

72°W

70°W

68°W

66°W

Coast Pilot 1 – Chapter Index

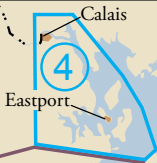
- Chapter 4 – Quoddy Narrows to Calais, Maine
- Chapter 5 – Quoddy Narrows to Petit Manan Island, Maine
- Chapter 6 – Petit Manan Island to Jericho Bay, Maine
- Chapter 7 – Jericho Bay to Penobscot Bay, Maine
- Chapter 8 – Muscongus Bay to Cape Elizabeth, Maine
- Chapter 9 – Cape Elizabeth, Maine to Cape Ann, Massachusetts
- Chapter 10 – Cape Ann to Boston Harbor, Massachusetts
- Chapter 11 – Boston Harbor and Approaches
- Chapter 12 – Minots Ledge to Provincetown, Massachusetts

M A I N E

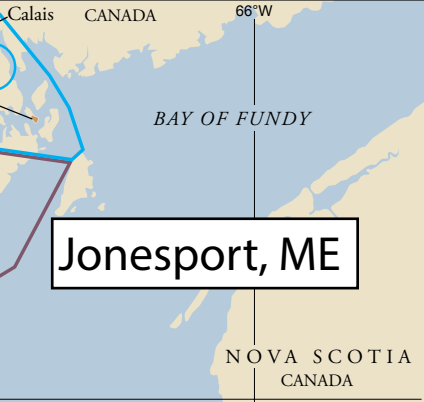
UNITED STATES

CANADA

66°W

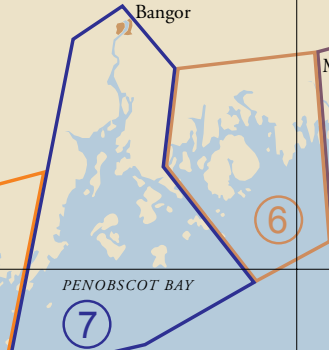


Eastport



Jonesport, ME

NOVA SCOTIA
CANADA



Bangor

Machias

PENOBSCOT BAY



Portland, ME

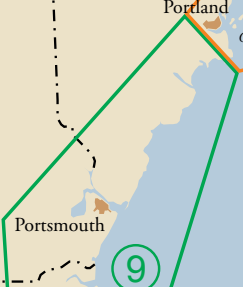
CASCO BAY

Portland

Bath

NEW HAMPSHIRE

44°N



Portsmouth

Gloucester

Salem

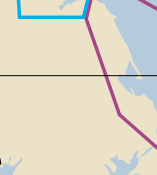
Boston

MASSACHUSETTS

42°N



Boston, MA



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NORTH ATLANTIC OCEAN

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METEOROLOGICAL TABLE – COASTAL AREA OFF JONESPORT, ME (Between 44°N to 45°N and 66°W to 69°W)													
WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	8.7	7.9	7.3	3.8	1.4	0.5	0.2	0.3	0.9	2.5	5.8	9.3	3.7
Wave Height > 9 feet ¹	4.6	2.9	3.1	1.5	0.3	0.1	0.0	0.4	0.4	0.9	3.6	3.6	1.4
Visibility < 2 nautical miles ¹	13.6	11.1	11.8	12.9	18.4	26.7	35.7	30.9	14.9	9.0	7.2	11.4	17.9
Precipitation ¹	23.8	21.6	18.6	15.1	12.8	9.6	7.0	7.4	9.9	11.2	15.6	22.1	13.7
Temperature > 69° F	0.0	0.0	0.0	0.0	0.0	0.7	1.6	1.7	0.5	0.1	0.0	0.0	0.5
Mean Temperature (°F)	27.2	27.6	33.5	40.3	46.9	53.1	57.6	59.0	56.0	49.8	42.6	32.8	45.3
Temperature < 33° F ¹	65.4	67.0	37.8	5.4	0.1	0.0	0.0	0.0	0.0	0.2	9.1	45.3	16.6
Mean RH (%)	83	83	83	83	85	88	90	90	87	82	81	83	86
Overcast or Obscured ¹	43.1	37.5	38.6	39.9	40.3	41.3	41.2	38.5	32.0	34.1	41.8	44.0	39.3
Mean Cloud Cover (8 ^{ths})	5.8	5.4	5.2	5.3	5.5	5.6	5.5	5.2	4.6	5.1	5.7	5.9	5.4
Mean SLP (mbs)	1013	1014	1013	1013	1014	1013	1014	1015	1017	1017	1015	1015	1014
Ext. Max. SLP (mbs)	1047	1052	1049	1041	1043	1036	1037	1036	1040	1044	1047	1046	1052
Ext. Min. SLP (mbs)	967	966	959	974	974	981	992	987	980	977	966	969	959
Prevailing Wind Direction	NW	NW	NW	SW	SW	SW	SW	SW	SW	SW	NW	NW	SW
Thunder and Lightning ¹	0.2	0.2	0.3	0.3	0.2	0.6	0.6	0.5	0.3	0.3	0.2	0.2	0.4

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METEOROLOGICAL TABLE – COASTAL AREA OFF PORTLAND, ME (Between 43°N to 44°N and 66° to 71°W)

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	10.1	10.2	7.0	3.8	1.0	0.4	0.1	0.3	0.9	2.3	6.0	8.9	3.8
Wave Height > 9 feet ¹	8.8	8.2	4.3	2.0	1.1	0.8	0.3	0.3	0.8	2.0	6.1	6.1	3.2
Visibility < 2 nautical miles ¹	13.0	11.8	11.8	13.3	20.9	29.2	38.9	33.0	17.2	10.0	7.6	10.5	19.5
Precipitation ¹	24.8	23.1	16.2	12.5	9.3	8.3	5.4	5.5	6.9	9.0	13.8	21.5	12.3
Temperature > 69° F	0.0	0.0	0.0	0.0	0.1	0.8	3.0	3.9	0.9	0.1	0.0	0.1	0.9
Mean Temperature (°F)	31.4	30.8	35.5	40.8	46.9	53.4	59.0	60.3	57.4	51.7	44.2	36.1	47.1
Temperature < 33° F ¹	51.1	53.5	25.7	3.2	0.1	0.0	0.0	0.0	0.0	0.1	4.6	30.0	12.0
Mean RH (%)	82	81	82	83	87	89	91	90	87	83	80	81	85
Overcast or Obscured ¹	45.0	40.1	38.5	38.0	39.1	39.5	41.7	38.4	31.0	32.1	41.6	44.7	39.2
Mean Cloud Cover (8 ^{ths})	5.9	5.5	5.2	5.0	5.2	5.3	5.4	5.0	4.5	4.7	5.6	6.0	5.3
Mean SLP (mbs)	1014	1013	1014	1014	1015	1014	1015	1016	1018	1018	1016	1016	1015
Ext. Max. SLP (mbs)	1050	1048	1046	1041	1041	1036	1037	1041	1046	1045	1043	1046	1050
Ext. Min. SLP (mbs)	970	960	961	976	973	984	986	987	990	977	976	971	960
Prevailing Wind Direction	NW	NW	NW	W	SW	SW	SW	SW	SW	SW	NW	NW	SW
Thunder and Lightning ¹	0.2	0.2	0.0	0.1	0.2	0.3	0.3	0.3	0.2	0.1	0.2	0.1	0.2

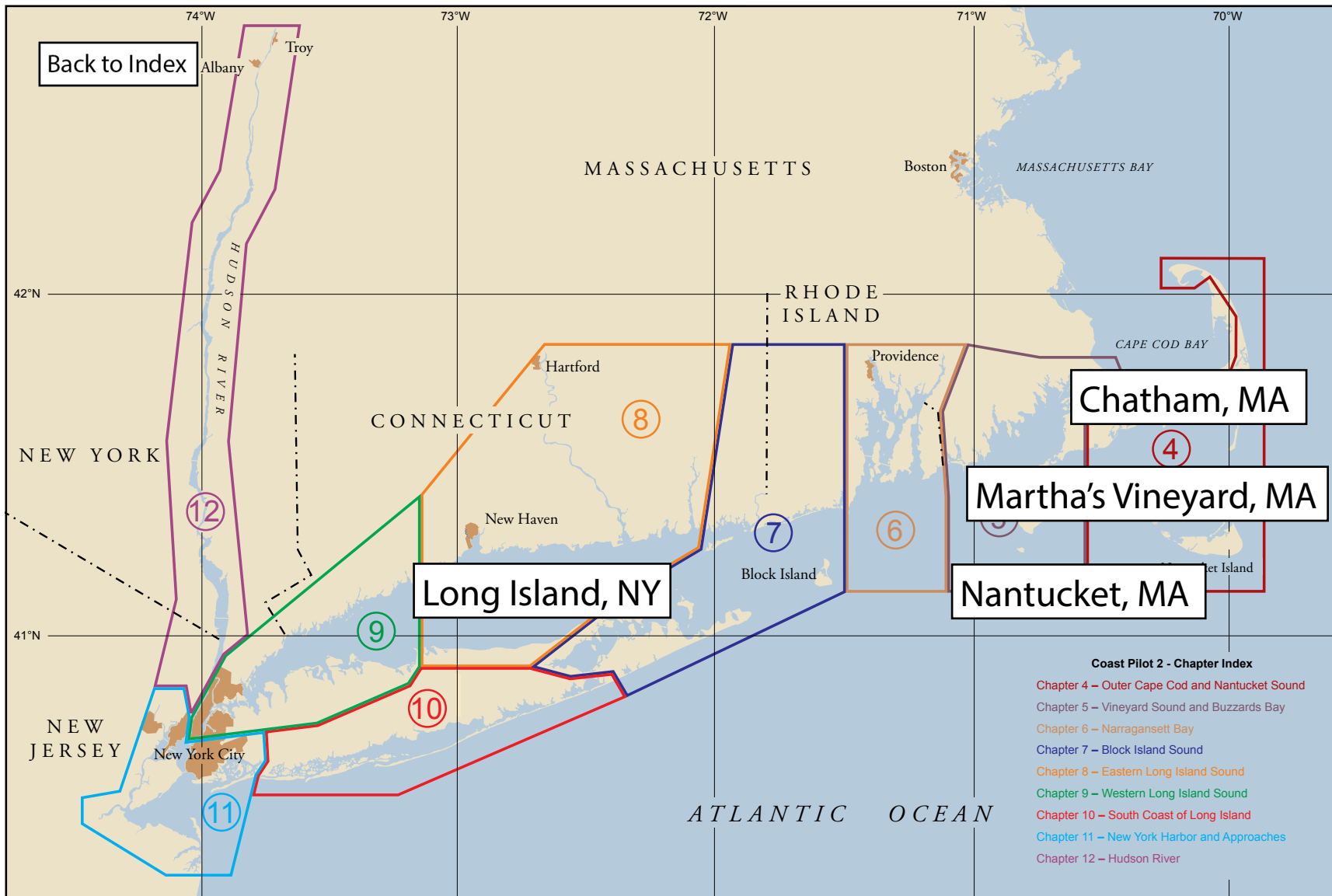
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METEOROLOGICAL TABLE – COASTAL AREA OFF BOSTON, MA (Between 42°N to 43°N and 66°W to 71°W)

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	6.6	6.5	5.1	2.8	0.8	0.5	0.2	0.5	0.6	2.0	4.8	8.4	2.8
Wave Height > 9 feet ¹	8.9	9.4	7.5	4.9	2.9	1.6	0.2	1.1	2.2	5.1	8.1	10.1	4.7
Visibility < 2 nautical miles ¹	8.1	9.2	9.6	12.0	22.5	26.2	29.6	25.4	14.3	8.8	5.9	6.1	15.2
Precipitation ¹	18.8	19.9	12.7	9.8	7.3	7.2	4.2	4.7	5.5	6.7	11.3	18.0	9.4
Temperature > 69° F	0.1	0.1	0.0	0.0	0.3	2.3	8.9	11.0	2.4	0.4	0.1	0.1	2.6
Mean Temperature (°F)	34.2	33.9	37.6	42.8	48.7	56.9	63.8	64.9	60.8	54.5	46.9	38.7	50.6
Temperature < 33° F ¹	39.4	39.5	17.5	1.4	0.2	0.0	0.0	0.0	0.0	0.0	1.9	21.4	7.9
Mean RH (%)	83	83	83	84	88	88	88	87	85	82	80	80	84
Overcast or Obscured ¹	45.3	43.2	38.2	37.0	39.7	36.2	36.9	34.0	31.2	29.2	39.7	44.8	37.0
Mean Cloud Cover (8 ^{ths})	5.8	5.6	5.1	4.8	5.1	5.0	5.1	4.8	4.5	4.4	5.5	5.8	5.0
Mean SLP (mbs)	1015	1014	1014	1014	1015	1014	1015	1016	1018	1018	1017	1016	1016
Ext. Max. SLP (mbs)	1046	1060	1053	1042	1050	1044	1034	1036	1038	1048	1053	1055	1060
Ext. Min. SLP (mbs)	957	966	957	967	977	985	990	988	980	978	970	972	957
Prevailing Wind Direction	NW	NW	NW	SW	SW	SW	SW	SW	SW	SW	NW	NW	SW
Thunder and Lightning ¹	0.1	0.5	0.4	0.4	0.3	0.5	0.8	0.6	0.4	0.2	0.3	0.4	0.4

¹ Percentage Frequency

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METEOROLOGICAL TABLE – COASTAL AREA OFF CHATHAM, MA (Between 41°N to 42°N and 66°W to 70°W)													
WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	7.5	7.2	5.3	2.6	0.8	0.3	0.1	0.2	0.7	1.6	4.1	7.1	2.5
Wave Height > 9 feet ¹	11.8	11.7	9.6	6.5	2.7	0.9	0.3	1.1	2.6	5.6	10.1	11.1	5.0
Visibility < 2 nautical miles ¹	6.8	9.0	10.5	13.8	24.8	36.0	41.3	30.4	14.9	7.0	5.4	4.2	18.9
Precipitation ¹	17.7	17.4	10.9	9.3	6.9	4.5	3.9	4.2	5.3	6.6	9.6	14.3	7.8
Temperature > 69° F	0.0	0.1	0.0	0.0	0.2	0.8	6.2	9.7	4.0	0.6	0.0	0.1	2.5
Mean Temperature (°F)	38.1	37.9	39.5	43.4	49.3	56.0	62.5	64.6	61.5	55.9	49.4	42.1	52.8
Temperature < 33° F ¹	22.2	24.7	10.2	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.4	9.8	3.9
Mean RH (%)	83	82	82	84	88	89	90	89	84	81	80	80	85
Overcast or Obscured ¹	48.7	47.6	42.7	40.9	43.4	43.6	43.8	36.8	29.9	27.0	37.9	46.3	39.0
Mean Cloud Cover (8 ^{ths})	6.2	6.0	5.4	5.0	5.2	5.4	5.4	5.0	4.4	4.4	5.4	6.1	5.2
Mean SLP (mbs)	1015	1014	1014	1015	1015	1016	1016	1017	1019	1018	1017	1016	1016
Ext. Max. SLP (mbs)	1043	1048	1055	1056	1051	1039	1042	1043	1048	1047	1042	1047	1056
Ext. Min. SLP (mbs)	962	957	964	964	973	981	990	988	985	970	975	964	957
Prevailing Wind Direction	NW	NW	NW	SW	SW	SW	SW	SW	SW	W	W	NW	SW
Thunder and Lightning ¹	0.3	0.3	0.4	0.3	0.3	0.5	0.7	0.6	0.3	0.4	0.3	0.1	0.4

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METEOROLOGICAL TABLE – COASTAL AREA SOUTH OF MARTHA’S VINEYARD, MA
(Between 40°N to 42°N and 70°W to 72°W)

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	5.9	5.0	3.8	1.9	0.9	0.3	0.1	0.3	1.2	2.3	4.0	5.8	2.4
Wave Height > 9 feet ¹	10.8	12.4	8.5	5.6	2.1	1.0	0.5	0.8	2.6	3.3	5.4	6.6	4.9
Visibility < 2 nautical miles ¹	6.6	7.2	9.9	11.6	17.2	19.0	19.6	10.9	7.5	4.6	4.2	4.9	10.7
Precipitation ¹	12.4	12.2	9.4	8.6	7.2	4.5	4.0	4.8	6.2	5.8	9.3	12.3	7.8
Temperature > 69° F	0.1	0.1	0.0	0.0	0.4	6.3	42.6	51.6	18.5	1.8	0.2	0.2	11.1
Mean Temperature (°F)	37.5	36.3	40.0	45.2	52.5	62.1	69.5	70.5	65.6	58.1	49.6	41.9	53.3
Temperature < 33° F ¹	27.0	29.8	11.1	0.6	0.1	0.0	0.0	0.0	0.0	0.1	1.7	12.5	6.1
Mean RH (%)	80	80	81	82	84	86	85	84	82	78	78	77	82
Overcast or Obscured ¹	40.1	37.9	36.0	35.4	34.9	31.2	31.6	25.9	27.8	24.4	32.1	37.3	32.7
Mean Cloud Cover (8 ^{ths})	5.4	5.2	4.8	4.6	4.8	4.6	4.8	4.3	4.4	4.2	5.0	5.4	4.8
Mean SLP (mbs)	1016	1017	1016	1016	1016	1015	1016	1017	1018	1018	1017	1018	1016
Ext. Max. SLP (mbs)	1050	1049	1050	1040	1040	1038	1042	1046	1046	1044	1046	1050	1050
Ext. Min. SLP (mbs)	962	958	975	975	976	985	987	987	982	982	973	981	958
Prevailing Wind Direction	NW	NW	W	W	SW	SW	SW	SW	SW	W	W	NW	SW
Thunder and Lightning ¹	0.2	0.2	0.2	0.3	0.5	0.6	1.1	0.8	0.4	0.4	0.2	0.2	0.5

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METEOROLOGICAL TABLE – COASTAL AREA SOUTH OF NANTUCKET, MA (Between 40°N to 41°N and 66°W to 70°W)

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	8.1	7.2	5.7	2.8	0.6	0.3	0.2	0.4	1.2	2.9	4.9	7.4	3.2
Wave Height > 9 feet ¹	14.5	13.5	10.6	7.7	3.2	1.4	0.6	1.1	2.5	5.2	8.8	11.5	6.3
Visibility < 2 nautical miles ¹	6.6	8.8	9.9	13.6	23.5	27.5	27.8	17.2	8.9	5.0	4.7	4.2	14.3
Precipitation ¹	15.6	13.9	9.8	9.1	6.3	4.7	4.3	4.9	5.4	7.0	9.7	13.4	8.3
Temperature > 69° F	0.1	0.0	0.1	0.1	0.6	5.9	27.3	39.5	19.3	3.9	0.4	0.1	8.3
Mean Temperature (°F)	39.9	39.8	41.1	45.1	51.6	59.9	66.9	68.7	65.3	58.8	51.8	44.1	53.1
Temperature < 33° F ¹	17.2	19.2	7.8	1.2	0.2	0.0	0.1	0.1	0.0	0.0	0.3	6.3	4.0
Mean RH (%)	83	83	83	85	87	88	89	87	84	81	81	82	85
Overcast or Obscured ¹	45.5	42.4	37.8	35.7	38.6	36.9	34.9	27.6	25.8	26.1	35.2	42.2	35.6
Mean Cloud Cover (8 ^{ths})	6.0	5.7	5.2	4.7	5.0	4.9	4.9	4.5	4.3	4.5	5.4	5.9	5.1
Mean SLP (mbs)	1015	1015	1015	1015	1016	1016	1016	1017	1018	1018	1016	1016	1016
Ext. Max. SLP (mbs)	1044	1049	1054	1049	1047	1040	1037	1040	1050	1051	1047	1056	1056
Ext. Min. SLP (mbs)	962	965	967	961	976	983	987	987	986	972	972	963	961
Prevailing Wind Direction	NW	NW	NW	W	SW	SW	SW	SW	NE	W	NW	NW	W
Thunder and Lightning ¹	0.5	0.4	0.3	0.3	0.5	0.6	0.7	0.9	0.8	0.6	0.5	0.3	0.5

¹ Percentage Frequency

METEOROLOGICAL TABLE – COASTAL AREA AROUND LONG ISLAND, NY (Between 40°N to 42°N and 72°W to 75°W)

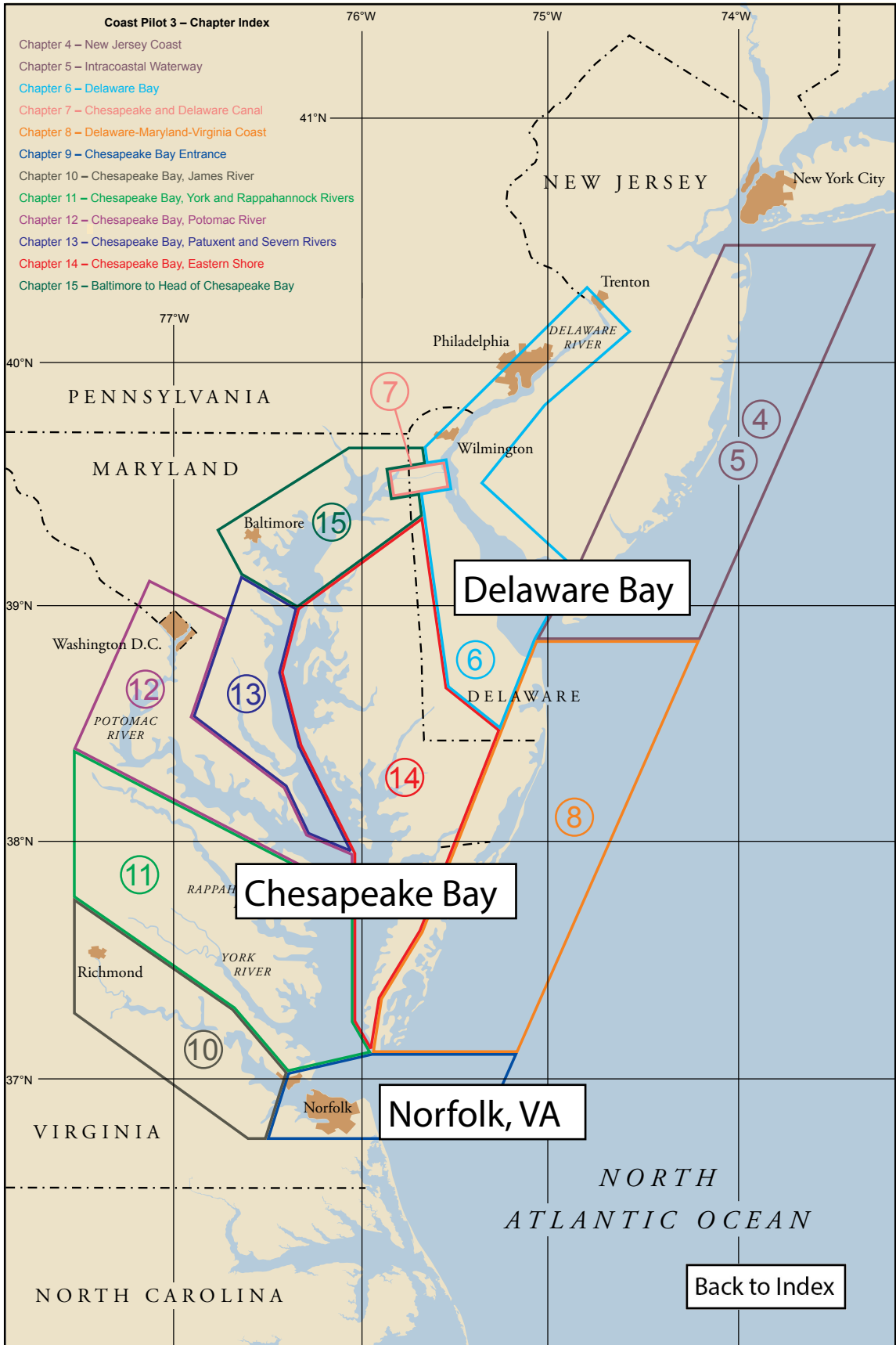
WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	4.0	3.4	2.9	1.5	0.7	0.2	0.1	0.3	0.5	1.8	2.7	4.5	1.8
Wave Height > 9 feet ¹	4.1	5.2	3.8	2.7	0.7	0.5	0.2	0.5	1.0	2.0	2.7	3.5	2.2
Visibility < 2 nautical miles ¹	7.1	7.7	10.2	9.3	15.4	12.3	9.8	5.9	5.1	5.5	4.6	5.3	8.2
Precipitation ¹	11.3	11.5	9.4	8.7	8.0	4.9	5.6	4.9	6.1	6.1	9.1	10.6	8.0
Temperature > 69° F	0.1	0.1	0.0	0.2	2.0	16.8	63.1	67.9	28.6	2.4	0.1	0.1	15.6
Mean Temperature (°F)	36.2	35.6	40.5	46.9	55.5	65.1	72.0	72.2	67.3	58.5	49.5	40.4	53.7
Temperature < 33° F ¹	31.6	32.3	10.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	2.1	17.4	7.5
Mean RH (%)	82	82	80	79	84	83	83	80	80	79	77	79	81
Overcast or Obscured ¹	33.4	32.7	32.5	31.4	32.2	27.9	26.4	23.7	24.6	22.4	27.9	31.1	28.8
Mean Cloud Cover (8 ^{ths})	4.9	4.7	4.6	4.6	4.7	4.6	4.5	4.2	4.2	4.0	4.6	4.8	4.5
Mean SLP (mbs)	1017	1017	1015	1015	1016	1015	1016	1016	1018	1018	1017	1018	1016
Ext. Max. SLP (mbs)	1050	1050	1050	1045	1042	1040	1040	1037	1037	1044	1045	1046	1050
Ext. Min. SLP (mbs)	959	961	961	977	989	981	988	986	978	970	966	981	959
Prevailing Wind Direction	NW	NW	NW	W	SW	SW	SW	SW	SW	W	NW	NW	SW
Thunder and Lightning ¹	0.2	0.1	0.1	0.3	0.8	1.0	1.3	0.9	0.9	0.3	0.6	0.1	0.5

¹ Percentage Frequency

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- Chapter 10 – Chesapeake Bay, James River
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- [Chapter 13 – Chesapeake Bay, Patuxent and Severn Rivers](#)
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Delaware Bay

Chesapeake Bay

Norfolk, VA

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METEOROLOGICAL TABLE – COASTAL AREA OFF DELAWARE BAY

Between 38°N to 40°N and 70°W to 76°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	6.9	6.6	5.9	2.4	0.7	0.3	0.2	0.5	1.1	2.6	4.7	6.5	3.1
Wave Height > 9 feet ¹	14.2	14.6	11.4	7.0	2.7	1.3	0.9	2.6	3.6	7.3	9.8	12.7	7.3
Visibility < 2 nautical miles ¹	4.0	5.7	5.7	7.3	10.9	9.1	5.1	2.7	2.2	2.3	2.1	2.8	5.0
Precipitation ¹	12.1	11.8	8.6	6.4	5.7	4.3	4.0	4.4	5.1	5.7	7.6	9.9	7.0
Temperature > 69° F	0.1	0.2	0.3	0.6	3.1	29.2	84.0	87.8	54.8	12.8	1.7	0.3	24.0
Mean Temperature (°F)	42.8	41.9	45.6	50.3	57.7	67.3	74.3	75.3	70.8	62.7	55.0	47.1	58.0
Temperature < 33° F ¹	14.0	14.8	3.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	4.9	3.0
Mean RH (%)	78	78	78	80	84	85	84	82	79	77	77	76	80
Overcast or Obscured ¹	43.7	41.0	36.7	32.4	31.8	28.4	24.4	21.3	23.2	25.0	31.2	38.9	31.2
Mean Cloud Cover (8 ^{ths})	5.6	5.4	4.9	4.4	4.5	4.4	4.4	4.3	4.2	4.4	4.9	5.4	4.7
Mean SLP (mbs)	1017	1017	1016	1016	1016	1016	1016	1017	1018	1018	1018	1018	1017
Ext. Max. SLP (mbs)	1047	1047	1039	1040	1039	1036	1034	1035	1037	1043	1043	1046	1047
Ext. Min. SLP (mbs)	982	978	978	984	988	991	996	995	994	989	986	986	978
Prevailing Wind Direction	NW	NW	NW	SW	SW	SW	SW	SW	NE	N	NW	NW	SW
Thunder and Lightning ¹	0.5	0.4	0.7	0.5	0.9	1.2	1.9	2.0	1.4	0.8	0.7	0.6	1.0

¹ Percentage Frequency[Back to Index](#)

METEOROLOGICAL TABLE – COASTAL AREA OFF CHESAPEAKE BAY

Between 36°N to 40°N and 76°W to 77°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	0.4	1.0	1.0	0.2	0.2	0.0	0.1	0.3	1.2	1.3	1.3	0.8	0.6
Wave Height > 9 feet ¹	0.8	0.4	0.8	1.0	0.5	0.4	0.3	0.2	0.5	0.4	0.8	0.7	0.5
Visibility < 2 nautical miles ¹	9.1	8.1	5.9	6.9	5.7	3.0	2.1	2.8	4.0	4.4	9.6	11.0	5.9
Precipitation ¹	9.3	10.9	9.0	7.0	6.2	4.2	5.8	6.6	8.4	6.1	7.6	10.7	7.6
Temperature > 69° F	0.0	0.2	1.9	6.8	30.2	77.4	96.5	93.1	72.4	18.2	3.9	0.4	35.6
Mean Temperature (°F)	41.8	42.9	49.2	57.1	66.9	75.5	79.1	77.9	74.1	64.4	53.9	44.0	61.6
Temperature < 33° F ¹	17.3	12.7	2.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	9.1	3.2
Mean RH (%)	74	72	72	70	75	75	77	77	76	75	73	73	74
Overcast or Obscured ¹	33.5	35.2	28.8	26.0	23.4	19.8	20.3	20.9	24.1	22.6	26.3	32.8	25.9
Mean Cloud Cover (8 ^{ths})	4.5	4.6	4.2	4.1	4.2	4.3	4.6	4.6	4.4	3.7	4.2	4.6	4.3
Mean SLP (mbs)	1020	1018	1018	1017	1016	1016	1016	1017	1017	1018	1019	1019	1017
Ext. Max. SLP (mbs)	1046	1046	1039	1040	1037	1032	1031	1032	1033	1039	1041	1041	1046
Ext. Min. SLP (mbs)	988	985	987	991	991	994	998	997	994	992	990	987	985
Prevailing Wind Direction	N	N	N	N	SW	SW	SW	SW	NE	N	N	N	SW
Thunder and Lightning ¹	0.0	0.1	0.2	0.4	0.6	0.6	1.0	0.9	0.2	0.2	0.2	0.0	0.4

¹ Percentage Frequency[Back to Index](#)

METEOROLOGICAL TABLE – COASTAL AREA OFF NORFOLK, VIRGINIA

Between 36°N to 38°N and 72°W to 76°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	4.9	5.5	4.7	2.3	0.5	0.4	0.2	0.3	1.1	2.1	3.6	5.0	2.5
Wave Height > 9 feet ¹	9.2	9.6	8.0	4.7	2.1	1.5	0.9	1.3	2.8	5.5	6.5	9.8	4.9
Visibility < 2 nautical miles ¹	3.1	4.4	4.8	4.7	5.2	3.6	1.6	1.3	1.3	1.7	1.7	1.9	2.9
Precipitation ¹	9.3	8.3	6.9	5.5	4.9	4.3	4.2	4.1	4.7	5.6	6.3	7.7	5.9
Temperature > 69° F	1.0	0.9	1.3	4.3	16.1	61.5	96.3	96.9	76.8	25.9	6.6	1.7	33.7
Mean Temperature (°F)	47.6	47.6	50.4	56.2	63.3	71.9	77.6	77.9	73.9	66.1	58.6	51.6	62.3
Temperature < 33° F ¹	6.2	5.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.8	1.2
Mean RH (%)	76	76	76	78	81	82	82	81	79	76	74	75	78
Overcast or Obscured ¹	38.3	36.7	33.9	27.9	26.0	22.7	21.0	19.8	20.7	22.7	26.3	34.2	27.3
Mean Cloud Cover (8 ^{ths})	5.2	5.1	4.8	4.3	4.4	4.4	4.4	4.4	4.2	4.2	4.5	5.1	4.6
Mean SLP (mbs)	1019	1017	1017	1016	1016	1016	1017	1017	1018	1018	1018	1019	1017
Ext. Max. SLP (mbs)	1047	1047	1039	1040	1038	1036	1035	1037	1036	1044	1044	1045	1047
Ext. Min. SLP (mbs)	982	978	978	987	990	991	996	995	993	990	986	986	978
Prevailing Wind Direction	N	NW	N	SW	S	SW	SW	SW	NE	N	N	NW	N
Thunder and Lightning ¹	0.6	0.7	0.9	1.0	1.7	1.8	2.7	2.7	1.4	1.0	0.7	0.6	1.3

¹ Percentage Frequency[Back to Index](#)



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Charleston, SC

Jacksonville, FL

Miami, FL

Key West, FL

Coast Pilot 4 - Chapter Index

- Chapter 4 – Cape Henry to Cape Lookout
- Chapter 5 – Cape Lookout to Cape Fear
- Chapter 6 – Cape Fear to Charleston Harbor
- Chapter 7 – Charleston Harbor to Savannah River
- Chapter 8 – Savannah River to St. Johns River
- Chapter 9 – St. Johns River
- Chapter 10 – St. Johns River to Miami
- Chapter 11 – Miami to Key West
- Chapter 12 – Intracoastal Waterway
(not shown, Norfolk Virginia to Key West Florida,
including Okeechobee Waterway)

METEOROLOGICAL TABLE – COASTAL AREA OFF CHARLESTON, SOUTH CAROLINA

Between 32°N to 34°N and 75°W to 81°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	4.3	4.8	4.1	2.0	0.9	0.5	0.3	0.6	1.3	3.1	3.1	4.0	2.4
Wave Height > 9 feet ¹	8.9	9.6	8.7	4.7	3.0	2.3	1.1	1.7	4.3	7.6	7.3	7.9	5.5
Visibility < 2 nautical miles ¹	1.4	1.5	1.1	0.6	0.8	0.6	0.8	0.9	0.8	0.8	0.8	1.0	0.9
Precipitation ¹	7.0	6.5	6.1	3.6	4.7	5.0	5.1	6.0	5.5	5.8	5.1	6.1	5.5
Temperature > 69° F	11.5	11.7	18.4	40.9	79.9	98.0	99.8	99.7	98.5	77.1	42.5	18.7	59.1
Mean Temperature (°F)	59.9	60.5	63.4	68.4	73.8	78.4	81.5	81.5	79.3	73.8	67.8	62.4	71.1
Temperature < 33° F ¹	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Mean RH (%)	74	74	73	73	76	80	80	80	77	74	72	72	76
Overcast or Obscured ¹	32.1	31.8	28.0	18.9	19.4	19.5	17.3	18.5	20.2	21.5	21.6	28.2	23.0
Mean Cloud Cover (8 ^{ths})	5.2	5.1	4.8	4.0	4.3	4.5	4.6	4.7	4.7	4.6	4.6	5.0	4.7
Mean SLP (mbs)	1019	1018	1017	1017	1017	1016	1018	1017	1017	1017	1018	1019	1018
Ext. Max. SLP (mbs)	1045	1045	1044	1040	1039	1036	1037	1038	1036	1042	1044	1044	1045
Ext. Min. SLP (mbs)	980	977	980	985	991	995	998	996	995	988	987	983	977
Prevailing Wind Direction	N	N	N	SW	SW	SW	SW	SW	NE	NE	N	N	SW
Thunder and Lightning ¹	1.0	1.3	1.7	1.6	2.9	3.1	3.9	4.3	2.7	1.9	1.3	0.9	2.2

¹ Percentage Frequency[Back to Index](#)

METEOROLOGICAL TABLE – COASTAL AREA OFF JACKSONVILLE, FLORIDA

Between 29°N to 32°N and 78°W to 82°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	2.4	3.4	2.1	1.0	0.5	0.5	0.1	0.5	1.4	2.2	1.8	2.1	1.5
Wave Height > 9 feet ¹	5.9	7.1	4.6	2.6	2.1	1.4	0.6	1.2	3.8	6.1	4.5	4.5	3.7
Visibility < 2 nautical miles ¹	1.1	0.9	0.8	0.4	0.4	0.6	0.3	0.5	0.5	0.6	0.6	0.8	0.6
Precipitation ¹	5.2	5.4	4.1	3.1	3.3	3.9	3.3	4.3	5.5	4.8	4.0	4.6	4.3
Temperature > 69° F	23.9	24.7	38.6	64.3	93.0	99.6	99.9	99.9	99.5	89.4	62.0	34.8	69.3
Mean Temperature (°F)	63.7	64.6	67.5	71.7	76.2	80.1	82.5	82.4	80.9	76.3	71.0	66.4	73.6
Temperature < 33° F ¹	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean RH (%)	73	73	73	73	75	79	79	79	78	73	71	72	75
Overcast or Obscured ¹	26.3	24.9	20.6	15.4	12.9	15.5	11.2	13.0	17.2	17.8	16.9	22.6	17.9
Mean Cloud Cover (8 ^{ths})	4.9	4.7	4.4	3.9	3.9	4.4	4.1	4.3	4.6	4.5	4.4	4.7	4.4
Mean SLP (mbs)	1020	1019	1018	1018	1017	1016	1018	1017	1016	1016	1018	1020	1018
Ext. Max. SLP (mbs)	1040	1045	1040	1036	1037	1031	1035	1034	1033	1040	1046	1045	1046
Ext. Min. SLP (mbs)	985	990	983	992	996	995	998	997	995	978	994	995	978
Prevailing Wind Direction	NW	NW	S	S	S	SW	SW	E	NE	NE	N	N	NE
Thunder and Lightning ¹	0.9	1.1	1.5	1.2	2.7	3.2	4.4	4.5	3.5	2.1	1.1	0.8	2.3

¹ Percentage Frequency[Back to Index](#)

METEOROLOGICAL TABLE – COASTAL AREA OFF MIAMI, FLORIDA

Between 25°N to 29°N and 78° to 82°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	1.1	1.5	1.0	0.4	0.1	0.2	0.1	0.2	0.7	1.3	0.8	1.1	0.7
Wave Height > 9 feet ¹	3.5	4.4	3.2	1.8	1.2	0.9	0.5	0.7	1.8	4.3	3.6	3.7	2.4
Visibility < 2 nautical miles ¹	0.4	0.4	0.3	0.5	0.4	0.5	0.4	0.4	0.5	0.5	0.4	0.4	0.4
Precipitation ¹	3.3	3.2	2.5	2.1	3.1	4.2	3.0	3.8	4.9	4.7	3.2	3.2	3.5
Temperature > 69° F	54.1	54.1	67.5	86.6	98.6	99.8	99.9	100.0	99.9	97.9	86.4	64.6	84.6
Mean Temperature (°F)	69.7	70.0	72.0	74.8	78.1	81.2	83.1	83.4	82.3	79.2	75.1	71.5	76.8
Temperature < 33° F ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean RH (%)	75	75	75	74	77	79	78	78	79	76	74	74	76
Overcast or Obscured ¹	15.4	14.7	14.2	10.5	11.3	13.8	9.0	9.3	13.1	14.1	11.6	13.7	12.5
Mean Cloud Cover (8 ^{ths})	4.3	4.2	4.1	3.8	3.9	4.3	4.1	4.2	4.5	4.4	4.2	4.2	4.2
Mean SLP (mbs)	1020	1019	1018	1017	1016	1017	1018	1017	1015	1015	1018	1019	1017
Ext. Max. SLP (mbs)	1040	1040	1042	1040	1038	1033	1033	1034	1030	1037	1032	1044	1044
Ext. Min. SLP (mbs)	994	989	994	998	999	999	1003	1000	987	996	993	996	987
Prevailing Wind Direction	E	E	E	E	E	E	E	E	E	NE	E	E	E
Thunder and Lightning ¹	0.5	0.9	1.0	1.4	2.2	3.5	4.4	4.7	4.5	2.6	1.0	0.7	2.4

¹ Percentage Frequency[Back to Index](#)

METEOROLOGICAL TABLE – COASTAL AREA OFF KEY WEST, FLORIDA

Between 23°N to 25°N and 79°W to 83°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	0.5	0.5	0.3	0.2	0.1	0.3	0.1	0.2	0.5	0.6	0.5	0.5	0.3
Wave Height > 9 feet ¹	2.0	2.0	1.9	1.7	1.1	0.8	0.4	0.7	0.7	2.4	2.5	1.9	1.5
Visibility < 2 nautical miles ¹	0.4	0.4	0.3	0.2	0.3	0.5	0.2	0.4	0.4	0.7	0.3	0.4	0.4
Precipitation ¹	2.8	2.6	1.8	1.4	2.5	3.7	2.3	2.9	3.9	4.6	2.9	2.6	2.8
Temperature > 69° F	70.1	69.7	81.9	95.2	99.7	99.9	99.9	100.0	99.9	99.3	93.3	77.1	90.9
Mean Temperature (°F)	72.2	72.4	74.3	76.8	79.7	82.2	83.7	84.0	83.2	80.5	76.9	73.5	78.5
Temperature < 33° F ¹	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean RH (%)	78	78	78	77	78	79	77	77	79	78	77	77	78
Overcast or Obscured ¹	12.8	11.7	9.8	7.2	9.4	12.9	6.8	7.1	10.1	12.4	10.4	12.3	10.2
Mean Cloud Cover (8 ^{ths})	3.8	3.7	3.5	3.4	3.7	4.2	4.0	4.0	4.3	4.3	4.0	4.0	3.9
Mean SLP (mbs)	1019	1018	1017	1017	1015	1016	1017	1016	1014	1014	1017	1019	1017
Ext. Max. SLP (mbs)	1038	1036	1035	1035	1031	1032	1030	1029	1030	1031	1034	1037	1038
Ext. Min. SLP (mbs)	997	1000	997	998	1000	997	1004	1002	996	991	1000	1000	991
Prevailing Wind Direction	E	E	E	E	E	E	E	E	E	E	E	E	E
Thunder and Lightning ¹	0.5	0.7	0.5	0.6	2.0	3.0	4.8	5.0	5.9	3.2	1.2	0.6	2.4
¹ Percentage Frequency													

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Coast Pilot 5 – Chapter Index

Chapter 4 – Key to Tampa Bay

Chapter 5 – Tampa Bay to Apalachee Bay

Chapter 6 – Apalachee Bay to Mobile Bay

Chapter 7 – Mobile Bay to Mississippi River

Chapter 8 – Mississippi River

Chapter 9 – Mississippi River to Sabine Pass

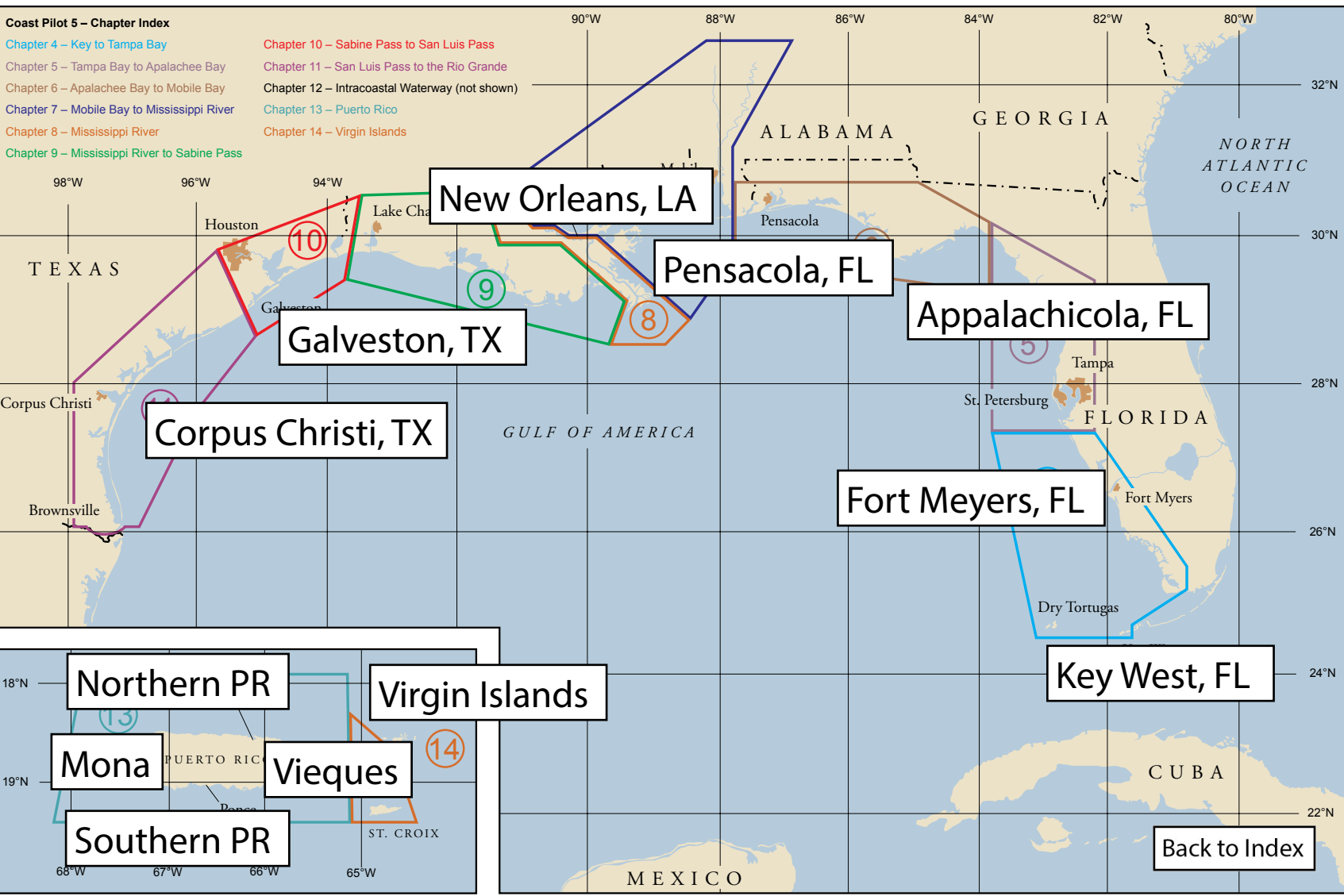
Chapter 10 – Sabine Pass to San Luis Pass

Chapter 11 – San Luis Pass to the Rio Grande

Chapter 12 – Intracoastal Waterway (not shown)

Chapter 13 – Puerto Rico

Chapter 14 – Virgin Islands



New Orleans, LA

Pensacola, FL

Appalachicola, FL

Galveston, TX

Corpus Christi, TX

Fort Meyers, FL

Key West, FL

Northern PR

Virgin Islands

Mona

Vieques

Southern PR

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METEOROLOGICAL TABLE – COASTAL AREA OFF KEY WEST, FLORIDA

Between 23°N to 25°N and 79°W to 83°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	0.5	0.5	0.3	0.2	0.1	0.3	0.1	0.2	0.5	0.6	0.5	0.5	0.3
Wave Height > 9 feet ¹	2.0	2.0	1.9	1.7	1.1	0.8	0.4	0.7	0.7	2.4	2.5	1.9	1.5
Visibility < 2 nautical miles ¹	0.4	0.4	0.3	0.2	0.3	0.5	0.2	0.4	0.4	0.7	0.3	0.4	0.4
Precipitation ¹	2.8	2.6	1.8	1.4	2.5	3.7	2.3	2.9	3.9	4.6	2.9	2.6	2.8
Temperature > 69° F	70.1	69.7	81.9	95.2	99.7	99.9	99.9	100.0	99.9	99.3	93.3	77.1	90.9
Mean Temperature (°F)	72.2	72.4	74.3	76.8	79.7	82.8	83.7	84.0	83.2	80.5	76.9	73.5	78.5
Temperature < 33° F ¹	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean RH (%)	78	78	78	77	78	79	77	77	79	78	77	77	78
Overcast or Obscured ¹	12.8	11.7	9.8	7.2	9.4	12.9	6.8	7.1	10.1	12.4	10.4	12.3	10.2
Mean Cloud Cover (8 ^{ths})	3.8	3.7	3.5	3.4	3.7	4.2	4.0	4.0	4.3	4.3	4.0	4.0	3.9
Mean SLP (mbs)	1019	1018	1017	1017	1015	1016	1017	1016	1014	1014	1017	1019	1017
Ext. Max. SLP (mbs)	1038	1036	1035	1035	1031	1032	1030	1029	1030	1031	1034	1037	1038
Ext. Min. SLP (mbs)	997	1000	997	998	1000	997	1004	1002	996	991	1000	1000	991
Prevailing Wind Direction	E	E	E	E	E	E	E	E	E	E	E	E	E
Thunder and Lightning ¹	0.5	0.7	0.5	0.6	2.0	3.0	4.8	5.0	5.9	3.2	1.2	0.6	2.4

¹ Percentage Frequency[Back to Index](#)

METEOROLOGICAL TABLE – COASTAL AREA OFF FORT MYERS, FLORIDA

Between 25°N to 27°N and 81°W to 85°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	0.7	0.6	0.5	0.1	0.0	0.2	0.0	0.2	0.5	0.5	0.5	0.3	0.3
Wave Height > 9 feet ¹	3.1	2.7	2.8	1.6	0.5	0.7	0.3	0.7	1.4	2.7	3.1	2.5	1.8
Visibility < 2 nautical miles ¹	0.5	0.8	0.6	0.5	0.3	0.5	0.2	0.4	0.5	0.2	0.2	0.2	0.4
Precipitation ¹	3.5	3.0	2.5	1.7	1.9	2.9	2.3	3.2	4.0	3.1	2.3	2.2	2.7
Temperature > 69° F	51.6	51.5	65.7	87.3	99.2	100.0	100.0	100.0	100.0	98.7	86.8	62.6	84.0
Mean Temperature (°F)	70.1	70.2	72.1	75.1	78.9	82.1	83.8	84.0	83.0	79.6	75.2	71.6	77.3
Temperature < 33° F ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean RH (%)	78	78	79	79	79	79	77	77	79	77	77	77	78
Overcast or Obscured ¹	17.8	15.8	13.8	10.2	9.0	10.3	7.3	7.6	11.8	11.1	11.7	14.2	11.7
Mean Cloud Cover (8 ^{ths})	4.2	4.0	3.8	3.4	3.4	3.8	3.9	4.0	4.4	4.0	3.9	4.1	3.9
Mean SLP (mbs)	1019	1018	1017	1017	1016	1016	1018	1016	1015	1015	1017	1019	1017
Ext. Max. SLP (mbs)	1040	1037	1037	1032	1029	1030	1030	1030	1033	1029	1035	1040	1040
Ext. Min. SLP (mbs)	995	992	993	1000	1000	999	1004	1001	997	997	996	999	992
Prevailing Wind Direction	E	E	SE	E	E	E	E	E	E	NE	E	E	E
Thunder and Lightning ¹	1.1	1.0	1.1	0.8	1.5	2.8	4.1	5.1	4.5	2.4	1.0	0.9	2.2

¹ Percentage Frequency

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METEOROLOGICAL TABLE – COASTAL AREA OFF APALACHICOLA, FLORIDA

Between 27°N to 30°N and 82°W to 86°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	1.1	1.2	0.6	0.1	0.1	0.1	0.2	0.2	1.1	0.6	0.8	1.0	0.5
Wave Height > 9 feet ¹	5.0	3.5	2.3	0.8	0.1	0.4	0.8	0.3	2.0	2.3	3.0	3.1	1.8
Visibility < 2 nautical miles ¹	3.4	1.8	3.6	1.1	1.0	0.2	1.0	1.0	1.3	0.4	0.6	2.0	1.4
Precipitation ¹	4.8	3.6	3.0	1.4	1.8	3.9	4.3	4.5	5.7	3.1	3.1	3.6	3.6
Temperature > 69° F	23.8	25.3	37.9	70.3	94.5	100.0	99.9	99.7	99.5	93.3	66.9	33.7	74.0
Mean Temperature (°F)	63.2	65.5	68.1	72.5	77.1	81.1	83.4	83.2	82.1	77.4	71.8	66.1	75.2
Temperature < 33° F ¹	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean RH (%)	78	78	80	79	79	80	77	78	79	75	76	76	78
Overcast or Obscured ¹	23.6	22.7	18.4	16.2	8.2	15.7	10.7	11.8	15.9	13.1	15.3	18.0	15.5
Mean Cloud Cover (8 ^{ths})	4.5	4.4	4.0	3.6	3.4	4.2	4.2	4.2	4.5	3.9	4.0	4.2	4.1
Mean SLP (mbs)	1020	1019	1018	1017	1016	1016	1018	1016	1015	1016	1018	1020	1017
Ext. Max. SLP (mbs)	1040	1043	1033	1032	1030	1027	1032	1027	1027	1031	1030	1037	1043
Ext. Min. SLP (mbs)	992	1000	1000	998	1000	999	1004	1001	997	997	995	1000	992
Prevailing Wind Direction	N	E	SE	SE	E	E	SW	E	E	NE	NE	E	E
Thunder and Lightning ¹	1.7	1.6	1.6	0.7	1.2	3.8	5.4	5.5	6.4	1.4	0.6	0.9	2.7

¹ Percentage Frequency[Back to Index](#)

METEOROLOGICAL TABLE – COASTAL AREA OFF PENSACOLA, FLORIDA

Between 27°N to 31°N and 86°W to 89°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	1.3	1.2	0.7	0.4	0.1	0.2	0.2	0.2	0.8	0.8	0.8	0.8	0.6
Wave Height > 9 feet ¹	4.5	3.8	3.4	1.8	0.7	0.5	0.5	0.7	3.0	2.9	3.3	3.3	2.3
Visibility < 2 nautical miles ¹	1.7	1.4	2.2	1.0	0.7	0.4	0.5	0.6	0.7	0.5	0.5	0.8	0.9
Precipitation ¹	5.0	4.9	3.9	2.8	2.8	3.0	4.0	4.1	4.9	3.9	3.6	4.0	3.9
Temperature > 69° F	26.8	25.9	36.8	64.3	95.2	99.8	99.9	99.9	98.9	89.4	60.4	37.0	71.8
Mean Temperature (°F)	64.6	64.9	67.6	71.8	77.1	81.5	83.4	83.4	81.5	76.6	70.8	66.5	74.7
Temperature < 33° F ¹	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean RH (%)	77	77	78	78	79	78	77	77	78	74	75	75	77
Overcast or Obscured ¹	27.2	25.5	22.1	15.6	12.4	10.1	11.4	11.5	16.5	13.8	17.5	22.0	16.8
Mean Cloud Cover (8 ^{ths})	4.8	4.6	4.3	3.7	3.6	3.7	4.1	4.2	4.4	3.9	4.1	4.6	4.2
Mean SLP (mbs)	1020	1019	1017	1017	1016	1016	1017	1016	1015	1016	1019	1020	1017
Ext. Max. SLP (mbs)	1042	1042	1040	1033	1034	1030	1031	1031	1026	1036	1033	1037	1042
Ext. Min. SLP (mbs)	996	989	991	995	999	1000	997	1002	993	989	995	995	989
Prevailing Wind Direction	N	SE	SE	SE	SE	SE	SE	E	E	E	E	E	E
Thunder and Lightning ¹	1.0	1.2	1.4	1.4	1.6	2.7	3.6	4.0	3.2	1.2	0.9	0.9	2.0

¹ Percentage Frequency[Back to Index](#)

METEOROLOGICAL TABLE – COASTAL AREA OFF NEW ORLEANS, LOUISIANA

Between 27°N to 31°N and 89°W to 92°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	1.4	1.0	0.9	0.5	0.1	0.1	0.1	0.4	0.9	0.8	1.0	0.8	0.6
Wave Height > 9 feet ¹	4.9	4.8	3.5	1.9	0.8	0.7	0.3	1.0	2.5	2.9	3.3	3.9	2.4
Visibility < 2 nautical miles ¹	1.3	1.3	1.4	0.9	0.5	0.3	0.4	0.4	0.5	0.5	0.4	0.7	0.7
Precipitation ¹	4.1	4.6	3.1	2.1	1.9	2.3	3.2	3.5	4.3	3.0	3.6	3.9	3.3
Temperature > 69° F	26.6	28.0	40.4	70.0	96.2	99.9	100.0	100.0	99.7	90.6	62.1	38.1	72.6
Mean Temperature (°F)	64.3	65.7	68.2	72.5	77.5	82.0	83.9	83.9	82.3	77.2	71.2	66.8	75.1
Temperature < 33° F ¹	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean RH (%)	78	78	79	80	80	79	77	76	78	74	75	77	78
Overcast or Obscured ¹	28.5	27.6	24.0	18.5	12.1	8.4	9.1	10.4	14.7	12.9	19.6	24.0	17.1
Mean Cloud Cover (8 ^{ths})	4.8	4.7	4.4	3.9	3.6	3.6	3.9	4.0	4.3	3.8	4.3	4.7	4.2
Mean SLP (mbs)	1020	1018	1017	1016	1015	1016	1017	1016	1015	1017	1019	1020	1017
Ext. Max. SLP (mbs)	1039	1041	1035	1033	1030	1032	1032	1031	1029	1036	1037	1044	1044
Ext. Min. SLP (mbs)	992	990	993	998	996	999	1002	1001	994	994	998	996	990
Prevailing Wind Direction	N	SE	SE	SE	SE	SE	SE	SE	E	E	E	N	SE
Thunder and Lightning ¹	0.8	1.1	1.1	1.1	1.2	2.0	2.9	3.2	2.4	1.2	1.0	0.8	1.6

¹ Percentage Frequency[Back to Index](#)

METEOROLOGICAL TABLE – COASTAL AREA OFF GALVESTON, TEXAS

Between 27°N to 30°N and 92°W to 96°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	1.6	1.6	1.0	0.4	0.2	0.1	0.1	0.4	0.8	0.9	1.0	1.1	0.7
Wave Height > 9 feet ¹	5.4	5.0	3.4	2.4	1.2	1.2	0.3	0.8	2.3	3.6	3.7	4.0	2.6
Visibility < 2 nautical miles ¹	2.7	2.8	3.3	1.9	0.6	0.5	0.5	0.4	0.5	0.5	0.8	2.0	1.3
Precipitation ¹	4.5	4.9	2.6	2.3	2.0	2.3	2.6	3.1	4.2	3.4	3.7	4.6	3.3
Temperature > 69° F	17.3	16.9	26.7	61.4	94.9	99.9	99.9	99.9	99.3	86.3	55.2	27.8	68.2
Mean Temperature (°F)	61.9	63.4	66.3	71.3	76.8	81.9	84.0	84.0	82.0	76.3	69.8	64.5	74.2
Temperature < 33° F ¹	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean RH (%)	79	79	80	82	82	80	78	77	77	75	76	77	78
Overcast or Obscured ¹	33.9	32.6	30.7	24.0	16.0	8.5	9.2	9.8	14.9	15.0	21.8	30.2	19.7
Mean Cloud Cover (8 ^{ths})	4.9	4.8	4.8	4.4	4.0	3.6	3.8	4.0	4.2	3.8	4.2	4.7	4.2
Mean SLP (mbs)	1020	1019	1017	1016	1015	1015	1017	1016	1015	1017	1019	1020	1017
Ext. Max. SLP (mbs)	1041	1042	1035	1038	1031	1030	1032	1030	1030	1037	1041	1041	1042
Ext. Min. SLP (mbs)	999	990	998	989	997	992	1001	1001	987	994	994	990	987
Prevailing Wind Direction	N	SE	SE	SE	SE	SE	S	SE	E	E	SE	SE	SE
Thunder and Lightning ¹	0.5	1.0	0.8	1.0	1.5	1.6	2.2	2.4	2.6	1.2	1.3	0.9	1.5

¹ Percentage Frequency[Back to Index](#)

METEOROLOGICAL TABLE – COASTAL AREA OFF CORPUS CHRISTI, TEXAS

Between 26°N to 29°N and 95°W to 98°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	1.6	2.0	0.8	0.4	0.3	0.1	0.0	0.1	0.6	0.8	1.5	1.5	0.7
Wave Height > 9 feet ¹	3.8	4.2	2.7	1.8	1.0	0.7	0.4	0.1	1.1	1.8	3.8	4.2	1.9
Visibility < 2 nautical miles ¹	4.3	2.4	3.5	3.3	1.1	0.6	0.3	0.2	0.5	0.3	0.8	1.9	1.5
Precipitation ¹	6.1	4.4	2.8	2.3	2.3	2.6	1.5	3.0	3.9	2.4	3.2	5.7	3.3
Temperature > 69° F	20.0	22.0	30.0	69.8	95.9	99.9	100.0	100.0	99.4	91.1	64.6	34.7	72.5
Mean Temperature (°F)	62.4	64.7	67.3	72.1	77.1	82.2	83.6	83.7	82.3	77.2	71.1	65.7	74.9
Temperature < 33° F ¹	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean RH (%)	80	78	81	83	84	81	79	79	77	75	78	78	79
Overcast or Obscured ¹	42.5	32.3	35.4	27.6	17.5	8.3	6.2	8.5	11.8	12.3	24.8	35.7	20.6
Mean Cloud Cover (8 ^{ths})	5.5	4.8	5.1	4.8	4.3	3.6	3.5	3.9	4.0	3.7	4.5	5.2	4.3
Mean SLP (mbs)	1020	1018	1016	1014	1013	1014	1016	1015	1014	1017	1018	1019	1016
Ext. Max. SLP (mbs)	1040	1041	1036	1034	1031	1027	1025	1029	1027	1033	1041	1040	1041
Ext. Min. SLP (mbs)	999	1000	990	991	990	1001	1001	1001	992	997	994	998	990
Prevailing Wind Direction	N	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	N	SE
Thunder and Lightning ¹	0.8	0.6	0.8	1.1	2.3	2.1	1.2	2.4	2.8	1.1	1.6	1.0	1.5

¹ Percentage Frequency

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METEOROLOGICAL TABLE – COASTAL AREA OFF VIRGIN ISLANDS

Between 17°N to 19°N and 64°W to 66°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	0.2	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.3	0.0	0.3	0.1	0.1
Wave Height > 9 feet ¹	1.1	0.7	1.0	0.7	0.4	0.5	0.8	0.8	1.0	0.4	1.3	1.6	0.9
Visibility < 2 nautical miles ¹	0.1	0.2	0.2	0.2	0.5	0.2	0.4	0.4	0.4	0.2	0.7	0.3	0.3
Precipitation ¹	2.9	2.3	2.9	2.5	5.3	3.9	3.6	4.4	4.5	3.8	6.6	4.9	3.7
Temperature > 69° F	99.7	99.8	99.6	99.9	99.9	100.0	99.9	100.0	100.0	100.0	100.0	100.0	99.9
Mean Temperature (°F)	78.1	77.9	77.9	79.0	80.5	81.9	82.4	82.7	82.8	82.5	81.2	79.5	80.1
Temperature < 33° F ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean RH (%)	77	76	76	77	80	79	79	80	79	80	78	77	78
Overcast or Obscured ¹	3.3	3.1	4.2	4.3	11.3	8.2	7.9	7.9	8.9	7.3	6.3	6.0	6.0
Mean Cloud Cover (8 ^{ths})	3.3	3.3	3.3	3.5	4.3	4.1	4.0	3.9	4.1	3.9	3.8	3.7	3.7
Mean SLP (mbs)	1016	1016	1016	1015	1015	1016	1017	1015	1014	1013	1013	1015	1015
Ext. Max. SLP (mbs)	1032	1031	1030	1028	1027	1028	1027	1028	1025	1026	1025	1028	1032
Ext. Min. SLP (mbs)	1001	1001	1002	1001	1002	1003	1005	1001	1001	1000	999	1000	999
Prevailing Wind Direction	E	E	E	E	E	E	E	E	E	E	E	E	E
Thunder and Lightning ¹	0.1	0.1	0.1	0.1	1.5	1.4	1.8	2.3	4.3	4.4	2.3	0.7	1.3

¹ Percentage Frequency[Back to Index](#)

METEOROLOGICAL TABLE – COASTAL AREA OFF ISLA DE VIEQUES ISLAND

Between 18°N to 19°N and 65°W to 66°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	0.2	0.1	0.0	0.1	0.1	0.0	0.1	0.0	0.2	0.0	0.3	0.1	0.1
Wave Height > 9 feet ¹	0.9	0.3	0.4	0.4	0.2	0.3	0.6	0.7	0.9	0.5	0.4	2.1	0.6
Visibility < 2 nautical miles ¹	0.1	0.2	0.1	0.3	0.6	0.1	0.2	0.4	0.3	0.1	0.2	0.3	0.2
Precipitation ¹	3.0	2.2	2.7	2.8	4.7	3.1	3.8	4.4	4.7	3.0	5.2	4.7	3.4
Temperature > 69° F	99.9	99.8	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	99.9	100.0	99.9
Mean Temperature (°F)	78.1	77.9	78.0	79.1	80.4	82.0	82.6	82.9	83.0	82.7	81.3	79.4	80.0
Temperature < 33° F ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean RH (%)	77	76	75	76	80	79	79	79	79	80	78	75	77
Overcast or Obscured ¹	3.9	3.1	3.7	4.8	11.8	10.3	8.3	9.2	8.2	7.4	6.1	7.4	6.3
Mean Cloud Cover (8 ^{ths})	3.4	3.4	3.3	3.5	4.3	4.3	4.1	4.0	4.1	4.0	3.8	3.9	3.7
Mean SLP (mbs)	1017	1017	1017	1016	1015	1017	1017	1015	1014	1013	1013	1015	1016
Ext. Max. SLP (mbs)	1028	1030	1028	1026	1023	1028	1027	1026	1025	1025	1023	1022	1030
Ext. Min. SLP (mbs)	1002	1001	1002	1001	1002	1003	1007	1002	1001	1000	1000	1000	1000
Prevailing Wind Direction	E	E	E	E	E	E	E	E	E	E	E	NE	E
Thunder and Lightning ¹	0.1	0.1	0.0	0.1	1.2	1.2	1.7	1.5	3.6	4.1	2.2	0.4	1.0

¹ Percentage Frequency[Back to Index](#)

METEOROLOGICAL TABLE – COASTAL AREA OFF NORTHERN PUERTO RICO

Between 18°N to 20°N and 65°W to 68°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.1	0.2	0.3	0.2
Wave Height > 9 feet ¹	1.9	1.3	1.4	1.2	0.7	0.5	1.7	1.5	1.2	0.8	1.7	3.1	1.4
Visibility < 2 nautical miles ¹	0.2	0.2	0.2	0.2	0.3	0.2	0.4	0.3	0.3	0.3	0.2	0.2	0.2
Precipitation ¹	3.2	2.9	2.3	2.4	3.7	2.9	3.2	3.5	3.8	4.1	4.4	4.2	3.3
Temperature > 69° F	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	99.9	99.9	99.8
Mean Temperature (°F)	77.6	77.3	77.7	78.5	80.0	81.6	82.1	82.6	82.7	82.2	80.8	78.9	79.9
Temperature < 33° F ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean RH (%)	77	77	77	78	80	80	80	80	79	79	78	77	78
Overcast or Obscured ¹	4.6	4.7	4.2	5.4	11.2	9.8	9.1	8.1	8.3	7.9	6.8	6.6	7.0
Mean Cloud Cover (8 ^{ths})	3.4	3.4	3.2	3.4	4.2	4.1	4.1	3.8	3.9	3.9	3.8	3.7	3.7
Mean SLP (mbs)	1017	1017	1017	1016	1015	1017	1017	1016	1014	1013	1014	1016	1016
Ext. Max. SLP (mbs)	1030	1031	1031	1030	1028	1029	1029	1029	1026	1026	1026	1028	1031
Ext. Min. SLP (mbs)	1000	1001	1002	1001	1002	1003	1003	1000	1001	1000	999	1000	999
Prevailing Wind Direction	E	E	E	E	E	E	E	E	E	E	E	E	E
Thunder and Lightning ¹	0.2	0.2	0.1	0.4	2.2	2.4	2.6	2.8	4.8	5.4	2.8	1.0	1.9

¹ Percentage Frequency[Back to Index](#)

METEOROLOGICAL TABLE – COASTAL AREA OFF SOUTHERN PUERTO RICO

Between 16°N to 18°N and 65°W to 68°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.2	0.2	0.1	0.2
Wave Height > 9 feet ¹	1.7	1.4	1.1	1.0	0.7	1.6	2.4	1.7	1.3	0.2	2.0	2.1	1.4
Visibility < 2 nautical miles ¹	0.2	0.2	0.2	0.3	0.4	0.2	0.4	0.4	0.5	0.3	0.5	0.3	0.3
Precipitation ¹	2.6	2.4	2.5	2.0	4.1	2.1	3.8	3.1	4.7	4.9	4.7	3.8	3.3
Temperature > 69° F	99.7	99.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9
Mean Temperature (°F)	78.5	78.0	78.2	79.3	80.8	82.0	82.3	82.8	82.9	82.6	81.4	79.8	80.5
Temperature < 33° F ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean RH (%)	78	77	78	78	80	80	80	80	80	80	79	78	79
Overcast or Obscured ¹	3.1	2.8	4.6	4.1	10.6	8.0	9.9	8.1	10.0	8.5	5.7	4.3	6.4
Mean Cloud Cover (8 ^{ths})	3.2	3.3	3.3	3.4	4.2	4.1	4.0	3.9	4.0	3.9	3.7	3.5	3.7
Mean SLP (mbs)	1016	1016	1016	1015	1015	1016	1016	1015	1013	1013	1013	1014	1015
Ext. Max. SLP (mbs)	1032	1031	1030	1030	1028	1028	1027	1028	1025	1025	1026	1029	1032
Ext. Min. SLP (mbs)	1001	1001	1002	1001	1002	1004	1004	1000	1001	1000	999	1001	999
Prevailing Wind Direction	E	E	E	E	E	E	E	E	E	E	E	E	E
Thunder and Lightning ¹	0.3	0.3	0.1	0.3	2.0	1.8	2.2	3.2	5.1	5.9	2.4	0.9	1.9

¹ Percentage Frequency

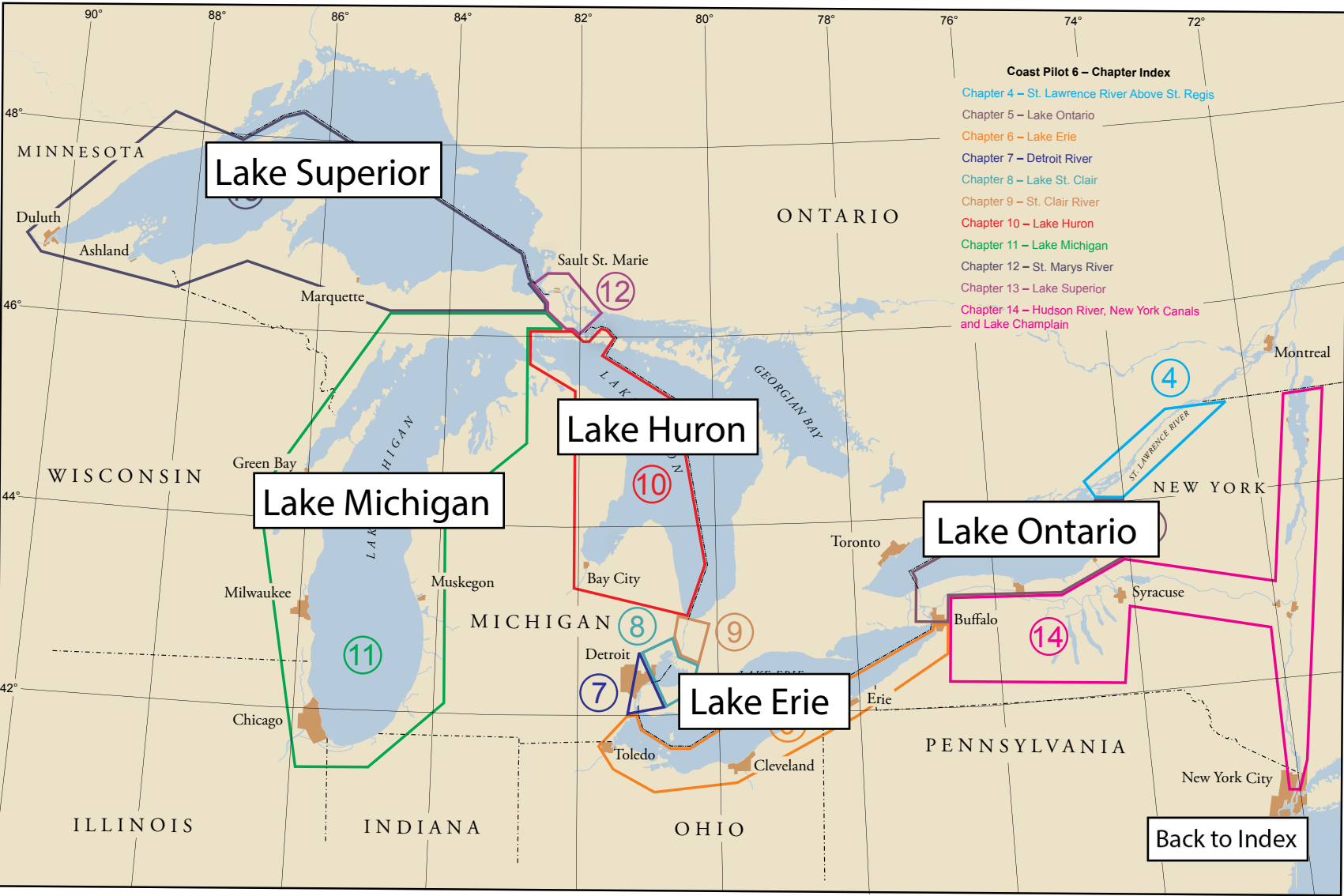
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METEOROLOGICAL TABLE – COASTAL AREA OFF CANAL DE LA MONA, PUERTO RICO

Between 17°N to 19°N and 67°W to 69°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1
Wave Height > 9 feet ¹	2.2	2.1	1.9	1.4	0.7	1.2	1.9	1.7	1.5	1.0	2.1	2.7	1.7
Visibility < 2 nautical miles ¹	0.2	0.2	0.2	0.2	0.4	0.3	0.4	0.3	0.6	0.5	0.3	0.2	0.3
Precipitation ¹	2.6	3.2	2.2	2.1	4.6	3.3	3.7	3.1	4.2	4.2	4.4	3.8	3.4
Temperature > 69° F	99.8	99.7	99.8	99.8	99.9	100.0	100.0	100.0	99.9	100.0	99.9	99.9	99.9
Mean Temperature (°F)	78.1	77.6	78.0	79.0	80.5	81.8	82.2	82.8	82.8	82.4	81.2	79.4	80.5
Temperature < 33° F ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean RH (%)	78	78	78	78	81	81	80	80	80	80	78	78	79
Overcast or Obscured ¹	4.6	5.2	4.0	4.9	11.8	10.9	10.7	8.2	9.6	8.8	6.9	5.3	7.6
Mean Cloud Cover (8 ^{ths})	3.2	3.2	3.1	3.3	4.2	4.2	4.0	3.8	4.0	3.9	3.6	3.4	3.7
Mean SLP (mbs)	1016	1016	1016	1015	1015	1016	1016	1015	1014	1013	1013	1015	1015
Ext. Max. SLP (mbs)	1031	1030	1029	1030	1028	1026	1029	1029	1026	1026	1025	1029	1031
Ext. Min. SLP (mbs)	1001	1001	1002	1001	1002	1004	1003	1001	1000	1000	999	1001	999
Prevailing Wind Direction	E	E	E	E	E	E	E	E	E	E	E	E	E
Thunder and Lightning ¹	0.5	0.3	0.2	0.6	2.8	3.6	3.7	4.5	6.5	6.6	3.1	1.3	2.9

¹ Percentage Frequency[Back to Index](#)



Coast Pilot 6 – Chapter Index

- Chapter 4 – St. Lawrence River Above St. Regis
- Chapter 5 – Lake Ontario
- Chapter 6 – Lake Erie
- Chapter 7 – Detroit River
- Chapter 8 – Lake St. Clair
- Chapter 9 – St. Clair River
- Chapter 10 – Lake Huron
- Chapter 11 – Lake Michigan
- Chapter 12 – St. Marys River
- Chapter 13 – Lake Superior
- Chapter 14 – Hudson River, New York Canals and Lake Champlain

Lake Superior

Lake Huron

Lake Michigan

Lake Ontario

Lake Erie

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METEOROLOGICAL TABLE – COASTAL AREA LAKE SUPERIOR

Between 46.5°N to 49.0°N and 84.0°W to 92.0°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	5.2	0.7	1.6	2.0	1.0	0.4	0.2	0.4	1.7	3.7	5.0	5.5	2.0
Wave Height > 9 feet ¹	6.7	2.7	2.9	1.7	0.9	0.3	0.2	0.3	1.7	3.0	4.5	4.9	1.9
Visibility < 2 nautical miles ¹	13.0	4.5	6.5	5.9	9.1	14.9	16.6	8.7	4.0	3.0	4.3	11.4	8.8
Precipitation ¹	38.5	29.1	16.9	9.7	8.0	5.4	4.1	5.5	8.2	11.7	21.0	34.6	11.3
Temperature > 69° F	0.0	0.1	0.0	0.0	0.3	1.2	4.2	5.8	1.5	0.1	0.0	0.0	1.6
Mean Temperature (°F)	15.0	14.0	27.3	37.3	43.2	48.6	55.5	60.1	55.0	45.2	34.5	24.8	45.3
Temperature < 33° F ¹	93.6	90.3	65.4	18.2	2.4	0.2	0.1	0.0	0.1	3.6	39.0	73.2	14.6
Mean RH (%)	75	77	83	82	81	85	88	88	85	81	82	88	84
Overcast or Obscured ¹	55.8	39.3	36.0	28.5	26.1	25.5	22.7	22.1	26.3	34.0	49.0	57.1	31.4
Mean Cloud Cover (8 ^{ths})	6.5	5.2	5.0	4.5	4.4	4.5	4.4	4.2	4.7	5.3	6.2	6.7	4.9
Mean SLP (mbs)	1016	1018	1019	1015	1015	1014	1014	1015	1016	1013	1015	1017	1015
Ext. Max. SLP (mbs)	1042	1040	1044	1057	1058	1054	1048	1049	1056	1056	1056	1060	1060
Ext. Min. SLP (mbs)	990	987	980	968	971	976	981	982	975	966	961	976	961
Prevailing Wind Direction	W	W	W	NE	NE	W	SW	SW	SW	NW	NW	NW	NW
Thunder and Lightning ¹	0.3	0.1	0.6	0.7	0.9	1.6	2.0	2.2	1.8	0.6	0.3	0.4	1.2

¹ Percentage Frequency[Back to Index](#)

METEOROLOGICAL TABLE – COASTAL AREA LAKE MICHIGAN

Between 41.5°N to 46.0°N and 85.0°W to 88.0°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	5.6	4.5	2.6	1.7	0.8	0.3	0.3	0.5	1.6	3.8	5.1	5.5	2.2
Wave Height > 9 feet ¹	2.8	2.1	1.0	0.9	0.6	0.2	0.2	0.4	1.2	2.5	3.0	3.1	1.4
Visibility < 2 nautical miles ¹	11.4	7.0	8.2	7.4	11.0	11.4	5.7	4.2	2.8	2.0	2.9	6.4	6.1
Precipitation ¹	16.2	9.0	7.8	8.7	5.2	4.1	3.7	5.0	6.1	7.8	12.4	15.7	7.5
Temperature > 69° F	0.0	0.3	0.2	0.0	0.4	4.2	21.5	30.3	8.0	0.3	0.0	0.0	7.1
Mean Temperature (°F)	22.9	25.2	33.6	40.0	46.6	55.8	65.5	67.4	60.9	50.0	39.2	29.9	50.2
Temperature < 33° F ¹	78.7	74.3	38.8	8.5	1.0	0.2	0.1	0.1	0.0	1.0	20.2	55.5	11.3
Mean RH (%)	52	79	80	80	77	81	86	83	82	70	65	84	80
Overcast or Obscured ¹	48.4	41.0	34.5	34.2	26.1	23.3	19.3	22.6	24.4	29.8	44.0	48.9	30.0
Mean Cloud Cover (8 ^{ths})	6.0	5.6	5.0	4.9	4.4	4.3	4.1	4.3	4.5	4.9	5.9	6.1	4.8
Mean SLP (mbs)	1018	1018	1017	1014	1016	1015	1015	1017	1017	1015	1016	1018	1016
Ext. Max. SLP (mbs)	1041	1040	1050	1056	1053	1047	1046	1046	1050	1053	1059	1058	1059
Ext. Min. SLP (mbs)	980	983	979	975	975	973	983	986	980	976	962	970	962
Prevailing Wind Direction	W	NW	N	N	S	S	S	S	S	S	NW	NW	S
Thunder and Lightning ¹	0.1	0.1	0.4	1.1	1.2	2.0	2.5	2.6	1.8	0.8	0.3	0.2	1.4

¹ Percentage Frequency[Back to Index](#)

METEOROLOGICAL TABLE – COASTAL AREA LAKE HURON

Between 43.0°N to 46.5°N and 80.0°W to 85.0°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	3.4	0.3	1.4	1.6	0.5	0.2	0.2	0.4	1.2	2.8	5.0	5.6	1.6
Wave Height > 9 feet ¹	2.2	1.0	1.0	0.5	0.3	0.1	0.2	0.2	0.7	1.5	2.4	2.5	0.8
Visibility < 2 nautical miles ¹	10.0	7.7	9.7	7.9	10.8	10.4	6.5	5.3	3.9	3.3	4.5	7.5	6.8
Precipitation ¹	35.2	31.4	16.4	11.5	7.8	6.0	4.8	6.5	8.6	10.7	17.4	23.8	10.2
Temperature > 69° F	0.0	0.1	0.1	0.2	1.3	6.7	21.7	25.6	6.7	0.4	0.0	0.0	7.8
Mean Temperature (°F)	22.2	21.6	31.4	39.6	47.3	57.1	65.7	66.8	59.9	49.6	39.2	30.5	52.1
Temperature < 33° F ¹	81.6	80.9	49.3	11.7	0.7	0.1	0.0	0.0	0.0	0.9	20.6	54.8	8.5
Mean RH (%)	81	82	78	81	82	85	84	83	79	80	82	85	82
Overcast or Obscured ¹	56.3	44.9	35.7	32.5	27.2	22.4	18.8	21.9	26.1	32.2	48.4	53.6	29.9
Mean Cloud Cover (8 ^{ths})	6.4	5.6	4.9	4.8	4.5	4.3	4.1	4.3	4.7	5.2	6.2	6.5	4.9
Mean SLP (mbs)	1016	1020	1016	1015	1015	1015	1014	1016	1017	1015	1015	1017	1015
Ext. Max. SLP (mbs)	1045	1049	1046	1047	1058	1051	1048	1046	1051	1060	1057	1055	1060
Ext. Min. SLP (mbs)	981	985	979	975	973	973	981	986	978	971	964	965	964
Prevailing Wind Direction	W	NW	NW	NW	NW	S	S	SW	S	S	W	W	S
Thunder and Lightning ¹	0.5	0.4	0.5	0.7	1.1	1.8	2.2	2.3	1.7	0.7	0.3	0.3	1.3

¹ Percentage Frequency[Back to Index](#)

METEOROLOGICAL TABLE – COASTAL AREA LAKE ERIE

Between 41.3°N to 43.0°N and 79.0°W to 83.5°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	5.1	1.6	1.3	1.5	0.6	0.4	0.2	0.3	1.0	3.6	5.9	8.2	2.0
Wave Height > 9 feet ¹	1.2	0.3	0.3	0.3	0.2	0.2	0.1	0.2	0.4	1.6	2.1	2.6	0.7
Visibility < 2 nautical miles ¹	10.4	8.0	11.0	7.6	7.3	7.6	5.9	7.2	3.4	2.9	3.7	6.8	5.9
Precipitation ¹	35.4	34.5	20.7	12.1	8.7	6.1	5.4	5.9	7.7	10.1	15.5	21.9	9.9
Temperature > 69° F	0.0	0.1	0.1	0.3	3.7	23.0	62.9	64.3	24.4	0.9	0.0	0.0	22.3
Mean Temperature (°F)	23.5	28.2	36.7	43.5	54.2	65.4	72.1	72.1	65.3	54.3	43.5	34.3	57.8
Temperature < 33° F ¹	78.8	61.2	26.8	4.8	0.5	0.0	0.0	0.0	0.0	0.3	8.6	37.2	4.6
Mean RH (%)	81	82	80	81	81	82	80	79	78	77	78	82	80
Overcast or Obscured ¹	52.6	44.6	44.2	32.5	26.4	21.0	18.2	22.0	24.0	29.3	46.6	55.0	28.8
Mean Cloud Cover (8 ^{ths})	6.2	5.6	5.5	4.9	4.6	4.2	4.1	4.3	4.5	5.0	6.1	6.5	4.8
Mean SLP (mbs)	1017	1019	1017	1015	1015	1015	1015	1016	1018	1016	1017	1018	1016
Ext. Max. SLP (mbs)	1042	1046	1038	1049	1052	1040	1042	1046	1054	1049	1053	1046	1054
Ext. Min. SLP (mbs)	985	985	984	969	979	980	984	983	981	979	969	968	968
Prevailing Wind Direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Thunder and Lightning ¹	0.6	0.6	0.6	1.0	1.5	3.0	3.3	3.0	2.2	1.0	0.5	0.3	1.9

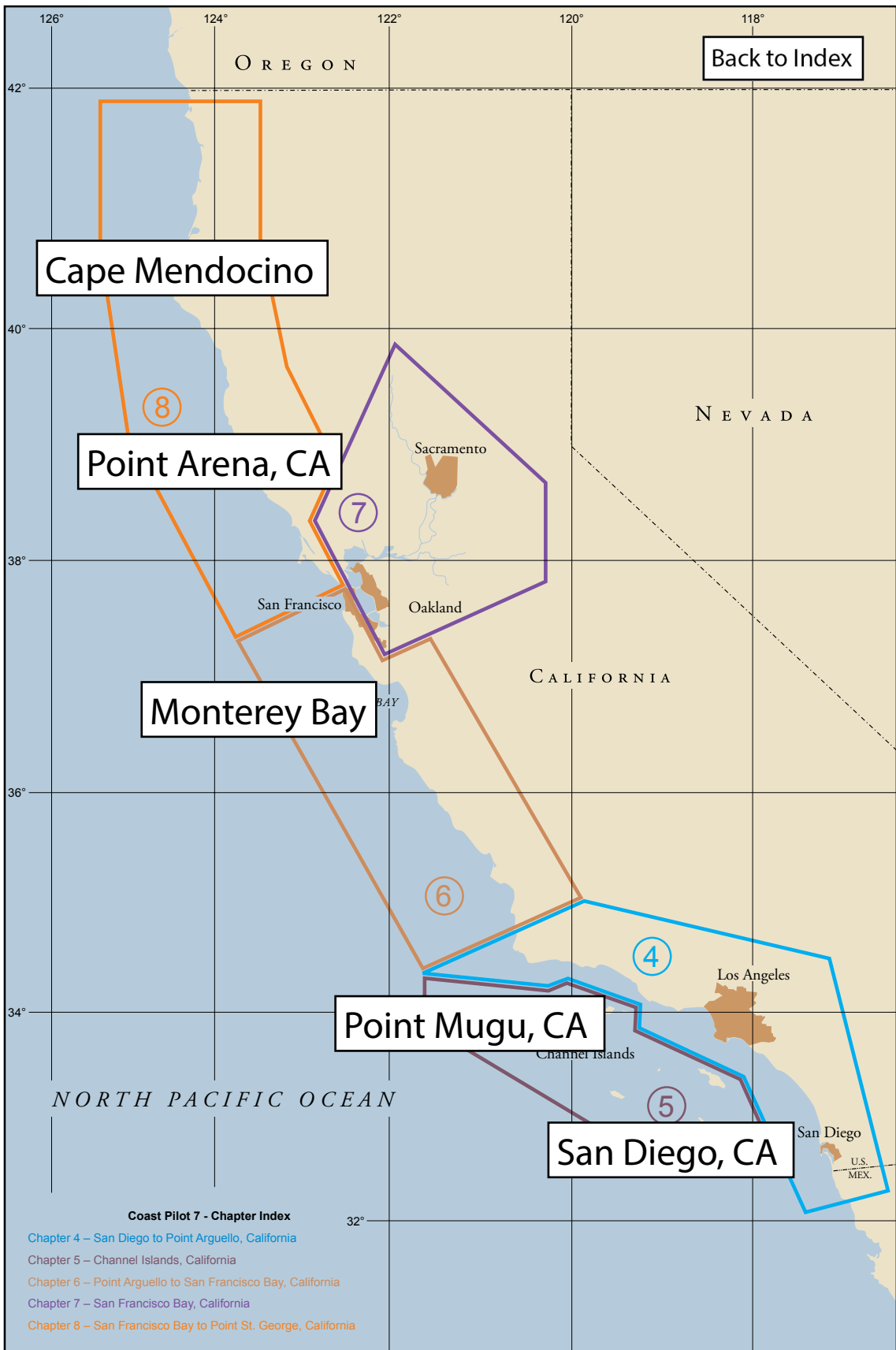
¹ Percentage Frequency[Back to Index](#)

METEOROLOGICAL TABLE – COASTAL AREA LAKE ONTARIO

Between 43.0°N to 44.2°N and 76.0°W to 79.9°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	1.8	0.6	0.4	1.0	0.2	0.1	0.1	0.2	0.4	2.0	3.5	6.2	1.2
Wave Height > 9 feet ¹	1.8	0.6	0.5	0.5	0.2	0.1	0.0	0.1	0.3	1.4	2.4	2.7	0.7
Visibility < 2 nautical miles ¹	19.1	11.5	9.5	5.5	11.3	13.0	6.9	5.6	5.5	4.0	4.9	7.8	7.6
Precipitation ¹	16.0	9.4	12.4	13.1	8.8	6.8	5.2	5.9	9.3	11.0	16.8	22.0	10.2
Temperature > 69° F	0.0	0.0	0.0	0.1	1.5	8.7	41.7	47.1	12.9	0.6	0.0	0.0	12.7
Mean Temperature (°F)	25.2	27.9	35.3	41.3	49.8	60.1	69.3	69.7	62.7	52.1	42.2	32.9	54.0
Temperature < 33° F ¹	67.5	63.7	26.8	6.1	0.2	0.0	0.0	0.0	0.1	0.5	11.2	44.3	5.9
Mean RH (%)	86	83	83	80	83	85	81	80	80	79	80	85	82
Overcast or Obscured ¹	44.8	38.8	38.9	31.8	29.7	24.1	16.8	19.7	25.0	27.9	44.9	50.3	28.7
Mean Cloud Cover (8 ^{ths})	5.7	4.7	5.1	4.7	4.8	4.4	4.0	4.1	4.5	4.9	6.0	6.3	4.8
Mean SLP (mbs)	1017	1020	1017	1015	1015	1014	1014	1016	1017	1017	1016	1018	1016
Ext. Max. SLP (mbs)	1046	1037	1039	1043	1034	1032	1035	1037	1038	1039	1043	1042	1046
Ext. Min. SLP (mbs)	989	988	990	978	977	986	995	992	989	984	983	988	977
Prevailing Wind Direction	W	SW	NW	W	W	SW	SW	SW	SW	W	W	W	W
Thunder and Lightning ¹	0.0	0.0	0.5	0.8	1.0	1.8	2.0	2.0	1.4	0.8	0.2	0.3	1.2

¹ Percentage Frequency[Back to Index](#)



METEOROLOGICAL TABLE – COASTAL AREA OFF CAPE MENDOCINO

Between 40°N to 42°N and 124°W to 127°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	6.5	5.1	4.4	3.2	4.6	3.4	3.7	2.4	3.2	2.9	4.2	6.0	4.1
Wave Height > 9 feet ¹	10.8	8.8	10.7	5.5	9.9	7.4	8.8	5.9	6.9	5.0	7.7	11.3	8.2
Visibility < 2 nautical miles ¹	6.9	7.2	5.3	3.2	4.6	6.6	11.0	11.0	11.1	9.8	8.9	7.4	7.7
Precipitation ¹	15.1	12.9	12.2	8.2	4.3	3.2	2.1	3.2	3.3	6.1	12.3	15.0	7.6
Temperature > 69° F	0.0	0.0	0.0	0.1	0.2	0.8	0.9	2.2	1.7	0.8	0.2	0.0	0.6
Mean Temperature (°F)	51.7	51.8	52.1	52.6	54.2	56.7	58.2	59.5	59.5	57.6	55.0	52.5	55.3
Temperature < 33° F ¹	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Mean RH (%)	84	83	82	81	83	84	86	87	86	85	83	83	84
Overcast or Obscured ¹	38.8	39.8	35.8	31.6	31.4	32.4	40.4	40.5	35.5	33.2	36.5	37.5	36.1
Mean Cloud Cover (8 ^{ths})	5.4	5.5	5.3	4.9	4.8	4.6	4.8	4.8	4.3	4.5	5.2	5.4	4.9
Mean SLP (mbs)	1018	1018	1018	1019	1019	1018	1017	1017	1015	1017	1018	1018	1018
Ext. Max. SLP (mbs)	1042	1060	1047	1036	1050	1045	1043	1042	1044	1043	1037	1038	1060
Ext. Min. SLP (mbs)	960	982	984	985	992	992	998	993	990	987	978	984	960
Prevailing Wind Direction	S	S	N	N	N	N	N	N	N	N	N	S	N
Thunder and Lightning ¹	0.3	0.8	0.2	0.3	0.1	0.2	0.1	0.0	0.2	0.4	0.5	0.4	0.3

¹ Percentage Frequency

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METEOROLOGICAL TABLE – COASTAL AREA OFF POINT ARENA, CA

Between 38°N to 40°N and 122°W to 127°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	3.6	3.1	3.3	4.1	6.1	4.8	4.0	2.4	2.6	2.8	2.6	3.4	3.6
Wave Height > 9 feet ¹	9.8	9.8	10.3	12.6	15.3	11.1	11.2	8.1	7.6	60	7.4	9.1	10.1
Visibility < 2 nautical miles ¹	8.0	8.6	5.7	4.1	5.2	7.0	9.4	10.0	11.8	9.7	9.4	10.4	8.2
Precipitation ¹	11.1	10.5	9.4	5.6	3.2	2.3	1.8	1.6	2.0	4.4	9.0	12.0	5.6
Temperature > 69° F	0.2	0.1	1.0	0.3	1.2	2.4	2.3	3.8	3.1	1.6	0.7	0.1	1.5
Mean Temperature (°F)	52.3	52.9	53.6	53.6	55.3	57.4	59.1	60.4	60.5	58.9	56.2	53.5	56.4
Temperature < 33° F ¹	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean RH (%)	82	81	80	80	82	84	85	85	85	85	82	82	83
Overcast or Obscured ¹	33.6	34.2	29.5	25.1	26.3	31.2	39.2	38.6	34.2	29.0	31.4	34.9	32.3
Mean Cloud Cover (8 ^{ths})	5.0	5.0	4.7	4.4	4.2	4.3	4.7	4.6	4.3	4.2	4.6	5.0	4.6
Mean SLP (mbs)	1019	1019	1018	1018	1017	1016	1016	1015	1015	1017	1019	1019	1017
Ext. Max. SLP (mbs)	1047	1036	1041	1043	1043	1042	1035	1030	1030	1033	1041	1051	1051
Ext. Min. SLP (mbs)	985	984	982	994	993	996	998	997	1000	995	985	991	982
Prevailing Wind Direction	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	NW
Thunder and Lightning ¹	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.2	0.2	0.1	0.3	0.2

¹ Percentage Frequency[Back to Index](#)

METEOROLOGICAL TABLE – COASTAL AREA OFF MONTEREY BAY

Between 36°N to 38°N and 121°W to 126°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	2.2	2.2	2.9	2.9	2.9	2.4	1.1	0.8	1.0	1.5	1.9	2.9	2.1
Wave Height > 9 feet ¹	6.2	5.9	7.8	9.1	9.8	7.4	5.8	4.8	4.2	3.8	5.3	7.1	6.5
Visibility < 2 nautical miles ¹	7.8	7.3	4.6	3.4	4.7	6.2	7.9	7.6	8.2	8.9	8.8	8.1	6.9
Precipitation ¹	9.4	7.4	6.9	3.8	2.7	2.6	2.0	2.1	2.0	2.6	5.2	7.7	4.4
Temperature > 69° F	0.2	0.1	0.2	0.2	0.4	0.7	1.1	2.0	2.4	1.3	0.5	0.3	0.8
Mean Temperature (°F)	53.7	53.9	54.1	54.2	55.6	57.6	59.2	60.5	61	59.7	57.4	55.2	56.9
Temperature < 33° F ¹	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean RH (%)	82	83	81	81	83	85	86	87	85	85	83	81	84
Overcast or Obscured ¹	30.2	30.6	28.9	25.7	31.8	38.4	49.8	46.9	35.9	30.3	25.3	27.4	33.7
Mean Cloud Cover (8 ^{ths})	4.8	4.8	4.8	4.4	4.7	4.7	5.3	5.1	4.5	4.3	4.3	4.5	4.7
Mean SLP (mbs)	1019	1019	1018	1018	1017	1016	1016	1016	1015	1017	1019	1019	1017
Ext. Max. SLP (mbs)	1050	1051	1049	1041	1040	1042	1032	1031	1039	1033	1044	1042	1051
Ext. Min. SLP (mbs)	984	985	983	989	994	995	999	998	1000	997	996	989	983
Prevailing Wind Direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NW
Thunder and Lightning ¹	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1

¹ Percentage Frequency[Back to Index](#)

METEOROLOGICAL TABLE – COASTAL AREA OFF POINT MUGU, CA

Between 34°N to 36°N and 119°W to 125°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	1.0	1.5	2.0	2.2	1.8	1.5	0.7	0.4	0.5	0.9	1.1	1.4	1.3
Wave Height > 9 feet ¹	4.4	6.0	8.1	10.4	10.6	8.1	5.3	4.4	3.9	3.8	4.6	6.4	6.4
Visibility < 2 nautical miles ¹	4.5	6.3	4.6	4.9	5.7	5.8	8.5	8.0	7.7	8.7	5.5	5.6	6.3
Precipitation ¹	5.5	5.8	5.0	3.2	1.6	1.7	1.5	1.6	1.4	1.4	3.4	4.8	3.0
Temperature > 69° F	0.6	0.5	0.5	0.5	0.7	1.4	3.4	3.6	4.2	2.6	1.5	0.8	1.7
Mean Temperature (°F)	55.5	55.8	55.9	56.7	57.6	59.4	61.1	62.1	62.8	61.7	59.5	57.4	58.8
Temperature < 33° F ¹	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean RH (%)	79	79	80	80	82	84	86	86	85	84	81	79	82
Overcast or Obscured ¹	21.2	25.7	24.4	24.5	32.1	40.0	50.6	48.2	36.6	29.4	18.9	20.4	31.4
Mean Cloud Cover (8 ^{ths})	4.1	4.3	4.3	4.2	4.5	4.7	5.4	5.4	4.6	4.3	3.7	3.9	4.5
Mean SLP (mbs)	1019	1019	1018	1017	1016	1015	1015	1015	1014	1016	1018	1019	1017
Ext. Max. SLP (mbs)	1036	1036	1045	1043	1035	1031	1033	1030	1032	1034	1040	1039	1045
Ext. Min. SLP (mbs)	987	992	990	996	997	995	998	998	996	998	996	991	987
Prevailing Wind Direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Thunder and Lightning ¹	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1

¹ Percentage Frequency

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METEOROLOGICAL TABLE – COASTAL AREA OFF SAN DIEGO, CA

Between 31°N to 34°N and 116°W to 120°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	0.4	0.5	0.4	0.4	0.3	0.1	0.0	0.0	0.1	0.1	0.2	0.5	48
Wave Height > 9 feet ¹	0.8	1.3	1.7	1.8	1.2	0.8	0.5	0.3	0.4	0.6	0.9	1.2	48
Visibility < 2 nautical miles ¹	4.4	4.5	2.8	2.4	1.5	3.2	2.9	2.2	3.0	4.7	3.3	4.0	48
Precipitation ¹	3.6	3.6	2.4	1.7	1.2	1.4	0.8	0.5	0.9	0.9	2.1	3.1	1.8
Temperature > 69° F	1.2	0.8	1.2	1.4	1.9	3.0	9.2	14.7	14.8	9.0	4.4	1.7	5.4
Mean Temperature (°F)	58.3	58.4	58.5	59.3	60.4	62.1	64.7	66.4	66.5	65.2	62.7	59.9	61.9
Temperature < 33° F ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean RH (%)	77	79	78	79	81	83	84	84	83	81	77	76	80
Overcast or Obscured ¹	19.4	21.4	22.2	25.7	37.9	48.1	45.7	38.8	31.4	26.3	15.4	16.7	29.3
Mean Cloud Cover (8 ^{ths})	3.8	3.9	4.1	4.2	5.0	5.5	5.6	5.3	4.6	4.2	3.4	3.5	4.4
Mean SLP (mbs)	1018	1018	1017	1015	1015	1013	1013	1013	1012	1014	1017	1018	1015
Ext. Max. SLP (mbs)	1040	1040	1037	1034	1030	1029	1027	1027	1028	1031	1035	1040	1040
Ext. Min. SLP (mbs)	996	996	995	998	999	998	999	998	997	997	999	995	995
Prevailing Wind Direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Thunder and Lightning ¹	0.1	0.1	0.2	0.1	0.0	0.1	0.2	0.1	0.3	0.2	0.1	0.1	0.1

¹ Percentage Frequency

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- Chapter 6 – West Coast of Prince of Wales Island
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- Chapter 8 – Frederick Sound
- Chapter 9 – Stephens Passage
- Chapter 10 – Chatham Strait
- Chapter 11 – Lynn Canal
- Chapter 12 – West Coast of Baranof Island
- Chapter 13 – Salisbury Sound and Peril Strait
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- Chapter 15 – Cross Sound and Icy Strait

Sitka, AK

Queen Charlotte

Vancouver Island



METEOROLOGICAL TABLE – COASTAL AREA OFF SITKA, ALASKA (Between 56°N to 60°N and 131°W to 140°W)

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	8.9	7.6	5.4	2.9	1.1	0.4	0.3	0.7	2.1	4.6	7.1	9.1	3.5
Wave Height > 9 feet ¹	14.0	10.0	7.9	4.2	2.8	1.8	1.0	1.8	3.5	7.1	8.3	13.2	5.4
Visibility < 2 nautical miles ¹	8.8	8.3	7.7	2.8	2.8	6.3	7.7	8.3	6.8	6.4	5.7	6.8	6.4
Precipitation ¹	26.4	20.3	22.6	21.0	18.8	19.8	18.4	18.3	20.8	28.9	28.5	25.6	22.1
Temperature > 69° F	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.2	0.0	0.1	0.0	0.1
Mean Temperature (°F)	37.9	38.3	39.1	42.5	46.8	51.3	54.9	56.0	53.2	46.9	40.7	39.7	47.0
Temperature < 33° F ¹	15.7	14.3	7.6	0.5	0.0	0.1	0.0	0.0	0.0	0.3	9.9	7.9	3.5
Mean RH (%)	85.0	84.0	82.0	82.0	83.0	84.0	85.0	86.0	85.0	84.0	83.0	84.0	84.0
Overcast or Obscured ¹	54.4	51.8	48.7	49.6	52.0	56.1	59.1	51.9	48.2	57.9	50.9	56.2	53.2
Mean Cloud Cover (8 ^{ths})	6.3	6.2	6.0	6.1	6.3	6.6	6.7	6.2	6.0	6.6	6.3	6.5	6.3
Mean SLP (mbs)	1010	1008	1010	1012	1015	1015	1017	1016	1013	1007	1007	1006	1012
Ext. Max. SLP (mbs)	1050	1047	1045	1050	1043	1036	1040	1040	1039	1034	1041	1046	1050
Ext. Min. SLP (mbs)	962	961	959	968	973	976	994	987	967	953	958	955	953
Prevailing Wind Direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Thunder and Lightning ¹	0.8	0.2	0.7	0.1	0.6	0.2	0.2	0.1	0.5	0.4	0.7	0.3	0.4

¹ Percentage Frequency

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METEOROLOGICAL TABLE – COASTAL AREA OFF QUEEN CHARLOTTE (Between 53°N to 56°N and 128° to 135°W)

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	5.3	3.0	2.5	1.6	1.1	0.4	0.2	0.4	1.1	3.1	4.1	3.8	2.0
Wave Height > 9 feet ¹	16.3	17.2	17.7	18.5	5.1	3.9	1.0	0.8	3.5	28.2	15.9	19.7	11.9
Visibility < 2 nautical miles ¹	10.4	9.2	7.1	5.2	7.8	8.5	12.4	14.2	12.8	12.4	10.0	9.2	10.2
Precipitation ¹	33.3	29.8	23.5	24.8	21.9	17.8	16.8	19.6	22.9	30.5	32.5	29.4	24.2
Temperature > 69° F	0.0	0.0	0.0	0.0	0.2	0.6	1.3	0.5	0.1	0.0	0.0	0.0	0.3
Mean Temperature (°F)	40.3	40.2	41.0	45.1	49.5	53.0	56.5	56.8	55.8	50.0	43.9	39.9	48.8
Temperature < 33° F ¹	11.0	9.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.8	10.9	2.6
Mean RH (%)	86.0	84.0	82.0	81.0	83.0	84.0	86.0	86.0	86.0	85.0	84.0	85.0	85.0
Overcast or Obscured ¹	56.0	54.7	44.8	42.6	44.1	44.1	49.8	41.3	43.2	44.8	52.1	51.2	46.8
Mean Cloud Cover (8 ^{ths})	6.3	6.4	6.0	5.9	6.1	6.2	6.4	5.9	5.9	6.3	6.5	6.2	6.2
Mean SLP (mbs)	1009	1013	1010	1013	1017	1017	1018	1015	1015	1010	1007	1008	1013
Ext. Max. SLP (mbs)	1047	1044	1041	1036	1040	1036	1039	1033	1036	1037	1051	1047	1051
Ext. Min. SLP (mbs)	969	968	965	978	977	984	986	988	974	968	964	959	959
Prevailing Wind Direction	SE	SE	SE	SE	NW	SE	NW	NW	SE	SE	SE	SE	SE
Thunder and Lightning ¹	0.3	0.3	0.5	0.3	0.1	0.1	0.2	0.2	0.3	0.2	0.7	0.2	0.3

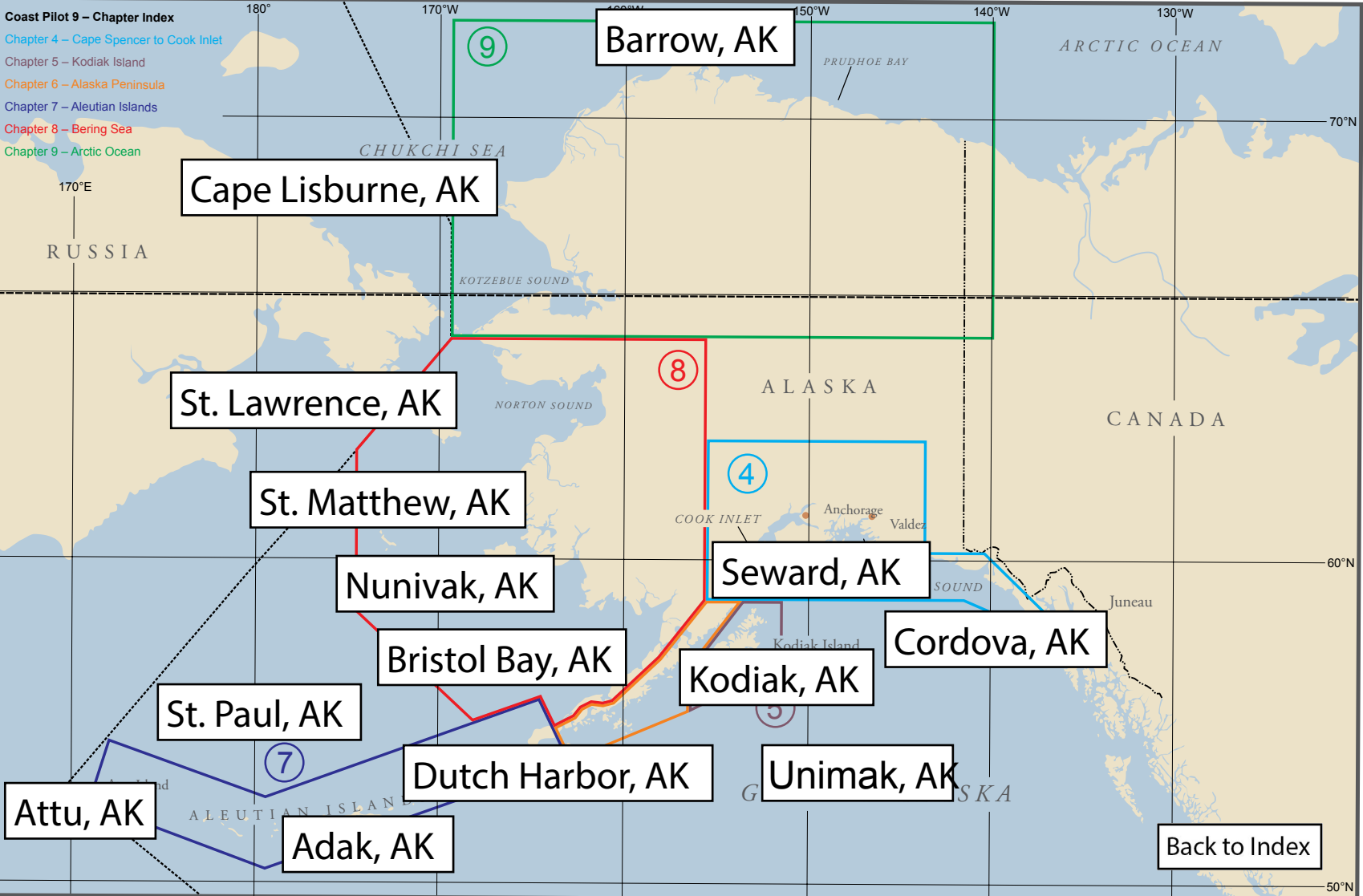
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METEOROLOGICAL TABLE – COASTAL AREA OFF VANCOUVER ISLAND (Between 50°N to 53°N and 127°W to 134°W)													
WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	9.1	6.2	4.3	3.0	1.6	0.8	0.5	0.6	1.3	3.8	6.6	7.2	3.5
Wave Height > 9 feet ¹	28.1	31.2	25.1	26.9	8.0	8.7	3.0	3.5	10.8	35.8	39.1	48.6	22.4
Visibility < 2 nautical miles ¹	11.1	9.8	7.2	5.8	6.9	6.8	8.2	9.4	10.5	10.3	7.4	8.9	8.5
Precipitation ¹	25.7	24.1	21.4	19.0	15.8	15.4	12.8	11.7	14.3	21.3	25.6	25.2	18.9
Temperature > 69° F	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.5	0.2	0.0	0.0	0.0	0.1
Mean Temperature (°F)	44.5	43.9	44.2	46.4	49.7	53.3	57.0	58.3	57.5	52.9	47.7	44.9	50.4
Temperature < 33° F ¹	2.2	1.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.4	2.0	0.5
Mean RH (%)	84.0	83.0	82.0	82.0	82.0	83.0	85.0	86.0	85.0	84.0	82.0	83.0	84.0
Overcast or Obscured ¹	56.6	52.3	46.1	42.4	46.0	50.9	51.7	45.3	40.5	43.7	47.3	51.2	47.6
Mean Cloud Cover (8 ^{ths})	6.6	6.4	6.1	5.9	6.2	6.4	6.4	6.0	5.6	6.1	6.3	6.4	6.2
Mean SLP (mbs)	1010	1012	1011	1014	1017	1017	1019	1017	1016	1013	1009	1009	1014
Ext. Max. SLP (mbs)	1057	1051	1040	1045	1046	1041	1035	1036	1038	1050	1040	1048	1057
Ext. Min. SLP (mbs)	956	959	955	962	984	979	983	983	972	951	954	956	951
Prevailing Wind Direction	SE	S	SE	S	NW	NW	NW	NW	NW	S	SE	SE	NW
Thunder and Lightning ¹	0.3	0.3	0.3	0.3	0.1	0.1	0.0	0.1	0.2	0.2	0.5	0.3	0.2

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Barrow, AK

Cape Lisburne, AK

St. Lawrence, AK

St. Matthew, AK

Nunivak, AK

Bristol Bay, AK

St. Paul, AK

Attu, AK

Adak, AK

Dutch Harbor, AK

Kodiak, AK

Unimak, AK

Seward, AK

Cordova, AK

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METEOROLOGICAL TABLE – COASTAL AREA OFF BARROW, AK
Between 70°N to 74°N and 145°W to 170°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	0.8	0.0	0.0	2.9	0.4	0.5	0.5	0.5	1.2	1.8	3.5	1.7	1.0
Wave Height > 9 feet ¹	0.0	0.0	0.8	2.6	0.0	0.0	0.6	0.3	1.9	0.8	7.1	0.0	1.0
Visibility < 2 nautical miles ¹	16.7	12.6	7.6	12.2	9.4	18.5	29.1	21.7	19.5	17.1	9.7	10.0	21.4
Precipitation ¹	30.3	17.3	18.4	25.9	28.9	21.2	11.6	13.8	26.2	32.5	18.3	23.8	18.8
Temperature > 69° F	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean Temperature (°F)	-16.4	-14.6	-15.7	2.6	22.0	31.2	37.6	37.0	30.7	12.4	-8.5	-13.0	27.0
Temperature < 33° F ¹	100	99.5	100	98.6	92.3	69.1	9.7	20.5	58.1	93.5	99.3	100	45
Mean RH (%)	99	89	91	95	97	97	91	91	91	90	94	100	92
Overcast or Obscured ¹	27.0	26.4	20.5	33.9	65.2	47.8	47.4	61.7	68.0	50.2	30.1	35.9	54.7
Mean Cloud Cover (8 ^{ths})	4.4	4.2	3.8	4.9	6.8	6.3	6.0	6.8	7.1	5.8	3.7	4.4	6.3
Mean SLP (mbs)	1022	1023	1018	1016	1021	1016	1014	1012	1012	1014	1017	1019	1014
Ext. Max. SLP (mbs)	1045	1046	1039	1042	1041	1038	1035	1033	1039	1042	1050	1048	1050
Ext. Min. SLP (mbs)	992	996	998	989	990	994	981	976	983	986	983	981	976
Prevailing Wind Direction	W	N	NE	E	E	N	E	E	E	NE	E	E	E
Thunder and Lightning ¹	1.5	0.9	0.0	0.0	0.7	0.0	0.0	0.0	0.1	0.1	0.0	0.9	0.1

¹ Percentage Frequency

These data are based upon observations made by ships in transit. These ships tend to avoid bad weather when possible thus biasing the data toward good weather samples.

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METEOROLOGICAL TABLE – COASTAL AREA OFF CAPE LISBURNE, AK
Between 66°N to 70°N and 170°W to 180°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	0.0	0.0	0.0	0.0	0.0	0.7	0.4	0.7	1.7	5.8	3.4	27.3	1.4
Wave Height > 9 feet ¹	25.0	0.0	50.0	0.0	0.0	0.0	1.2	3.0	8.4	11.4	28.6	44.4	4.5
Visibility < 2 nautical miles ¹	33.3	33.3	25.0	33.3	18.2	25.6	24.1	22.5	9.8	16.7	16.7	0.0	19.9
Precipitation ¹	0.0	50.0	33.3	50.0	37.5	7.3	7.5	9.5	15.9	35.1	50.0	22.2	12.8
Temperature > 69° F	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean Temperature (°F)	33.3	14.4	27.5	32.7	36.9	39.7	42.2	41.2	35.0	26.4	14.1	9.0	38.2
Temperature < 33° F ¹	50.0	66.7	50.0	66.7	23.1	9.0	2.9	4.5	29.9	80.1	92.9	91.7	18.3
Mean RH (%)	90			88	97	72	93	89	89	86	91		89
Overcast or Obscured ¹	100.0	0.0	75.0	66.7	83.3	41.3	43.5	59.9	60.5	63.6	66.7	45.5	54.1
Mean Cloud Cover (8 ^{ths})	8.5	5.8	7.3	7.7	7.4	5.7	6.0	6.8	6.7	7.0	6.7	5.9	6.5
Mean SLP (mbs)	991	1017	1010	1003	1011	1013	1011	1012	1012	1010	1013	1006	1011
Ext. Max. SLP (mbs)	1004	1038	1027	1009	1023	1029	1046	1035	1040	1044	1030	1021	1046
Ext. Min. SLP (mbs)	979	1002	996	997	992	987	987	985	975	975	979	984	975
Prevailing Wind Direction	SE	N	W	W	N	SE	SE	N	NW	N	NE	N	NW
Thunder and Lightning ¹	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.4	0.0	0.0	0.1

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METEOROLOGICAL TABLE – COASTAL AREA OFF ST. LAWRENCE, AK
Between 62°N to 66°N and 160°W to 172°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	5.1	2.3	2.7	3.4	0.6	0.3	0.6	0.5	2.6	6.1	14.4	5.3	1.6
Wave Height > 9 feet ¹	25.0	0.0	1.0	0.7	0.0	0.3	0.9	2.3	3.6	3.3	10.3	25.0	2.1
Visibility < 2 nautical miles ¹	22.4	17.5	11.6	12.8	16.5	18.9	20.1	13.7	7.6	6.8	7.9	10.0	14.5
Precipitation ¹	20.8	33.3	18.5	21.1	25.1	7.9	10.4	13.6	17.9	22.6	38.7	15.0	15.0
Temperature > 69° F	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Mean Temperature (°F)	23.8	11.8	14.5	17.2	32.5	41.8	47.6	48.4	43.6	33.2	25.9	23.9	42.5
Temperature < 33° F ¹	95.7	97.0	95.3	94.1	46.5	2.4	0.1	0.0	1.2	40.4	68.9	81.8	12.7
Mean RH (%)	98	90	78	82	90	87	89	88	86	85	88	91	87
Overcast or Obscured ¹	69.4	62.6	37.4	31.1	68.7	52.6	60.6	55.6	53.4	49.8	65.7	52.4	55.5
Mean Cloud Cover (8 ^{ths})	6.7	6.7	4.6	4.2	6.8	6.2	6.7	6.7	6.6	6.3	6.9	6.3	6.5
Mean SLP (mbs)	1015	1002	1013	1013	1007	1012	1012	1010	1009	1005	1003	1000	1010
Ext. Max. SLP (mbs)	1042	1039	1043	1034	1025	1030	1032	1033	1042	1036	1032	1030	1043
Ext. Min. SLP (mbs)	979	981	976	983	989	980	991	976	973	971	960	980	960
Prevailing Wind Direction	SE	N	N	N	N	S	S	N	N	N	N	N	N
Thunder and Lightning ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.9	0.0	0.1

¹ Percentage Frequency

These data are based upon observations made by ships in transit. These ships tend to avoid bad weather when possible thus biasing the data toward good weather samples.

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METEOROLOGICAL TABLE – COASTAL AREA OFF ST. MATTHEW, AK
Between 59°N to 62°N and 171° to 178°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	8.3	10.1	8.2	3.8	2.9	0.5	0.3	1.0	4.8	3.6	7.2	9.1	5.2
Wave Height > 9 feet ¹	26.5	23.8	10.0	13.4	4.0	0.7	1.0	1.0	5.9	11.2	20.5	24.8	13.6
Visibility < 2 nautical miles ¹	22.8	28.6	24.9	22.5	22.6	30.3	30.7	27.4	14.6	6.8	14.0	24.0	23.4
Precipitation ¹	31.3	36.5	27.4	31.6	19.5	12.9	14.7	26.0	26.5	29.3	32.5	37.7	28.1
Temperature > 69° F	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean Temperature (°F)	27.0	19.2	19.7	24.8	33.8	39.8	46.6	48.4	45.8	38.5	30.0	23.5	33.7
Temperature < 33° F ¹	64.2	87.0	94.3	73.1	37.9	1.6	0.0	0.2	0.2	8.5	61.1	81.5	41.6
Mean RH (%)	88	85	82	80	90	91	92	92	88	86	84	91	89
Overcast or Obscured ¹	65.8	62.3	54.8	58.1	79.5	80.2	83.4	79.5	64.7	70.8	70.9	68.2	70.5
Mean Cloud Cover (8 ^{ths})	6.9	6.8	6.3	6.6	7.6	7.6	7.7	7.6	7.2	7.4	7.3	7.3	7.2
Mean SLP (mbs)	1001	1002	1009	1010	1009	1012	1013	1008	1007	1006	1003	1004	1006
Ext. Max. SLP (mbs)	1045	1050	1042	1041	1035	1032	1041	1045	1041	1040	1040	1041	1050
Ext. Min. SLP (mbs)	961	964	964	981	978	983	971	975	968	965	963	955	955
Prevailing Wind Direction	NE	NE	NE	NE	NE	E	SW	SW	NE	N	NE	NE	NE
Thunder and Lightning ¹	0.1	0.1	0.2	0.0	0.0	0.1	0.1	0.0	0.1	0.3	0.2	0.2	0.1

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METEOROLOGICAL TABLE – COASTAL AREA OFF NUNIVAK, AK
Between 59°N to 62°N and 165°W to 171°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	3.4	4.9	3.1	1.6	4.6	2.6	0.8	0.9	3.9	9.0	13.1	4.7	3.1
Wave Height > 9 feet ¹	19.9	10.6	1.4	2.7	5.1	4.2	1.1	2.9	6.2	11.4	18.3	11.8	5.9
Visibility < 2 nautical miles ¹	24.7	22.5	20.5	10.9	18.5	20.5	25.9	22.4	10.2	5.1	13.3	20.1	19.4
Precipitation ¹	28.3	26.6	27.8	29.5	15.2	14.3	14.7	16.0	19.1	24.6	38.4	19.8	19.1
Temperature > 69° F	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean Temperature (°F)	26.6	22.1	24.8	27.2	36.6	40.4	46.2	48.0	46.3	40.1	32.1	23.4	40.0
Temperature < 33° F ¹	78.2	90.2	75.9	71.9	22.3	4.1	0.1	0.0	0.1	9.9	44.8	86.9	20.1
Mean RH (%)	92	76	90	86	88	91	92	92	88	86	82	85	90
Overcast or Obscured ¹	65.4	58.5	66.7	55.7	70.4	69.2	74.4	76.5	62.5	60.2	63.0	60.8	68.0
Mean Cloud Cover (8 ^{ths})	6.8	5.9	6.5	6.4	6.8	7.1	7.5	7.4	7.2	7.1	7.1	6.9	7.1
Mean SLP (mbs)	1011	1008	1009	1010	1009	1012	1013	1011	1009	1004	1001	1008	1010
Ext. Max. SLP (mbs)	1043	1043	1035	1032	1031	1043	1035	1029	1037	1030	1030	1042	1043
Ext. Min. SLP (mbs)	966	967	971	984	976	981	986	981	978	959	970	973	959
Prevailing Wind Direction	SE	NE	SE	N	E	N	S	SW	N	N	N	N	N
Thunder and Lightning ¹	0.0	0.3	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.4	0.0	0.0	0.1

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METEOROLOGICAL TABLES – COASTAL AREA OFF BRISTOL BAY, AK
Between 55°N to 59°N and 157° to 165°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	5.5	8.1	4.0	3.6	1.5	0.5	0.4	1.2	3.1	7.5	10.7	8.7	2.8
Wave Height > 9 feet ¹	11.2	13.5	7.9	10.8	3.6	2.5	2.6	3.1	7.2	10.1	19.0	17.6	7.0
Visibility < 2 nautical miles ¹	10.0	8.6	11.7	14.0	13.7	18.0	19.3	17.0	10.0	5.0	6.2	7.5	14.0
Precipitation ¹	23.0	25.2	20.0	20.3	16.2	12.6	15.3	19.0	15.7	16.6	21.8	19.2	17.3
Temperature > 69° F	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Mean Temperature (°F)	33.1	30.9	32.1	34.0	39.0	44.6	49.3	50.9	49.0	43.3	38.4	36.2	41.7
Temperature < 33° F ¹	33.9	44.2	40.4	33.7	8.7	0.8	0.1	0.0	0.0	1.8	10.3	19.3	12.2
Mean RH (%)	89	85	89	91	88	90	91	91	88	84	84	85	89
Overcast or Obscured ¹	49.4	49.7	49.5	53.4	53.9	57.0	67.2	71.0	49.3	45.6	47.9	49.0	56.4
Mean Cloud Cover (8 ^{ths})	6.2	6.3	6.2	6.5	6.5	6.7	7.1	7.2	6.4	6.2	6.3	6.3	6.6
Mean SLP (mbs)	1006	1008	1009	1010	1009	1011	1015	1012	1007	1003	1004	1001	1010
Ext. Max. SLP (mbs)	1043	1057	1056	1060	1043	1060	1040	1040	1040	1046	1042	1045	1060
Ext. Min. SLP (mbs)	946	951	941	955	950	963	975	960	956	938	960	955	938
Prevailing Wind Direction	N	N	N	NW	E	W	W	SW	NW	NW	NW	E	W
Thunder and Lightning ¹	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.0	0.1	0.4	0.2	0.5	0.1

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METEOROLOGICAL TABLES – COASTAL AREA OFF ST. PAUL, AK
Between 55°N to 59°N and 165°W to 172°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	9.6	7.5	4.9	4.0	1.6	0.7	0.4	1.1	3.6	6.4	10.2	9.5	4.4
Wave Height > 9 feet ¹	21.6	15.5	13.8	9.2	4.8	1.6	1.3	4.7	7.6	13.1	20.2	23.4	11.0
Visibility < 2 nautical miles ¹	16.8	18.0	15.6	13.8	19.5	22.4	29.2	25.0	13.4	7.8	9.4	14.5	17.5
Precipitation ¹	32.2	34.1	27.1	28.4	19.4	15.0	19.1	20.5	19.8	20.6	24.8	32.1	23.6
Temperature > 69° F	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean Temperature (°F)	31.8	27.2	29.1	31.3	36.8	42.6	46.9	48.9	46.9	41.4	37.0	33.4	38.8
Temperature < 33° F ¹	39.0	60.9	55.6	48.2	14.8	0.6	0.0	0.0	0.0	3.2	15.7	37.9	21.0
Mean RH (%)	86	86	88	88	89	92	93	93	88	85	84	86	89
Overcast or Obscured ¹	55.4	57.2	59.5	59.1	68.6	75.7	81.7	78.1	60.1	51.1	52.5	60.9	64.2
Mean Cloud Cover (8 ^{ths})	6.7	6.8	6.7	6.8	7.2	7.4	7.7	7.6	7.0	6.8	6.7	7.0	7.1
Mean SLP (mbs)	1007	1003	1007	1008	1009	1012	1013	1010	1006	1004	1002	1003	1007
Ext. Max. SLP (mbs)	1049	1057	1048	1052	1039	1041	1042	1040	1050	1041	1054	1056	1057
Ext. Min. SLP (mbs)	958	953	944	965	959	961	981	972	961	936	951	935	935
Prevailing Wind Direction	NE	N	N	NW	N	NW	W	SW	NW	NW	NW	N	NW
Thunder and Lightning ¹	0.0	0.2	0.1	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.1

¹ Percentage Frequency

These data are based upon observations made by ships in transit. These ships tend to avoid bad weather when possible thus biasing the data toward good weather samples.

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METEOROLOGICAL TABLES – COASTAL AREA OFF ATTU, AK
Between 51°N to 55°N and 172°W to 180°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	14.8	13.6	12.0	8.5	4.1	1.2	1.0	1.7	4.0	8.5	17.4	14.8	7.7
Wave Height > 9 feet ¹	29.1	30.6	26.8	21.9	12.3	6.3	5.3	6.9	12.4	20.0	30.1	29.9	18.3
Visibility < 2 nautical miles ¹	13.0	13.8	15.1	12.6	12.7	23.6	40.7	35.3	14.3	7.2	10.0	12.2	18.5
Precipitation ¹	25.3	25.7	25.3	21.0	15.3	15.3	14.4	15.8	15.3	17.1	22.2	25.8	19.3
Temperature > 69° F	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean Temperature (°F)	34.2	33.9	34.7	36.8	39.9	43.1	47.3	49.8	48.8	44.5	39.0	35.9	40.9
Temperature < 33° F ¹	31.8	34.5	27.4	11.9	0.9	0.1	0.1	0.1	0.1	0.3	5.5	17.8	10.1
Mean RH (%)	84	84	84	83	85	89	91	91	87	82	82	83	86
Overcast or Obscured ¹	50.4	53.6	55.4	57.7	69.7	84.3	87.3	80.4	58.4	48.4	49.2	52.3	64.6
Mean Cloud Cover (8 ^{ths})	6.7	6.8	6.9	6.9	7.3	7.8	8.0	7.7	6.8	6.5	6.6	6.7	7.1
Mean SLP (mbs)	996	999	1003	1008	1011	1011	1013	1011	1010	1009	1002	998	1006
Ext. Max. SLP (mbs)	1050	1047	1048	1047	1051	1060	1060	1052	1041	1052	1056	1059	1060
Ext. Min. SLP (mbs)	939	939	945	933	960	971	970	975	951	956	939	937	933
Prevailing Wind Direction	E	NE	NE	W	NW	W	SW	SW	W	W	W	W	W
Thunder and Lightning ¹	0.4	0.4	0.5	0.4	0.2	0.0	0.1	0.0	0.2	0.2	0.4	0.4	0.2

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METEOROLOGICAL TABLE – COASTAL AREA OFF ADAK, AK
Between 51°N to 55°N and 172°W to 180°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	14.1	12.7	12.8	9.4	4.3	1.3	1.2	1.6	4.9	8.4	14.3	15.8	7.7
Wave Height > 9 feet ¹	28.0	25.0	25.3	21.7	12.7	6.5	5.2	8.0	14.4	19.7	27.8	29.3	17.9
Visibility < 2 nautical miles ¹	12.1	12.2	13.7	11.3	12.7	19.8	34.2	31.1	13.8	7.1	8.9	11.4	16.5
Precipitation ¹	24.0	23.3	23.8	21.4	16.8	14.5	13.8	14.8	15.7	16.5	19.9	24.7	18.7
Temperature > 69° F	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean Temperature (°F)	35.3	35.1	35.7	37.5	40.7	44.3	48.1	50.2	48.8	44.5	39.9	37.2	41.9
Temperature < 33° F ¹	23.1	25.1	20.7	8.4	0.7	0.1	0.1	0.0	0.1	0.2	3.3	11.9	7.1
Mean RH (%)	84	85	84	84	85	88	90	90	86	83	82	83	86
Overcast or Obscured ¹	50.5	55.1	56.1	57.8	67.6	79.7	86.4	79.9	59.1	47.0	49.0	50.0	62.9
Mean Cloud Cover (8 ^{ths})	6.6	6.8	6.9	7.0	7.3	7.7	7.9	7.7	7.0	6.5	6.5	6.6	7.1
Mean SLP (mbs)	997	1000	1003	1008	1009	1011	1014	1012	1009	1007	1002	998	1006
Ext. Max. SLP (mbs)	1039	1055	1045	1053	1053	1044	1060	1054	1042	1049	1055	1054	1060
Ext. Min. SLP (mbs)	931	950	951	957	963	962	969	971	960	940	952	940	931
Prevailing Wind Direction	NE	NE	N	NW	W	W	W	SW	W	W	W	W	W
Thunder and Lightning ¹	0.4	0.3	0.4	0.3	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.2

¹ Percentage Frequency

These data are based upon observations made by ships in transit. These ships tend to avoid bad weather when possible thus biasing the data toward good weather samples.

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METEOROLOGICAL TABLE – COASTAL AREA OFF DUTCH HARBOR, AK
Between 51°N to 55°N and 165° to 172°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	11.7	9.9	9.3	7.2	4.1	1.5	1.3	1.6	5.2	8.8	12.7	13.0	6.9
Wave Height > 9 feet ¹	21.8	18.3	17.5	17.0	10.7	5.4	4.4	6.9	11.9	17.9	23.0	23.8	14.6
Visibility < 2 nautical miles ¹	10.4	10.8	11.1	10.9	10.0	15.4	28.6	28.5	12.1	6.3	7.9	9.7	13.8
Precipitation ¹	22.9	23.2	20.7	20.8	16.1	14.8	14.8	15.2	14.7	17.1	19.9	21.8	18.3
Temperature > 69° F	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Mean Temperature (°F)	35.7	35.0	35.8	37.4	41.2	45.4	48.9	50.7	49.3	44.3	40.0	37.8	42.0
Temperature < 33° F ¹	21.4	25.3	21.1	12.5	1.1	0.1	0.0	0.0	0.0	0.4	4.2	11.7	8.0
Mean RH (%)	85	84	84	84	84	87	89	90	86	83	82	83	85
Overcast or Obscured ¹	50.3	51.7	51.3	55.3	61.2	73.4	81.3	77.1	57.1	46.0	45.0	48.5	58.9
Mean Cloud Cover (8 ^{ths})	6.6	6.6	6.6	6.8	7.1	7.5	7.8	7.6	6.9	6.5	6.4	6.5	6.9
Mean SLP (mbs)	999	1001	1004	1009	1009	1011	1015	1013	1008	1006	1002	999	1007
Ext. Max. SLP (mbs)	1060	1060	1054	1048	1055	1046	1050	1041	1043	1060	1055	1060	1060
Ext. Min. SLP (mbs)	946	935	937	958	950	963	968	970	945	942	936	942	935
Prevailing Wind Direction	NE	N	W	W	W	W	W	W	W	W	W	W	W
Thunder and Lightning ¹	0.2	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.2

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METEOROLOGICAL TABLE – COASTAL AREA OFF KODIAK, AK
Between 56°N to 61°N and 151°W to 157°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	8.3	9.2	6.3	4.0	2.1	0.8	0.4	1.2	3.4	7.1	11.0	10.0	4.4
Wave Height > 9 feet ¹	14.5	14.9	6.7	5.6	2.9	1.5	0.8	2.4	4.6	12.6	15.7	16.5	6.5
Visibility < 2 nautical miles ¹	7.9	7.3	5.3	5.3	5.2	6.6	8.2	9.6	6.4	3.9	4.3	6.8	6.5
Precipitation ¹	23.3	19.0	17.4	16.0	18.4	18.0	14.4	16.4	19.1	19.2	20.9	18.2	18.0
Temperature > 69° F	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.0	0.0	0.0	0.1
Mean Temperature (°F)	35.9	33.2	36.4	38.4	43.5	48.3	53.4	54.5	51.6	44.5	38.6	35.0	44.2
Temperature < 33° F ¹	22.8	34.4	19.7	10.7	0.4	0.0	0.2	0.0	0.1	3.2	15.2	27.8	8.7
Mean RH (%)	84	82	84	85	85	86	86	87	85	82	82	84	85
Overcast or Obscured ¹	53.2	48.3	44.5	42.5	48.3	54.5	51.6	52.1	48.0	42.7	45.6	44.7	48.4
Mean Cloud Cover (8 ^{ths})	6.2	5.9	5.9	5.8	6.1	6.4	6.3	6.2	6.1	5.8	5.8	5.9	6.1
Mean SLP (mbs)	1003	1004	1005	1007	1010	1012	1015	1013	1009	999	1001	1003	1008
Ext. Max. SLP (mbs)	1048	1055	1050	1039	1037	1053	1040	1056	1040	1052	1051	1050	1056
Ext. Min. SLP (mbs)	952	956	950	961	959	969	975	972	959	953	954	951	950
Prevailing Wind Direction	E	NW	NE	NW	E	SW	SW	SW	SW	W	NW	W	SW
Thunder and Lightning ¹	0.4	0.4	0.2	0.1	0.3	0.1	0.1	0.2	0.1	0.1	0.3	0.1	0.2

¹ Percentage Frequency

These data are based upon observations made by ships in transit. These ships tend to avoid bad weather when possible thus biasing the data toward good weather samples.

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METEOROLOGICAL TABLE – COASTAL AREA OFF SEWARD, AK
Between 57°N to 61°N and 146° to 151°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	12.6	11.2	8.0	5.3	2.5	1.0	0.4	1.3	3.9	7.9	10.6	14.4	5.9
Wave Height > 9 feet ¹	17.2	15.9	12.6	8.9	5.3	3.0	2.0	3.8	7.7	13.5	15.2	18.5	9.6
Visibility < 2 nautical miles ¹	6.5	7.8	4.8	5.0	5.0	6.5	7.3	8.1	5.2	4.0	4.3	5.4	5.8
Precipitation ¹	24.4	21.9	19.8	19.2	19.4	14.3	15.5	15.4	21.6	22.9	20.0	22.9	19.4
Temperature > 69° F	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.1	0.0	0.0	0.0	0.1
Mean Temperature (°F)	37.4	36.1	37.6	40.2	44.8	49.9	54.6	56.0	52.0	45.4	40.4	37.4	45.2
Temperature < 33° F ¹	15.5	20.9	13.3	3.8	0.3	0.0	0.0	0.0	0.1	1.6	6.3	16.7	5.5
Mean RH (%)	84	83	81	82	83	85	86	86	84	81	80	82	83
Overcast or Obscured ¹	54.2	51.9	45.7	48.1	53.7	57.3	58.5	53.9	50.2	45.9	43.2	47.7	51.2
Mean Cloud Cover (8 ^{ths})	6.3	6.3	6.0	6.1	6.3	6.6	6.7	6.2	6.1	6.0	6.0	6.1	6.2
Mean SLP (mbs)	1004	1004	1005	1008	1011	1013	1015	1013	1008	1001	1000	1001	1007
Ext. Max. SLP (mbs)	1055	1056	1037	1050	1054	1053	1041	1049	1041	1043	1050	1047	1056
Ext. Min. SLP (mbs)	958	939	954	951	976	979	991	966	963	951	951	948	939
Prevailing Wind Direction	E	E	E	E	E	E	E	W	SE	W	NW	E	E
Thunder and Lightning ¹	0.3	0.1	0.4	0.5	0.2	0.1	0.2	0.1	0.3	0.3	0.4	0.2	0.2

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METEOROLOGICAL TABLE – COASTAL AREA OFF CORDOVA, AK
Between 57°N to 61°N and 140°W to 146°W

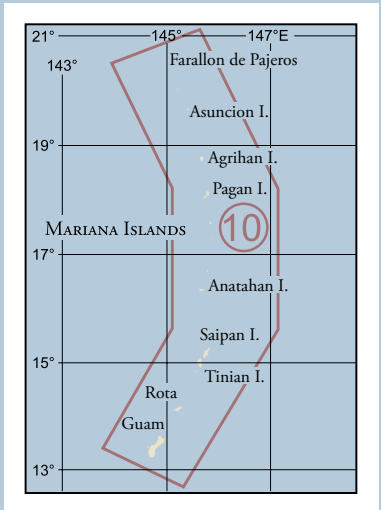
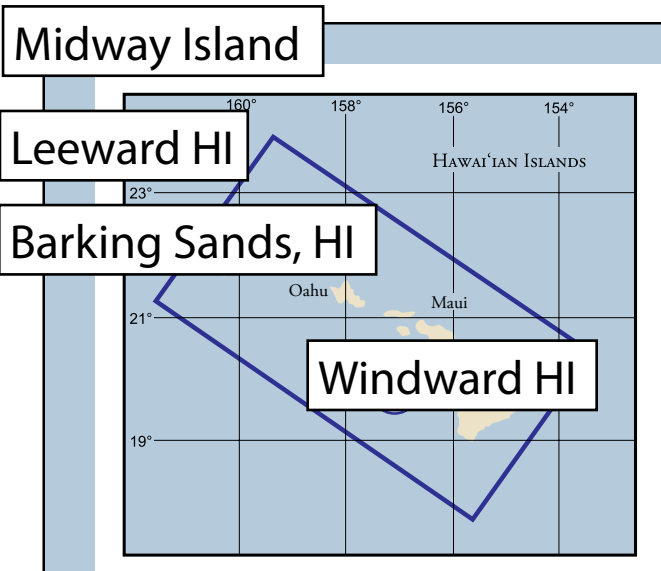
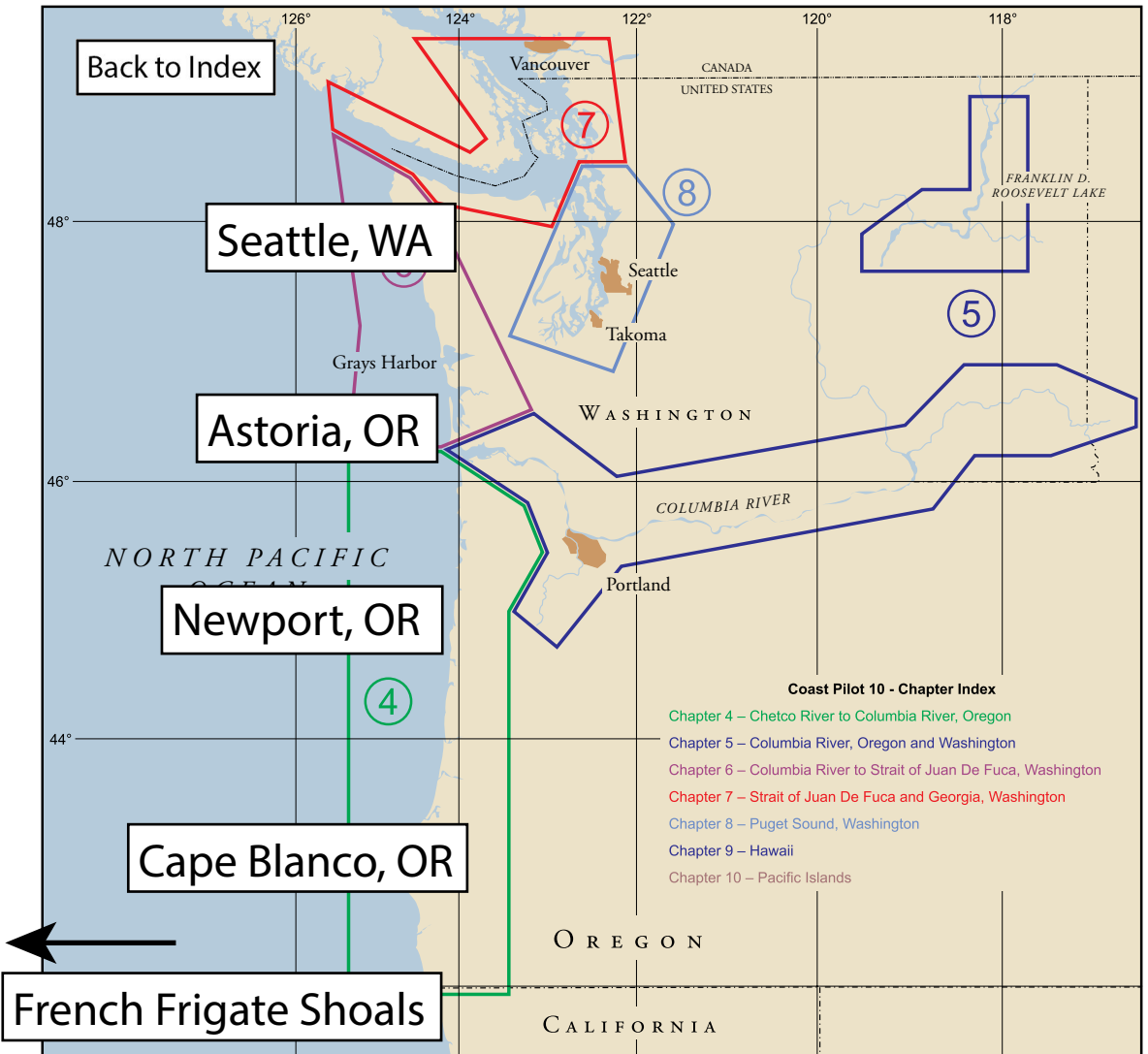
WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	13.2	11.2	6.3	5.7	2.3	1.1	0.6	1.5	5.2	9.0	13.3	12.1	6.6
Wave Height > 9 feet ¹	18.8	16.9	11.6	9.5	4.7	2.5	1.5	3.6	8.2	13.2	16.4	18.3	10.1
Visibility < 2 nautical miles ¹	6.4	8.8	4.8	4.7	4.7	3.7	5.1	5.5	4.9	3.9	4.2	5.4	5.1
Precipitation ¹	22.6	22.2	19.0	18.4	16.6	12.9	14.3	15.7	20.6	20.8	22.0	25.6	19.0
Temperature > 69° F	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.1	0.0	0.0	0.0	0.1
Mean Temperature (°F)	38.8	38.3	39.4	41.7	46.1	51.2	55.3	57.1	54.1	47.8	42.3	39.7	46.4
Temperature < 33° F ¹	12.1	11.9	6.1	0.9	0.1	0.1	0.0	0.0	0.0	0.5	3.6	8.8	3.4
Mean RH (%)	84	84	81	81	83	83	85	85	83	80	80	83	83
Overcast or Obscured ¹	55.2	56.8	46.9	48.1	55.5	56.1	62.7	57.4	50.0	45.1	46.3	54.7	53.0
Mean Cloud Cover (8 ^{ths})	6.5	6.5	6.1	6.2	6.6	6.7	7.0	6.6	6.3	6.3	6.3	6.6	6.5
Mean SLP (mbs)	1003	1004	1007	1009	1012	1014	1016	1014	1010	1003	1002	1002	1008
Ext. Max. SLP (mbs)	1049	1054	1040	1050	1040	1041	1047	1038	1038	1036	1046	1047	1054
Ext. Min. SLP (mbs)	959	941	962	968	972	975	985	972	961	950	955	939	939
Prevailing Wind Direction	SE	SE	SE	SE	SE	SE	W	W	SE	SE	SE	SE	SE
Thunder and Lightning ¹	0.3	0.4	0.3	0.3	0.2	0.1	0.2	0.3	0.2	0.2	0.6	0.3	0.3

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METEOROLOGICAL TABLE – COASTAL AREA OFF UNIMAK, AK
Between 53°N to 56°N and 157°W to 165°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wind > 33 knots ¹	11.7	11.2	8.9	5.9	2.8	1.4	0.9	1.7	4.9	10.5	12.9	14.7	7.1
Wave Height > 9 feet ¹	22.4	22.4	19.0	17.0	10.2	6.0	6.0	8.1	14.2	20.7	25.1	28.2	16.5
Visibility < 2 nautical miles ¹	11.3	13.0	12.6	12.1	11.5	13.1	18.6	20.8	10.9	5.8	7.5	11.9	12.4
Precipitation ¹	19.8	20.9	18.8	18.4	16.4	15.1	12.4	15.0	15.2	15.6	18.8	21.1	17.2
Temperature > 69° F	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean Temperature (°F)	36.6	35.4	36.1	37.4	41.9	46.9	51.1	53.1	51.0	45.4	40.7	38.2	42.7
Temperature < 33° F ¹	16.9	23.0	18.7	14.8	2.3	0.1	0.1	0.0	0.0	0.7	4.5	12.5	7.8
Mean RH (%)	85	85	85	85	85	87	88	89	85	82	82	84	85
Overcast or Obscured ¹	51.1	51.1	50.6	50.6	55.6	62.2	67.8	67.4	50.8	39.8	44.8	50.7	53.7
Mean Cloud Cover (8 ^{ths})	6.4	6.5	6.4	6.5	6.7	6.9	7.1	7.1	6.5	6.2	6.3	6.5	6.6
Mean SLP (mbs)	1000	1002	1004	1007	1008	1011	1015	1013	1008	1004	1001	999	1006
Ext. Max. SLP (mbs)	1050	1060	1059	1060	1049	1055	1060	1054	1058	1053	1060	1046	1060
Ext. Min. SLP (mbs)	944	951	938	951	950	964	975	963	949	937	942	944	937
Prevailing Wind Direction	W	NW	NW	W	W	W	W	W	W	NW	W	W	W
Thunder and Lightning ¹	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.4	0.2

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METEOROLOGICAL TABLE – COASTAL AREA OFF SEATTLE, WA

Between 48°N to 50°N and 122°W to 129°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	3.6	2.8	2.3	1.2	0.8	0.6	0.3	0.3	0.5	1.7	3.1	3.4	1.6
Wave Height > 9 feet ¹	17.4	18.0	16.8	15.0	6.7	6.1	1.9	2.1	4.7	16.0	24.0	30.5	12.3
Visibility < 2 nautical miles ¹	11.4	10.4	8.1	7.1	6.6	6.7	9.2	14.0	12.0	13.2	11.7	12.1	10.3
Precipitation ¹	24.4	24.4	19.6	16.7	13.5	10.8	7.5	5.8	9.2	16.6	24.0	24.9	15.6
Temperature > 69° F	0.0	0.0	0.0	0.1	0.5	1.6	3.0	2.8	1.2	0.3	0.0	0.0	0.9
Mean Temperature (°F)	44.0	45.3	46.1	48.7	52.8	56.3	58.8	59.3	58.2	53.7	48.3	45.5	52.1
Temperature < 33° F ¹	3.3	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.9	0.4
Mean RH (%)	84	84	82	82	82	82	84	85	84	84	83	84	83
Overcast or Obscured ¹	46.3	43.3	34.5	32.8	32.7	33.1	32.6	32.9	30.6	36.5	38.4	41.3	35.8
Mean Cloud Cover (8 ^{ths})	6.2	6.0	5.5	5.5	5.4	5.5	5.1	5.0	4.7	5.4	5.9	6.0	5.5
Mean SLP (mbs)	1014	1015	1014	1016	1017	1017	1018	1017	1017	1016	1014	1014	1016
Ext. Max. SLP (mbs)	1041	1057	1041	1060	1044	1042	1048	1040	1050	1041	1043	1048	1060
Ext. Min. SLP (mbs)	951	974	967	977	987	988	993	990	973	967	966	964	951
Prevailing Wind Direction	SE	SE	SE	NW	NW	NW	NW	NW	NW	SE	SE	SE	NW
Thunder and Lightning ¹	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.2	0.2

¹ Percentage Frequency

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METEOROLOGICAL TABLE – COASTAL AREA OFF ASTORIA, OR

Between 46°N to 48°N and 122°W to 127°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	5.1	4.9	3.9	1.4	0.7	0.3	0.1	0.3	0.5	2.4	5.1	6.6	2.3
Wave Height > 9 feet ¹	8.0	6.9	5.9	3.4	1.9	1.7	1.3	0.9	1.3	4.0	8.7	9.3	4.0
Visibility < 2 nautical miles ¹	8.0	7.0	5.8	3.6	4.5	4.7	5.7	8.7	6.7	7.5	5.7	7.8	6.3
Precipitation ¹	21.1	19.7	17.6	13.1	10.9	8.6	5.1	6.5	7.8	12.5	20.0	22.0	13.0
Temperature > 69° F	0.0	0.0	0.0	0.0	0.2	0.6	2.1	2.0	1.2	0.2	0.0	0.0	0.6
Mean Temperature (°F)	45.6	47.0	47.7	49.6	52.9	56.4	59.5	60.3	59.8	56.1	50.9	47.6	53.4
Temperature < 33° F ¹	2.3	0.6	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	1.4	0.4
Mean RH (%)	84	84	82	82	84	84	85	87	85	84	83	84	84
Overcast or Obscured ¹	46.4	43.7	38.4	35.0	36.3	41.5	42.1	41.9	32.3	35.4	41.7	45.6	39.9
Mean Cloud Cover (8 ^{ths})	6.0	5.9	5.6	5.6	5.7	6.0	5.6	5.5	4.8	5.2	5.8	6.0	5.6
Mean SLP (mbs)	1017	1016	1016	1018	1018	1018	1019	1018	1017	1017	1016	1017	1017
Ext. Max. SLP (mbs)	1045	1041	1058	1040	1050	1043	1038	1037	1049	1040	1042	1050	1058
Ext. Min. SLP (mbs)	970	975	974	978	985	988	991	991	978	980	964	963	963
Prevailing Wind Direction	S	S	S	NW	NW	NW	NW	NW	N	S	S	S	NW
Thunder and Lightning ¹	0.2	0.3	0.3	0.1	0.2	0.1	0.1	0.2	0.3	0.3	0.5	0.3	0.2

¹ Percentage Frequency

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METEOROLOGICAL TABLE – COASTAL AREA OFF NEWPORT, OR

Between 44°N to 46°N and 123°W to 127°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	6.0	3.8	3.2	1.2	0.6	0.5	0.4	0.3	0.4	2.0	4.6	7.9	2.0
Wave Height > 9 feet ¹	12.4	7.7	8.9	3.5	2.8	2.2	1.8	1.7	2.2	4.4	9.9	13.9	4.6
Visibility < 2 nautical miles ¹	6.1	8.0	4.5	3.4	4.2	4.0	4.4	7.5	6.5	7.1	6.5	7.3	5.7
Precipitation ¹	20.7	18.1	16.3	12.7	8.8	7.9	4.7	5.9	6.7	11.4	16.9	19.5	10.8
Temperature > 69° F	0.0	0.0	0.0	0.0	0.2	0.6	1.5	1.7	1.5	0.4	0.1	0.0	0.6
Mean Temperature (°F)	48.2	48.6	48.9	50.4	53.6	57.0	59.9	60.4	60.7	57.4	53	49.7	55.1
Temperature < 33° F ¹	0.5	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.1
Mean RH (%)	82	82	81	81	81	82	84	85	84	83	82	84	83
Overcast or Obscured ¹	44.8	42.6	39.4	34.6	35.5	40.6	40.0	40.1	34.0	33.6	40.4	44.1	38.8
Mean Cloud Cover (8 th)	6.0	5.8	5.7	5.5	5.5	5.8	5.5	5.5	4.8	5.0	5.7	5.9	5.5
Mean SLP (mbs)	1017	1017	1016	1019	1019	1019	1019	1018	1017	1018	1017	1017	1018
Ext. Max. SLP (mbs)	1040	1055	1042	1052	1049	1044	1042	1041	1055	1040	1043	1044	1055
Ext. Min. SLP (mbs)	970	960	972	986	993	990	996	992	985	966	981	964	960
Prevailing Wind Direction	S	S	S	N	N	N	N	N	N	N	S	S	N
Thunder and Lightning ¹	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.6	0.3	0.3

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METEOROLOGICAL TABLE – COASTAL AREA OFF CAPE BLANCO

Between 42°N to 44°N and 124°W to 127°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	6.5	5.8	4.0	2.4	1.6	2.3	2.1	1.3	1.4	1.8	4.5	5.6	2.9
Wave Height > 9 feet ¹	11.9	11.4	9.8	5.5	5.4	4.7	5.2	3.2	3.3	4.9	11.3	12	6.5
Visibility < 2 nautical miles ¹	6.3	6.9	4.5	5.0	4.5	4.9	7.7	14.8	8.7	9.8	5.9	7.1	7.4
Precipitation ¹	18.7	17.7	15.9	10.1	7.6	5.7	3.6	4.0	4.6	6.8	15.2	18.2	9.3
Temperature > 69° F	0.0	0.0	0.0	0.1	0.3	0.7	1.3	1.5	1.2	0.4	0.1	0.1	0.6
Mean Temperature (°F)	49.7	50.0	50.3	51.5	53.6	56.5	58.9	59.3	59.8	57.0	54.0	51.1	55.0
Temperature < 33° F ¹	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
Mean RH (%)	83	82	82	81	82	84	86	87	86	85	83	83	84
Overcast or Obscured ¹	42.9	43.2	39.4	34.0	33.6	37.0	37.6	43.6	32.9	34.4	41.4	40.4	38.0
Mean Cloud Cover (8 ^{ths})	5.7	5.7	5.6	5.2	5.1	5.3	4.8	5.2	4.4	4.7	5.5	5.6	5.2
Mean SLP (mbs)	1018	1017	1017	1019	1019	1019	1019	1017	1016	1018	1018	1018	1018
Ext. Max. SLP (mbs)	1037	1051	1039	1043	1042	1046	1040	1037	1038	1050	1050	1045	1051
Ext. Min. SLP (mbs)	969	973	984	980	988	995	997	992	985	982	976	961	961
Prevailing Wind Direction	S	S	S	N	N	N	N	N	N	N	S	S	N
Thunder and Lightning ¹	0.4	0.7	0.1	0.2	0.2	0.1	0.1	0.1	0.3	0.3	0.6	0.5	0.3

¹ Percentage Frequency

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METEOROLOGICAL TABLE – COASTAL AREA OFF FRENCH FRIGATE SHOALS

Between 23°N to 25°N and 165°W to 168°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	1.7	1.3	0.4	0.9	0.2	0.0	0.3	0.0	0.1	0.3	1.6	1.4	0.7
Wave Height > 9 feet ¹	6.7	5.4	3.5	5.2	1.5	0.5	1.5	0.3	0.4	3.0	3.1	7.5	3.1
Visibility < 2 nautical miles ¹	1.1	0.9	0.8	0.3	0.3	0.2	0.4	0.4	0.0	0.3	0.6	0.6	0.5
Precipitation ¹	5.4	4.8	6.1	4.8	4.2	1.8	2.8	4.2	2.9	4.0	6.7	4.5	4.4
Temperature > 69° F	68.7	66.4	68.5	80.7	94.1	99.6	99.9	99.9	100	99.8	97.9	87.1	88.9
Mean Temperature (°F)	72.0	71.7	71.9	73.1	75.0	77.9	78.7	79.4	79.4	78.5	76.4	73.8	75.7
Temperature < 33° F ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean RH (%)	77	78	79	78	79	79	79	79	78	77	78	76	78
Overcast or Obscured ¹	16.8	14.1	16.1	16.1	10.8	3.9	4.4	7.0	5.0	9.5	14.9	13.6	11
Mean Cloud Cover (8 ^{ths})	4.6	4.2	4.6	4.8	4.3	3.9	4.2	4.2	3.9	4.3	4.5	4.4	4.3
Mean SLP (mbs)	1015	1016	1018	1019	1018	1018	1018	1017	1016	1016	1016	1016	1017
Ext. Max. SLP (mbs)	1029	1027	1030	1031	1026	1027	1029	1026	1022	1026	1029	1034	1034
Ext. Min. SLP (mbs)	991	1000	1001	998	1002	1004	1009	1007	1002	1004	1003	991	991
Prevailing Wind Direction	E	E	E	E	E	E	E	E	E	E	E	E	E
Thunder and Lightning ¹	0.1	0.3	0.4	0.4	0.1	0.2	0.2	0.4	0.2	0.6	0.7	0.5	0.4

¹ Percentage Frequency

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METEOROLOGICAL TABLE – COASTAL AREA OFF MIDWAY ISLAND

Between 27°N to 28°N and 176°W to 179°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	4.1	3.0	2.2	0.8	0.1	0.0	0.2	0.0	0.1	0.3	1.3	3.4	1.4
Wave Height > 9 feet ¹	11.0	12.2	4.7	2.8	1.6	0.2	1.0	0.9	1.4	2.0	7.3	11.2	5.3
Visibility < 2 nautical miles ¹	0.9	0.4	0.6	0.8	0.7	1.1	0.1	0.0	0.1	0.2	1.1	0.8	0.6
Precipitation ¹	7.6	6.2	5.3	6.6	4.0	4.5	5.9	5.3	5.9	4.7	6.5	6.0	5.7
Temperature > 69° F	23.9	17.0	27.2	38.6	65.6	96.4	99.7	99.8	99.8	97.0	81.6	49.5	64.5
Mean Temperature (°F)	67.7	66.8	68.1	69.4	72.5	76.9	79.3	80.2	79.7	76.7	73.8	70.4	73.2
Temperature < 33° F ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean RH (%)	77	77	79	79	80	80	80	80	78	78	78	78	79
Overcast or Obscured ¹	24.3	21.9	22.6	22.0	16.6	13.3	7.4	9.4	13.2	12.8	17.3	21.2	17.1
Mean Cloud Cover (8 ^{ths})	5.3	5.0	5.0	5.1	4.9	4.5	4.3	4.5	4.5	4.6	4.8	5.0	4.8
Mean SLP (mbs)	1015	1016	1019	1021	1019	1019	1020	1019	1017	1018	1017	1017	1018
Ext. Max. SLP (mbs)	1030	1033	1032	1044	1030	1029	1032	1033	1035	1029	1030	1035	1044
Ext. Min. SLP (mbs)	987	998	993	1001	998	1002	1008	1002	1002	1002	1001	983	983
Prevailing Wind Direction	W	W	E	E	E	E	E	E	E	E	E	SW	E
Thunder and Lightning ¹	0.9	0.2	0.4	0.3	0.0	0.0	1.3	0.4	0.7	0.3	0.5	0.1	0.4

¹ Percentage Frequency

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METEOROLOGICAL TABLE – COASTAL AREA OFF HAWAI‘IAN (LEEWARD) ISLANDS

Between 18°N to 22°N and from Island to 160°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	0.5	0.4	0.8	0.4	0.1	0.1	0.1	0.2	0.1	0.2	0.4	0.9	0.3
Wave Height > 9 feet ¹	2.3	2.5	2.9	2.0	0.9	0.7	1.2	0.9	0.9	1.5	2.2	4.5	1.8
Visibility < 2 nautical miles ¹	0.7	0.7	0.3	0.5	0.3	0.3	0.2	0.2	0.2	0.3	0.5	0.4	0.4
Precipitation ¹	4.0	4.6	4.0	3.7	3.2	2.2	2.1	2.2	2.1	2.8	3.9	4.5	3.2
Temperature > 69° F	94.7	93.6	93.1	97.0	99.1	99.8	99.8	99.9	99.9	99.8	99.7	97.6	97.8
Mean Temperature (°F)	75.1	74.7	74.7	75.7	77.1	78.5	79.2	79.7	80	79.3	77.9	76.2	77.4
Temperature < 33° F ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean RH (%)	77	77	77	78	77	77	77	77	77	77	78	78	77
Overcast or Obscured ¹	9.0	10.4	11.9	11.6	7.0	5.4	4.1	4.2	4.8	7.4	9.6	10.4	8.0
Mean Cloud Cover (8 ^{ths})	3.7	3.8	4.1	4.2	4.0	4.0	3.8	3.6	3.6	3.9	4.0	4.0	3.9
Mean SLP (mbs)	1015	1015	1016	1017	1017	1016	1016	1016	1015	1015	1015	1015	1016
Ext. Max. SLP (mbs)	1032	1030	1037	1031	1031	1031	1031	1032	1031	1032	1032	1033	1037
Ext. Min. SLP (mbs)	993	998	1000	1000	1001	1002	1003	1001	1000	999	998	998	993
Prevailing Wind Direction	E	E	E	E	E	E	E	E	E	E	E	E	E
Thunder and Lightning ¹	0.4	0.5	0.5	0.3	0.2	0.1	0.2	0.1	0.2	0.4	0.7	0.5	0.3

¹ Percentage Frequency

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METEOROLOGICAL TABLE – COASTAL AREA OFF BARKING SANDS, HI

Between 22°N to 24°N and 159°W to 162°W

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	0.6	0.4	0.6	0.2	0.1	0.3	0.2	0.1	0.0	0.2	0.8	0.7	0.3
Wave Height > 9 feet ¹	3.0	6.2	5.0	5.3	1.8	1.5	2.9	1.4	0.9	1.7	4.5	7.7	3.4
Visibility < 2 nautical miles ¹	0.7	0.4	0.3	0.3	0.2	0.1	0.1	0.2	0.5	0.4	0.4	0.6	0.3
Precipitation ¹	3.8	3.5	4.3	3.9	2.4	1.8	2.1	3.0	2.0	3.1	4.6	5.3	3.3
Temperature > 69° F	84.1	77.0	80.4	88.0	96.1	98.5	99.8	99.9	99.5	99.0	98.3	93.3	93.0
Mean Temperature (°F)	73.4	72.7	73.0	73.7	75.2	76.9	77.9	78.8	79.1	78.0	76.6	74.5	75.9
Temperature < 33° F ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean RH (%)	78	78	78	78	79	80	79	79	78	77	78	78	78
Overcast or Obscured ¹	11.3	13.9	13.5	12.4	8.7	5.1	4.6	4.7	3.6	8.7	11.9	14.7	9.3
Mean Cloud Cover (8 ^{ths})	3.9	4.2	4.3	4.4	4.2	3.9	4.0	4.0	3.7	3.9	4.1	4.3	4.1
Mean SLP (mbs)	1015	1016	1018	1018	1018	1018	1017	1017	1016	1016	1016	1016	1017
Ext. Max. SLP (mbs)	1028	1031	1031	1032	1030	1030	1027	1026	1030	1026	1032	1029	1032
Ext. Min. SLP (mbs)	997	999	998	1000	1007	1002	1004	1002	1002	1001	1002	995	995
Prevailing Wind Direction	E	E	E	E	E	E	E	E	E	E	E	E	E
Thunder and Lightning ¹	0.6	0.3	0.3	0.5	0.3	0.1	0.3	0.5	0.3	0.5	0.7	0.7	0.4

¹ Percentage Frequency[Back to Index](#)

METEOROLOGICAL TABLE – COASTAL AREA OFF HAWAI‘IAN (WINDWARD) ISLANDS

Between 18°N to 22°N and 154°W to Island

WEATHER ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEARS OF RECORD
Wind > 33 knots ¹	1.4	0.8	1.3	0.4	0.0	0.1	0.2	0.2	0.1	0.2	1.1	1.9	0.6
Wave Height > 9 feet ¹	4.0	4.0	5.6	3.9	2.5	1.3	1.9	1.8	0.5	1.8	4.7	6.3	3.2
Visibility < 2 nautical miles ¹	1.2	0.6	0.3	0.5	0.2	0.3	0.2	1.0	0.6	0.4	0.6	0.3	0.5
Precipitation ¹	5.7	5.5	5.6	5.8	3.1	6.4	4.0	5.4	3.1	2.7	5.7	4.0	4.8
Temperature > 69° F	89.9	84.7	87.5	85.8	93.2	94.2	99.7	99.9	99.8	99.6	99.1	95.5	93.8
Mean Temperature (°F)	74.1	73.5	73.5	74.1	75.6	76.7	77.7	78.5	78.7	78.3	76.8	75.0	76.0
Temperature < 33° F ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean RH (%)	79	79	78	78	77	77	78	79	77	77	78	78	78
Overcast or Obscured ¹	12.5	13.0	14.7	13.2	7.6	7.1	6.9	7.0	5.7	8.4	11.9	11.0	9.9
Mean Cloud Cover (8 ^{ths})	4.1	4.2	4.5	4.5	4.1	4.3	4.2	4.1	3.9	4.0	4.4	4.1	4.2
Mean SLP (mbs)	1015	1016	1017	1017	1017	1017	1017	1016	1015	1015	1016	1016	1016
Ext. Max. SLP (mbs)	1030	1033	1038	1030	1028	1030	1030	1030	1031	1030	1033	1028	1038
Ext. Min. SLP (mbs)	998	996	997	1001	1002	1002	1002	1002	1001	999	1000	1001	996
Prevailing Wind Direction	E	E	E	E	E	E	E	E	E	E	E	E	E
Thunder and Lightning ¹	0.7	0.4	0.4	0.3	0.1	0.1	0.1	0.3	0.2	0.3	0.4	0.4	0.3

¹ Percentage Frequency

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