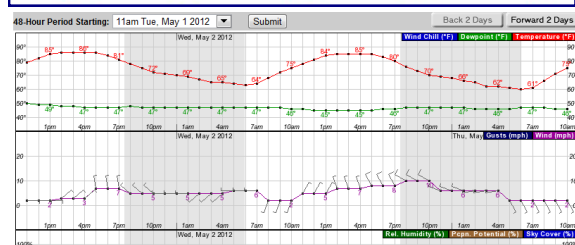


# National Digital Forecast Database Social Media, Decision Support Services

- Graphical forecast with mouse-over display
- Displays for daily and weekly, or loops
- Forecasts for point-and-click locations
- User defined area forecast
- Interactive daily planner, recreation, travel
- Forecast in text, tables, graphs or matrices
- GIS compatible (XML and KML)

## Forecast at a Glance



## Weather Story Graphics

### Much Cooler; rain possible Wednesday-Friday

**DETAILS**

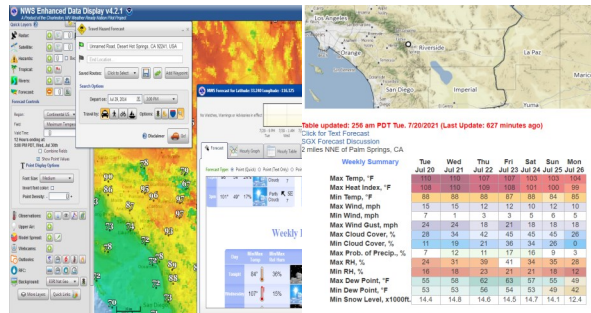
- Unseasonably cold weather system will drop south for mid to late this week
- Light rainfall possible for much of the area
- Strong winds in the mountains & deserts
- Get your rain gauge ready!

Likelihood of Precipitation for Wednesday Evening Through Friday Morning

- 25 - 84% Chance
- 15 - 24% Slight Chance

## GIS Compatible Data Available At:

- <https://preview.weather.gov/edd/>
- <https://www.weather.gov/forecastpoints>
- <https://digital.weather.gov/>



## Weather Alerts to Phone via FEMA

## Mobile NWS and Twitter!

- [Mobile.weather.gov](http://Mobile.weather.gov)
- [weather.gov](http://weather.gov)

- Forecasts
- Warnings, Discussions
- Observations
- Satellite and Radar Images



Join us on Face-

<https://www.facebook.com/NWSSanDiego>

Twitter @NWSSanDiego



<https://www.youtube.com/NWSSanDiego>

# NWS Mission

The National Weather Service provides weather, water, 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.

## Central Operations



## Outreach and Education

- <https://www.weather.gov/jetstream/>
- <https://climatekids.nasa.gov/>

- Presentations
- Hazard Expos
- Weather Booths at Shows



Visitors and office tours for groups of all ages  
Contact our office at:

11440 W. Bernardo Court, Suite 230  
San Diego, California 92127  
Phone: (858) 675-8700  
Fax: (858) 675-8712  
Alexander.Tardy@noaa.gov

# National Weather Service San Diego



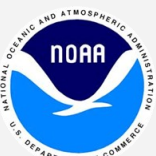
AMBASSADOR  
**WRN**  
WEATHER-READY NATION™



## weather.gov/sandiego



Department of  
Commerce, NOAA



# Products and Services



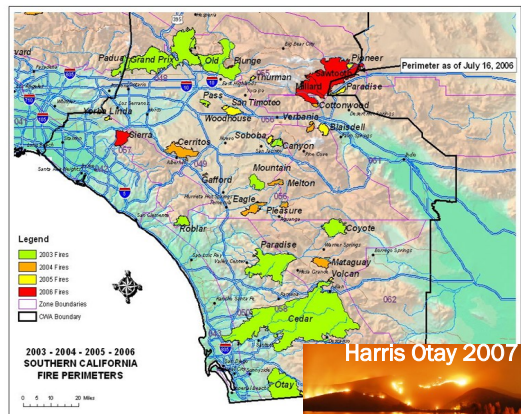
## Public and Transportation

- Seven (7) day forecast by geographic zone
- Area forecast discussion explaining the science and reasoning behind the forecast
- **Watches, Warnings, Advisories** (thunderstorms, tsunami, wind, flooding, snow, heat, fog) on weather.gov



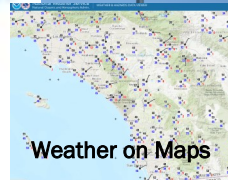
## Fire Weather

- 24-hour on-demand spot forecasts
- Collaboration with fire agencies
- Red Flag Warnings and Fire Weather Watches



## Weather & Climate

- Automated and manual observed weather reports (ASOS, COOP)
- Record reports
- Daily temperature and precipitation
- Historical data (NOWDATA)



National Center for Environmental Info:  
[www.ncdc.noaa.gov](http://www.ncdc.noaa.gov)

## Marine

- Coastal waters forecasts for wind, weather, and swell to 60 nm offshore
- Surf-zone and tsunami impacts, rip current prediction
- Advisories and warnings affecting the coastline and adjacent waters
- Access to buoy data, surf, SST, currents, and beach observations



## NOAA Weather Radio All Hazards

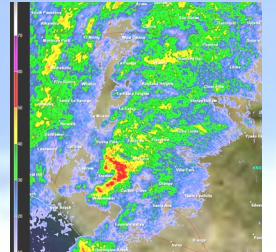
- Special alarm tone feature that alerts with important weather information
- Broadcasts include NWS warnings, forecasts, observations, and non-

## Important Definitions

- **WATCH:** there is the potential for hazardous conditions.
- **WARNING:** hazardous life, property or commerce threatening conditions are imminent or occurring.

## Doppler Radar

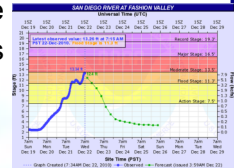
- Continuous monitoring for rain and snow
- Tools include rainfall estimates, precipitation type (dual-pol), hail size, wind speeds, storm tracking and severe signatures
- Critical tool for tracking severe weather and flash flooding



[radar.weather.gov](http://radar.weather.gov)

## Hydrology

- River forecasts and flash flood warnings in conjunction with the California-Nevada River Forecast Center (CNRFC) Quantitative precipitation forecasts



[water.weather.gov](http://water.weather.gov)

## Aviation

- Flight planning information, pilot reports, and significant/convective weather outlooks available at:  
<https://www.aviationweather.gov/>

SAN, CRQ, SNA, ONT, SBD, PSP, TRM

Terminal Forecasts (TAF) for Airports



- Aviation-focused weather discussions

