

Section A - Wind & Wave conditions offshore (Buoy 46050 - 20nm west of Newport,OR)

Notes:

wave height (wvht) is meters (3.28 ft=1 meter)

wind speed (wspd and gst) is in meters per sec (1 m/s=2.237 mph)

time is in zulu time (06z=2200 local time)

#YY	MM	DD	hh	mm	WDIR	WSPD	GST	WVHT	DPD	APD	MWD	PRES	ATMP	WTMP	DEWP	VIS	PTDY	TIDE
#yr	mo	dy	hr	mn	degT	m/s	m/s	m	sec	sec	degT	hPa	degC	degC	degC	nmi	hPa	ft
2019	01	09	12	50	150	12.0	16.0	5.8	14	9.5	229	1002.0	MM	MM	MM	MM	MM	MM
2019	01	09	12	40	150	11.0	14.0	MM	MM	MM	MM	1002.0	MM	MM	MM	MM	MM	MM
2019	01	09	12	30	150	11.0	14.0	MM	MM	MM	MM	1002.0	MM	MM	MM	MM	MM	MM
2019	01	09	12	20	150	11.0	16.0	MM	MM	MM	MM	1002.1	MM	MM	MM	MM	MM	MM
2019	01	09	12	10	150	11.0	14.0	MM	MM	MM	MM	1002.3	MM	MM	MM	MM	MM	MM
2019	01	09	12	00	150	12.0	15.0	MM	MM	MM	MM	1002.3	MM	MM	MM	MM	-0.5	MM
2019	01	09	11	50	160	14.0	19.0	6.1	15	9.8	235	1002.5	MM	MM	MM	MM	MM	MM
2019	01	09	11	40	160	14.0	17.0	MM	MM	MM	MM	1002.7	MM	MM	MM	MM	MM	MM
2019	01	09	11	30	130	10.0	16.0	MM	MM	MM	MM	1002.6	MM	MM	MM	MM	MM	MM
2019	01	09	11	20	140	8.0	11.0	MM	MM	MM	MM	1002.7	MM	MM	MM	MM	MM	MM
2019	01	09	11	10	150	9.0	12.0	MM	MM	MM	MM	1002.7	MM	MM	MM	MM	MM	MM
2019	01	09	11	00	160	10.0	13.0	MM	MM	MM	MM	1002.6	MM	MM	MM	MM	-0.5	MM
2019	01	09	10	50	150	10.0	15.0	5.7	15	9.4	242	1002.8	MM	MM	MM	MM	MM	MM
2019	01	09	10	40	140	9.0	12.0	5.7	MM	9.4	242	1002.8	MM	MM	MM	MM	MM	MM
2019	01	09	10	30	150	10.0	12.0	MM	MM	MM	MM	1002.8	MM	MM	MM	MM	MM	MM
2019	01	09	10	20	140	10.0	15.0	MM	MM	MM	MM	1002.8	MM	MM	MM	MM	MM	MM
2019	01	09	10	10	140	11.0	14.0	MM	MM	MM	MM	1002.9	MM	MM	MM	MM	MM	MM
2019	01	09	10	00	140	11.0	15.0	MM	MM	MM	MM	1002.9	MM	MM	MM	MM	+0.0	MM
2019	01	09	09	50	140	10.0	13.0	5.7	12	9.7	225	1002.9	MM	MM	MM	MM	MM	MM
2019	01	09	09	40	140	11.0	13.0	MM	MM	MM	MM	1002.9	MM	MM	MM	MM	MM	MM
2019	01	09	09	30	130	10.0	13.0	MM	MM	MM	MM	1002.8	MM	MM	MM	MM	MM	MM
2019	01	09	09	20	140	10.0	12.0	MM	MM	MM	MM	1002.8	MM	MM	MM	MM	MM	MM
2019	01	09	09	10	140	10.0	12.0	MM	MM	MM	MM	1002.9	MM	MM	MM	MM	MM	MM
2019	01	09	09	00	140	10.0	13.0	MM	MM	MM	MM	1002.8	MM	MM	MM	MM	-1.0	MM
2019	01	09	08	50	140	10.0	13.0	5.3	15	9.7	233	1003.0	MM	MM	MM	MM	MM	MM
2019	01	09	08	40	150	10.0	13.0	MM	MM	MM	MM	1003.2	MM	MM	MM	MM	MM	MM
2019	01	09	08	30	150	10.0	13.0	MM	MM	MM	MM	1003.4	MM	MM	MM	MM	MM	MM
2019	01	09	08	20	150	9.0	12.0	MM	MM	MM	MM	1003.1	MM	MM	MM	MM	MM	MM
2019	01	09	08	10	150	8.0	11.0	MM	MM	MM	MM	1002.9	MM	MM	MM	MM	MM	MM
2019	01	09	08	00	130	8.0	11.0	MM	MM	MM	MM	1003.1	MM	MM	MM	MM	-0.3	MM
2019	01	09	07	50	130	9.0	12.0	6.2	15	10.6	237	1003.5	MM	MM	MM	MM	MM	MM
2019	01	09	07	40	140	9.0	13.0	MM	MM	MM	MM	1003.3	MM	MM	MM	MM	MM	MM
2019	01	09	07	30	150	9.0	12.0	MM	MM	MM	MM	1003.1	MM	MM	MM	MM	MM	MM
2019	01	09	07	20	160	9.0	12.0	MM	MM	MM	MM	1003.3	MM	MM	MM	MM	MM	MM
2019	01	09	07	10	150	8.0	10.0	MM	MM	MM	MM	1003.4	MM	MM	MM	MM	MM	MM
2019	01	09	07	00	160	8.0	11.0	MM	MM	MM	MM	1003.1	MM	MM	MM	MM	-0.9	MM
2019	01	09	06	50	160	9.0	12.0	5.4	14	10.0	239	1003.4	MM	MM	MM	MM	MM	MM
2019	01	09	06	40	170	8.0	12.0	5.4	MM	10.0	239	1003.3	MM	MM	MM	MM	MM	MM
2019	01	09	06	30	180	6.0	10.0	MM	MM	MM	MM	1003.3	MM	MM	MM	MM	MM	MM
2019	01	09	06	20	150	4.0	9.0	MM	MM	MM	MM	1003.8	MM	MM	MM	MM	MM	MM
2019	01	09	06	10	130	4.0	5.0	MM	MM	MM	MM	1003.7	MM	MM	MM	MM	MM	MM
2019	01	09	06	00	120	5.0	8.0	MM	MM	MM	MM	1003.8	MM	MM	MM	MM	-0.5	MM
2019	01	09	05	50	120	6.0	9.0	5.1	12	9.6	223	1004.1	MM	MM	MM	MM	MM	MM
2019	01	09	05	40	120	7.0	10.0	5.1	MM	9.6	223	1004.2	MM	MM	MM	MM	MM	MM
2019	01	09	05	30	110	7.0	9.0	MM	MM	MM	MM	1003.9	MM	MM	MM	MM	MM	MM
2019	01	09	05	20	110	7.0	9.0	MM	MM	MM	MM	1003.7	MM	MM	MM	MM	MM	MM
2019	01	09	05	10	110	6.0	9.0	MM	MM	MM	MM	1003.6	MM	MM	MM	MM	MM	MM
2019	01	09	05	00	100	7.0	10.0	MM	MM	MM	MM	1003.4	MM	MM	MM	MM	-0.9	MM
2019	01	09	04	50	100	8.0	11.0	5.1	12	9.4	219	1003.3	MM	MM	MM	MM	MM	MM
2019	01	09	04	40	100	7.0	9.0	MM	MM	MM	MM	1003.3	MM	MM	MM	MM	MM	MM
2019	01	09	04	30	100	5.0	10.0	MM	MM	MM	MM	1003.5	MM	MM	MM	MM	MM	MM
2019	01	09	04	20	110	3.0	6.0	MM	MM	MM	MM	1003.6	MM	MM	MM	MM	MM	MM
2019	01	09	04	10	110	5.0	7.0	MM	MM	MM	MM	1003.9	MM	MM	MM	MM	MM	MM
2019	01	09	04	00	120	5.0	7.0	MM	MM	MM	MM	1004.0	MM	MM	MM	MM	-0.9	MM
2019	01	09	03	50	110	5.0	8.0	4.8	11	9.0	220	1004.3	MM	MM	MM	MM	MM	MM
2019	01	09	03	40	130	6.0	8.0	MM	MM	MM	MM	1004.2	MM	MM	MM	MM	MM	MM
2019	01	09	03	30	130	6.0	9.0	MM	MM	MM	MM	1004.6	MM	MM	MM	MM	MM	MM
2019	01	09	03	20	110	6.0	9.0	MM	MM	MM	MM	1004.3	MM	MM	MM	MM	MM	MM
2019	01	09	03	10	110	5.0	7.0	MM	MM	MM	MM	1004.0	MM	MM	MM	MM	MM	MM
2019	01	09	03	00	110	6.0	9.0	MM	MM	MM	MM	1004.3	MM	MM	MM	MM	-1.0	MM
2019	01	09	02	50	100	7.0	9.0	4.4	12	8.5	223	1004.1	MM	MM	MM	MM	MM	MM

Section B - Meteorological Data (Newport, OR Airport) conditions

Note:

Time in Pacific Standard Time

Wind in mph

Newport Airport Data

Date (PST)	Temp (F)	Dew Point (F)	Relative Humidity (%)	Wind Chill (F)	Wind Direction	Wind Speed (MPH)	Visibility (miles)	Weather	Clouds	Station Pressure (inches)	Sea Level Pressure (mb)	Altimeter Setting (inches)	1 Hour Precip (inches)
09 Jan 6:15 am	54	45	71		SSE	9	10.00		OVC060		29.471	1003.829	0.64
09 Jan 5:55 am	54	45	71		SE	10	10.00		BKN050,OVC060		29.471	1003.829	0.64
09 Jan 5:35 am	54	45	71		SE	8	10.00		OVC050		29.471	1003.829	0.64
09 Jan 5:15 am	52	45	76		ESE	9	10.00		OVC048		29.471	1003.829	0.64
09 Jan 4:55 am	52	45	76		ESE	8	10.00		BKN050,OVC055		29.471	1003.829	0.64
09 Jan 4:35 am	50	45	82		SE	7	10.00		SCT050		29.471	1003.829	0.64
09 Jan 4:15 am	50	45	82		SE	7	10.00		SCT055		29.481	1004.229	0.65
09 Jan 3:55 am	50	46	87		SSE	10	10.00		SCT047,SCT055		29.481	1004.229	0.65
09 Jan 3:35 am	48	46	93		SSE	10	10.00		BKN050,BKN065,OVC110	29.501	1004.929	0.67	
09 Jan 3:15 am	46	45	93		E	10	10.00		SCT050,SCT070,OVC110	29.491	1004.529	0.66	
09 Jan 2:55 am	45	45	100		ESE	9	10.00		SCT055,SCT065,BKN110	29.491	1004.629	0.66	
09 Jan 2:35 am	45	45	100		E	10	10.00	Lt Rain	OVC055		29.501	1004.929	0.67
09 Jan 2:15 am	46	45	93		E	8	10.00	Lt Rain	OVC065		29.501	1004.929	0.67
09 Jan 1:55 am	46	45	93		E	8	10.00		BKN065,OVC075		29.491	1004.529	0.66
09 Jan 1:35 am	46	45	93		ESE	9	10.00	Lt Rain	BKN065,BKN075,OVC090	29.501	1004.929	0.67	
09 Jan 1:15 am	45	45	100		E	10	10.00	Mod Rain	SCT047,BKN060,OVC090	29.501	1004.929	0.67	
09 Jan 12:55 am	45	45	100		ESE	8	10.00	Lt Rain	SCT020,SCT029,OVC065	29.511	1005.229	0.68	
09 Jan 12:35 am	45	43	93		N	CALM	10.00	Mod Rain	SCT031,BKN065,OVC075	29.521	1005.629	0.69	
09 Jan 12:15 am	45	43	93		ESE	5	10.00		SCT065,BKN085,OVC100	29.501	1004.929	0.67	
08 Jan 11:55 pm	45	43	93		E	5	10.00	Mod Rain	BKN060,OVC095		29.491	1004.629	0.66
08 Jan 11:35 pm	46	43	87		N	CALM	10.00	Lt Rain	OVC065		29.501	1004.929	0.67
08 Jan 11:15 pm	46	43	87		E	8	10.00	Mod Rain	OVC065		29.491	1004.529	0.66
08 Jan 10:55 pm	46	43	87		E	10	10.00		OVC065		29.481	1004.229	0.65
08 Jan 10:35 pm	46	43	87		E	13	10.00		OVC065		29.481	1004.229	0.65
08 Jan 10:15 pm	46	45	93		E	13	10.00		OVC065		29.491	1004.529	0.66
08 Jan 9:55 pm	46	43	87		E	11	10.00	Lt Rain	BKN065,OVC075		29.501	1004.929	0.67
08 Jan 9:35 pm	46	45	93		E	13	10.00	Mod Drizzle	SCT070,OVC075		29.501	1004.929	0.67
08 Jan 9:15 pm	46	43	87		E	14	10.00	Lt Drizzle	OVC065		29.491	1004.529	0.66
08 Jan 8:55 pm	46	43	87		E	16	10.00		OVC065		29.491	1004.529	0.66
08 Jan 8:35 pm	46	43	87		E	17	10.00		OVC065		29.491	1004.529	0.66
08 Jan 8:15 pm	46	43	87		E	17	10.00		OVC065		29.501	1004.929	0.67
08 Jan 7:55 pm	46	45	93		E	16	10.00		OVC065		29.501	1004.929	0.67
08 Jan 7:35 pm	46	45	93		E	15	10.00		BKN065,OVC075		29.501	1004.929	0.67
08 Jan 7:15 pm	46	45	93		E	16	10.00		SCT065,OVC075		29.511	1005.229	0.68

Section C – Moonrise / Moonset Data

Jan 8, 2019:

- Moonrise: 9:35 am Pacific Time
- Moonset: 7:33 pm Pacific Time

Section D – Coastal Waters Forecast

Coastal Waters Forecast

National Weather Service Portland OR

236 PM PST Tue Jan 8 2019

Coastal waters from Cape Shoalwater Washington to Florence Oregon

and westward 60 NM

PZZ200-091245-

236 PM PST Tue Jan 8 2019

.SYNOPSIS FOR THE SOUTHERN WASHINGTON AND NORTHERN OREGON COAST...

A strong low pressure system will bring increasing easterly winds today before a front brings a surge of gale force southerly winds late Tuesday night and Wednesday. Additional weaker low pressure systems will impact the waters late in the week.

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PZZ270-091245-

Waters from Cape Shoalwater WA to Cascade Head OR from 10 to 60 NM-

236 PM PST Tue Jan 8 2019

...SMALL CRAFT ADVISORY FOR WINDS IN EFFECT UNTIL 10 PM PST THIS EVENING...

...SMALL CRAFT ADVISORY FOR HAZARDOUS SEAS IN EFFECT UNTIL 10 PM PST THIS EVENING...

...GALE WARNING IN EFFECT FROM 10 PM PST THIS EVENING THROUGH WEDNESDAY EVENING...

.TONIGHT...SE wind 20 to 25 kt with gusts to 35 kt, rising to 25 to 30 kt with gusts to 40 kt after midnight. Combined seas 12 ft with a dominant period of 11 seconds, building to 20 ft with a dominant period of 18 seconds. Rain.

.WED...S wind 30 to 35 kt with gusts to 45 kt. Combined seas 23 ft with a dominant period of 14 seconds. Rain.

.WED NIGHT...S wind 25 kt. Gusts to 35 kt, becoming 30 kt after midnight. Combined seas 20 ft with a dominant period of 12 seconds in the evening. Rain likely.

.THU...S wind 20 to 25 kt with gusts to 35 kt. Combined seas 15 ft with a dominant period of 12 seconds. Chance of rain.

.THU NIGHT...SE wind 20 to 25 kt with gusts to 30 kt. Wind waves SE 6 ft at 7 seconds. SW swell 12 ft at 11 seconds.

.FRI...SE wind 15 to 20 kt. Wind waves 4 ft. SW swell 12 ft.

.FRI NIGHT...SE wind 10 to 15 kt with gusts to 20 kt. Wind waves 3 ft. S swell 11 ft. Chance of rain.

.SAT...SE wind 15 to 20 kt. Wind waves 5 ft. SW swell 10 ft.

.SUN...SE wind 15 to 20 kt. Wind waves 5 ft. W swell 10 ft.

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PZZ275-091245-

Waters from Cascade Head to Florence OR from 10 to 60 NM-
236 PM PST Tue Jan 8 2019

...SMALL CRAFT ADVISORY FOR WINDS IN EFFECT UNTIL 4 PM PST THIS AFTERNOON...

...SMALL CRAFT ADVISORY FOR HAZARDOUS SEAS IN EFFECT UNTIL 4 PM PST THIS AFTERNOON...

...GALE WARNING IN EFFECT THROUGH WEDNESDAY EVENING...

.TONIGHT...SE wind 25 to 30 kt with gusts to 35 kt, rising to 30 to 35 kt with gusts to 45 kt after midnight. Combined seas

15 ft with a dominant period of 11 seconds, building to 23 ft with a dominant period of 18 seconds. Rain.

.WED...S wind 30 to 35 kt with gusts to 45 kt, easing to 25 to 30 kt with gusts to 40 kt in the afternoon. Combined seas 23 ft with a dominant period of 14 seconds. Rain.

.WED NIGHT...SW wind 25 kt with gusts to 35 kt, becoming 30 kt overnight. Combined seas 19 ft with a dominant period of 12 seconds in the evening. Rain likely.

.THU...S wind 20 to 25 kt with gusts to 30 kt. Wind waves S 7 ft at 8 seconds. SW swell 14 ft at 11 seconds. Chance of rain.

.THU NIGHT...SE wind 20 to 25 kt with gusts to 30 kt. Wind waves SE 6 ft at 7 seconds. SW swell 12 ft at 10 seconds.

.FRI...SE wind 10 to 15 kt with gusts to 20 kt. Wind waves 4 ft. SW swell 12 ft.

.FRI NIGHT...SE wind 10 to 15 kt. Wind waves 3 ft. S swell 11 ft. Chance of rain.

.SAT...SE wind 20 to 25 kt. Wind waves 6 ft. SW swell 11 ft.

.SUN...SE wind 15 to 20 kt. Wind waves 4 ft. W swell 10 ft.

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PZZ250-255-091245-

Coastal waters from Cape Shoalwater WA to Cascade Head OR out 10 NM-Coastal waters from Cascade Head to Florence OR out 10 NM-236 PM PST Tue Jan 8 2019

...SMALL CRAFT ADVISORY FOR WINDS IN EFFECT THROUGH WEDNESDAY MORNING...

...SMALL CRAFT ADVISORY FOR HAZARDOUS SEAS IN EFFECT THROUGH WEDNESDAY MORNING...

...GALE WARNING IN EFFECT FROM WEDNESDAY MORNING THROUGH WEDNESDAY EVENING...

.TONIGHT...E wind 20 to 25 kt with gusts to 30 kt, easing to 15 to 20 kt with gusts to 25 kt in the evening, then becoming SE 20 to 25 kt after midnight. Wind waves E 5 ft at 6 seconds. SW swell 9 ft at 11 seconds, building to 17 ft at 18 seconds. Rain.

.WED...SE wind 20 to 25 kt with gusts to 30 kt, becoming S 25 to 30 kt with gusts to 40 kt in the afternoon. Combined seas 18 ft with a dominant period of 14 seconds. Rain.

.WED NIGHT...S wind 20 to 25 kt. Gusts to 35 kt in the evening. Combined seas 19 ft with a dominant period of 12 seconds in the evening. Rain.

.THU...S wind 15 to 20 kt with gusts to 25 kt. Wind waves S 4 ft at 5 seconds. SW swell 12 ft at 12 seconds. Chance of rain.

.THU NIGHT...SE wind 10 to 15 kt. Gusts to 20 kt in the evening. Wind waves SE 3 ft at 4 seconds. SW swell 10 ft at 11 seconds.

.FRI...E wind 10 kt with gusts to 15 kt. Wind waves 3 ft. SW swell 10 ft.

.FRI NIGHT...E wind 10 kt with gusts to 15 kt. Wind waves 2 ft. S swell 10 ft.

.SAT...E wind 10 to 15 kt. Wind waves 3 ft. SW swell 10 ft.

.SUN...SE wind 10 to 15 kt. Wind waves 3 ft. W swell 9 ft.

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PZZ210-091245-

Columbia River Bar-

236 PM PST Tue Jan 8 2019

...SMALL CRAFT ADVISORY FOR ROUGH COLUMBIA RIVER BAR IN EFFECT THROUGH WEDNESDAY AFTERNOON...

.IN THE MAIN CHANNEL...

- GENERAL SEAS...5 ft, becoming 8 to 11 ft tonight, then building to 15 to 16 feet Wednesday morning and holding through Wednesday night.
- FIRST EBB...Around 6 PM this evening. Seas near 12 feet with breakers.
- SECOND EBB...Around 645 AM Wednesday. Seas near 18 feet with breakers.
- THIRD EBB...Around 630 PM Wednesday. Seas near 16 feet with breakers.

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weather.gov/portland