# CSWC Operational Period Summary
# 0600 June 3 2015 to 1800 June 3 2015

Harrison Fire, Riverside County - June 1, 2015.
Photo Credit: Cal Fire Riverside

Note: Report changes/updates are in blue

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# SITUATION SUMMARY

**Spill 15-3114, Train Derailment, UPRR, Long Beach, Los Angeles County**

On 06/03/15 at 1026 hours, the California State Warning Center was advised of a single car derailment in Long Beach, Los Angeles County. Per UPRR, Train #CTTX69042 had 1 Auto Rack derailed upright at MP 18.56. The train was being shoved and there were no injuries to the operator and no release of hazardous material. The CSWC conducted all appropriate notifications per SOP, including but not limited to local government agencies.

**Harrison, Vegetation Fire, Riverside County**

- Location: Ave 66 x Harrison, Thermal, Riverside County
- Jurisdiction: LRA
- Start Date/Time: 06/01/2015 at 1016 hours
- As of 06/03/15 at 0935 hours:
- 80 acres, 60% Contained
- Evacuations lifted
- No structures threatened
- No infrastructure threats at this time

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# SITUATION SUMMARY

## Refugio ICP Update – Cal OES Southern Region Duty Officer

**Refugio Unified Command to temporarily suspend night cleanups due to wildlife sensitivity**

- Cleanup operations of tar balls on beaches in Santa Barbara, Ventura, Los Angeles and Orange counties have the potential to impact beach and near-shore animals including California grunions. Grunion spawning on sandy beach habitat is expected to begin June 2 and continue through June 3. Cleanup operations will not occur at night when the grunion spawning runs occur. Grunion eggs on shore emerge during the high tides at night, and cleanup crews will be instructed to minimize disturbance to the sand as much as possible during the grunion run period.

**Aids/LifeCycle Bike Race – Santa Barbara and Ventura Counties 5/5 and 5/6/2015**

- The Aids/LifeCycle Bike Ride is slated to move through Santa Barbara and Ventura Counties along U.S. 101 southbound on Friday, June 5 and Saturday, June 6. Unified Command met with the organizers of the event to discuss the scheduled event. Four courses of action resulted from the meeting for consideration to UC and event command and executive staff. Refugio Incident external affairs is jointly developing a plan with event organizers to include riders' safety and at the same time minimizing any potential impacts on response operations. To that end, two members of the Community Relations section will visit the Aids/LifeCycle Bike Ride camp in Lompoc on Thursday, June 4, to inform the riders on exercising safety precautions in the response area(s). Additionally, this safety information will be included in the event newsletter which will be distributed to each rider on the morning of the event.

## Ventura County Spills – Cal OES Southern Region Duty Officer

- The Ventura County Operational Area Emergency Operations Center (EOC) activated at a Level I on 05/29/15 due to cleanup efforts of several Ventura County beaches (from San Buenaventura State Beach to Hollywood Beach) where tar balls have been reported ashore. Although it is unknown whether these tar balls are related to the Refugio Incident, a Ventura County representative will be present at the Incident Command Post (ICP) for Refugio and will team up on the ongoing sampling and testing of the tar balls to determine the origin and chemical makeup. The Cal OES Southern Duty Officer (SDO) will continue to monitor the incident.
- Per the Cal OES SDO, referencing the following Spill Reports: 15-3021, 15-3009, 15-3011, 15-3010, 15-2929, 15-2981, 15-2978:
    - Per the Ventura County OA EOC, the cleanup progress is slow and is expected to continue through the week. Cleanup efforts will continue today, June 3 in the area of Mandalay Beach and McGrath State Beach where crews will skim the shoreline for tar balls and search for injured wildlife. On Tuesday, June 2, the Refugio Incident ICP Government Affairs Officer attended the Ventura County Board of Supervisors' meeting focusing on the tar balls and oiling on the Ventura County beaches. There have been no further requests for assistance and no unmet needs.

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# SITUATION SUMMARY

**Los Angeles County Spills – Cal OES Southern Region Duty Officer**

- On 05/27/15 at 1241 hours, the California State Warning Center (CSWC) received a report indicating a tar-like substance was observed on Manhattan Beach, Los Angeles County. The Beach Incident Command Post (ICP) is located at 2600 Strand, Manhattan Beach, CA 90266. The beach area was closed and Public Health placed signage indicating the closure of the beach area.
    - Per the Cal OES Southern Duty Officer (SDO) 05/29/15 at 2036 hours :
    - Per the LA County OEM Duty Officer, the Los Angeles County Public Health Department has declared the beaches safe for public use therefore Unified Command reopened El Segundo, Manhattan, Hermosa and Redondo Beaches for public use at 1830 hours on 05/29/15. The investigation continues to determine the origin and chemical makeup of the tar balls based on sampling collected by USCG and California Department of Fish and Wildlife (CDFW).
- Referencing the following Spill Reports: 15-2943, 15-3014, 15-3028, 15-3030, 15-3058:
    - On June 03, the Los Angeles County Office of Emergency Management (OEM) duty officer reported that cleanup efforts continue in Redondo, Zuma and Manhattan Beaches. Unified Command will continue to have the South Bay beach shorelines patrolled and monitored and the Unites States Coast Guard (USCG). The laboratory analysis of sampling material to determine the origin and chemical makeup of the tar balls is still pending. There are no requests for State assistance and no unmet needs.

**Orange County Spills – Cal OES Southern Region Duty Officer**

- On 06/01/15 at 1523 hours, the California State Warning Center (CSWC) received a report of tarballs washing onto shore at Huntington Beach, Orange County.
- Referencing Spill Report 15-3072:
    - Per Orange County EMB:
    - No concerns or beach closures
    - Common locally occurring event
    - No request for assistance or no unmet needs

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# SITUATION SUMMARY

**SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County**

- On 05/19/15 at 1243 hours the California State Warning Center received a report from the Santa Barbara County Fire Department indicating that a ¼ mile sheen was observed off of Refugio State Beach, near Goleta, Santa Barbara County.
- On 05/19/15 at 1510 hours the NRC reported that Plains All American Pipeline advised that crude oil was discovered to be coming out of a transmission pipeline at a Culvert under Highway 1. Contractors responded to scene and the action line was shut in.
- The source of the spill was capped at approximately 1500 hours on 05/19/15, but a significant amount of oil reached the ocean at Goleta.
- Mission opened in Cal EOC: **2015-05-19 Santa Barbara Refugio Oil Spill Incident**.
- The CSWC conducted all appropriate notifications, including but not limited to local government agencies.

**Proclamations**

- Governor Brown Proclaims a State of Emergency in Santa Barbara County to Assist Oil Spill Response.
- http://gov.ca.gov/news.php?id=18967
- A Proclamation from Santa Barbara County has been received. The County is not requesting CDAA at this time.
- On 05/22/15 City of Goleta submitted a Proclamation of Local Emergency. The City is not requesting CDAA at this time.
- On 05/23/15 the University of California Santa Barbara submitted a Proclamation of Campus Emergency with no requests at this time.

**Activations**

On 05/27/15:

- The State Operations Center is activated at Level 1.
- The Southern Region Emergency Operations Center (REOC) is activated at Level 1.
- Santa Barbara EOC is activated at Level 3.
- The ICP, is now located at 461 S. Fairview Ave., in Goleta, and has an Operational Period of 48 hours.
- Ventura County OA EOC is activated at Level 1.

**Missions**

- 2015-SREOC-12905 - 05/30/15, Ventura County EOC requested four CMS boards, which were provided by Caltrans for seven days with the message: “BEACHES OPEN AVOID CONTACT WITH TAR/OIL VCEMERGENCY.COM” to be posted at the following locations:
    - La Conchita @ Santa Barbara Street – North Bound
    - Seacliff Off-Ramp / Pacific Coast Highway (Rincon Parkway) – South Bound
    - State Beaches Off-Ramp (101 NB North of Ventura) – North Bound
    - Las Posas Road @ HWY 1 – South Bound

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GOVERNOR'S OFFICE OF EMERGENCY SERVICES

# SITUATION SUMMARY

**SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County**

**Deployments**

- Unified Command
  - Federal on Scene Coordinator: US Coast Guard (USCG) & the Environmental Protection Agency (EPA).
  - State on Scene Coordinator: CA State Parks & CA Fish and Wildlife (CDFW).
  - Local on Scene Coordinator: Santa Barbara County Office of Emergency Management (OEM).
  - Tribal Coordination: Santa Ynez Chumash Tribe, Owl Clan Consultant representing the three Clans: Barbareno, Coastal and Southern Owl.
  - Responsible Party: Plains All American Pipeline LLC.
- Cal OES Deployments
  - Southern Deputy Regional Administrator
  - ESC from Cal OES Southern Region, Ports and Harbor Representative
  - ESC from Cal OES Southern Region, Agency Representative

**Responding Agencies**

**Federal**

- USCG, Pipeline and Hazardous Materials Safety Administration (PHMSA), EPA, US Fish and Wildlife, and NOAA.

**State**

- Cal OES, CA State Parks, Cal OSPR, CA Fish and Wildlife, Cal Volunteers, CA Department of Transportation, California Highway Patrol , University of California Santa Barbara and California Coastal Commission.

**Local**

- Santa Barbara County OEM, Ventura County Sheriff's OES, Santa Barbara County Fire Department, City of Santa Barbara, Santa Barbara County Sheriff , Gaviota Police Department, Santa Ynez Chumash Tribe, Owl Clan Consultant representing the three Clans: Barbareno, Coastal and Southern Owl.

**Beach and Campground Closures**

- Refugio Beach campground and El Capitan state beach will remain closed through 06/18/15 or until deemed safe and staged equipment is removed.

**Road Closures**

- Highway 101 – A single lane closure of the southbound 101 freeway west of Refugio Beach in Goleta will be implemented through Friday, 06/05/15 from 0900-1500 to accommodate heavy equipment in response to the cleanup efforts. However, the Aids/LifeCycle Bike Ride that is slated to move through Santa Barbara and Ventura Counties Friday, June 5 and Saturday, June 6 may hamper cleanup efforts.

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# SITUATION SUMMARY

**SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County**

**Tribal**

- The Santa Ynez Chumash Tribe is impacted and has sent a representative to the ICP.
- Santa Ynez tribal elders will visit the ICP on Wednesday, June 3.
- A Southern Owl Clan representative is monitoring the area to advise crews regarding cultural sites in the impacted zone of this event.
- Cal OES Tribal Advisor reached out to the three Non-Federally-recognized Clans (Barbareno, Coastal and Southern Owl). Tribal Reps are working directly with Unified Command to ensure that cultural sites are being protected.
- The Responsible Party contracted certified licensed archaeologists. Chumash Tribe representatives are paired with the archaeologists to monitor activities to meet the requirements of under Section 106 of the Historic Preservation Act.

**Access and Functional Needs**

- Cal OES has coordinated a sign-language interpreter to assist with the Press Briefings.

**Health and Medical**

- California Department of Fish and Wildlife closed affected fishing areas.
- Center for Toxicology & Environmental Health, LLC (CTEH) is conducting air monitoring. There have been no reports of inhalation concerns and no records of chemicals that could cause long term health effects. No reports of injuries from public or responders.

**Economic Impacts**

- The Cal OES Southern Region and Individual Assistance Branch staff are coordinating the collection of data related to the economic impacts to locals businesses due to the oil spill. Cal OES has forwarded the Estimated Economic Injury Worksheet for Businesses to Santa Barbara County OEM staff to assist with this effort and determine if businesses within the County qualify for Economic Injury Disaster Loans (EIDLs).

**Third-Party Claims**

- A Third-Party Claims telephone number has been established for businesses and others to report economic losses or costs due to the oil spill. Claim Phone Number: 866-753-6391.

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# SITUATION SUMMARY

**SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County**

**Pipeline Information**

- Per Cal OES Southern Region Emergency Operations Center 1700 hours Situation Report:
  - Per PHMSA, a Corrective Action Plan was submitted on 05/21/15. This required the Responsible Party to remove all oil from the pipeline within 10 days.
  - 550-600 barrels of product was removed from the pipeline which is equivalent to approximately 23,100-25,200 gallons.
  - The investigation of the pipeline will be ongoing for approximately four (4) months
  - Air quality monitoring is ongoing in the incident area. The Center for Toxicology and Environmental Health (CTEH) is conducting the air monitoring on behalf of the Responsible Party.
  - The exact amount of oil release is unknown but is estimated between 31,000 gallons to 101,000 gallons as a worst case scenario; originally estimated at 105,000. An estimated 600 barrels of product has been pumped from the pipeline in total to date.
  - The Federal On Scene Coordinator (FOSC) and the US EPA On Scene Coordinator (OSC) issued and cosigned an administrative order to the responsible party for the removal, mitigation, or prevention of a substantial threat of oil discharge to the responsible party.
  - Unified Command approved the plan to remove section of the ruptured pipe on 05/25/15. Work on the pipe has started and they have removed soil above the suspected breaking point.
  - The damaged pipeline section has been removed. Crews are in the process of assembling and assessing the new section of pipe.
  - A new section of pipeline was welded into place where the old section was removed.
  - Work on the new section of pipeline continued on June 01 as weld X-ray, weld sand blast and coating was completed. On June 2, the new section of the pipeline passed X-ray testing of the weld.

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# SITUATION SUMMARY

**SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County**

**Environmental Impacts**

- The area is prone to natural oil seepage. Experts from NOAA conduct daily overflights to identify areas with sheen in the water. Samples are collected in these areas via skimmers to determine if the oil is of natural origin or in the environment as a result of the oil spill. In this area, a baseline of about 80-100 barrels (4,000 gallons) is produced naturally daily.

- Fishery Closure area expanded and now extends from Canada de Alegeria at the western edge to Coal Oil Point at the eastern edge and out to 6 miles seaward.
- California Department of Fish and Wildlife submitted a declaration of Fishery Closure on 05/21/15 due to a public health threat caused by the oil spill. OSPR has ordered a ban on fishing and the taking of shell fish in the spill area.

- The following locations are identified as sensitive sites in the Area Contingency Plan (ACP). These locations were evaluated and have undergone the following actions:
    - Gaviota Creek (Completed)
        - 400 feet of primary and secondary boom
    - Canada Del Alcatraz & Cementario Creeks (Completed)
        - Pre-impact debris removal
    - Arroyo Hondo Preserve and Creek (Completed)
        - 100 feet of swamp boom, 100 feet of absorbent boom
    - Refugio Creek, Spill Site (Boomed)
        - 400 feet of hard boom, 400 feet of absorbent boom
    - Corral-Las Flores Creeks (Completed)
        - Pre-impact debris removal
    - El Capitan Creek (Completed)
        - 40 feet of swamp boom, 40 feet or sorbent boom
    - Las Llagas (Completed)
        - 200 feet of sorbent boom, 200 feet of hard boom
    - Naples (Completed)
        - Pre-impact debris removal
    - Eagle Canyon Creek (Completed)
        - Pre-impact debris removal
        - 100 feet of sorbent boom, 100 feet of hard boom

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# SITUATION SUMMARY

**SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County**

**Environmental Impacts (Cont.)**

- Tecolote Creek (Completed)
  - High natural berm confirmed
  - 400 feet of hard boom, 400 feet of sorbent boom
- Bell Canyon Creek (Completed)
  - High natural berm confirmed
  - 400 feet of hard boom, 400 feet of sorbent boom, additional boom was needed
- Devereaux Slough
  - Boom was not deployed due to Plovers
  - High natural berm confirmed
- Tajiguas Creek (Completed)
  - 200 feet of hard boom, 200 feet of sorbent boom
- Golete Slough
  - 2,000 feet of hard boom, 2,000 feet of sorbent boom
- Arroyo Burro Creek (Completed)
  - 500 feet of hard boom
- San Buenaventura State Beach (Monitoring)
  - No cleanup action to be taken until cleared by EUL
- McGrath State Beach & McGrath Lake (Monitoring)
  - No cleanup action to be taken until cleared by EUL
- Hollywood Beach/Oxnard Beach (Monitoring)
  - No cleanup action to be taken until cleared by EUL

**Wildlife**

- The Oiled Wildlife Care Network (OCWN) continues to conduct wildlife monitoring and recovery efforts.
- As of June 02 at 2000 hours, CDFW reported recovery of 1 live bird (cumulative 58), 7 dead birds (cumulative 87) with a cumulative total of 145; and 1 live mammal (cumulative 40), 8 dead mammals (cumulative 53) with a cumulative total of 93.

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# SITUATION SUMMARY

**SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County**

**Response and Clean Up Efforts**

- Per Cal OES Southern Region Emergency Operations Center 1700 hours Situation Report:
- An investigation of the shoreline has revealed approximately 51.70 miles of shoreline impacted by the oil spill. Total shoreline area impacted by the oil spill is approximately 40.30 miles. Impacts to the shoreline have been identified as follows:
    - A majority of the onshore oil impacts exist on beaches between Arroyo Hondo to the west and Point Mugu to the east.
    - As of June 02 at 2000 hours, offshore skimming operations resulted in 168 gallons of oily water mixture being collected, making the cumulative total of 12,167 gallons since the initial notification.
    - Four Shoreline Clean-up Assessment Teams (SCATs) have been surveying shoreline to assess extent of impact. Most areas are under 30% coverage.
    - Tar ball sightings have been observed on Ventura, Los Angeles, and Orange County beaches.
    - Oiled rock is being cleaned by scraping and ensuring that kelp or barnacles are not removed.
    - As of June 02 at 2000 hours, the following has been collected onshore:
        - 0 cubic yards of oiled sand (cumulative total 600)
        - 75 cubic yards of oiled vegetation (cumulative total 600)
        - 0 cubic yards of oiled debris/PPE (cumulative total 210)
        - 0 cubic yards of oiled soil (cumulative total 3,840)
        - 15 cubic yards of absorbent (cumulative total 105 cubic yards).
    - The majority of oiling is located in beaches, cobble, riprap, and on rock faces between Arroyo Hondo and El Capitan Beach. Light oiling has been discovered in Arroyo Burro to the east and 2 miles west of Arroyo Hondo in the west. These areas have been targeted for light mechanical and manual removal as needed. OSPR has approved the use of SaveSorb Peat Sorbent to assist with rock cleaning.
    - The Unified Command has an oiled waste plan in place for the removal and proper disposal of the sand, soil, vegetation and other debris from the cleanup area.
    - On June 02 as of 2000 hours, approximately 70.56 miles of shoreline was assessed, and of that:
        - 3.58 miles was heavily impacted
        - 19.69 miles was moderately impacted
        - 24.55 miles was lightly impacted
        - 4.91 miles was very lightly impacted
        - 11.04 miles was reported with tar balls
        - 3.70 miles was identified with no impact.
        - To date, the total miles of impacted shoreline are, 58.86 miles.

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# SITUATION SUMMARY

**SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County**

**Response and Clean Up Efforts (Cont.)**

- A temporary flight restriction has been imposed within a 5-mile radius of Refugio Beach. As of June 01, the restriction encompasses a five-mile radius around the park with a 1,000-foot ceiling is now through June 06.
- NOAA Trajectory Analysis estimates show an area of scattered light oil off the coast starting from Heritage to Holly located north of Santa Barbara.
- Clean up efforts continue on a 24 hour schedule.
- Cal OES deployed staff were asked by Unified Command to obtain points of contact for CHP and CalTRANS for the AIDS Life Cycle Event and invite them to a meeting scheduled for 1700 hours on Monday, June 1, 2015 to discuss the logistics of the event as it is planned to occur on Friday, 06/05/15along the 101 freeway where current Incident work activities are ongoing. Cal OES staff have been asked to participate in the meeting to be available to assist with ongoing coordination efforts.
- The ICP is overseeing operations from Gaviota in Santa Barbara County to Point Mugu in Ventura County.
- Dive operations were conducted off Refugio State Beach, no recoverable oil was observed therefore the underwater survey team will be demobilized.

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# SITUATION SUMMARY

**SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County**

**Resources**

- Per Cal OES Southern Region Emergency Operations Center 1700 hours Situation Report:
- As of 0700 hours on June 2 there are a total of 1,202 personnel currently responding to the incident. There are 129 personnel in the ICP and 1,320 in field operations.
- Staging areas for the incident are located at Refugio State Beach, El Capitan East, and El Capitan West.
- There are currently 13 vessels and 1 barge being utilized to perform boom, skimming operations, and decontamination offshore. Vessels not currently in use are being staged in the Ventura Harbor.
- Approximately 2,540 feet of hard boom and 2,040 feet of absorbent boom (totaling 4,580) have been deployed to protect the ACP sites. About 6,000 feet of boom has been deployed by the on water recovery group. A total of 10,580 feet of boom is assigned to the incident.
- There are 2 contracted aircraft (helos) deployed to this incident.

**Public Information**

- Joint Info Center (JIC) has been established.
    - JIC WEBSITE: http://www.refugioresponse.com
    - Future media inquiries regarding Refugio State Beach oil spill should call: **805-770-3682.**
- A Third-Party Claims telephone number has been established for businesses and others to report economic losses or costs due to the oil spill: 1-866-753-3619.
- A Press Conference is tentatively scheduled for 1500 hours on 06/02/15.
- A Community Open House was held on Saturday, May 30 at the Elks Lodge in Santa Barbara. Over 180 community members attended the event as well as media. Over 65 questions and comments were placed in comments box and all of them were answered by technical experts.
- The Community Relations Unit is drafting a proposal for a roundtable discussion with key stakeholders of the Santa Barbara business community to include the Chamber of Commerce.
- Senator Feinstein's staffer, Molly O'Brien visited the ICP on June 2.
- Santa Ynez tribal elders will visit the ICP on Wednesday June 3.
- State Attorney General, Kamala Harris is expected to visit the ICP on Thursday, June 4.
- Congresswoman Capps is expected to visit the ICP and conduct a site visit or overflight on Friday, June 5.
- Paula Perotte, Mayor of the City of Goleta, and Janet Wolf, Second District Supervisor and Chair of the Santa Barbara County Board of Supervisors. – Surveillance Flight on Friday, June 5.

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# SITUATION SUMMARY

**SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County**

**Volunteers**

- California Volunteers is leading the efforts to coordinate spontaneous volunteer activities related to the Refugio Incident. Volunteer activities are currently on hold. Cal Volunteers will continue to monitor the situation and identify any additional opportunities for volunteer beach cleanup events.
- The public can assist by visiting this website https://calspillwatch.dfg.ca.gov/Spill-Archive/Refugio-Incident/Volunteer or by reporting oiled wildlife by calling 877-UCD-OWCN (not a volunteer line).

# SITUATION SUMMARY

**Cal EOC Incident – 2014 Drought**

- SOC / Inland REOC remains activated in support of 2014 Drought

**Weather of Concern**

- There are no significant Watches or Warnings in effect at this time

**Active Weather Warnings, Watches and Advisories by County:** http://www.wrh.noaa.gov/sto/brief/wwa_bc_cal.php

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# Key Points

06/04 – 06/10

## Thursday-Friday

- Gusty onshore winds through Friday. Blowing dust and sand possible in the deserts.
- Isolated to scattered thunderstorms on Friday in particular over the higher terrain.

## Saturday-Sunday

- Thunderstorms possible statewide over the weekend. Greatest chance of thunderstorms confined to higher terrain of the state. While severe storms are not likely, there is the chance of brief heavy downpours, lightning, small hail, and gusty winds.

## Monday-Wednesday

- Contained thunderstorms over the mountains (e.g. Sierras)

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# California OES Impact Threat Matrix

## Jun 04, 2015 – Jun 10, 2015

| DAY/THREAT | THU | FRI | SAT | SUN | MON | TUE | WED |
|---|---|---|---|---|---|---|---|
| Fire Weather | | | | | | | |
| Winds | So Cal and Deserts | So Cal and Deserts | | | | | |
| Heavy Rain/ Flash Flooding | | | | | | | |
| River Flooding | | | | | | | |
| Severe Weather | | | | | | | |
| Heat | | | | | | | |
| Tropical | | | | | | | |

- High Threat
- Moderate Threat
- Slight Threat
- No Discernible Threat

# Day 1 Weather Hazards

## Valid: 0800 Thu – 0800 Fri

- *Gusty onshore winds*
  - *Blowing dust and sand possible in the deserts*
  - *Possible impacts to high profile vehicles*

High Threat
Moderate Threat
Slight Threat

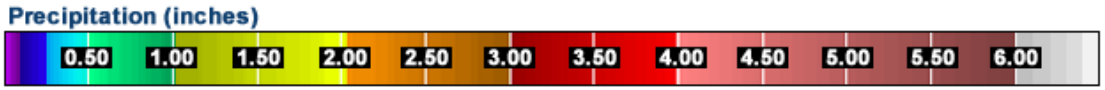
# Day 2-4 Weather Hazards

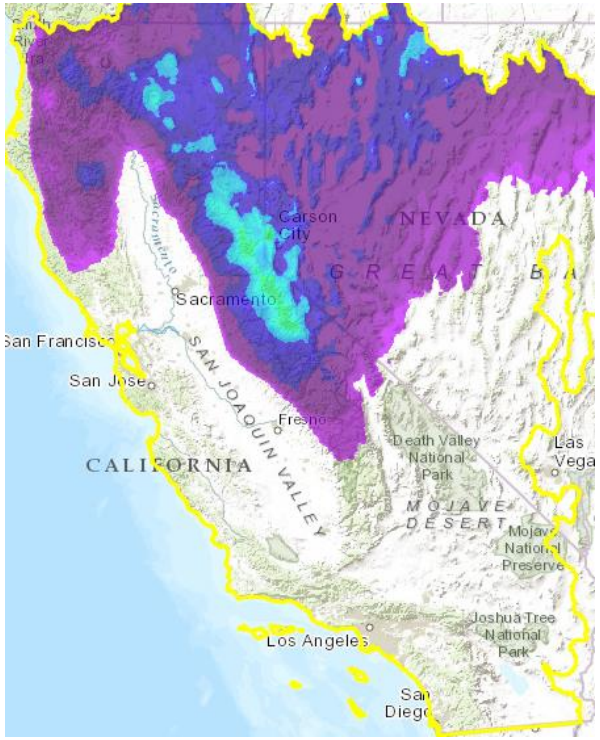
## Valid: 0800 Fri – 0800 Mon

- *Scattered thunderstorms Friday through Sunday*
  - *Potential for thunderstorms statewide, but best chance will be over higher terrain*
- *Gusty onshore winds on Friday*
  - *Blowing dust and sand possible in deserts*

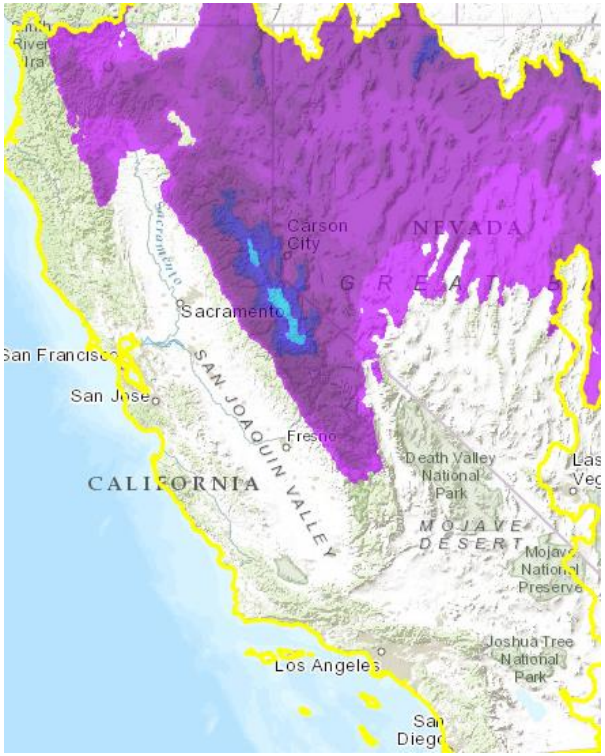
High Threat
Moderate Threat
Slight Threat

# Days 1-3 Precipitation Forecast

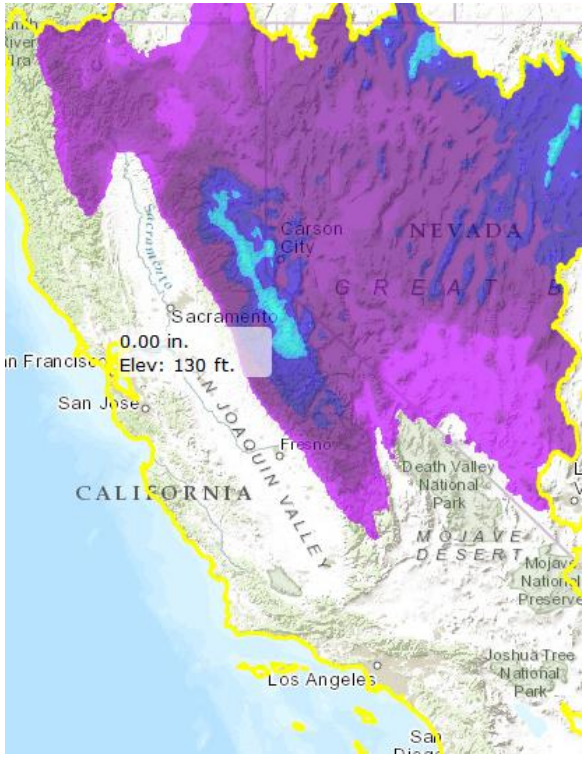



Thursday




Friday




Saturday

# WEATHER

## WEATHER SYNOPSIS BY REGION:

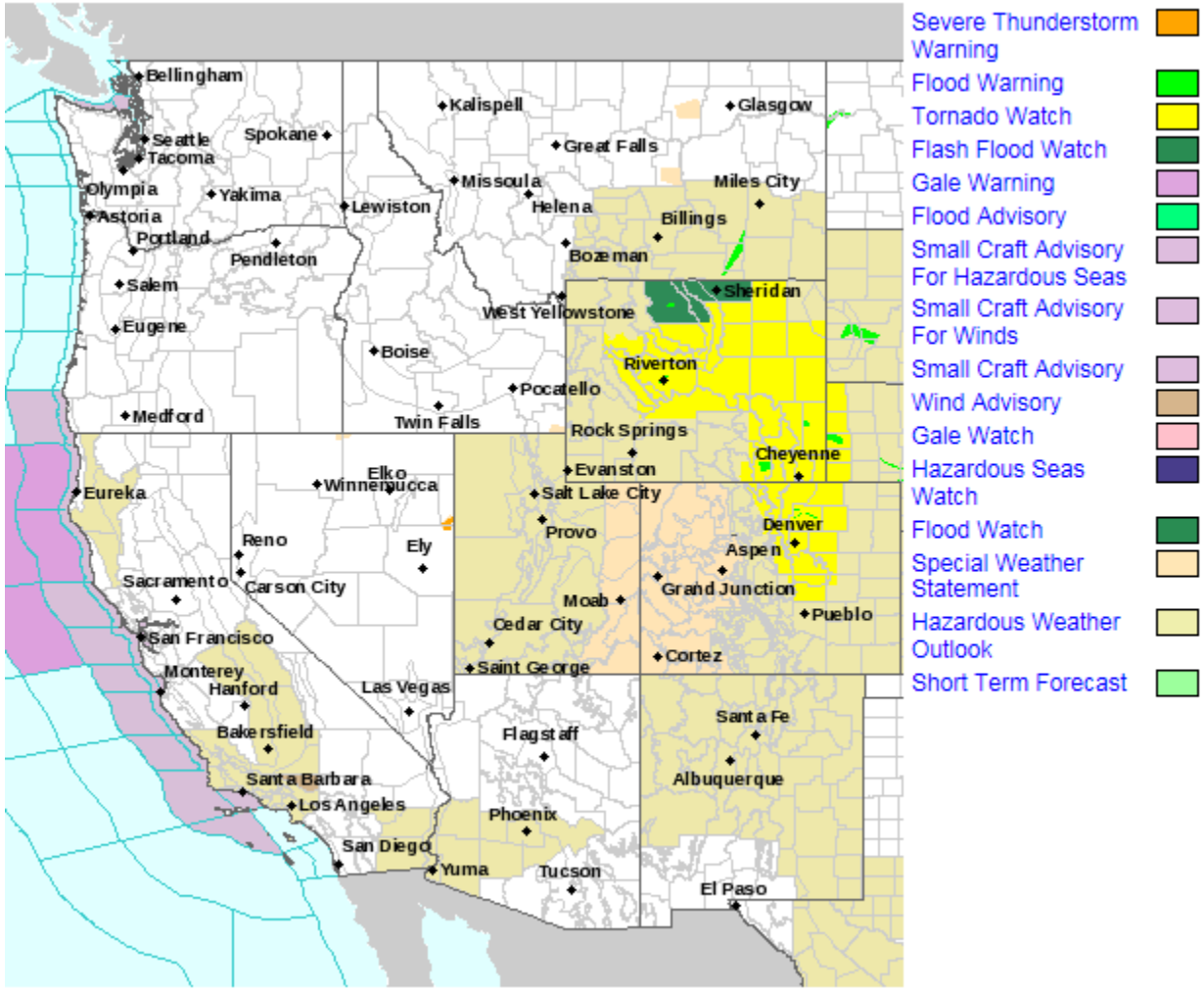
**Northern Region**

Low pressure through will be approaching the coast today and move ashore this evening. The low will linger over California for several more days as it moves slowly south along the coast into Southern California. Our weather will be quite unsettled as this pattern change will bring more unstable conditions to Northern California. For the next few days, showers and isolated afternoon and evening wet thunderstorms are expected, mainly over the mountains. They may linger overnight as well. Today most of that action will be in the northern areas, but Thursday all the northern and eastern mountains in particular should have those showers and thunderstorms. The low will finally move out to the northeast over the weekend with higher pressure moving into place to the north. This is going to bring warmer and drier conditions to Northern California overall. Moderate north winds seem likely to develop and bring temperatures to somewhat above seasonal norms over the weekend. However, in spite of the higher pressure, there will still be a slight chance of daily afternoon or evening isolated mountain thunderstorms. The details of how much precipitation, timing and location of events will depend heavily on the actual path the low takes. It is also likely that moisture from 2 tropical systems off Mexico (now Tropical Storm Andres and now Hurricane Blanca) will flow into California. How much of that moisture will arrive is still somewhat uncertain.

**Southern Region**

Persistent northerly flow will carve out a trough off the coast later this week, which will result in even cooler temperatures with more marine layer coverage. A weak low pressure developing over the central part of the state may lead to isolated showers and thunderstorms in the Sierras by Thursday afternoon. Thunderstorms will become a bit more widespread over the Sierras, possibly spilling into the Inyo National Forest by the weekend. Temperatures will remain 5-8 degrees below normal along the coast and some inland valleys through Saturday with highs in the 60s along the coast to the upper 70s across the inland valleys. The coolest day will likely be Friday when skies will be slow to clear along the coast and valleys and some pockets of drizzle will reach the lower coastal slopes. The low deserts will still see highs in the 100-105 range the next several days. West winds of 15-25 mph with gusts to 40 mph will occur each afternoon through Saturday in and near the deserts. Minimum relative humidity will remain above 20% over most areas outside the deserts. Next week, high pressure building over the area will lead to warmer temperatures with less marine layer coverage. Temperatures will be in the upper 80s in the valleys by Sunday and Monday. During the next few days, Hurricane Blanca is expected to strengthen to major hurricane status and head northward through Baja California. Some moisture from this system may reach the deserts early next week while the rest of the area experiences a noticeable increase in relative humidity.

# STATE WEATHER MAP

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# FIRE ACTIVITY

**Preparedness Levels**

**National Preparedness Level 1**

**Northern California**
Preparedness Level **2,** Multi-Agency Coordination System MACS Mode **1**

**Southern California**
Preparedness Level **2,** Multi-Agency Coordination System MACS Mode **2**

**California Fire Potential & Weather Maps**

**Southern California 7 Day Significant Fire Potential**
http://psgeodata.fs.fed.us/7day/action/forecast/8

**Northern California 7 Day Significant Fire Potential**
http://psgeodata.fs.fed.us/7day/action/forecast/10

**California Fire Weather Map Watches and Warnings**
http://www.wrh.noaa.gov/firewx/main.php

**NWS California River Forecast Center:**
http://www.cnrfc.noaa.gov/

# CAL OES 2014 DROUGHT

**Cal EOC Incident – 2014 Drought**

- The SOC, Inland, Coastal, and Southern REOCs and the Santa Barbara County EOC are activated in support of the Drought State of Emergency and continue to monitor the situation.
- The Governor issued Executive Order B-26-14 on 09/19/14, to streamline relief efforts for families with drinking water shortages due to drought, specifically through the California Disaster Assistance Act, to provide temporary water supplies to households without water for drinking and/or sanitation purposes.
- The Governor issued Executive Order B-29-15 on 04/01/15 which announced actions that will save water, increase enforcement to prevent wasteful water use, streamline the state's drought response and invest in new technologies to make California more drought resilient.
- CDAA 2014 Drought Fact Sheet and Frequently Asked Questions provided to Regions for reference and distribution.
- Cal OES Recovery continues to coordinate the Community Impacts Workgroup conference calls. Currently, the calls take place on alternating Wednesdays.
- Cal OES Regional (Inland, Coastal, Southern) conference calls continue to occur on a weekly basis.

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# CAL OES 2014 DROUGHT

## Cal EOC Incident – 2014 Drought

**Local Emergency Proclamations:**

**A total of 57 local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:**

- 25 Counties: El Dorado, Fresno, Glenn, Inyo, Humboldt, Kern, Kings, Lake, Madera, Mariposa, Merced, Modoc, Plumas, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Sonoma, Sutter, Trinity, Tulare, Tuolumne, and Yuba.

- 11 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Montague (Siskiyou County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of San Juan Bautista (San Benito County), City of Santa Barbara (Santa Barbara County), and City of West Sacramento (Yolo County), City of Willits (Mendocino County), City of Manteca (San Joaquin County), City of Porterville (Tulare County).

- 9 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tule River Indian Tribe (Tulare County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).

- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).

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**Mission:**
We protect lives and property, build capabilities, and support our communities for a resilient California.

*We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.*