

National Weather Service

Los Angeles / Oxnard

Marine Weather Program

Ryan Kittell



What To Expect Today

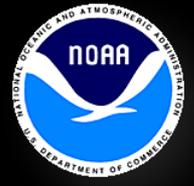
- About Us
- Forecast & Observations
- How to Receive Our Information



National Weather Service



125 Offices including Alaska (3), Hawaii, Guam, Samoa, Puerto Rico
Several National Centers – Including **NDBC** (MS) and **OPC** (MD)



National Weather Service

Area We Cover



National Weather Service

Mission

The National Weather Service (NWS) provides weather, hydrologic, and climate forecasts and warnings for the United States, its territories, adjacent waters and ocean areas, for the **protection of life and property** and the **enhancement of the national economy**.

Integrated **Decision** Support Services (IDSS)

Forecasts

Warnings

Observations



Routine Forecasts

Coastal Waters Forecast (CWF)

.SYNOPSIS FOR SOUTHERN CALIFORNIA COAST AND SANTA BARBARA CHANNEL INCLUDING THE CHANNEL ISLANDS NATIONAL MARINE SANCTUARY AND NATIONAL PARK...

AT 15Z...OR 8 AM PDT...A 1024 MB HIGH WAS 600 NM W OF POINT CONCEPTION...AND A 1004 MB LOW WAS NEAR LAS VEGAS. MODERATE TO STRONG W TO NW FLOW WILL CONTINUE THROUGH TONIGHT. A LARGE SOUTHERLY SWELL WILL AFFECT THE COASTAL WATERS THROUGH THE WEEKEND.

PZZ655-192230-

INNER WATERS FROM POINT MUGU TO SAN MATEO PT. CA INCLUDING SANTA CATALINA AND SANTA BARBARA ISLANDS-
844 AM PDT THU MAY 19 2011

.TODAY...N WINDS 5 TO 10 KT IN THE MORNING...BECOMING W TO NW 10 TO 20 KT IN THE AFTERNOON. WIND WAVES 1 TO 3 FT. MIXED SWELL W 3 TO 5 FT AT 9 SECONDS AND S 4 TO 5 FT AT 18 SECONDS. PATCHY FOG IN THE MORNING.

.TONIGHT...NW WINDS 10 TO 20 KT IN THE EVENING...BECOMING SE 5 TO 10 KT OVERNIGHT. WIND WAVES 1 TO 3 FT. MIXED SWELL W 3 TO 5 FT AT 9 SECONDS AND S 4 TO 5 FT AT 17 SECONDS.

.FRI...S WINDS 5 TO 10 KT...BECOMING W 15 TO 25 KT IN THE AFTERNOON. COMBINED SEAS 4 TO 6 FT DOMINANT PERIOD 9 SECONDS.

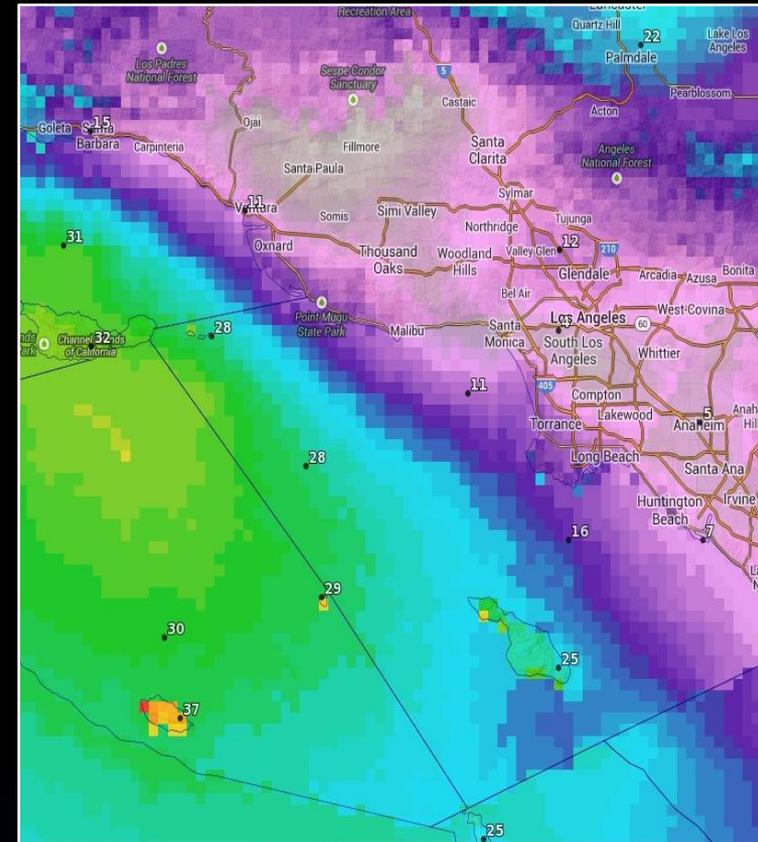
.FRI NIGHT...W WINDS 15 TO 25 KT...BECOMING 5 TO 10 KT AFTER MIDNIGHT. COMBINED SEAS 4 TO 6 FT. PATCHY FOG AFTER MIDNIGHT.

.SAT...WINDS VARIABLE 10 KT OR LESS. WIND WAVES 2 FT OR LESS. MIXED SWELL W 2 TO 4 FT AND S 3 TO 4 FT. PATCHY FOG IN THE MORNING.

.SAT NIGHT...W WINDS 5 TO 15 KT. WIND WAVES 2 FT OR LESS. MIXED SWELL W 3 TO 4 FT AND S 3 TO 4 FT. PATCHY FOG AND DRIZZLE AFTER MIDNIGHT.

.SUN THROUGH MON...W WINDS 10 TO 20 KT. WIND WAVES 2 TO 3 FT. MIXED SWELL W 3 TO 5 FT AND S 2 TO 3 FT. PATCHY FOG. PATCHY DRIZZLE.

Digital Forecasts



Warning, Watch, & Advisory

Small Craft Advisory

- Wind 21 – 33 knots
- Seas 10+ feet
- Very Steep Seas

Gale Warning

- Wind 34 – 47 knots

Storm Warning

- Wind 48 – 63 knots

Hurricane Force Winds

- Wind 64+ knots

Special Marine Warning

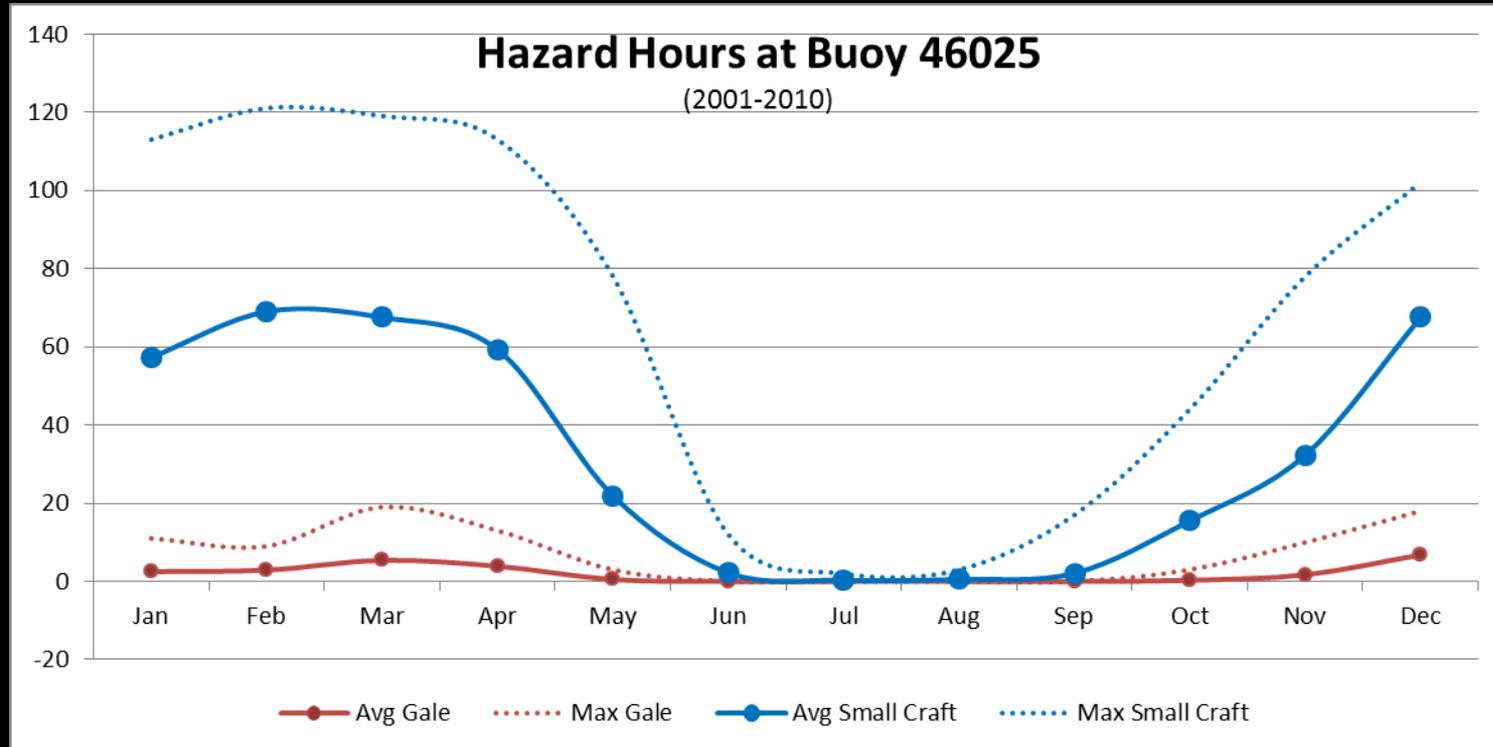
- Severe Weather
- Convective Winds 34+ knots
- Waterspout or Funnel Cloud

Marine Weather Statement

- Anything else
- Possibility of thunderstorms
- Extended (3-7 days) Outlooks
- Hazardous Spills
- Widespread Dense Fog
- Large Tides or Tsunami Info
- SMW Updates

Warning, Watch, & Advisory

How often do these hazards occur?



- **Small Craft Advisories:** Average 28 events/year lasting 14 hours (max 88 hours)
- **Gale Warnings:** Average 3 events/year lasting 6 hours (max 18 hours)
- **Storm Warnings:** 0
 - Wind Gusts >40kt 12 times from 2001-2010 (5 separate years)
 - Max 44kt (April 28, 2010) **Since 1987:** Max **47.9kt** (April 30, 1988)

Coastal Buoys & Observations

★ 8 NOAA NDBC Buoys

- Wind, Wave, Air Temp, SST

★ 9 SCRIPPS Waverider Buoys

- Wave & SST

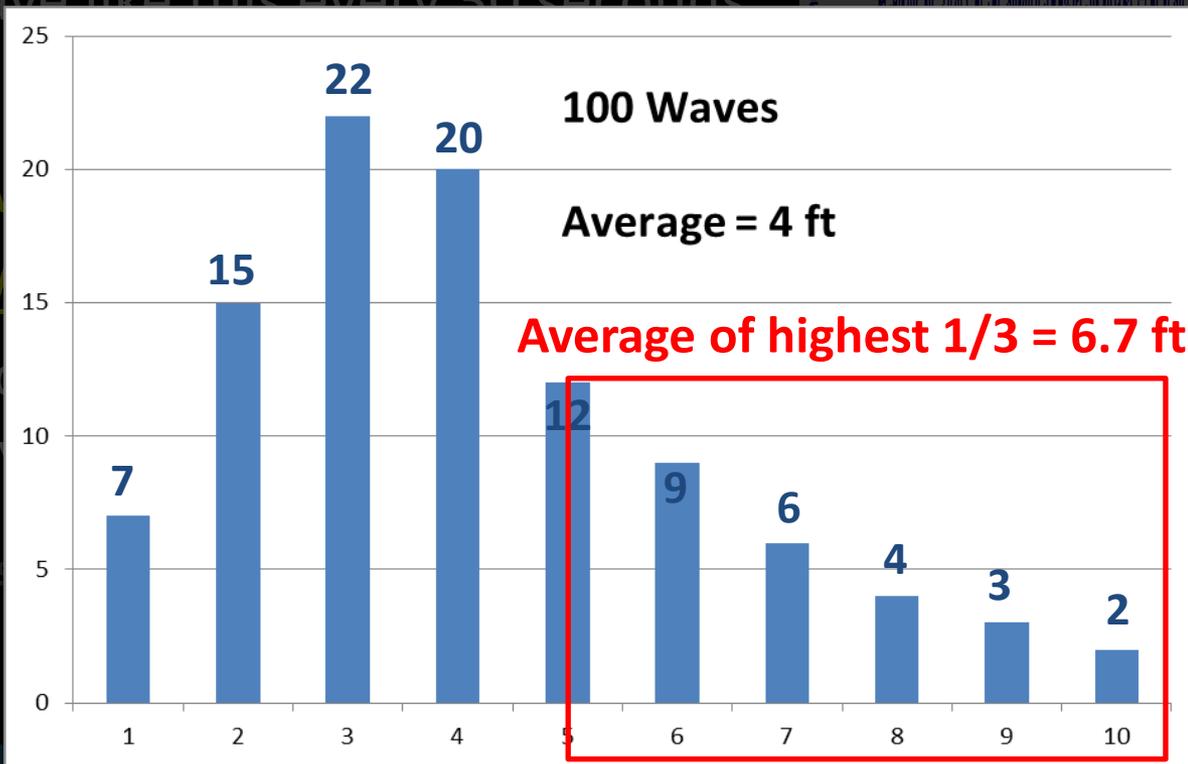


Wave Observations & Forecasts

A buoy reports 5 feet
what does that mean?



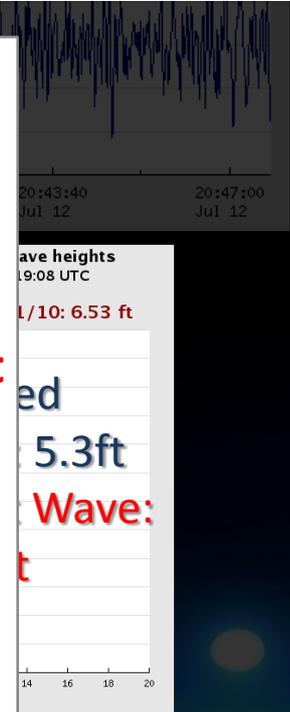
• A wave like this every 30 seconds



Most waves
but a few

• Up to
every

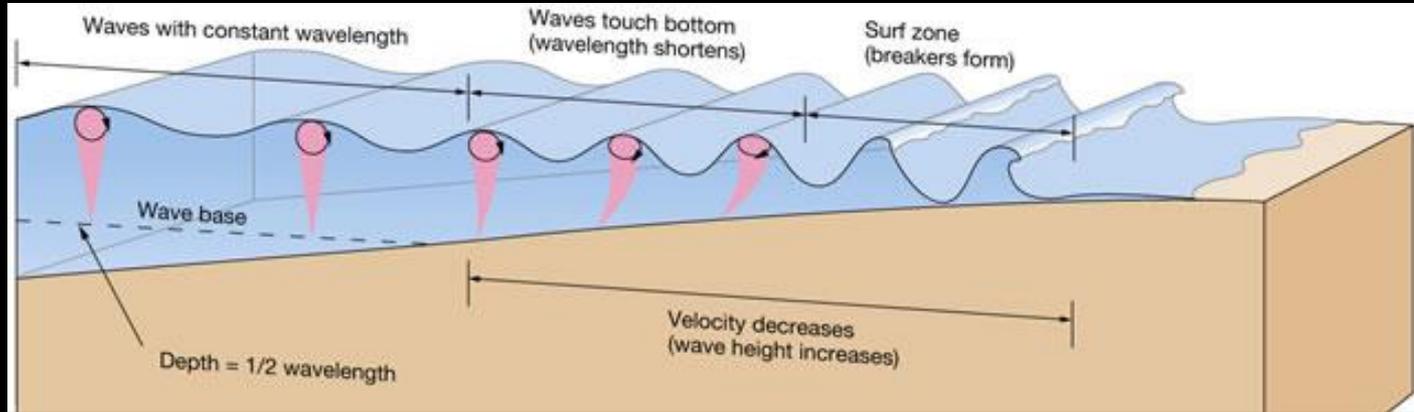
* Real-time plots



Wave Periods

(14 seconds or more)

Long period waves can be hazardous near shore



Morro Bay Harbor Entrance

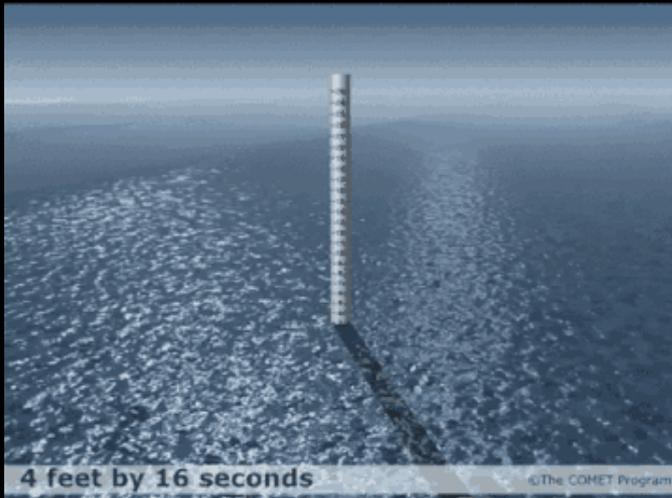


Ventura Harbor Entrance

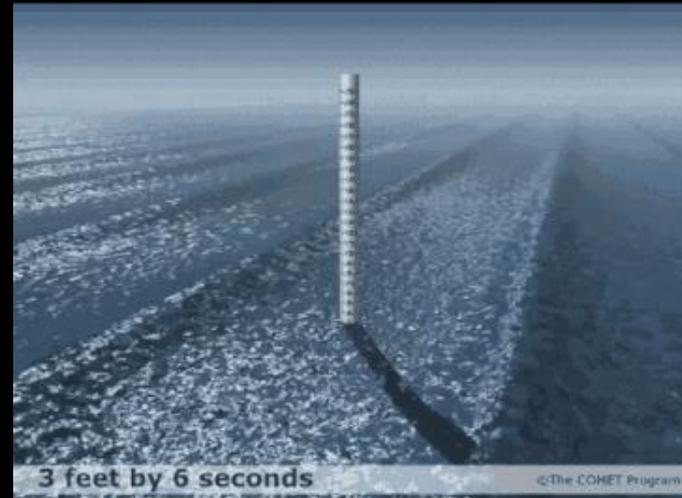
Wave Periods

Wave period describes the steepness of the wave

- **Short period waves** are steep and **most dangerous**
(8 seconds or less)
- Short period waves are in or near to windy areas



Long Period Waves



Short Period Waves

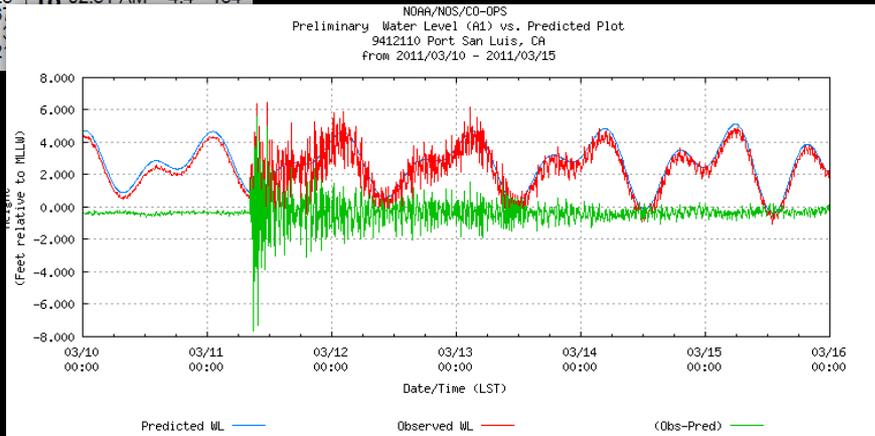
Tidal Information

Network of Coastal Tide Gauges

<http://tidesandcurrents.noaa.gov/>



January									
	Time				Height				
	h	m	ft	cm	h	m	ft	cm	
1 Tu	12:27	AM	3.7	113	16 W	01:06	AM	4.4	134
	05:15	AM	2.3	70		06:56	AM	1.7	52
	11:10	AM	4.7	143		12:37	PM	3.9	119
	06:12	PM	0.0	0		07:00	PM	0.6	18
2 W	01:05	AM	3.9	119	17 Th	01:56	AM	4.4	134
	06:15	AM	2.3	70		08:20	AM	1.7	52
	11:56	AM	4.2	128		01:49	PM	3.2	98
	06:49	PM	0.3	9		07:44	PM	1.2	37
3 Th	01:48	AM	4.1	125	18	02:51	AM	4.4	134
	07:32	AM	2.2	67					
	12:56	PM	3.7	111					
	07:30	PM	0.7	21					



Tsunami Program

National Tsunami Warning Center

Palmer, Alaska <http://ntwc.arh.noaa.gov>

Tsunami Warning

Danger! Widespread inundation with waves over 1 meter is imminent or occurring. Move to higher ground immediately!

Tsunami Advisory

Strong currents or waves of up to 1 meter are imminent or occurring. Move away from harbors and marinas.

Tsunami Watch

Potential tsunami which may later impact the area. Can be upgraded to a warning or advisory. Stay tuned.

Important Tsunami Facts:

- Tsunamis are a **series** of waves
- The **largest** waves are usually **well after** the initial arrival
- Tsunamis can **last many hours** or even days
- Local officials will give the **all-clear** when the threat has ended



TV & Radio & Phone Alerts

has issued a severe thunderst

TV & Radio Newscasters



weather.gov/losangeles

Web Page



Social Media



Phone Services



NOAA Weather Radio

Available on most marine radios



- **4 Marine Transmitters**

- Ch 4 – Malibu **NEW!**
- Ch 7 – Avalon
- Ch 3 – Santa Barbara
- Ch 7 – Hearst Castle

- **3 Land Transmitters**

- Ch 1 – Mount Lukens
- Ch 2 – Santa Barbara
- Ch 1 – San Luis Obispo

- **Additional Transmitters**

- Ch 5 – Santa Ana Mtns



Phone Services

24 Hour Phone Line

805.988.6610 x1

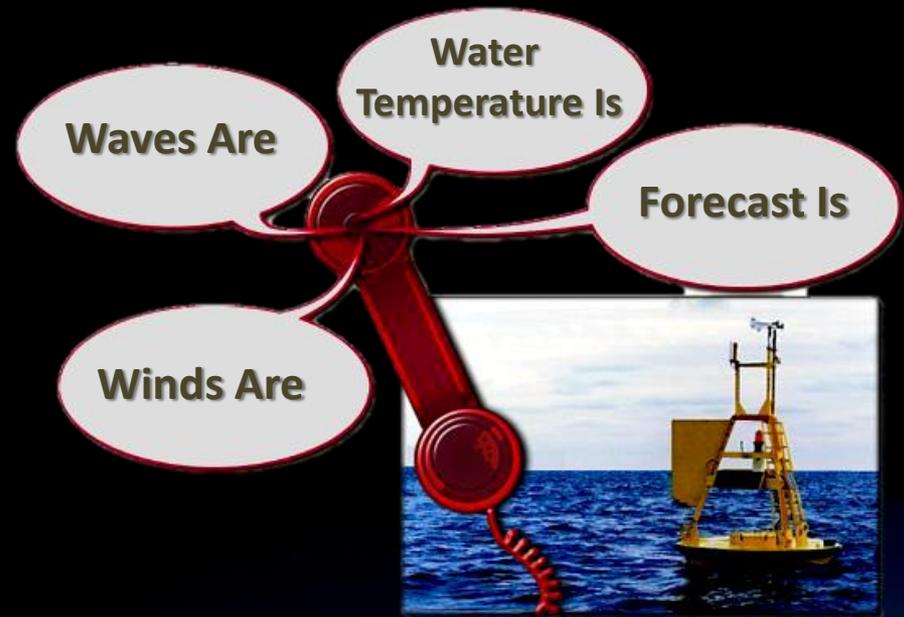
Live Person Line

930am – 300pm

805.988.6610 x0

Dial – A - Buoy

888-701-8992



Web Page

weather.gov/losangeles [Go](#)

The screenshot shows the NWS Los Angeles website. At the top, there is a navigation bar with links for HOME, FORECAST, PAST WEATHER, SAFETY, INFORMATION, EDUCATION, NEWS, SEARCH, and ABOUT. Below this is a search box for local forecasts by city, state, or ZIP code, with a 'Go' button and a 'Location Help' link. The main heading is 'NWS Forecast Office Los Angeles, CA'. A sidebar on the left allows users to 'Customize Your Weather.gov' by entering their city, state, or ZIP code, with a 'Get Weather' button and a 'Remember Me' checkbox. The central content area features a map titled 'Click a location below for detailed forecast.' with various locations marked, including Buoy 28, Buoy 11, Buoy 54, Buoy 53, Buoy 25, Buoy 59, and several cities like Paso Robles, San Luis Obispo, Bakersfield, Tehachapi, Santa Barbara, Santa Clara, Palmdale, Santa Maria, Lompoc, Oxnard, Burbank, Los Angeles, Anaheim, Long Beach, and Avalon. A legend on the right of the map shows a purple square for 'Small Craft Advisory'. Below the map is a 'Text Product Selector' dropdown menu set to 'Latest Text Products Issued by LOX'. At the bottom, there is a grid of icons for various services: Hazards, Observations, Marine Weather, Fire Weather, Aviation Weather, Hydrology, Forecast Discussion, Graphical Forecasts, Fast Page, Mobile Devices, Recent Area Temperatures/Precipitation, and Past Weather Data.

Hazards Map

- Easy starting point
- Colors show current hazards
- Click on the map to get forecast



twitter.com/NWSLosAngeles



facebook.com/NWSLosAngeles

Web Page – Zone Forecasts

NATIONAL WEATHER SERVICE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOME FORECAST PAST WEATHER WEATHER SAFETY INFORMATION CENTER NEWS SEARCH ABOUT

Last Update: 843 AM PDT SAT MAR 14 2015
[View Nearby Observations](#)

HAZARDOUS WEATHER CONDITIONS

- Small Craft Advisory For Hazardous Seas is in effect until March 14, 05:00 PM PDT

MARINE ZONE FORECAST

Synopsis: AT 15Z...OR 8 AM PDT...A TROUGH OF LOW PRES OVER THE ERN PAC WILL GRADUALLY SHIFT E WHILE WEAKENING AND DISSIPATE OVER THE OFFSHORE WATERS N OF THE AREA SUN NIGHT. A RIDGE OF HIGH PRES WILL THAN BUILD OVER THE ERN PAC MON THROUGH TUE AND PERSIST THROUGH WED.

Today	NE winds 5 to 10 kt...becoming E in the afternoon. Wind waves 2 ft or less. Mixed swell W 2 ft at 11 seconds and S 2 ft at 15 seconds.
Tonight	NW winds 10 kt in the evening...becoming variable 10 kt or less. Wind waves 2 ft or less. Mixed swell W 2 ft at 14 seconds and S 2 ft at 14 seconds.
Sun	SE winds 5 to 10 kt. Wind waves 2 ft or less. Mixed swell W 2 to 3 ft at 13 seconds and S 2 ft at 13 seconds.
Sun Night	NW winds 5 to 10 kt. Wind waves 2 ft or less. Mixed swell W 2 to 3 ft at 12 seconds and S 2 ft at 13 seconds.
Mon	Winds variable 10 kt or less...becoming S 10 kt in the afternoon. Wind waves 2 ft or less. W swell 2 to 3 ft at 12 seconds.
Mon Night	W winds 10 kt in the evening...becoming variable 10 kt or less. Wind waves 2 ft or less. W swell 2 to 3 ft at 10 seconds. Patchy fog after midnight.
Tue	S winds 5 to 15 kt. Wind waves 2 ft or less. W swell 2 to 3 ft.
Wed	W winds 5 to 15 kt. Wind waves 2 ft or less. W swell 2 to 4 ft.

ADDITIONAL FORECASTS AND INFORMATION

ZONE AREA FORECAST FOR INNER WATERS FROM POINT MUGU TO SAN MATEO PT. CA INCLUDING SANTA CATALINA AND ANACAPA ISLANDS
MOBILE VERSION

National Marine Forecasts	Printable Forecast	About Marine Point Forecasts
Forecast Discussion	Text Only Forecast	Tabular Forecast
Tide Information		Home
Observation Map (Regional)	Experimental Graphical Forecasts	User Defined Area
Observation Map (Los Angeles)	Quantitative Precipitation Forecast	
Warnings	Climatology	

Topographic Click Map For Detailed Forecast

Disclaimer Esri, DeLorme, FA, Esri

Requested Location Forecast Area

ABOUT THIS FORECAST

Last Update: 843 AM PDT SAT MAR 14 2015
[Forecast Discussion](#)

[KML](#) [XML](#)

RADAR & SATELLITE IMAGES

NATIONAL DIGITAL FORECAST DATABASE

Highlights

- 5 Day marine forecast
- Map shows area of forecast
- Links to active hazards
- Links to Satellite & Radar
- Links to Forecast Discussion
- Links to Graphical Forecast

Point Forecast Gateway

- Map is “clickable” to narrow down forecast area to specific point

Web Page – Point Forecast

NATIONAL WEATHER SERVICE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOME FORECAST PAST WEATHER WEATHER SAFETY INFORMATION CENTER NEWS SEARCH ABOUT

2NM S MALIBU CA MARINE POINT FORECAST

For More Weather Information:
Los Angeles/Oxnard, CA Local Forecast Office

Today	Tonight	Sunday	Sunday Night	Monday	Monday Night	Tuesday	Tuesday Night	Wednesday
NNE 15kt	W 10kt↓	↑W 10kt	WSW 10kt↓	↑W 10kt	W 10kt	W 10kt	W 10kt↓	↑W 10kt

DETAILED FORECAST

Synopsis: AT 15Z...OR 8 AM PDT...A TROUGH OF LOW PRES OVER THE ERN PAC WILL GRADUALLY SHIFT E WHILE WEAKENING AND DISSIPATE OVER THE OFFSHORE WATERS N OF THE AREA SUN NIGHT. A RIDGE OF HIGH PRES WILL THAN BUILD OVER THE ERN PAC MON THROUGH TUE AND PERSIST THROUGH WED.

Today	Tonight	Sunday	Sunday Night	Monday	Monday Night	Tuesday	Tuesday Night	Wednesday
NNE wind 5 to 15 kt becoming WSW in the afternoon. Mostly sunny. Mixed swell...W 2 ft at 10 seconds and S 1 ft at 14 seconds. Wind waves 1 to 3 ft.	W wind 5 to 10 kt becoming variable and less than 5 kt after midnight. Partly cloudy. Mixed swell...W 2 ft at 15 seconds and S 1 ft at 14 seconds. Wind waves 1 to 2 ft.	Variable winds less than 5 kt becoming W 5 to 10 kt in the afternoon. Mostly sunny. Mixed swell...W 2 ft at 14 seconds and S 1 ft at 14 seconds. Wind waves 1 to 2 ft.	WSW wind 5 to 10 kt becoming variable and less than 5 kt after midnight. Partly cloudy. Mixed swell...W 2 ft and S 1 ft. Wind waves 1 to 2 ft.	Variable winds less than 5 kt becoming W 5 to 10 kt in the afternoon. Mostly sunny. W swell 2 ft. Wind waves 1 to 2 ft.	W wind 5 to 10 kt becoming NE after midnight. Partly cloudy. W swell 2 ft. Wind waves 1 to 2 ft.	NE wind 5 to 10 kt becoming W in the afternoon. Patchy fog before noon. W swell 2 ft. Wind waves 1 to 2 ft.	W wind 5 to 10 kt becoming variable and less than 5 kt after midnight. Patchy fog after midnight. W swell 2 ft. Wind waves 1 to 2 ft.	Variable winds less than 5 kt becoming W 5 to 10 kt in the afternoon. Patchy fog before noon. W swell 2 ft. Wind waves 1 to 2 ft.

***Notices:**

- This forecast is for a single location. For safety concerns, mariners should be aware of the weather over a larger area. Forecast information for a larger area can be found within the zone forecast and the NDFD graphics.
- The forecast conditions at a particular point may not exceed the criteria of a Small Craft Advisory, Gale, Storm etc. These watches/warnings/advisories are issued for the entire zone in which the point resides and mariners should act accordingly.

ADDITIONAL FORECASTS AND INFORMATION

ZONE AREA FORECAST FOR INNER WATERS FROM POINT MUGU TO SAN MATEO PT. CA INCLUDING SANTA CATALINA AND ANACAPA ISLANDS
MOBILE VERSION

Topographic Select Another Point

Requested Location Forecast Area

ABOUT THIS FORECAST

Point Forecast: 33.97°N 118.81°W

Last Update: 9:31 am PDT Mar 14, 2015

Forecast Valid: 10am PDT Mar 14, 2015-6pm PDT Mar 20, 2015

Forecast Discussion

[KML](#) [XML](#)

RADAR & SATELLITE IMAGES

Highlights

- Forecast for 1.5 square mile box
- Summary Icons
- Map still “clickable”

DISCLAIMER

Forecasts over land also available
Now Including the Channel Islands

Web Page - Marine

Marine Weather Page

weather.gov/losangeles [Go](#)

NATIONAL WEATHER SERVICE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOME FORECAST PAST WEATHER SAFETY INFORMATION EDUCATION NEWS SEARCH ABOUT

Local forecast by "City, ST or ZIP code"
Enter location: [Go]
Location Help

NWS Forecast Office Los Angeles, CA Los Angeles, CA
Weather Forecast Office

Current Hazards Current Conditions Radar Forecasts Rivers and Lakes Climate and Past Weather Local Programs

Click a location below for detailed forecast.

City, ST
Enter Your City, ST or ZIP Code
Remember Me
Get Weather
Privacy Policy

Watches Warnings & Advisories
Small Craft Advisory

Last Map Update: Wed, Jan. 31, 2018 at 1:09:12 pm PST

Text Product Selector (Selected product opens in current window)
Latest Text Products Issued by LOX

Hazards Observations **Marine Weather** Fire Weather Aviation Weather Hydrology

Forecast Discussion Graphical Forecasts Fast Page Mobile Devices Recent Area Temperatures/Precipitation Past Weather Data

NATIONAL WEATHER SERVICE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOME FORECAST PAST WEATHER SAFETY INFORMATION EDUCATION NEWS SEARCH ABOUT

Local forecast by "City, ST or ZIP code"
Enter location: [Go]
Location Help

Weather.gov > Los Angeles, CA > Marine |

Current Hazards Current Conditions Radar Forecasts Rivers and Lakes Climate and Past Weather Local Programs

Forecasts Observations Weather Radio Tides Charts Presentations Other Links

Click on Area for Forecast

Zone 673
Outer Waters from Pt. Sel to Santa Cruz Island and Westward 60 nm including San Miguel and Santa Rosa Islands
(Click for forecast)

Legend
★ NDBC Buoy
★ Scripps Buoy
● Coastal Observation

Surf Forecasts (SRF):
• Southern California (LOX)
• Extreme Southern California (SGX)
• Beach Forecast Page

Full Coastal Waters Forecasts (CWF) out to 60 NM:
• Southern and Central California (LOX)
• Extreme Southern California (SGX)
• North Central California (MTR)

Launching Pad to all things marine

Web Page – Forecast Discussion

Highlights

- Weather Blog from Forecasters
- Insight into what went into the forecast
- Confidence and other possible outcomes
- Specific Marine section at bottom
- Updated 4 times a day



.SHORT TERM (TODAY-MON)...
RECORD HEAT STILL ON COURSE TO PEAK TODAY OVER MOST OF THE AREA...AS STRONG HIGH PRESSURE ALOFT COMBINES WITH MODERATE OFFSHORE PRESSURE GRADIENTS. THE GRADIENTS ARE RUNNING A LITTLE STRONGER THAN COMPUTER PROJECTIONS WERE EXPECTING...AND ARE NOT MUCH DIFFERENT THAN 24 HOURS AGO. THE OFFSHORE WINDS FROM YESTERDAY HOWEVER ARE NON-EXISTENT...WITH ONLY A HANDFUL OF SITES EXPERIENCING NOTICEABLE WINDS. TYPICALLY THIS TYPE OF SCENARIO RESULTS IN AN APPRECIABLE WARMING TREND...BUT A FEW BANDS OF THICK HIGH-LEVEL CLOUDS...AND LIKELY BUT WEAK SOUTHERLY FLOW IN THE AFTERNOON WOULD SUGGEST COOLER CONDITIONS. WITH ALL THAT IN MIND...A MOSTLY PERSISTENCE FORECAST FOR THE COAST AND VALLEYS IS A GOOD CALL...WITH HIGH TEMPERATURES VERY SIMILAR TO YESTERDAY. CONFIDENT THAT MOUNTAINS AND INTERIOR VALLEYS ON THE OTHER HAND WILL SEE A HEALTHY WARMING TREND NOW THAT THE COLD AIR PUSHING OFFSHORE FLOW HAS WEAKENED SIGNIFICANTLY. MADE A FEW SMALL ADJUSTMENTS TO TEMPERATURES FOR TODAY...PRIMARILY WARMING UP THE CENTRAL COAST AND SANTA YNEZ VALLEY FROM WHAT WE HAD GOING TO MAKE THEM CLOSER TO YESTERDAYS NUMBERS.

.LONG TERM (TUE-FRI)...
FOR THE EXTENDED...00Z MODELS DO NOT INDICATE ANYTHING TOO EXCITING FOR THE AREA. UPPER LEVEL PATTERN SHOWS A WEAK TROUGH MOVING ACROSS THE WEST COAST ON TUESDAY...THEN TAKING UP RESIDENCE SOMEWHERE OVER THE GREAT BASIN WEDNESDAY THROUGH FRIDAY. CLOSER TO THE GROUND...IT DOES LOOK LIKE ONSHORE FLOW WILL ESTABLISH THROUGH THE WEEK.

&&

.MARINE...13/900 AM...

SMALL CRAFT ADVISORY CONDITIONS ARE NOT EXPECTED SAT THROUGH TUESDAY. A SOUTH SWELL WITHIN 170-190 DEGREES RELATIVE TO VENTURA COUNTY WILL CONTINUE TO SUBSIDE WHILE A WEST-NORTHWEST SWELL BUILDS BUT REMAINS WELL BELOW 10 FEET TODAY THROUGH SUNDAY. OTHERWISE A MIXED LOCALLY GENERATED NORTHWEST SWELL AND SOUTH SWELL IS EXPECTED MONDAY THROUGH TUESDAY.

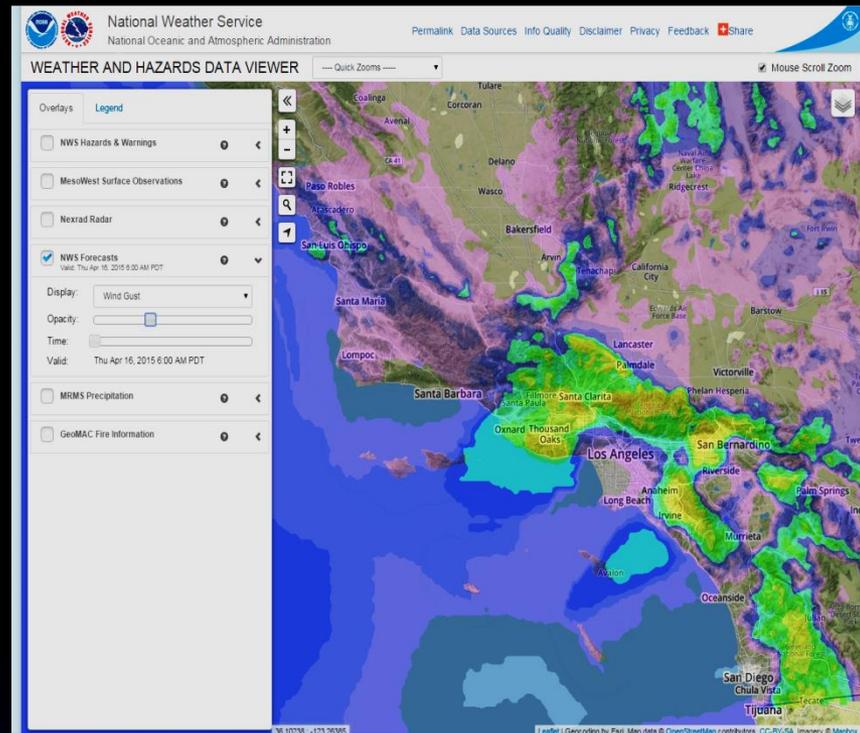
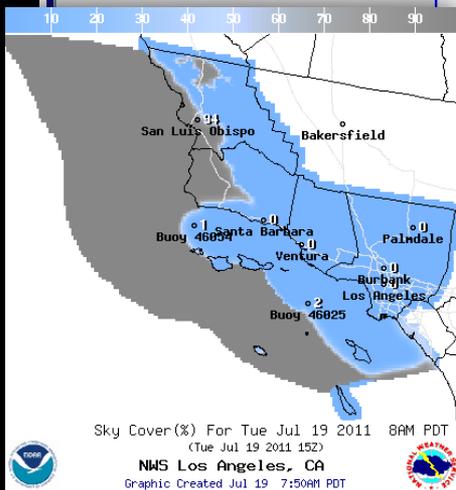
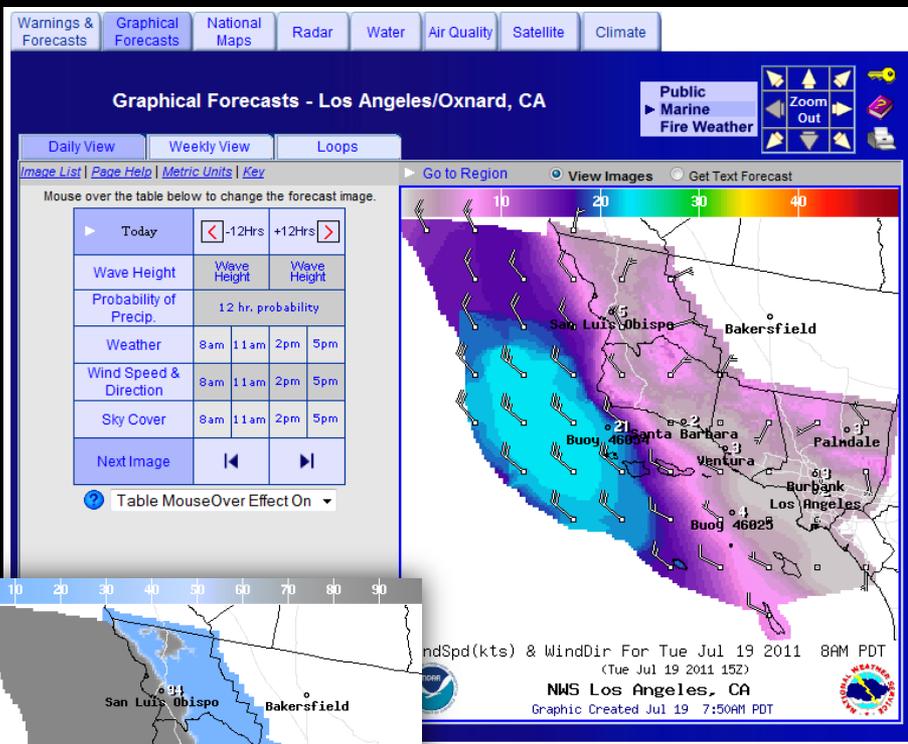
&&

.LOX WATCHES/WARNINGS/ADVISORIES...
NONE

Web Page – Graphical Forecasts

Highlights

- Visually see the forecast
- Many elements available
 - Wind, Waves, Sky, Weather



Web Page - Observations

Highlights

- Mouseover Map with observation popups
- Map “clickable” for observation history
- Links UCSD SCRIPPS displays

NATIONAL WEATHER SERVICE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOME FORECAST PAST WEATHER SAFETY INFORMATION EDUCATION NEWS SEARCH ABOUT

Local forecast by "City, ST" or ZIP code
Enter location: Go
[Location Help](#)

Weather.gov > Los Angeles, CA > Marine | Observations

Current Hazards Current Conditions Radar Forecasts Rivers and Lakes Climate and Past Weather Local Programs

Forecasts **Observations** Weather Radio Tides Charts Presentations Other Links

Mouse Over a Buoy for The Latest Observations

Cape San Martin Buoy 46028
Observation for Apr17 11:50am
Wind: MM 19G24kt
Wave: NNW 9.2ft at 10s
Air Temp: 52°F
Sea Temp: 51°F
(Click for more)

Buoy Data
National Data Buoy Center (NDBC):
• Individual Buoys:
- Select Buoy -
• Forecast Hourly Buoy Graphs
• California Buoy Collective
• Southern California Area
• Central California Area
• Northern California and Southern Oregon Area
• Worldwide Data
• Dial-A-Buoy
• Buoy Maintenance Schedule

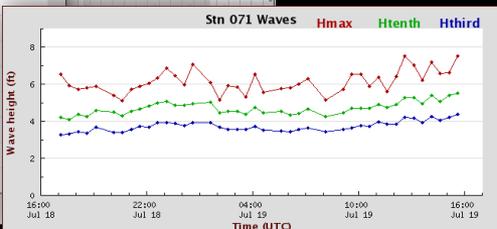
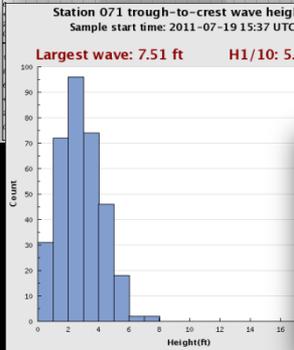
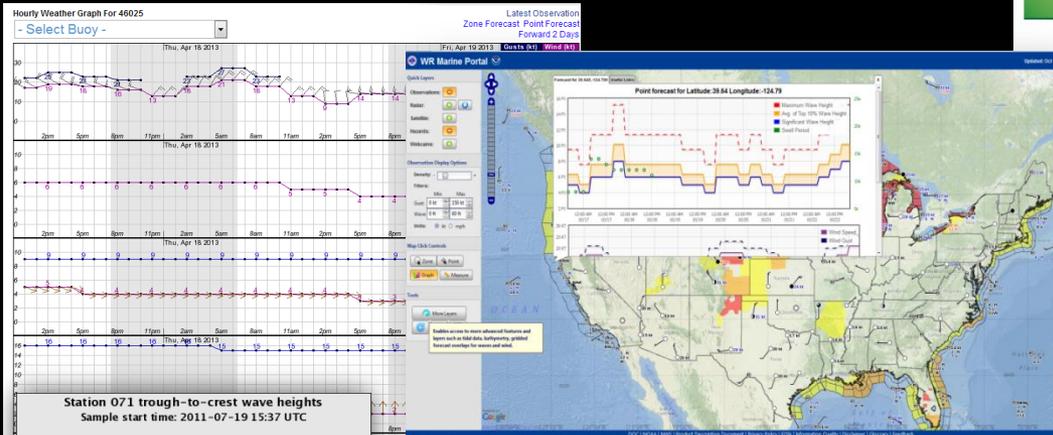
Scrapps Buoys (UCSD):
• Individual Buoys:
- Select Buoy -
• Buoy Wave Distribution:
- Select Buoy -
• 9-Band Plot

More Observations
• Audio Observations
• Experimental Marine Weather Portal NEW

Coastal Weather Reports (CGR):
• Central and Southern California (LOX)
• Extreme Southern California (SGX)

Sea Surface Temperature (SST):
• California Analysis (NOAA)
• North America Analysis (NOAA)
• California Observed (UCSB)
• Southern California Station Map
• Averages Table

More Observations:
• Ocean Currents
• Coastal Observation Collective



Web Page – Mobile

www.weather.gov/losangeles/mobile

We do not have an APP

...but you can make this page act like one

NATIONAL WEATHER SERVICE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Zip, City or Place

Home

NATIONAL WEATHER SERVICE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

01:44 pm PST
Buoy Collective

Sea Temp, Wind, Wave
Monterey (46042)
55°F, NNW08G10kt, WNW 8

Observations

Radar

Satellite

Forecast Discussion

Local Forecast

Marine Weather

Fire Weather

Aviation Weather

Hydrology

More Products

Mapped Forecasts

National NWS Mobile

Full NWS Website

Make This an App

Legal

Select an Audio Forecast Product Below

Observations

Coastal Observations (LAXCGRLA1)

Santa Maria (46011)
57°F, NNW14G16kt, WNW 7.1

Santa Maria (46011)
57°F, NNW14G18kt, WNW 8.6

Point Arguello CMAN (PTI MM, N12kt)

West SBA Channel (46058°F, NNW08G11kt)

Central California Land (LAXHWRNW4)

East SBA Channel (46059°F, WSW06G08kt)

Southern California Coastal (LAXHWRNW6)

Santa Monica Basin (46061°F, S04kt)

Santa Rosa Island (46058°F, WNW10G11kt, WNW 5)

San Clemente Basin (46063°F, W06kt, W 2.6ft 14)

Buoy Observations (LAXHWR5BA)

Aviation Weather

Hydrology

More Products

Mapped Forecasts

National NWS Mobile

Full NWS Website

Make This an App

Legal

Tanner Banks (46047)
61°F, 4.6ft 15s
Coastal Waters Forecast - Monterey (LAXCFMTR)

Monterey Canyon (4623)
OLD Dec 31 4:00pm

Diablo Canyon (46215)
58°F, W 6.2ft 12s
Coastal Waters Forecast - San Diego (LAXCFWSGX)

Harvest Platform (4621)
57°F, WNW 6.9ft 11s
Offshore Waters Forecast (LAXOFFSBM)

Goleta Point (46216)
OLD Dec 31 4:00pm

Santa Cruz Is (46249)
OLD Dec 31 4:00pm

Anacapa Passage (4621)
60°F, W 2.3ft 13s

Waters from Pt Piedras Blancas to Pt Sal (out 10 NM)

Santa Monica Bay (462)
61°F, SSW 2ft 15s
East Santa Barbara Channel (LAXPZ2850)

San Pedro Channel (462)
62°F, WSW 1.6ft 13s
Waters from Pt Mugu to Santa Mateo Pt (LAXPZ2855)

San Pedro South (4625)
60°F, S 1.6ft 15s

Dana Point (46223)
OLD Dec 31 4:00pm

Waters from Pt Piedras Blancas to Pt Arguello (out to 60N)

San Nicolas Island (462)
59°F, WNW 5.6ft 13s

Waters from Pt Arguello to Santa Cruz Is (out to 60N)

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Version 0:
FXUS66 KLOX 312143 AFDLOX Area Forecast
Weather Service Los Angeles/Oxnard CA
143 PM PST WED JAN 31 2018

SYNOPSIS: The high and offshore flow will next week for fair skies and above normal little daily changes.

SHORT TERM: (TDY-SAT) High pressure and will dominate the weather pattern. Just changes in temperatures expected, and breezes in the morning followed by light clouds at times, especially Thu/Fri, and of some patchy low clouds and fog Fri in County. Otherwise very quiet with temperatures above normal.

LONG TERM: (SUN-WED) Much warmer than continue right on through next week as the west coast just will not budge. Mild clouds at times but weak offshore flow the strong high pressure aloft to prevent minimize stratus development. Really no in this pattern at least through next week it's looking likely that the first 10 days be dry and quite possibly longer.

AVIATION: 31/1800Z. At 1700Z, there was inversion at KLAX. The top of the inversion with a temperature of 22 C. Good confidence across the forecast area through the point of confidence in VFR TAF with no wind issue confidence in VFR TAF with no wind issue.

MARINE: 31/200 PM. Good confidence in forecast. Winds and seas are expected to SCA levels. However, there will be local across the far western portions of the area as the area around Pt Conception this and again Thu night into Fri morning. That SCA conds will be prevalent enough across the northern two outer waters (0673) during these times.

NATIONAL WEATHER SERVICE
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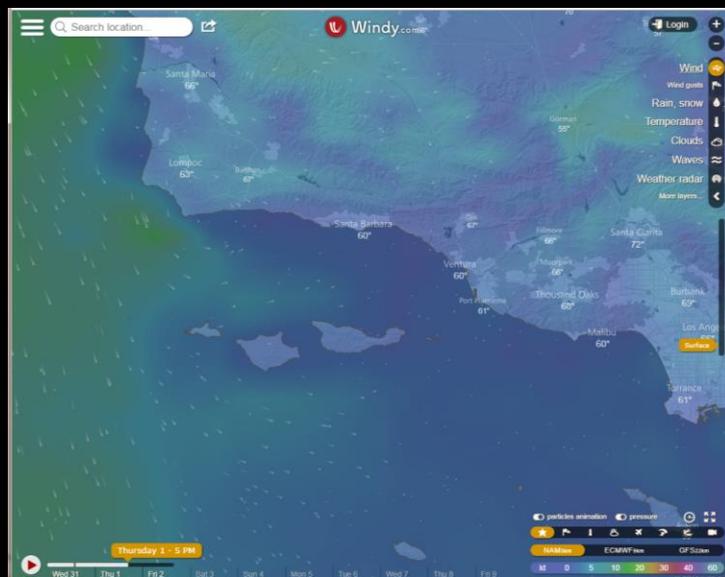
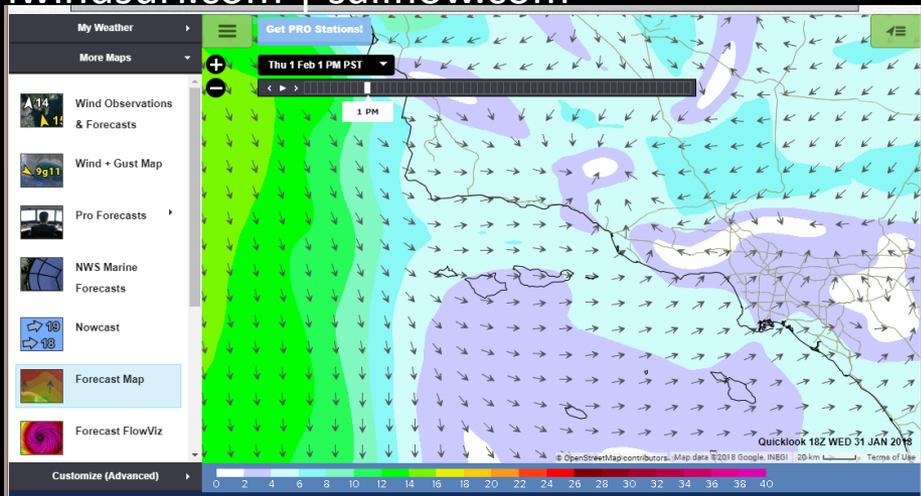
Loop

Infrared 4km

NOAA

What About Other Sites?

iwindsurf.com | sailflow.com



windy.com

All this for about \$5 a year



Thank You!

Questions?

National Weather Service

Los Angeles / Oxnard

Marine Weather Program

Ryan Kittell

www.weather.gov/losangeles

