12–10/16	L
82	97-65	–	12.0	–169.0	10/17–10/18	L
83	97-66	–	10.0	–170.0	10/17–10/18	L
84	97-67	–	9.0	–145.0	10/21–10/27	L
85	97-68	–	9.0	–166.0	10/22–10/25	L
86	97-69	–	12.0	–121.0	10/23–10/24	L
87	97-70	04–C	6.0	–161.0	10/26–11/01	TD
88	97-71	–	12.0	–164.0	10/31–11/01	L
89	97-72	–	14.0	–134.0	11/01–11/01	L
90	97-73	–	18.0	–113.0	11/02–11/08	L
91	97-74	–	9.0	–137.0	11/04–11/07	L
92	97-75	–	13.0	–160.0	11/04–11/05	L
93	9718	RICK	8.0	–103.0	11/05–11/10	T
94	97-76	–	9.0	–88.0	11/08–11/10	L
95	97-77	–	10.0	–92.0	11/13–11/22	L
96	97-78	–	8.0	–171.0	11/13–11/13	L
97	97-79	–	14.0	–138.0	11/21–11/21	L
98	97-80	–	10.0	–133.0	11/22–11/26	L
99	97-81	–	6.5	–118.0	11/24–11/25	L
100	97-82	–	9.0	–124.0	11/25–11/26	L
101	97-83	–	13.0	–88.0	11/27–11/28	L
102	97-84	–	11.0	–88.0	11/29–11/30	L
103	9719	PAKA	7.0	–168.0	11/29–12/22	T

3. North Atlantic Ocean — 7TC, 1TD, 23TL, 12TW

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9701	ANA	31.8	-75.9	06/30-07/04	TS	
2	97-1	-	15.0	-55.0	07/04-07/09	W	
3	97-2	-	25.0	-55.0	07/07-07/09	L	
4	9702	BILL	26.0	-68.0	07/09-07/16	T	
5	9703	CLAUDETTE	31.0	-74.0	07/12-07/17	TS	
6	9704	DANNY	25.0	-90.0	07/14-07/23	T	
7	97-3	-	15.0	-48.0	07/16-07/23	TD	
8	97-4	-	24.0	-73.0	07/24-07/24	L	
9	97-5	-	15.0	-50.0	07/26-07/30	W	
10	97-6	-	22.0	-62.5	07/28-07/31	W	
11	97-7	-	28.0	-87.0	07/30-08/04	L	
12	97-8	-	18.0	-87.0	08/02-08/04	W	
13	97-9	-	13.0	-64.0	08/04-08/06	W	
14	97-10	-	15.0	-51.0	08/07-08/11	L	
15	97-11	-	32.0	-75.0	08/10-08/11	L	
16	97-12	-	25.0	-90.0	08/12-08/13	L	
17	97-13	-	13.0	-27.0	08/14-08/19	W	
18	97-14	-	15.0	-38.0	08/20-09/04	L	
19	97-15	-	16.0	-24.0	08/20-08/25	W	
20	97-16	-	15.0	-48.0	08/22-08/26	W	
21	97-17	-	32.0	-50.0	08/24-08/25	L	
22	97-18	-	16.0	-24.0	08/25-08/27	W	
24	97-19	-	27.0	-75.0	08/26-09/02	L	
23	97-20	-	16.0	-24.0	08/27-09/02	W	
25	97-21	-	31.0	-73.0	09/02-09/04	L	
39	9705	ERIKA	15.0	-38.0	09/02-09/15	T	
26	97-22	-	23.0	-93.0	09/03-09/04	L	
27	97-23	-	15.0	-40.0	09/06-09/16	W	
28	97-24	-	25.0	-93.0	09/08-09/11	L	
29	97-25	-	23.0	-75.0	09/16-09/20	L	
30	97-26	-	15.0	-40.0	09/16-09/28	L	
31	97-27	-	23.0	-75.0	09/20-09/21	L	
32	97-28	-	15.0	-40.0	09/22-09/30	L	
33	97-29	-	15.0	-80.0	09/28-09/30	L	
34	97-30	-	32.0	-35.0	10/03-10/06	L	
35	97-31	-	12.0	-35.0	10/03-10/06	L	
36	97-32	-	20.0	-65.0	10/03-10/05	L	
37	97-33	-	19.0	-82.0	10/03-10/05	L	
38	9706	FABIAN	28.0	-52.0	10/05-10/09	TS	
39	9707	GRACE	16.0	-75.0	10/08-10/18	TS	
40	97-34	-	19.0	-80.0	10/14-10/14	L	
41	97-35	-	15.0	-50.0	10/16-10/18	W	
42	97-36	-	17.0	-85.0	11/19-11/23	L	

4. North Indian Ocean — 4TC, 2TD, 18TL

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9701	01B	5.5	89.7	05/13-05/21	T	
2	97-1	-	5.5	91.0	05/15-05/16	L	
3	97-2	-	18.9	92.1	06/06-06/07	L	
4	97-3	-	21.3	68.4	06/20-06/23	L	
5	97-4	-	19.0	88.6	06/25-06/27	L	
6	97-5	-	20.2	60.6	07/01-07/02	L	
7	97-6	-	17.8	91.0	07/28-07/29	L	

8	97-7	–	21.3	87.5	08/04–08/05	TD
9	97-8	–	24.6	70.7	08/07–08/08	L
10	97-9	–	19.0	86.4	08/19–08/20	TD
11	97-10	–	22.4	71.8	08/24–08/25	L
12	97-11	–	16.7	91.0	08/26–08/29	L
13	9702	02B	13.4	83.1	09/19–09/30	T
14	97-12	–	15.5	81.5	09/24–09/25	L
15	97-13	–	12.3	97.6	10/05–10/07	L
16	97-14	–	3.3	64.0	10/08–10/13	L
17	97-15	–	6.6	58.3	10/23–10/27	L
18	97-16	–	7.5	75.0	10/26–11/01	L
19	9703	03A	8.8	68.4	11/03–11/09	TS
20	9704	04A	8.8	85.3	11/04–11/14	STS
21	97-17	–	15.6	90.9	11/10–11/11	L
22	97-18	–	12.3	84.2	11/13–11/17	L
23	97-19	–	9.9	74.1	11/22–11/27	L
24	97-20	–	9.0	64.0	12/05–12/06	L

5. South Indian Ocean — 15TC, 20TL

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	9701	PHIL	–17.8	111.0	01/01–01/12	TS	
2	9702	RACHEL	–11.7	130.6	01/02–01/08	T	
3	9703	FABRIOLA	–14.0	55.0	01/02–01/09	STS	
4	9704	18S	–18.2	92.1	01/11–01/14	TS	
5	9705	PANCHO	–8.8	95.8	01/19–02/06	T	
6	9706	GRETELLE	–16.2	57.1	01/20–02/01	T	
7	9707	ILETTA	–14.1	65.7	01/23–01/29	T	
8	9708	JOSIE	–14.0	50.0	02/08–02/17	T	
9	9709	KARLETTE	–16.0	82.0	02/16–02/26	T	
10	9710	27S	–16.2	113.9	02/19–02/25	TS	
11	97-1	–	–20.7	115.7	02/26–02/27	L	
12	9711	LISETTE	–19.0	40.0	02/27–03/03	T	
13	97-2	–	–15.6	65.1	03/12–03/14	L	
14	97-3	–	–11.2	83.1	03/19–03/20	L	
15	97-4	–	–11.2	58.3	03/21–03/24	L	
16	97-5	–	–14.5	83.1	03/26–03/26	L	
17	97-6	–	–5.5	70.7	03/26–03/27	L	
18	97-7	–	–6.6	52.8	04/01–04/02	L	
19	97-8	–	–10.1	90.9	04/19–04/20	L	
20	97-9	–	–6.6	80.8	04/26–04/26	L	
21	97-10	–	–10.1	68.4	05/01–05/05	L	
22	97-11	–	–10.1	85.3	05/02–05/03	L	
23	97-12	–	–10.1	93.2	05/02–05/03	L	
24	97-13	–	–8.8	80.8	05/03–05/05	L	
25	9712	RHONDA	–9.9	82.0	05/08–05/17	T	
26	97-14	–	–6.6	64.0	05/11–05/12	L	
27	97-15	–	–7.7	82.0	06/28–06/29	L	
28	9713	LINDSAY	–4.4	78.4	07/19–07/24	TS	
29	97-16	–	–4.4	78.4	07/20–07/21	L	
30	97-17	–	–4.4	48.2	10/04–10/05	L	
31	97-18	–	–3.3	53.8	10/11–10/13	L	
32	97-19	–	–12.3	54.9	12/12–12/13	L	
33	97-20	–	–12.3	119.1	12/17–12/19	L	
34	9714	SID	–11.2	128.1	12/25–12/28	TS	
35	9715	SELWYN	–12.3	110.2	12/26–01/01	T	

6. Southwest Pacific Ocean — 21TC, 1TD, 1 TL

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N	Number	Nam	Lat	Long	Dates	Max	Stage
1	9701	DRENA	-14.3	167.0	01/02-01/11	T	
2	9702	EVAN	-18.0	163.0	01/13-01/17	T	
3	9703	FREDA	-21.0	174.0	01/25-02/03	T	
4	9704	GILLIAN	-14.3	149.5	02/10-02/13	TS	
5	9705	HAROLD	-14.1	157.5	02/16-02/21	STS	
6	9706	ITA	-18.0	149.0	02/24-02/25	TS	
7	9707	29P	-27.0	-167.0	02/25-02/28	TS	
8	9708	GAVIN	-8.8	170.8	03/02-03/12	T	
9	9709	JUSTIN	-18.9	157.3	03/03-03/25	T	
10	97-1	-	-7.7	179.7	03/07-03/11	L	
11	9710	HINA	-11.5	176.5	03/12-03/19	STS	
12	97-2	-	-18.9	171.9	03/25-03/26	L	
13	97-3	-	-6.6	154.0	04/12-04/14	L	
14	9711	IAN	-15.6	171.9	04/15-04/20	STS	
15	97-4	-	-12.3	169.6	04/18-04/21	L	
16	97-5	-	-5.5	156.2	04/25-04/25	L	
17	9712	YUNE	-10.1	168.5	04/26-05/06	STS	
18	9713	37P	-13.4	170.8	05/27-05/30	TS	
19	9714	KELI	-7.0	-174.0	06/08-06/16	T	
20	97-6	-	-5.5	157.3	07/16-07/17	L	
21	97-7	-	-4.4	176.4	08/17-08/18	L	
22	97-8	-	-8.8	176.4	08/20-08/21	L	
23	97-9	-	-5.5	165.2	09/04-09/05	L	
24	97-10	-	-9.9	168.5	09/08-09/14	L	
25	9715	LUSI	-10.1	173.1	10/05-10/12	STS	
26	9716	03P	-7.7	-179.7	10/22-10/28	TS	
27	9717	MARTIN	-8.8	-165.9	10/28-11/04	T	
28	9718	NUTE	-10.0	179.9	11/15-11/22	T	
29	97-11	-	-6.6	172.0	11/19-11/25	L	
30	9719	OSEA	-10.0	-156.0	11/22-11/28	T	
31	97-12	-	-14.5	159.5	11/26-11/30	L	
32	97-13	-	-6.6	163.0	11/27-11/30	L	
33	9720	PAM	-10.0	-167.0	12/05-12/10	T	
34	97-14	-	-11.2	-178.0	12/21-12/30	TD	
35	97-15	-	-6.6	160.7	12/30-12/31	L	
36	9721	SUSAN	-10.0	174.2	12/30-01/10	T	

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In Ocean to appear 88 tropical cyclones and 280 tropical disturbances. From this:

1. Northwest Pacific Ocean — 17TC, 9TD, 65TL

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	98-1	–	4.4	148.3	05/16–05/19	L	
2	98-2	–	19.0	117.9	05/26–05/27	L	
3	98-3	–	23.5	124.7	06/07–06/09	L	
4	98-4	–	10.1	137.1	06/14–06/15	L	
5	98-5	–	7.7	127.0	06/26–06/28	L	
6	98-6	01W	17.8	132.6	07/06–07/12	TD	
7	9801	NICHOLE	18.9	118.0	07/06–07/13	TS	
8	98-7	–	20.2	137.1	07/14–07/15	L	
9	98-8	03W	19.0	144.0	07/21–07/27	TD	
10	98-9	–	21.3	154.0	07/23–07/26	L	
11	98-10	–	23.5	144.9	07/26–07/27	L	
12	98-11	–	8.8	111.3	07/29–07/30	L	
13	9802	OTTO	14.5	130.3	07/31–08/05	T	
14	9803	PENNY	13.4	132.6	08/04–08/11	STS	
15	98-12	–	7.7	148.3	08/06–08/08	L	
16	98-13	–	5.5	171.9	08/06–08/11	L	
17	98-14	–	9.9	129.2	08/15–08/17	L	
18	98-15	–	14.5	114.5	08/18–08/19	L	
19	98-16	–	16.7	124.7	08/20–08/23	L	
20	98-17	–	7.7	167.4	08/20–08/21	L	
21	9804	REX	18.9	130.4	08/21–09/08	T	
22	98-18	–	22.4	146.1	08/21–08/23	L	
23	98-19	–	8.8	134.8	08/22–08/23	L	
24	98-20	–	8.8	148.3	08/26–08/31	L	
25	98-21	–	9.8	172.0	08/27–08/29	L	
26	98-22	–	29.1	165.2	08/29–08/31	L	
27	98-23	–	12.5	180.0	08/30–09/01	L	
28	98-24	07W	22.4	123.6	08/30–09/05	TD	
29	98-25	–	12.3	118.0	09/01–09/03	L	
30	98-26	–	37.0	154.0	09/02–09/03	L	
31	9805	STELLA	16.5	145.4	09/10–09/18	T	
32	98-27	09W	20.1	111.7	09/13–09/14	TD	
33	9806	TODD	19.0	132.0	09/15–09/21	T	
34	9807	VICKI	17.0	120.1	09/17–09/23	T	
35	98-28	12W	16.3	109.6	09/17–09/20	TD	
36	9808	WALDO	16.7	135.9	09/17–09/22	TS	
37	98-29	–	14.5	127.0	09/18–09/19	L	
38	98-30	–	8.8	177.5	09/18–09/19	L	
39	9809	JANNI	13.4	132.7	09/22–10/01	T	
40	98-31	–	26.0	128.0	09/23–09/24	L	
41	98-32	–	10.0	156.2	09/23–09/26	L	
42	98-33	–	13.4	150.0	09/25–09/26	L	
43	98-34	–	5.5	140.5	09/26–09/27	L	
44	98-35	–	28.0	–179.7	09/27–09/30	L	
45	98-36	–	23.5	145.0	09/28–09/30	L	
46	98-37	–	18.9	163.0	09/29–10/01	L	
47	98-38	–	16.7	157.3	09/30–10/03	L	
48	98-39	15W	14.5	115.7	09/30–10/06	TD	

49	98-40	16W	15.6	126.9	09/30–10/08	TD
50	98-41	17W	28.0	126.9	10/04–10/07	TD
51	98-42	–	11.2	173.1	10/05–10/06	L
52	98-43	–	7.7	118.0	10/05–10/08	L
53	9810	ZEB	6.6	158.4	10/06–10/19	T
54	9811	ALEX	14.0	144.8	10/10–10/13	TS
55	9812	BABS	12.3	149.4	10/12–10/28	T
56	98-44	–	5.5	168.5	10/13–10/14	L
57	98-45	–	10.1	112.4	10/19–10/22	L
58	98-46	–	17.8	149.4	10/19–10/22	L
59	98-47	–	12.3	168.5	10/19–10/22	L
60	98-48	–	7.7	155.1	10/21–10/22	L
61	98-49	–	8.8	167.4	10/21–10/23	L
63	98-50	–	13.0	142.8	10/22–10/23	L
62	98-51	–	6.6	132.6	10/24–10/27	L
64	98-52	–	6.6	139.3	10/26–10/27	L
65	98-53	–	10.1	159.5	10/26–10/27	L
66	98-54	–	5.5	157.3	10/28–10/31	L
67	98-55	–	5.5	157.3	11/06–11/07	L
68	9813	CHIP	9.9	121.4	11/09–11/16	STS
69	9814	DAWN	10.1	111.3	11/16–11/20	TS
70	98-56	–	8.8	133.7	11/18–11/20	L
71	98-57	–	18.9	129.2	11/20–11/22	L
72	98-58	–	5.5	130.4	11/20–11/22	L
73	98-59	–	12.3	109.0	11/21–11/23	L
74	9815	ELVIS	12.3	123.6	11/23–11/27	TS
75	98-60	–	6.6	156.2	11/23–11/28	L
76	98-61	–	20.2	122.5	11/26–11/28	L
77	98-62	–	17.5	125.5	11/28–11/30	L
78	98-63	–	14.0	152.0	11/30–12/02	L
79	98-64	–	5.5	144.9	12/01–12/07	L
80	98-65	–	3.3	134.8	12/02–12/03	L
81	9816	FAITH	8.8	173.1	12/02–12/15	T
82	9817	GIL	4.4	111.4	12/09–12/13	TS
83	98-66	–	4.4	134.8	12/10–12/12	L
84	98-67	26W	6.6	132.6	12/15–12/19	TD
85	98-68	27W	13.4	113.5	12/19–12/22	TD
86	98-69	–	8.8	114.6	12/21–12/23	L
87	98-70	–	9.9	160.7	12/21–12/25	L
88	98-71	–	4.4	151.7	12/21–12/24	L
89	98-72	–	8.8	142.7	12/21–12/22	L
90	98-73	–	6.6	163.0	12/21–12/27	L
91	98-74	–	8.8	133.7	12/25–12/27	L

2. Northeast Pacific Ocean — 13TC, 3TD, 50TL, 1TW

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	98-1	–	6.5	–95.0	06/04–06/07	L	
2	9801	AGATHA	12.5	–100.0	06/09–06/16	STS	
3	98-2	02 E	11.0	–91.0	06/16–06/22	TD	
4	98-3	–	7.5	–145.0	06/19–06/20	L	
5	9802	BLAS	9.0	–94.0	06/20–07/05	T	
6	98-4	–	6.0	–161.0	06/24–06/27	L	
7	98-5	–	5.0	–155.0	06/25–06/27	L	
8	98-6	–	10.0	–142.0	06/25–06/27	L	
9	98-7	–	13.0	–95.0	06/30–07/04	L	
10	98-8	–	8.0	–175.0	07/02–07/03	L	

11	98-9	-	15.0	-90.0	07/04-07/08	L
12	98-10	-	16.0	-151.0	07/07-07/11	L
13	98-11	-	11.0	-91.0	07/08-07/11	L
14	98-12	-	9.0	-136.0	07/11-07/12	L
15	98-13	-	19.0	-113.0	07/12-07/13	L
16	9803	CELIA	13.0	-95.0	07/13-07/23	STS
17	98-14	-	6.0	-166.0	07/14-07/16	L
18	98-15	-	10.0	-146.0	07/14-07/15	L
19	98-16	-	12.0	-150.0	07/15-07/16	L
20	9804	DARBY	13.0	-105.0	07/21-08/02	T
21	9805	ESTELLE	14.0	-100.0	07/28-08/14	T
22	98-17	-	10.0	-161.0	07/31-08/01	L
23	9806	FRANK	9.0	-100.0	08/03-08/13	TS
24	98-18	-	13.0	-147.0	08/06-08/07	L
25	9807	GEORGETTE	10.4	-104.0	08/10-08/19	T
26	98-19	-	9.0	-160.0	08/12-08/15	L
27	98-20	01 C	13.0	-135.0	08/12-08/19	TD
28	98-21	-	12.0	-97.0	08/16-08/20	L
29	9808	HOWARD	11.0	-92.0	08/18-09/02	T
30	98-22	-	12.0	-139.0	08/18-08/20	L
31	98-23	-	7.0	-142.0	08/19-08/20	L
32	98-24	-	15.0	-114.1	08/20-08/24	L
33	98-25	-	10.0	-160.0	08/22-08/24	L
34	9809	ISIS	12.0	-102.0	08/24-09/04	T
35	98-26	-	14.0	-137.0	08/26-08/27	L
36	98-27	-	12.0	-151.0	08/27-08/30	L
37	98-28	-	11.0	-165.0	08/27-08/30	L
38	9810	JAUIER	15.0	-97.0	09/04-09/12	TS
39	98-29	-	13.0	-165.0	09/04-09/05	L
40	98-30	-	16.0	-165.0	09/20-09/24	L
41	98-31	-	14.0	-157.0	09/20-09/23	L
42	98-32	-	15.0	-145.0	09/27-09/30	L
43	98-33	-	15.0	-124.0	09/29-09/30	L
44	98-34	-	9.0	-157.0	09/29-09/30	L
45	98-35	-	8.0	-177.0	09/29-10/01	L
46	98-36	12 E	18.0	-106.0	09/30-10/05	TD
47	98-37	-	11.0	-92.0	09/30-10/01	L
48	98-38	-	9.0	-95.0	10/05-10/08	L
49	98-39	-	15.0	-153.0	10/07-10/09	L
50	98-40	-	12.0	-165.0	10/07-10/09	L
51	98-41	-	12.0	-91.0	10/08-10/14	L
52	98-42	-	12.0	-123.0	10/09-10/10	L
53	9811	KAY	13.0	-117.0	10/10-10/18	T
54	98-43	-	12.0	-129.0	10/13-10/14	L
55	9812	LESTER	10.0	-90.0	10/13-10/30	T
56	98-44	-	12.5	-171.5	10/13-10/16	L
57	9813	MADLINE	16.0	-104.0	10/13-10/21	T
58	98-45	-	9.0	-93.0	10/24-10/26	L
59	98-46	-	17.0	-115.0	10/26-10/27	L
60	98-47	-	13.0	-94.0	11/06-11/13	L
61	98-48	-	8.0	-86.0	11/07-11/08	L
62	98-49	-	16.0	-97.0	11/11-11/15	W
63	98-50	-	9.0	-89.0	11/22-11/23	L
64	98-51	-	11.0	-105.0	11/26-11/27	L
65	98-52	-	8.0	-86.0	12/08-12/10	L
66	98-53	-	12.0	-102.0	12/14-12/14	L

67 98-54 – 27.0 –138.0 12/20–12/21 L
3. North Atlantic Ocean — 14TC, 10TL, 20TW page ____

N	Number	Name	Lat	Long	Dates	Max	Stage
1	98-1	–	15.0	–50.0	06/17–06/21	W	
2	98-2	–	15.0	–62.0	06/20–06/22	W	
3	98-3	–	18.0	–82.0	06/21–06/28	L	
4	98-4	–	15.0	–85.0	06/28–07/04	W	
5	98-5	–	18.0	–55.0	07/01–07/08	W	
6	98-6	–	15.0	–55.0	07/06–07/08	W	
7	98-7	–	25.0	–82.0	07/14–07/16	L	
8	98-8	–	15.0	–40.0	07/14–07/17	L	
9	9801	ALEX	12.0	–25.0	07/26–08/03	TS	
10	98-9	–	28.0	–51.0	07/30–08/04	W	
11	98-10	–	17.0	–40.0	07/31–08/06	W	
12	98-11	–	15.0	–25.0	08/10–08/11	W	
13	98-12	–	15.0	–40.0	08/10–08/11	W	
14	9802	BONNIE	14.0	–40.0	08/17–08/30	T	
15	98-13	–	25.0	–70.0	08/17–08/18	L	
16	98-14	–	25.0	–64.0	08/18–08/24	W	
17	98-15	–	19.0	–65.0	08/18–08/20	L	
18	9803	CHARLEY	24.0	–89.0	08/18–08/22	STS	
19	9804	EARL	11.0	–30.0	08/19–09/03	T	
20	9805	DANIELLE	11.0	–22.0	08/21–09/05	T	
21	98-16	–	8.0	–37.0	08/27–09/05	L	
22	98-17	–	10.0	–18.0	08/27–09/05	L	
23	98-18	–	17.0	–14.0	09/01–09/05	W	
24	9806	FRANCES	25.0	–95.0	09/08–09/15	STS	
25	9807	GEORGES	9.0	–25.9	09/15–10/01	T	
26	9808	HERMINE	26.5	–92.1	09/17–09/21	TS	
27	9809	IVAN	12.0	–24.0	09/17–09/27	T	
28	9810	JEANNE	11.0	–19.0	09/21–10/01	T	
29	9811	KARL	33.3	–61.5	09/23–09/28	T	
30	98-19	–	18.0	–71.0	09/27–10/01	W	
31	98-20	–	16.0	–24.5	09/27–10/13	L	
32	9812	LISA	17.0	–23.0	09/30–10/10	T	
33	98-21	–	12.0	–20.0	10/05–10/09	W	
34	98-22	–	12.0	–37.0	10/06–10/23	L	
35	98-23	–	8.0	–25.5	10/11–10/23	W	
36	98-24	–	8.0	–21.0	10/12–10/13	L	
37	98-25	–	13.0	–16.0	10/14–10/29	W	
38	9813	MITCH	17.0	–67.0	10/19–11/07	T	
39	98-26	–	11.0	–21.0	10/22–10/29	W	
40	98-27	–	13.0	–17.0	10/27–11/04	W	
41	98-28	–	13.0	–44.0	11/03–11/10	W	
42	98-29	–	15.0	–83.0	11/09–11/15	W	
43	98-30	–	21.0	–65.0	11/12–11/18	W	
44	9814	NICOLE	26.0	–48.5	11/23–12/03	T	

4. North Indian Ocean — 8TC, 20TL page ____

N	Number	Name	Lat	Long	Dates	Max	Stage
1	98-1	–	4.4	75.2	04/07–04/08	L	
2	9801	01B	1.1	85.3	05/13–05/21	T	
3	9802	02A	14.7	58.8	05/27–05/30	TS	
4	9803	03A	8.0	69.0	05/31–06/10	T	
5	98-2	–	15.6	88.6	06/12–06/14	L	

6	98-3	–	14.5	90.9	06/14–06/15	L
7	98-4	–	15.6	81.9	09/27–09/28	L
8	9804	04A	18.9	67.3	09/29–10/02	TS
9	98-5	–	11.2	98.7	10/04–10/05	L
10	98-6	–	12.3	86.4	10/05–10/07	L
11	98-7	–	13.4	72.9	10/06–10/10	L
12	9805	05A	15.6	65.5	10/11–10/19	TS
13	98-8	–	15.6	82.0	10/13–10/14	L
14	98-9	–	13.4	88.6	10/26–10/30	L
15	98-10	–	15.7	83.0	10/29–10/30	L
16	98-11	–	12.3	96.5	10/30–10/30	L
17	98-12	–	10.1	89.7	11/01–11/04	L
18	98-13	–	13.4	71.8	11/03–11/04	L
19	98-14	–	11.2	85.3	11/04–11/07	L
20	98-15	–	11.2	68.4	11/08–11/14	L
21	98-16	–	10.1	95.4	11/08–11/09	L
22	9806	06B	12.3	88.6	11/11–11/17	T
23	98-17	–	9.9	55.0	11/14–11/16	L
24	9807	07B	10.1	102.3	11/17–11/23	T
25	98-18	–	16.7	70.7	11/17–11/18	L
26	9808	08A	9.9	79.6	12/07–12/18	T
27	98-19	–	7.7	73.0	12/18–12/20	L
28	98-20	–	5.5	78.5	12/30–01/02	L

5. South Indian Ocean — 20TC, 5TD, 64TL

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	98-1	–	–21.3	89.7	01/03–01/05	L	
2	98-2	–	–7.7	43.7	01/13–01/15	L	
3	9801	13S	–13.4	42.6	01/16–01/23	TS	
4	98-3	–	–11.2	75.2	01/17–01/18	L	
5	9802	TIFFANY	–16.7	125.8	01/22–01/31	T	
6	98-4	–	–7.7	56.1	01/24–01/25	L	
7	98-5	–	–14.6	131.1	01/28–01/29	L	
8	98-6	–	–18.9	105.6	01/31–02/02	L	
9	9803	21S	–16.8	36.6	01/31–02/10	TS	
10	98-7	–	–11.2	65.1	01/31–02/02	L	
11	98-8	–	–8.8	77.4	02/03–02/05	L	
12	9804	VICTOR	–13.4	134.8	02/04–02/19	T	
13	98-9	–	–11.2	85.3	02/05–02/06	L	
14	9805	ANACELLE	–12.7	64.5	02/05–02/14	T	
15	9806	BELTANE	–18.9	44.8	02/13–02/19	TS	
16	9807	24S	–15.6	70.7	02/13–02/19	TS	
17	98-10	–	–14.5	53.8	02/16–02/18	L	
18	98-11	–	–21.3	50.5	02/19–02/28	TD	
19	98-12	–	–10.1	93.2	02/20–02/22	L	
20	98-13	–	–13.4	78.5	02/22–02/23	L	
21	98-14	–	–19.0	41.5	02/23–02/27	L	
22	98-15	–	–7.7	71.8	02/23–02/26	L	
23	98-16	–	–10.1	61.7	02/26–02/28	L	
24	98-17	–	–27.0	59.2	02/27–02/27	L	
25	98-18	–	–14.0	68.0	02/28–03/01	L	
26	9808	ELSIE	–11.2	101.2	03/03–03/18	T	
27	98-19	–	–10.1	93.2	03/04–03/06	L	
28	9809	DONALINE	–13.4	62.8	03/04–03/11	STS	
29	98-20	–	–10.1	55.0	03/09–03/10	L	
30	98-21	–	–15.6	113.5	03/12–03/13	L	

31	9810	FIONA	-11.2	65.1	03/13-03/21	TS
32	98-22	-	-13.4	54.9	03/14-03/16	L
33	98-23	-	-16.7	110.2	03/16-03/18	L
34	98-24	-	-6.6	45.9	03/19-03/20	L
35	98-25	-	-17.8	101.2	03/19-03/20	L
36	98-26	-	-11.0	104.0	03/20-03/22	L
37	98-27	-	-13.4	72.9	03/23-03/25	L
38	98-28	-	-9.9	52.7	03/24-03/29	L
39	98-29	-	-13.4	76.3	03/26-03/27	L
40	98-30	-	-13.4	73.0	03/31-04/02	L
41	98-31	-	-8.8	54.9	04/01-04/02	L
42	98-32	-	-16.7	61.7	04/01-04/02	L
43	9811	33S	-6.6	64.0	04/01-04/08	TS
44	9812	GEMMA	-12.3	72.9	04/04-04/15	T
45	98-33	-	-11.1	51.6	04/04-04/10	TD
46	98-34	-	-14.5	58.3	04/11-04/18	TD
47	9813	35S	-9.9	135.9	04/15-04/20	TS
48	9814	34S	-13.4	91.0	04/16-04/23	TS
49	98-35	-	-10.1	99.8	04/19-04/21	L
50	98-36	-	-4.4	90.9	04/20-04/21	L
51	98-37	-	-13.4	55.0	04/24-04/25	L
52	98-38	-	-5.0	85.0	04/28-04/29	L
53	98-39	-	-3.3	78.5	04/30-05/04	L
54	98-40	-	-10.1	98.7	04/30-05/02	L
55	98-41	-	-7.7	48.2	05/01-05/02	L
56	98-42	-	-8.8	56.1	05/02-05/03	L
57	98-43	-	-5.5	42.6	05/04-05/04	L
58	98-44	-	-5.5	65.1	05/05-05/08	L
59	98-45	-	-5.5	44.8	05/08-05/09	L
60	98-46	-	-5.5	60.6	05/09-05/09	L
61	98-47	-	-8.8	83.1	05/14-05/18	L
62	98-48	-	-15.6	75.2	05/14-05/16	L
63	98-49	-	-10.1	91.0	05/20-05/25	L
64	98-50	-	-8.8	57.2	05/21-05/28	L
65	98-51	-	-8.8	94.3	05/27-05/28	L
66	98-52	-	-8.8	102.3	06/12-06/13	L
67	98-53	01S	-6.6	83.1	07/19-07/25	TD
68	98-54	-	-6.0	71.0	08/12-08/18	L
69	98-55	-	-9.9	72.9	08/25-08/28	L
70	98-56	-	-7.7	90.0	09/02-09/05	TD
71	9815	02S	-8.8	93.2	09/21-10/03	TS
72	98-57	-	-9.1	78.6	09/29-09/30	L
73	9816	ZELIA	-10.8	91.9	10/06-10/11	TS
74	98-58	-	-8.1	104.5	10/20-10/22	L
75	98-59	-	-6.6	75.2	10/23-10/25	L
76	98-60	-	-11.2	92.1	10/28-10/29	L
77	98-61	-	-9.9	86.4	10/29-10/30	L
78	98-62	-	-8.8	102.3	11/01-11/02	L
79	9817	ALISON	-9.9	92.1	11/05-11/13	T
80	98-63	-	-14.5	114.6	11/21-11/24	L
81	98-64	-	-5.5	71.8	11/22-11/26	L
82	98-65	-	-8.8	95.4	11/30-12/09	L
83	9818	BILLY	-14.5	120.3	12/01-12/07	T
84	9819	THELMA	-10.1	135.9	12/02-12/17	T
85	9820	CATHY	-9.9	98.7	12/12-12/28	TS
86	98-66	-	-10.1	128.1	12/17-12/18	L

87	98-67	–	–11.2	133.0	12/25–12/26	L
88	98-68	–	–14.5	124.0	12/25–12/26	L
89	98-69	–	–10.1	58.3	12/31–01/02	L

6. Southwest Pacific Ocean — 16TC, 6TD, 27TL**page** _____

N	Number	Name	Lat	Long	Dates	Max	Stage
1	9801	RON	–9.0	–165.5	01/01–01/10	T	
2	9802	KATRINA	–14.5	151.7	01/01–01/24	T	
3	98-1	–	–15.6	137.1	01/03–01/05	L	
4	98-2	–	–15.7	141.0	01/04–01/11	TD	
5	98-3	–	–8.0	–162.0	01/07–01/07	L	
6	98-4	–	–17.8	–178.6	01/14–01/15	L	
7	9803	LES	–16.7	141.6	01/20–02/03	STS	
8	98-5	–	–19.0	151.7	01/25–01/29	L	
9	9804	TUI	–11.8	–173.5	01/25–01/28	TS	
10	9805	VELI	–14.0	–151.5	01/30–02/08	STS	
11	9806	URSULA	–15.7	–150.3	01/30–02/02	T	
12	9807	WES	–12.5	–173.0	01/31–02/05	TS	
13	98-6	–	–13.4	146.1	02/01–02/04	L	
14	98-7	–	–10.1	–165.3	02/10–02/15	TD	
15	98-8	–	–13.2	149.9	02/13–02/17	L	
16	98-9	–	–18.9	158.4	02/18–02/20	L	
17	9808	MAY	–11.2	137.1	02/24–02/27	TS	
18	98-10	–	–13.4	158.4	02/26–03/02	TD	
19	98-11	–	–13.0	–151.5	02/28–03/01	TD	
20	98-12	–	–11.0	164.3	02/28–03/06	TD	
21	98-13	–	–8.6	155.5	03/01–03/02	TD	
22	98-14	–	–18.8	139.3	03/02–03/07	L	
23	98-15	–	–5.5	163.0	03/04–03/05	L	
24	98-16	–	–20.2	170.8	03/11–03/13	L	
25	98-17	–	–12.3	148.3	03/13–03/15	L	
26	9809	YALI	–11.2	174.2	03/16–03/27	T	
27	9810	NATHAN	–12.0	145.0	03/18–03/31	T	
28	9811	ZUMAN	–16.7	173.1	03/26–04/06	T	
29	98-18	–	–12.3	140.5	04/01–04/03	L	
30	98-19	–	–6.0	175.0	04/04–04/07	L	
31	9812	ALAN	–14.2	–158.6	04/19–04/27	TS	
32	9813	BART	–16.0	–140.0	04/29–05/02	TS	
33	98-20	–	–6.6	170.0	04/29–05/02	L	
34	98-21	–	–6.6	152.8	04/30–05/02	L	
35	98-22	–	–25.7	156.2	06/12–06/13	L	
36	98-23	–	–7.7	174.2	08/08–08/11	L	
37	98-24	–	–17.8	149.4	11/19–11/22	L	
38	98-25	–	–6.6	157.3	11/26–11/28	L	
39	98-26	–	–8.8	166.3	12/01–12/03	L	
40	98-27	–	–6.6	165.2	12/10–12/13	L	
41	9814	07P	–19.0	156.2	12/14–12/17	TS	
42	9815	08P	–21.0	–152.5	12/21–12/24	TS	
43	9816	CORA	–13.1	–175.5	12/22–12/28	T	
44	98-28	–	–19.0	152.8	12/22–12/24	L	
45	98-29	–	–20.2	164.1	12/22–12/24	L	
46	98-30	–	–15.6	150.6	12/24–12/28	L	
47	98-31	–	–13.0	141.0	12/25–01/02	L	
48	98-32	–	–20.2	175.3	12/27–12/29	L	
49	98-33	–	–15.6	170.0	12/27–12/29	L	

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In Ocean to appear 75 tropical cyclones and 512 tropical disturbances. From this:

1. Northwest Pacific Ocean — 23TC, 10TD, 166TL page _____

N	Number	Name	Lat	Long	Dates	Max	Stage
1	99-1	–	8.8	130.4	01/01–01/02	L	
2	9901	HILDA	6.6	108.9	01/01–01/08	TS	
3	99-2	–	4.4	125.8	01/01–01/05	L	
4	99-3	–	9.9	125.8	01/03–01/04	L	
5	99-4	–	13.4	135.9	01/05–01/07	L	
6	99-5	–	6.6	149.4	01/05–01/07	L	
7	99-6	–	6.6	178.6	01/05–01/07	L	
8	99-7	–	11.2	134.8	01/08–01/10	L	
9	99-8	–	5.5	174.2	01/08–01/11	L	
10	99-9	–	9.9	115.7	01/09–01/14	L	
11	99-10	–	11.2	129.2	01/10–01/14	L	
12	99-11	–	4.4	110.2	01/15–01/16	L	
13	99-12	–	4.4	155.1	01/15–01/16	L	
14	99-13	–	4.4	139.3	01/17–01/20	L	
15	99-14	–	3.3	121.4	01/18–01/20	L	
16	99-15	–	5.5	150.6	01/25–01/31	L	
17	99-16	–	5.5	127.0	01/26–01/31	L	
18	99-17	–	5.5	135.9	01/28–01/30	L	
19	99-18	–	5.5	136.0	02/01–02/02	L	
20	99-19	–	3.3	160.7	02/02–02/04	L	
21	99-20	–	14.5	139.3	02/03–02/04	L	
22	99-21	–	4.4	110.2	02/06–02/08	L	
23	99-22	–	4.4	111.3	02/08–02/11	L	
24	99-23	–	7.7	154.0	02/09–02/12	L	
25	9902	IRIS	8.8	134.8	02/11–02/19	TS	
26	99-24	–	15.6	145.0	02/12–02/13	L	
27	99-25	–	4.4	150.6	02/15–02/17	L	
28	99-26	–	5.5	153.5	02/17–02/18	L	
29	99-27	–	16.2	130.5	02/18–02/20	L	
30	99-28	–	11.8	127.5	02/20–02/21	L	
31	99-29	–	10.1	124.7	02/21–02/22	L	
32	99-30	–	5.5	139.3	02/26–03/08	L	
33	99-31	–	5.5	137.1	03/01–03/02	L	
34	99-32	–	7.7	147.2	03/01–03/02	L	
35	99-33	–	7.7	163.0	03/01–03/02	L	
36	99-34	–	9.9	129.2	03/01–03/05	L	
37	99-35	–	5.5	167.5	03/03–03/05	L	
38	99-36	–	6.6	157.3	03/08–03/10	L	
39	99-37	–	14.5	178.6	03/09–03/10	L	
40	99-38	–	7.7	159.5	03/12–03/13	L	
41	99-39	–	17.8	158.4	03/14–03/16	L	
42	99-40	–	5.5	144.9	03/19–03/21	L	
43	99-41	–	6.6	156.2	03/19–03/22	L	
44	99-42	–	7.7	128.1	03/24–03/29	L	
45	99-43	–	5.5	146.1	03/24–03/27	L	
46	99-44	–	8.8	133.7	03/29–03/30	L	
47	99-45	–	6.6	151.7	03/29–04/04	L	
48	99-46	–	15.5	123.5	03/31–04/01	L	

49	9903	JACOB	8.8	128.1	04/02-04/12	TS
50	99-47	-	7.5	148.2	04/04-04/04	L
51	99-48	-	12.3	117.9	04/06-04/10	L
52	99-49	-	6.5	154.0	04/07-04/07	L
53	99-50	-	5.5	140.5	04/08-04/19	L
54	99-51	-	15.6	124.5	04/12-04/14	L
55	99-52	-	4.5	138.5	04/16-04/19	L
56	99-53	-	4.4	144.4	04/19-04/24	L
57	9904	KATE	8.0	125.6	04/21-04/30	T
58	99-54	-	7.7	155.1	04/22-04/24	L
59	9905	LEO	13.3	112.6	04/25-05/03	T
60	99-55	-	6.6	160.5	04/27-04/28	L
61	99-56	-	8.8	128.1	04/28-04/28	L
62	99-57	-	17.8	137.1	05/01-05/05	L
63	99-58	-	3.5	137.1	05/05-05/08	L
64	9906	MAGGIE	6.6	132.6	05/26-06/07	T
65	99-59	-	7.7	143.1	05/28-05/29	L
66	99-60	-	11.2	115.7	06/01-06/07	L
67	99-61	-	19.0	113.0	06/06-06/08	L
68	99-62	-	3.5	132.5	06/06-06/14	L
69	99-63	-	8.8	143.4	06/11-06/17	L
70	99-64	-	15.0	117.7	06/12-06/13	L
71	99-65	-	6.6	150.6	06/12-06/14	L
72	99-66	-	11.5	153.5	06/12-06/13	L
73	99-67	-	9.9	111.3	06/13-06/15	L
74	99-68	-	17.8	133.7	06/16-06/18	L
75	99-69	-	6.6	143.8	06/17-06/18	L
76	99-70	-	16.7	116.5	06/18-06/20	L
77	99-71	-	5.5	128.1	06/19-06/20	L
78	99-72	-	7.7	136.5	06/21-06/24	L
79	99-73	-	6.6	148.3	06/23-06/24	L
80	99-74	-	9.9	133.7	06/26-06/28	L
81	99-75	-	16.7	143.8	06/27-06/29	L
82	99-76	-	9.9	128.1	06/28-06/30	L
83	99-77	-	16.7	145.0	07/01-07/04	L
84	99-78	-	15.6	133.7	07/01-07/03	L
85	99-79	-	12.5	139.3	07/04-07/06	L
86	99-80	-	19.5	160.7	07/06-07/09	L
87	99-81	-	25.7	130.5	07/09-07/13	L
88	99-82	-	19.0	149.5	07/09-07/11	L
89	99-83	07 W	23.5	155.1	07/13-07/18	TD
90	99-84	-	21.3	140.5	07/17-07/20	L
91	9907	NEIL	18.4	124.5	07/19-07/28	TS
92	99-85	08 W	21.0	135.0	07/19-07/23	TD
93	99-86	10 W	15.4	117.5	07/21-07/27	TD
94	9908	OLGA	7.7	144.9	07/24-08/03	T
95	99-87	-	8.1	152.9	07/28-08/02	L
96	99-88	-	19.5	143.8	07/29-07/30	L
97	9909	PAUL	11.0	143.7	08/01-08/08	STS
98	99-89	-	18.5	165.2	08/03-08/06	L
99	9910	RACHEL	17.7	112.9	08/03-08/10	TS
100	99-90	14 W	19.4	129.5	08/04-08/11	TD
101	99-91	-	20.5	109.1	08/07-08/08	L
102	99-92	-	19.0	133.7	08/08-08/09	L
103	99-93	-	14.5	144.9	08/08-08/09	L
104	99-94	-	20.5	125.2	08/09-08/13	L

105	99-95	–	16.8	164.5	08/09–08/10	L
106	99-96	–	7.7	155.1	08/10–08/13	L
107	99-97	–	12.3	129.5	08/10–08/12	L
108	99-98	–	24.6	150.6	08/12–08/13	L
109	99-99	15 W	30.9	127.9	08/16–08/18	TD
110	9911	SAM	16.7	130.4	08/17–08/23	T
111	99-100	–	11.2	179.9	08/18–08/21	L
112	9912	TANYA	29.4	179.7	08/19–08/24	T
113	99-101	–	29.0	128.7	08/19–08/19	L
114	99-102	18 W	29.1	153.9	08/19–08/24	TD
115	99-103	–	5.5	156.5	08/19–08/20	L
116	9913	VIRGIL	27.1	140.2	08/23–08/29	T
117	99-104	–	13.4	129.0	08/23–08/24	L
118	99-105	–	11.2	120.3	08/24–08/27	L
119	99-106	–	7.3	130.4	08/25–08/27	L
120	99-107	–	7.7	170.5	08/27–08/28	L
121	9914	WENDY	11.0	137.0	08/29–09/08	TS
122	99-108	–	18.5	144.5	08/30–09/01	L
123	99-109	–	5.5	158.4	08/30–09/01	L
124	99-110	–	12.3	168.5	08/30–09/05	L
125	99-111	–	11.5	179.9	08/30–09/01	L
126	99-112	–	13.4	164.1	09/03–09/06	L
127	99-113	–	12.3	144.3	09/04–09/05	L
128	99-114	–	12.2	155.1	09/04–09/05	L
129	99-115	–	6.6	149.4	09/04–09/11	L
130	99-116	–	11.2	111.3	09/05–09/08	L
131	99-117	–	22.4	136.0	09/05–09/06	L
132	99-118	–	18.9	128.1	09/05–09/06	L
133	99-119	–	20.2	121.4	09/07–09/09	L
134	9915	YORK	15.5	127.7	09/08–09/17	T
135	9916	ZIA	15.5	147.2	09/09–09/15	TS
136	9917	ANN	22.0	136.0	09/12–09/20	TS
137	99-120	–	13.7	141.7	09/14–09/15	L
138	99-121	–	10.1	179.7	09/14–09/15	L
139	99-122	–	24.3	128.3	09/14–09/15	L
140	9918	BART	21.5	129.2	09/15–09/26	T
141	99-123	–	20.3	143.5	09/16–09/20	L
142	99-124	–	8.8	147.2	09/17–09/18	L
143	99-125	–	19.5	116.8	09/18–09/20	L
144	99-126	–	6.6	157.5	09/18–09/19	L
145	99-127	–	7.7	172.0	09/18–09/19	L
146	99-128	–	15.1	140.5	09/21–09/23	L
147	9919	CAM	17.8	113.5	09/22–09/26	TS
148	99-129	–	11.3	139.5	09/23–09/27	L
149	99-130	–	11.2	162.9	09/24–09/25	L
150	99-131	–	12.3	135.0	09/25–09/28	L
151	99-132	–	19.0	116.8	09/26–09/28	L
152	99-133	–	9.9	142.7	09/28–09/29	L
153	99-134	–	21.3	144.9	09/28–09/30	L
154	99-135	–	17.8	152.8	09/28–09/30	L
155	99-136	–	6.6	112.4	09/29–09/30	L
156	99-137	–	7.7	161.8	09/29–10/01	L
157	9920	DAN	15.6	135.9	10/01–10/11	T
158	99-138	–	11.2	149.4	10/02–10/03	L
159	99-139	–	25.7	143.2	10/06–10/09	L
160	99-140	–	28.7	137.4	10/08–10/09	L

161	99-141	–	21.5	155.1	10/09–10/11	L
162	99-142	–	9.9	120.3	10/10–10/12	L
163	99-143	–	9.9	110.2	10/12–10/13	L
164	9921	EVE	12.3	149.4	10/12–10/20	TS
165	99-144	–	14.5	130.4	10/12–10/14	L
166	99-145	–	10.1	135.9	10/18–10/20	L
167	99-146	–	18.9	149.4	10/21–10/22	L
168	99-147	–	7.7	160.7	10/21–10/22	L
169	99-148	–	9.9	120.5	10/21–10/23	L
170	99-149	–	6.6	143.8	10/22–10/23	L
171	99-150	–	9.9	120.3	10/25–10/27	L
172	99-151	–	12.5	169.6	10/27–10/28	L
173	99-152	–	8.8	132.2	10/28–10/30	L
174	99-153	–	14.5	110.7	10/28–10/29	L
175	99-154	–	9.5	114.1	10/30–11/05	L
176	99-155	–	6.5	131.5	11/01–11/04	L
177	9922	FRANKIE	7.7	144.0	11/02–11/10	TS
178	99-156	28 W	16.5	151.5	11/03–11/07	TD
179	99-157	–	9.2	158.7	11/08–11/13	L
180	99-158	–	16.7	138.2	11/10–11/15	L
181	9923	GLORIA	13.5	132.6	11/10–11/16	T
182	99-159	–	17.8	152.8	11/13–11/14	L
183	99-160	–	16.7	169.6	11/18–11/20	L
184	99-161	–	15.4	132.6	11/18–11/20	L
185	99-162	–	11.2	112.4	11/18–11/22	L
186	99-163	–	15.5	131.5	11/23–11/26	L
187	99-164	–	16.7	140.5	11/23–11/24	L
188	99-165	–	24.6	143.8	11/24–11/24	L
189	99-166	31 W	9.9	126.5	11/28–12/06	TD
190	99-167	–	24.6	172.0	11/28–12/02	L
191	99-168	–	4.5	140.5	12/02–12/04	L
192	99-169	32 W	7.0	139.0	12/04–12/11	TD
193	99-170	–	15.6	130.4	12/07–12/09	L
194	99-171	–	7.5	150.6	12/07–12/10	L
195	99-172	33 W	5.0	132.6	12/11–12/16	TD
196	99-173	–	5.0	142.7	12/13–12/14	L
197	99-174	–	6.5	112.4	12/16–12/21	L
198	99-175	–	5.0	167.4	12/16–12/17	L
199	99-176	–	5.0	112.4	12/22–12/27	L

2. Northeast Pacific Ocean — 9TC, 6TD, 46TL, 22TW

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	99-1	–	7.0	–122.0	01/03–01/05	L	
2	99-2	–	26.0	–141.0	01/04–01/05	L	
3	99-3	–	26.0	–138.0	01/12–01/12	L	
4	99-4	–	7.0	–98.0	01/16–01/17	L	
5	99-5	–	7.0	–108.0	01/16–01/18	L	
6	99-6	–	7.0	–93.0	04/19–04/19	L	
7	99-7	–	9.0	–82.0	04/24–04/26	L	
8	99-8	–	17.5	–138.6	05/01–05/01	TD	
9	99-9	–	11.0	–110.0	05/07–05/11	L	
10	99-10	–	11.0	–104.0	05/13–05/14	L	
11	99-11	–	10.5	–93.0	05/14–05/16	L	
12	99-12	–	9.5	–113.0	05/18–05/19	L	
13	99-13	–	15.0	–118.0	05/20–05/22	W	
14	99-14	–	6.0	–87.0	06/01–06/10	W	

15	99-15	–	12.0	–123.0	06/04–06/07	W
16	99-16	–	15.0	–86.0	06/06–06/10	L
17	99-17	–	15.0	–87.0	06/10–06/17	W
18	99-18	–	15.0	–108.0	06/10–06/15	W
19	99-19	–	20.0	–89.0	06/13–06/17	W
20	99-20	–	12.0	–97.0	06/14–06/14	L
21	9901	ADRIAN	13.0	–94.0	06/16–06/23	T
22	99-21	–	6.0	–90.0	06/20–06/23	W
23	99-22	–	9.0	–95.0	06/21–06/24	L
24	99-23	–	9.0	–87.0	06/22–06/26	L
25	99-24	–	7.0	–95.0	06/26–07/02	W
26	99-25	–	15.0	–86.0	06/26–06/29	L
27	99-26	–	5.0	–87.0	06/27–06/29	W
28	99-27	–	9.0	–138.0	06/28–07/02	L
29	99-28	–	8.0	–87.0	06/30–07/01	W
30	99-29	–	14.0	–94.0	06/30–07/02	L
31	99-30	–	21.0	–93.0	07/01–07/04	W
32	99-31	–	10.0	–89.0	07/05–07/09	W
33	99-32	–	24.0	–111.0	07/06–07/08	L
34	9902	BEATRIZ	12.0	–99.0	07/08–07/18	T
35	99-33	–	8.0	–89.0	07/11–07/12	W
36	99-34	03 E	16.0	–91.0	07/12–07/17	TD
37	99-35	–	12.0	–110.0	07/15–07/20	L
38	99-36	04 E	10.0	–119.0	07/20–07/25	TD
39	99-37	–	14.0	–102.0	07/20–07/22	L
40	9903	CALVIN	9.0	–94.0	07/22–07/29	TS
41	99-38	06 E	12.0	–125.0	07/26–07/29	TD
42	99-39	–	6.0	–95.0	07/27–07/28	W
43	99-40	–	10.0	–90.0	07/30–08/06	W
44	99-41	–	11.0	–132.0	08/01–08/05	L
45	9904	EUGENE	16.0	–104.0	08/02–08/16	T
46	99-42	–	9.0	–91.0	08/04–08/05	W
47	9905	DORA	11.0	–95.0	08/05–08/23	T
48	99-43	09 E	21.0	–91.0	08/07–08/19	TD
49	99-44	–	33.5	–128.0	08/09–08/11	L
50	9906	FERNANDA	11.5	–112.0	08/16–08/24	STS
51	99-45	–	20.0	–96.0	08/16–08/20	W
52	99-46	11 E	14.0	–107.0	08/19–08/26	TD
53	99-47	–	16.0	–91.0	08/20–08/25	W
54	99-48	–	20.0	–95.0	08/23–08/30	L
55	99-49	–	15.0	–127.0	08/25–08/26	L
56	99-50	–	20.0	–90.0	08/27–09/04	W
57	99-51	–	16.0	–115.0	08/28–08/29	L
58	99-52	–	13.0	–153.0	08/31–09/01	L
59	9907	GREG	12.0	–103.0	08/31–09/11	T
60	99-53	–	11.0	–90.0	09/01–09/05	W
61	99-54	–	14.0	–98.0	09/03–09/04	L
62	99-55	–	6.0	–89.0	09/05–09/07	W
63	99-56	–	30.0	–125.0	09/07–09/10	L
64	99-57	–	13.5	–149.5	09/10–09/11	L
65	9908	HILARY	21.0	–94.0	09/12–09/22	T
66	99-58	–	13.0	–94.0	09/17–09/25	L
67	99-59	–	11.0	–146.0	09/21–09/22	L
68	99-60	–	10.0	–92.5	09/23–09/29	L
69	99-61	–	14.0	–151.0	09/23–09/27	L
70	99-62	–	10.0	–170.0	09/25–09/27	L

71	99-63	–	27.0	–133.0	09/26–09/27	L
72	99-64	–	12.0	–135.0	09/29–09/30	L
73	99-65	–	12.0	–121.0	09/29–09/30	L
74	99-66	–	20.0	–106.0	09/30–10/04	L
75	9909	IRWIN	16.0	–100.0	10/05–10/17	STS
76	99-67	–	7.0	–150.0	10/07–10/09	L
77	99-68	–	12.0	–91.0	10/09–10/14	L
78	99-69	–	13.0	–107.0	10/22–10/23	L
79	99-70	–	11.0	–115.0	10/22–10/28	L
80	99-71	–	9.0	–94.0	10/23–10/24	L
81	99-72	–	8.0	–109.0	10/29–11/02	L
82	99-73	–	31.0	–125.0	11/06–11/07	L
83	99-74	–	15.0	–133.0	11/09–11/09	W

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	99-1	–	10.0	–25.0	05/13–05/22	W	
2	99-2	–	10.0	–15.0	05/17–05/29	W	
3	99-3	–	9.0	–8.0	05/20–05/31	W	
4	99-4	–	12.0	–77.0	05/21–05/24	L	
5	99-5	–	10.0	–20.0	05/25–06/07	W	
6	99-6	–	10.0	–14.0	05/28–06/10	W	
7	99-7	–	25.0	–40.0	05/29–05/30	L	
8	99-8	–	10.0	–15.0	06/01–06/15	W	
9	99-9	–	12.0	–14.0	06/04–06/17	W	
10	99-10	–	25.0	–80.0	06/08–06/10	L	
11	99-11	–	20.0	–63.0	06/08–06/10	L	
12	99-12	–	14.0	–17.0	06/08–06/23	L	
13	9901	ARLENE	30.0	–54.0	06/10–06/18	STS	
14	99-13	–	9.0	–15.0	06/12–06/25	W	
15	99-14	–	12.0	–18.0	06/14–06/26	W	
16	99-15	–	14.0	–20.0	06/17–06/27	W	
17	99-16	–	24.0	–80.0	06/19–06/20	L	
18	99-17	–	14.0	–17.0	06/21–07/05	TD	
19	99-18	–	11.0	–14.0	06/24–07/02	W	
20	99-19	–	18.0	–27.0	06/28–06/30	L	
21	99-20	–	12.0	–59.0	06/28–07/04	W	
22	99-21	–	4.0	–19.0	06/29–07/09	W	
23	99-22	–	15.0	–40.0	06/29–07/06	W	
24	99-23	–	17.0	–18.0	07/03–07/12	W	
25	99-24	–	8.0	–36.0	07/05–07/07	L	
26	99-25	–	20.0	–18.0	07/05–07/16	W	
27	99-26	–	11.0	–18.0	07/05–07/10	L	
28	99-27	–	15.0	–75.0	07/09–07/12	L	
29	99-28	–	15.0	–20.0	07/11–07/21	W	
30	99-29	–	24.0	–86.0	07/14–07/18	W	
31	99-30	–	15.0	–18.0	07/14–07/28	W	
32	99-31	–	20.0	–21.0	07/19–07/31	W	
33	99-32	–	18.0	–19.0	07/19–07/22	L	
34	99-33	–	10.0	–18.0	07/23–08/04	W	
35	99-34	–	19.0	–17.0	07/28–08/09	W	
36	99-35	–	12.0	–31.0	07/29–08/01	L	
37	99-36	–	19.0	–22.0	08/01–08/13	W	
38	99-37	–	11.0	–19.0	08/03–08/06	L	
39	9902	BRET	18.0	–28.0	08/06–08/24	T	
40	99-38	–	15.0	–36.0	08/08–08/10	L	

41	99-39	–	21.0	–19.0	08/10–08/23	W
42	99-40	–	21.0	–56.0	08/13–08/20	W
43	99-41	–	20.0	–17.0	08/13–08/26	W
44	99-42	–	20.0	–19.0	08/16–08/29	W
45	9903	CINDY	13.0	–18.0	08/18–08/31	T
46	9904	EMILY	10.0	–42.0	08/21–08/28	STS
47	99-43	–	12.0	–16.0	08/22–08/23	L
48	9905	DENNIS	21.0	–69.0	08/23–09/05	T
49	99-44	–	21.0	–20.0	08/24–09/10	W
50	99-45	–	11.0	–32.0	08/26–08/30	L
51	99-46	–	14.0	–20.0	08/29–09/05	L
52	99-47	–	18.0	–75.0	08/29–09/03	W
53	99-48	–	17.0	–21.0	08/30–09/14	W
54	99-49	–	18.0	–65.0	08/31–09/07	TD
55	99-50	–	15.0	–15.0	09/02–09/07	W
56	9906	FLOYD	9.0	–15.0	09/02–09/18	T
57	99-51	–	18.0	–19.0	09/06–09/18	W
58	99-52	–	12.0	–18.0	09/07–09/12	L
59	99-53	–	7.0	–40.0	09/09–09/10	L
60	9907	GERT	12.0	–16.0	09/10–09/23	T
61	9908	HARVEY	19.0	–74.0	09/15–09/22	STS
62	99-54	–	20.0	–31.0	09/17–09/28	W
63	99-55	–	20.0	–13.0	09/17–09/29	W
64	99-56	–	13.0	–17.0	09/17–09/19	L
65	99-57	–	20.0	–18.0	09/20–10/04	W
66	99-58	–	14.0	–28.0	09/23–09/24	L
67	99-59	–	17.0	–86.0	09/24–09/26	L
68	99-60	–	20.0	–16.0	09/24–09/28	W
69	99-61	–	20.0	–35.0	09/26–10/04	W
70	99-62	–	15.0	–81.0	09/30–10/08	TD
71	99-63	–	19.0	–20.0	09/30–10/05	W
72	99-64	–	13.0	–39.0	10/04–10/10	TD
73	99-65	–	14.0	–23.0	10/04–10/15	W
74	99-66	–	5.0	–23.0	10/04–10/11	L
75	99-67	–	16.0	–19.0	10/08–10/14	W
76	99-68	–	10.0	–19.0	10/08–10/11	L
77	9909	IRENE	13.0	–79.0	10/11–10/19	T
78	99-69	–	18.0	–38.0	10/14–10/17	W
79	9910	JOSE	9.0	–41.0	10/15–10/25	T
80	99-70	–	10.0	–36.0	10/16–10/24	L
81	99-71	–	12.0	–23.0	10/16–10/20	W
82	99-72	–	15.0	–23.0	10/19–10/23	W
83	99-73	–	11.0	–44.0	10/19–10/24	L
84	99-74	–	12.0	–19.0	10/20–10/29	W
85	99-75	–	13.0	–17.0	10/24–10/25	W
86	99-76	–	17.0	–31.0	10/26–11/03	W
87	99-77	–	21.0	–63.0	10/26–10/27	L
88	99-78	–	6.0	–39.0	10/26–10/28	L
89	9911	KATRINA	15.0	–80.0	10/26–11/01	TS
90	99-79	–	16.0	–40.0	10/31–11/04	W
91	99-80	–	18.0	–54.0	10/31–11/04	W
92	99-81	–	16.0	–58.0	11/01–11/02	L
93	99-82	–	12.0	–30.0	11/03–11/04	W
94	99-83	–	10.0	–51.0	11/04–11/06	W
95	99-84	–	10.0	–29.0	11/06–11/12	W
96	9912	LENNY	12.0	–80.0	11/08–11/25	T

97	99-85	–	22.0	–73.0	11/13–11/17	L
98	99-86	–	19.0	–66.0	11/22–11/27	L
99	99-87	–	10.0	–80.0	12/18–12/20	L

4. North Indian Ocean — 5TC, 1TD, 48TL

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	99-1	–	5.5	80.8	01/02–01/04	L	
2	99-2	–	5.5	78.5	01/24–01/27	L	
3	9901	01 B	5.5	92.1	01/27–02/05	TS	
4	99-3	–	6.6	65.1	02/03–02/04	L	
5	99-4	–	4.4	76.3	02/07–02/08	L	
6	99-5	–	9.9	94.3	02/13–02/21	L	
7	99-6	–	5.5	78.5	02/28–03/04	L	
8	99-7	–	4.4	82.0	03/02–03/03	L	
9	99-8	–	4.4	87.5	03/06–03/09	L	
10	99-9	–	8.8	65.1	03/17–03/18	L	
11	99-10	–	4.4	54.9	03/21–03/22	L	
12	99-11	–	5.5	86.1	04/02–04/06	L	
13	99-12	–	5.5	85.3	04/07–04/10	L	
14	99-13	–	12.3	92.6	04/12–04/14	L	
15	99-14	–	13.4	83.1	04/15–04/25	L	
16	99-15	–	6.6	91.0	04/18–04/19	L	
17	99-16	–	13.5	75.5	04/22–04/23	L	
18	99-17	–	9.9	96.5	04/24–04/25	L	
19	99-18	–	12.5	93.3	04/26–04/30	L	
20	99-19	–	12.7	88.6	05/01–05/02	L	
21	99-20	–	11.2	83.1	05/04–05/07	L	
22	99-21	–	15.6	92.6	05/06–05/07	L	
23	9902	02 A	12.3	73.0	05/10–05/22	T	
24	99-22	–	7.7	55.0	05/15–05/18	L	
25	99-23	–	5.5	87.5	05/18–05/28	L	
26	99-24	–	9.9	73.6	05/20–05/22	L	
27	99-25	–	10.1	70.6	05/24–05/26	L	
28	9903	03 B	18.5	92.1	06/08–06/11	TS	
29	99-26	–	16.7	89.7	06/14–06/17	L	
30	99-27	–	19.0	70.7	06/21–06/23	L	
31	99-28	–	19.0	89.7	07/26–07/27	L	
32	99-29	–	16.7	90.9	07/31–07/02	L	
33	99-30	–	16.4	87.1	08/16–08/17	L	
34	99-31	–	6.6	76.3	08/17–08/18	L	
35	99-32	–	16.0	86.0	09/06–09/10	L	
36	99-33	–	19.0	90.9	09/18–09/19	L	
37	99-34	–	18.0	67.7	09/30–10/01	L	
38	99-35	–	15.6	73.0	10/03–10/04	L	
39	99-36	–	15.6	65.1	10/07–10/08	L	
40	99-37	–	17.8	61.7	10/10–10/13	L	
41	9904	04 B	13.4	93.2	10/13–10/19	T	
42	99-38	–	12.3	91.0	10/18–10/19	L	
43	99-39	–	7.5	91.0	10/21–10/23	L	
44	9905	05 B	10.0	100.6	10/24–11/03	T	
45	99-40	–	14.5	83.1	11/04–11/06	L	
46	99-41	–	8.8	88.7	11/08–11/12	L	
47	99-42	–	7.7	81.9	11/16–11/17	L	
48	99-43	–	6.6	86.4	11/17–11/21	L	
49	99-44	–	8.8	57.2	11/26–11/27	L	
50	99-45	–	7.7	72.9	11/27–11/28	L	

51	99-46	–	10.0	62.0	12/01–12/05	TD
52	99-47	–	8.5	93.6	12/06–12/14	L
53	99-48	–	9.9	60.7	12/06–12/08	L
54	99-49	–	4.0	80.8	12/25–12/26	L

5. South Indian Ocean — 16TC, 6TD, 68TL

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	99-1	–	–20.2	35.8	01/01–01/03	L	
2	99-2	–	–22.2	42.0	01/03–01/07	TD	
3	99-3	–	–25.7	68.4	01/07–01/08	L	
4	99-4	–	–6.6	55.0	01/09–01/14	L	
5	99-5	–	–5.5	92.1	01/11–01/14	L	
6	9901	ALDA	–20.2	35.8	01/12–01/19	STS	
7	99-6	–	–22.4	113.5	01/16–01/17	L	
8	99-7	–	–9.9	61.7	01/16–01/24	L	
9	99-8	–	–13.4	79.6	01/16–01/18	L	
10	99-9	–	–7.7	100.1	01/16–01/18	L	
11	99-10	–	–9.9	50.5	01/17–01/18	L	
12	9902	DAMIEN	–13.4	110.2	01/21–01/31	T	
13	99-11	–	–5.5	97.6	01/24–01/27	L	
14	99-12	–	–17.5	122.5	01/28–01/29	L	
15	9903	CHIKITA	–10.5	96.5	01/28–02/05	TS	
16	99-13	–	–7.7	50.5	01/29–02/01	L	
17	9904	18 S	–13.4	118.0	01/29–02/09	TS	
18	99-14	–	–11.5	68.0	02/01–02/08	L	
19	9905	21 S	–21.3	36.9	02/08–02/17	TS	
20	99-15	–	–25.7	45.9	02/11–02/12	L	
21	99-16	–	–4.4	40.4	02/14–02/14	L	
22	99-17	–	–4.4	60.6	02/15–02/16	L	
23	99-18	–	–4.4	–75.2	02/15–02/16	L	
24	99-19	–	–11.5	93.2	02/15–02/18	L	
25	99-20	–	–15.5	112.4	02/15–02/17	L	
26	99-21	–	–16.7	117.9	02/18–02/22	L	
27	99-22	–	–10.1	80.8	02/20–02/22	L	
28	99-23	–	–5.5	58.3	02/21–02/22	L	
29	99-24	23 S	–22.4	37.0	02/21–03/02	TD	
30	99-25	–	–8.8	75.2	02/24–02/25	L	
31	99-26	–	–8.8	69.5	02/26–02/27	L	
32	99-27	–	–17.8	115.7	02/27–03/01	L	
33	9906	DAVINA	–12.3	88.6	02/28–03/19	T	
34	9907	26 S	–12.5	124.7	02/28–03/26	TS	
35	99-28	–	–24.6	50.5	03/01–03/04	L	
36	99-29	–	–22.9	40.4	03/03–03/04	L	
37	99-30	–	–10.1	70.7	03/03–03/04	L	
38	99-31	–	–7.7	51.6	03/08–03/28	TD	
39	9908	29 S	–14.7	86.9	03/11–03/21	TS	
40	99-32	–	–12.3	92.1	03/13–03/23	TD	
41	9909	ELANIE	–13.4	120.3	03/14–03/20	T	
42	9910	VANCE	–11.2	133.7	03/16–03/23	T	
43	99-33	–	–10.7	100.0	03/17–03/21	L	
44	99-34	–	–18.5	70.0	03/20–03/21	L	
45	9911	FREDERIC	–8.0	134.0	03/21–04/11	T	
46	99-35	–	–14.5	42.6	03/22–03/28	L	
47	99-36	–	–12.0	88.6	03/24–03/25	L	
48	99-37	–	–10.1	73.0	03/28–03/31	L	
49	99-38	–	–7.7	54.9	03/29–04/01	L	

50	9912	GWENDA	-10.1	135.9	03/31-04/08	T
51	9913	HAMISH	-8.8	85.3	04/08-04/24	TS
52	99-39	-	-13.4	70.7	04/11-04/13	L
53	99-40	-	-7.7	50.5	04/17-04/19	L
54	99-41	-	-12.5	102.5	04/17-04/18	L
55	99-42	-	-3.3	60.6	04/22-04/29	L
56	99-43	-	-4.4	90.6	05/01-05/04	L
57	99-44	-	-3.3	63.9	05/03-05/06	L
58	99-45	-	-4.4	85.3	05/06-05/08	L
59	99-46	-	-5.5	85.3	05/17-05/19	L
60	99-47	-	-6.6	89.7	06/17-06/19	L
61	99-48	-	-9.9	68.4	06/22-06/23	L
62	99-49	-	-4.4	131.5	06/24-06/25	L
63	99-50	-	-4.4	65.1	06/26-06/27	L
64	99-51	-	-4.4	74.1	06/30-07/02	L
65	99-52	-	-5.5	84.2	07/29-07/30	L
66	99-53	-	-5.0	62.0	09/10-09/13	L
67	99-54	-	-8.8	83.1	09/12-09/14	L
68	99-55	-	-7.7	64.0	09/17-09/18	L
69	99-56	-	-6.6	72.9	09/23-09/25	L
70	99-57	-	-7.7	64.0	09/27-09/28	L
71	99-58	-	-6.6	60.6	09/29-10/04	L
72	99-59	-	-6.6	76.0	10/06-10/11	TD
73	99-60	-	-5.5	75.2	10/19-10/28	TD
74	99-61	-	-8.8	76.3	11/10-11/14	L
75	99-62	-	-7.7	79.6	11/16-11/18	L
76	99-63	-	-7.7	69.5	11/22-11/23	L
77	99-64	-	-6.6	95.4	11/23-11/24	L
78	99-65	-	-9.0	71.0	11/24-11/28	L
79	99-66	-	-5.5	93.2	11/27-11/29	L
80	9914	JOHN	-7.6	127.6	12/07-12/16	T
81	99-67	-	-6.5	129.5	12/09-12/10	L
82	9915	ILSA	-9.4	98.0	12/09-12/17	STS
83	99-68	-	-21.3	40.4	12/13-12/14	L
84	99-69	-	-16.5	42.0	12/16-12/18	L
85	99-70	-	-9.0	72.0	12/19-12/21	L
86	99-71	-	-14.5	124.9	12/20-12/21	L
87	9916	ASTRIDE	-8.0	77.0	12/22-01/03	STS
88	99-72	-	-8.0	92.0	12/23-12/26	L
89	99-73	-	-15.4	120.5	12/29-12/31	L
90	99-74	-	-6.1	87.0	12/29-01/01	L

6. Southwest Pacific Ocean — 10TC, 3TD, 49TL

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N	Number	Name	Lat	Long	Dates	Max	Stage
1	99-1	-	-7.7	160.7	01/02-01/04	L	
2	99-2	-	-12.3	145.0	01/06-01/10	L	
3	99-3	-	-14.5	166.3	01/09-01/13	L	
4	99-4	-	-13.4	138.2	01/10-01/12	L	
5	9901	DANI	-7.7	158.4	01/11-01/23	T	
6	99-5	-	-15.6	139.3	01/13-01/16	L	
7	99-6	-	-10.1	178.6	01/15-01/16	L	
8	9902	OLINDA	-19.0	151.7	01/17-01/25	STS	
9	99-7	-	-17.8	178.6	01/18-01/21	L	
10	9903	PETE	-17.5	150.6	01/20-01/26	STS	
11	9904	16 P	-10.1	133.7	01/21-01/28	TS	
12	99-8	-	-10.1	141.6	01/21-01/22	L	

13	99-9	-	-18.9	155.1	01/25-01/29	L
14	99-10	-	-25.7	170.8	01/27-01/29	TD
15	99-11	-	-13.4	138.2	01/28-01/29	L
16	99-12	-	-12.3	144.9	02/01-02/04	L
17	99-13	-	-24.6	161.8	02/02-02/04	L
18	99-14	-	-13.4	149.4	02/03-02/05	L
19	9905	ELLA	-14.5	161.8	02/05-02/14	TS
20	99-15	-	-14.5	158.4	02/08-02/10	L
21	99-16	-	-13.4	138.2	02/08-02/10	L
22	9906	RONA	-15.6	148.3	02/09-02/13	TS
23	99-17	-	-13.2	160.4	02/09-02/10	L
24	99-18	-	-10.1	142.7	02/10-02/14	L
25	99-19	-	-17.8	153.9	02/12-02/14	L
26	99-20	-	-16.1	146.7	02/13-02/14	L
27	99-21	-	-21.1	155.8	02/13-02/17	L
28	9907	FRANK	-21.3	149.5	02/16-02/24	T
29	99-22	-	-17.3	178.1	02/17-02/19	L
30	99-23	-	-14.5	140.5	02/18-02/23	L
31	99-24	-	-15.6	146.1	02/20-02/22	L
32	99-25	-	-11.2	141.6	02/27-03/01	L
33	9908	GITA	-24.0	-158.0	02/27-03/01	TS
34	99-26	-	-19.0	150.6	03/08-03/13	L
35	99-27	-	-13.4	137.5	03/09-03/10	L
36	99-28	-	-19.0	166.2	03/10-03/11	L
37	9909	HALI	-18.5	-154.5	03/11-03/19	STS
38	99-29	-	-16.5	146.5	03/12-03/18	TD
39	99-30	-	-26.8	167.4	03/14-03/17	L
40	99-31	-	-15.6	153.6	03/19-03/21	L
41	99-32	-	-17.5	156.2	03/19-03/21	L
42	99-33	-	-12.3	146.1	03/20-03/22	L
43	99-34	-	-13.4	139.3	03/28-04/01	L
44	99-35	-	-10.1	136.0	04/03-04/07	L
45	99-36	-	-13.0	145.4	04/08-04/11	L
46	99-37	-	-7.7	136.0	04/12-04/24	TD
47	99-38	-	-16.7	150.5	04/26-04/28	L
48	99-39	-	-12.3	150.6	05/01-05/02	L
49	99-40	-	-13.7	157.3	05/05-05/08	L
50	9910	26 F	-18.9	162.9	05/20-05/22	TS
51	99-41	-	-14.2	156.5	05/26-05/31	L
52	99-42	-	-6.5	135.5	06/22-06/24	L
53	99-43	-	-12.3	171.9	09/19-09/20	L
54	99-44	-	-10.1	138.5	11/23-11/24	L
55	99-45	-	-10.1	155.1	11/26-11/29	L
56	99-46	-	-12.3	145.5	12/01-12/05	L
57	99-47	-	-10.1	136.0	12/07-12/08	L
58	99-48	-	-15.5	155.5	12/12-12/14	L
59	99-49	-	-13.4	139.3	12/22-12/24	L
60	99-50	-	-18.9	150.6	12/25-12/26	L
61	99-51	-	-21.3	152.8	12/27-12/29	L
62	99-52	-	-8.9	167.4	12/31-01/01	L