

2007 SMILE Winter Activity
Buoy Data

Station 46050 - STONEWALL BANKS - 20NM West of Newport, OR

Owned and maintained by National Data Buoy Center

3-meter discus buoy

VEEP payload

44.62 N 124.53 W (44°37'16"N 124°31'42" W)

Site elevation: sea level

Air temp height: 4 m above site elevation

Anemometer height: 5 m above site elevation

Barometer elevation: sea level

Sea temp depth: 0.6 m below site elevation

Water depth: 130.1 m

Watch circle radius: 130 yards



"Potential Explosion Hazard Exists for this Buoy"

[Latest NWS Marine Forecast](#)

[Important Notice to Mariners](#)

[Search And Rescue \(SAR\) Data](#)













[Meteorological Observations from Nearby Stations and Ships](#)

[Latest Satellite Wind Map for this Area](#)

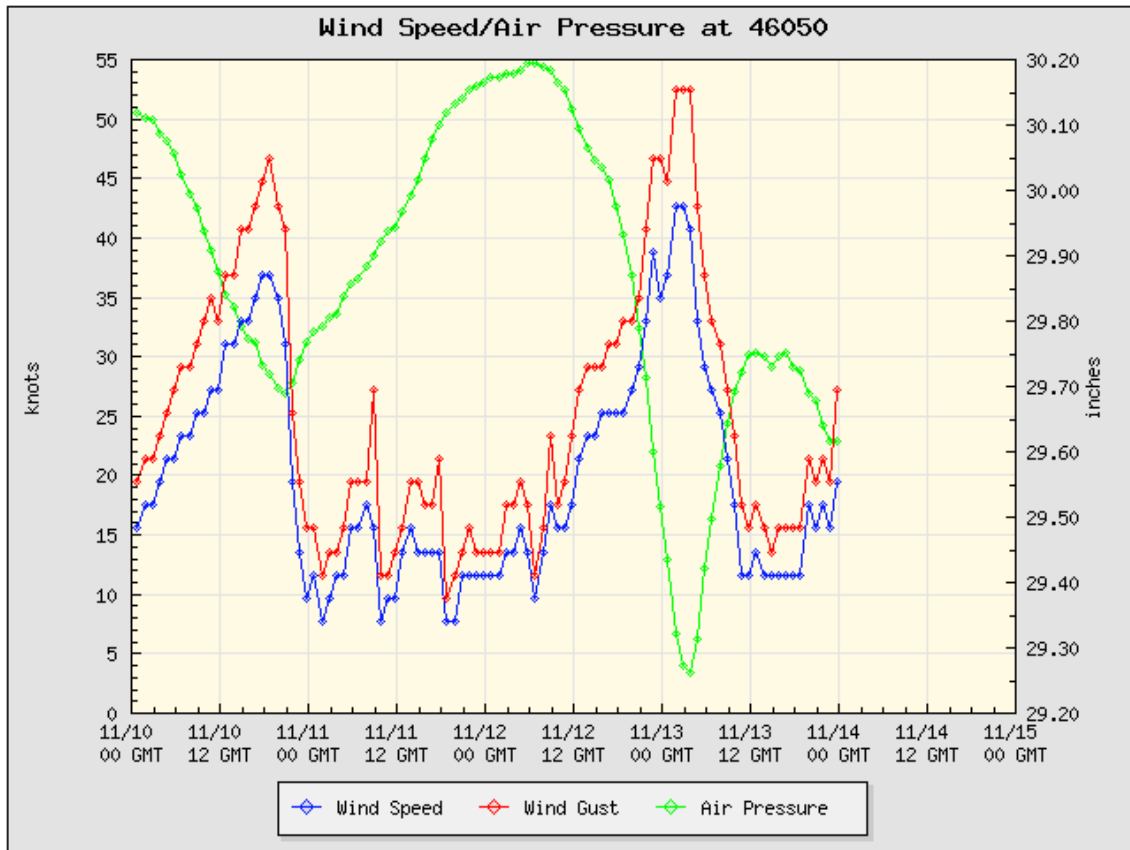
Conditions at 46050 as of
(3:50 pm PST)
2350 GMT on 11/13/2006:

Unit of Measure: Time Zone:

Click on the graph icon in the table below to see a time series plot of the last five days of that observation.

	Wind Direction (WDIR):	W (260 deg true)
	Wind Speed (WSPD):	19.4 kts
	Wind Gust (GST):	27.2 kts
	Wave Height (WVHT):	18.4 ft
	Dominant Wave Period (DPD):	11 sec
	Average Period (APD):	8.5 sec
	Atmospheric Pressure (PRES):	29.62 in
	Pressure Tendency (PTDY):	-0.06 in (Falling)
	Air Temperature (ATMP):	50.0 °F
	Water Temperature (WTMP):	52.7 °F
	Wind Chill (CHILL):	43.2 °F
	Combined plot of Wind Speed, Gust, and Air Pressure	

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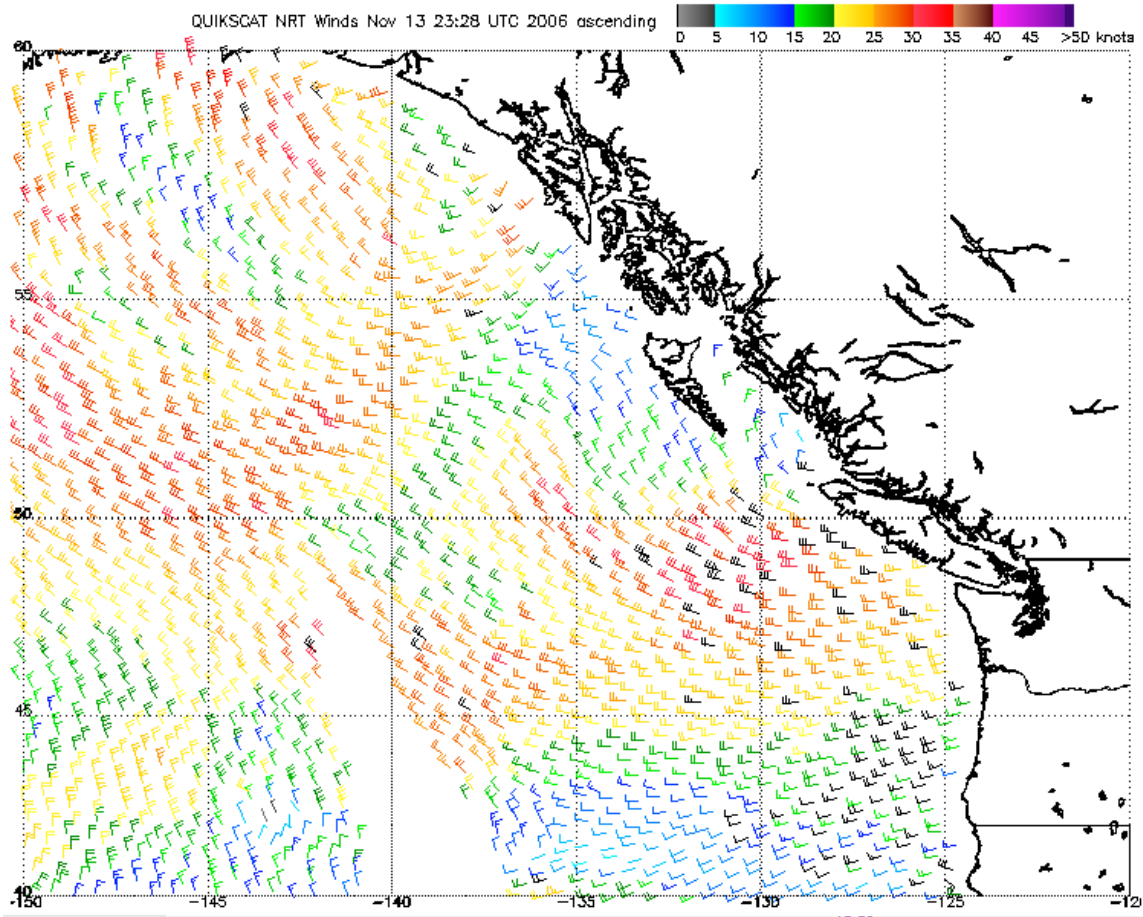
Continuous Winds

TIME (PST)	WDIR	WSPD
3:50 pm	WSW (256 deg)	19.0 kts
3:40 pm	WSW (238 deg)	19.4 kts
3:30 pm	SW (230 deg)	17.3 kts
3:20 pm	SW (227 deg)	17.7 kts
3:10 pm	SW (226 deg)	18.6 kts
3:00 pm	SW (226 deg)	17.9 kts

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NWS Forecast

COASTAL WATERS FORECAST
NATIONAL WEATHER SERVICE MEDFORD, OR
249 PM PST MON NOV 13 2006

COASTAL WATERS FROM FLORENCE OREGON TO POINT ST. GEORGE
CALIFORNIA
AND WESTWARD 60 NM.

PZZ300-140545-
249 PM PST MON NOV 13 2006

SYNOPSIS FOR THE SOUTHERN OREGON COASTAL WATERS

HIGH PRESSURE
WILL BRIEFLY BUILD OVER THE AREA THROUGH EARLY TUESDAY. A
STORM
WILL FOLLOW...WITH THE WARM FRONT MOVING THROUGH TUESDAY
NIGHT AND
THE TRAILING COLD FRONT MOVING ON SHORE WEDNESDAY AFTERNOON
AND EVENING.
HIGH PRESSURE WILL RETURN THURSDAY AND PERSIST THROUGH
SATURDAY.

COASTAL WATERS FROM FLORENCE TO CAPE BLANCO OR OUT 20 NM-
WATERS FROM FLORENCE TO CAPE BLANCO OR FROM 20 TO 60 NM-
249 PM PST MON NOV 13 2006

...HAZARDOUS SEAS WARNING REMAINS IN EFFECT THROUGH TUESDAY
AFTERNOON...

GALE FORCE WINDS EXPECTED TUESDAY NIGHT

TONIGHT

SW WIND 20 KT...VEERING TO NW AFTER MIDNIGHT. WIND WAVES
3 TO 5 FT. NW SWELL 15 TO 16 FT AT 12 SECONDS...SUBSIDING TO
11
FT AT 11 SECONDS AND W 9 FT AT 10 SECONDS AFTER MIDNIGHT.
WIDESPREAD SHOWERS.