Cal-OES Situation Report

2/23/2017 1000 hours

**2017 February Winter Storms**

**CAL OES COASTAL REGION**

Flooding

Santa Clara County:

* The Coyote Creek began to overtop its banks in multiple locations beginning at 1000 hours on 2/21/17. The City and Santa Clara Valley Water District had been actively monitoring the creek since Sunday with the incoming storm system but weather and flow predictions did not indicate the Coyote Creek would exceed capacity. The City received information from the Water District that the creek had 7,400 CFS moving capacity, however the overtopping started occurring in multiple areas upon reaching 5,000 CFS, and the flooding was unexpected and prevented the City from issuing warnings to the residents in the area.
* The Cal OES Law Enforcement Emergency Operations Center advised that the mandatory evacuations that were in place have been reduced

River Forecast - The following rivers are forecast to meet or exceed Flood stage:

Lake County:

* Clear Lake at Lakeport is forecast to crest above flood stage at 10.6 feet the morning of 02/23/17.
	+ Potential Impacts: Low lying structures and some main roads around the lake are threatened by the high lake levels.

River Forecast - The following rivers are forecast to meet or exceed Monitor Stage:

* Solano County: Sacramento River at Rio Vista
* Santa Clara County: Coyote Creek at Edenvale
* Monterey County: Salinas River at Bradley

Please see link for River Forecast Guidance - http://www.cnrfc.noaa.gov/

**CAL OES INLAND REGION**

* Cal OES Inland Region are monitoring the Operational Areas (OA’s) who are dealing with high water levels and other impacts from the current February 2017 storms.

Don Pedro Reservoir, Tuolumne County:

* Turlock Irrigation District has implemented the Don Pedro Reservoir EAP for high flow conditions. TID continues to release 16,000 cfs from New Don Pedro Reservoir and will adjust if conditions warrant.
* The upper Tuolumne River combines with Dry Creek flows prior to reaching central Modesto. Flooding is not expected to impact the Modesto Waste Water Treatment Plant.
* Staff is conducting daily conference calls with reservoir operators to optimize reservoir coordination and minimize peak flood flows.
* Bond Flat Road is now closed. Due to substantial changes in weather, the Turlock Irrigation District closed Bonds Flat Rd between La Grange Rd and Highway 132.
* Electricity will be shut off at the rate of 8 hours ahead of the water coming down the Tuolumne River.
* Two Swift Water rescue teams have been deployed to Stanislaus County
* Merced OA, Stanislaus OA, and Tuolumne OA are working together and establishing mutual aid if needed and coordinating a JIC

Levee Breach
San Joaquin County

* On 02/20/17 at 1945 hours, the California State Warning Center (CSWC) received notification from the National Weather Service advising a levee break occurred on the right bank of the San Joaquin River on Road 2075, southwest of Manteca, San Joaquin County.
* Per the Law Duty Officer (LDO), evacuations were in place for 521 homes, 1,421 people.
* Incident occurred south of Highway 120 and West of Manteca Road about 2 miles west of Airport Way and Perrin Road.
* Breach is approximately 5-10 feet wide. DWR’s Incident Team 5 responded and provided flood fight efforts.
* As of 2100 hours 2/20/17, the levee breach was plugged with rock and soil.
* DWR’s Incident Team 5 is on scene and worked through Department of Energy’s (DOE) contract for construction to flood fight the breach.
* The breach has been closed and rock protection was placed on the waterside to stabilize the berm.
* Two new sites with erosions were discovered by DWR estimated to be approximately 500 feet long (Road 2058 and Road 2075). RD 2058 is the most critical one. DWR has informed the county which they will be contacting the levee maintain agencies. Currently, the county has not requested anything from state so far.

Colusa County Levee Breach

Levee breach at the 2047 at Lurline. No evacuations at this time.

* Levee breach assessment was completed by DWR and it was determined that the muscle wall is not the best method. The County is working with their Public Works Department and will be placing trench plates (8 x 12) inside the water side of concrete culvert on Highway 20 which is approximately 45 feet wide.
* After the trenches are placed, they will place sandbags in front of them. This should eliminate the backflow areas on Highway 20. If this doesn’t work, the trigger point will be when the water gets close to one foot in the elevated old railroad bed

Cal OES Inland Region Shelters
Butte County

* Animal shelters will be activated at 0900 on 02/20/17 as follows:
	+ Small animals - 2279 Del Oro, Oroville
	+ Large animals - Camelot Equestrian Park, 1985 Clark Rd.

Nevada County

* Nevada City – First Baptist Church, 1866 Ridge Road (Stand By)

Stanislaus County

* Stanislaus County Fairgrounds, 900 N. Broadway Avenue, Turlock Count: 11

Tehama County (American Red Cross)

* Los Molinos High School, 7900 Sherwood Blvd., Los Molinos Count: 8

River Forecast – The following rivers are forecast to meet or exceed Danger Stage:

* San Joaquin County
* San Joaquin River at Vernalis is currently above danger stage forecast to crest at 31.0 feet the afternoon of 02/23/17.
* Potential Impacts: Severe seepage occurs outside the levees. The area covered by seepage will increase as the river stage rises.

River Forecast - The following rivers are forecast to meet or exceed Flood Stage:
Tehama County:

* Sacramento River at Red Bluff is forecast to be above flood stage at 253.1 feet the morning of 02/23/17.
* Potential Impacts: The river starts to flow eastward into Sand Slough on the left bank upstream of the gage.
* Sacramento River at Tehama Bridge is forecast to be above flood stage at 215.9 feet the afternoon of 02/23/17.
* Potential Impacts: Between 213.0 and 214.0 Feet the county park becomes inaccessible. Lower trailer park slots (temporary slots) start to flood.
* Sacramento River at Vina Woodson Bridge is forecast to be above flood stage at 183.0 feet the evening of 02/23/17.
* Potential Impacts: Woodson Bridge Park is closed due to flooding. Water is up to the top steps of the recreation center at Driftwood RV
* Fishing Resort on the east bank of the river.

Glenn County:

* Sacramento River at Ord Ferry is forecast to be above flood stage at 114.9 feet the afternoon of 02/24/17.
* Potential Impacts: Designated flood stage. Design overflow level for M&T, 3BS and Goose Lake Flood Control facilities to divert flood flows into Butte Basin. M&T overflows closing River Road from Ord Ferry Road to Chico River Road. Ord Ferry Road is already closed.

Yolo County:

* Yolo Byass at Lisbon is forecast to be above flood stage at 22.7 feet the morning of 02/23/17.
* Potential Impacts: Kearney Ranch House floods.

Stanislaus County:

* Tuolumne River at Modesto is forecast to be above flood stage at 59.0 feet the morning of 02/23/17.
* Potential Impacts: This is channel capacity through downtown Modesto.

Merced County:

* Merced River at Stevinson is forecast to be above flood stage at 71.2 feet the morning of 02/24/17.
* Potential Impacts: Flood stage.

River Forecast - The following rivers are forecast to meet or exceed Monitor Stage:

* Modoc County: Pit River at Canby
* Tehama County: Sacramento River at Bend Bridge
* Plumas County: Middle Fork Feather River at Portola
* Glenn County: Sacramento River at Hamilton City; Sacramento River at Butte City
* Colusa County: Sacramento River at Moulton Weir; Sacramento River at Colusa Weir; Sacramento River at Colusa Bridge
* Sutter County: Sacramento River at Tisdale Weir; Feather River at Nicolaus
* Sutter & Yolo Counties: Sacramento River at Fremont Weir
* Sacramento County: Cosumnes River at Michigan Bar; Cosumnes River at McConnell; Mokelumne River at Benson’s Ferry
* San Joaquin County: San Joaquin River at Mossdale
* Stanislaus County: San Joaquin River at Patterson
* Merced County: San Joaquin River at Newman

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