Flood Emergency Preparedness

San Diego Winter Weather Workshop

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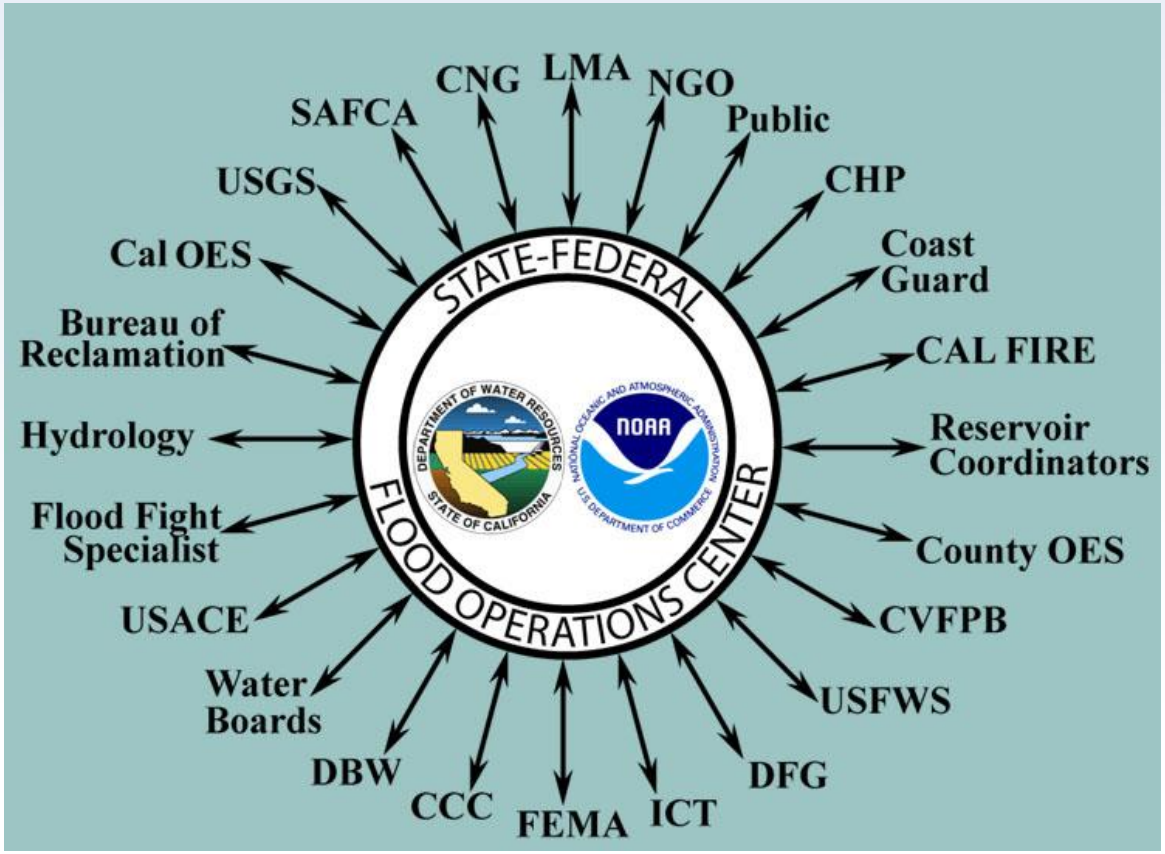
DWR
Emergency Response Priorities

- Life, property, and infrastructure
- Water quality and water supply
- Environment
- Authority derived from:
  - CA Emergency Services Act (Govt. Code 8607)
  - State Emergency Plan
  - CA Water Code Section 128 (a)

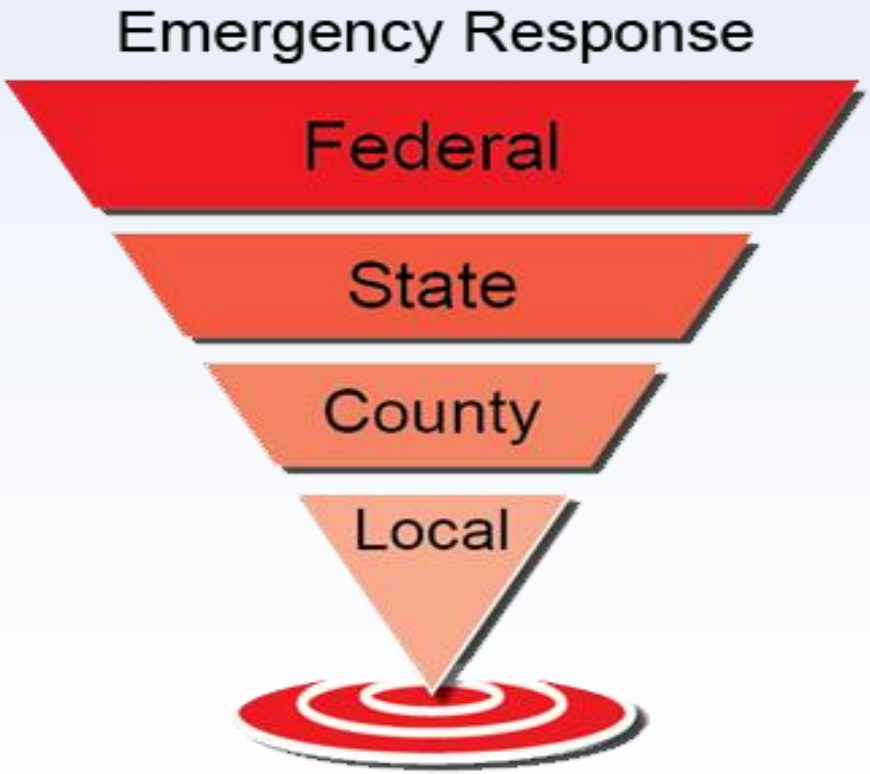
Flood Operations Center Information

Year-round, the FOC provides a focal point for **gathering**, **analyzing**, and **disseminating** information to get the right information to the right people



Role & Responsibility

- In accordance with SEMS…



Flood Operations Center Coordination

Coordinates:

- Local agency requests for State technical and direct assistance
- Flood fight activities
- Federal technical and emergency assistance under Public Law 84-99

Does NOT:

- Declare emergencies
- Order evacuations
- Repair levees
- Coordinate recovery

Flood Operations Center Information

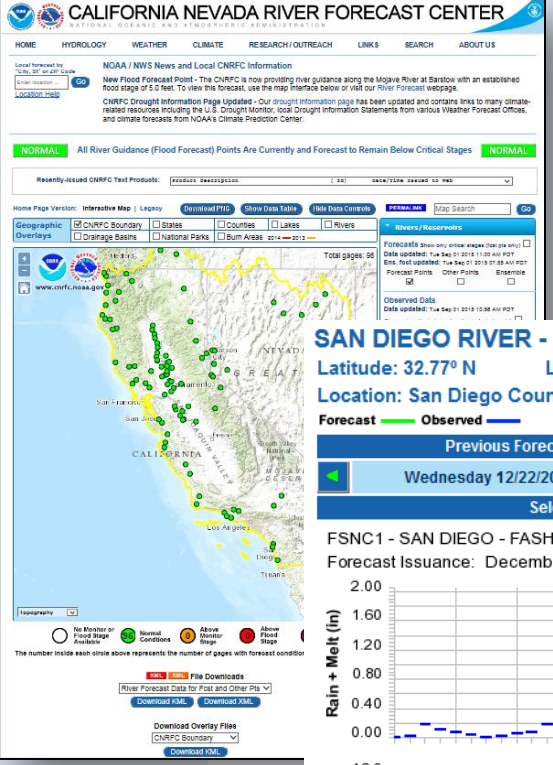
Manage DWR's flood emergency response:

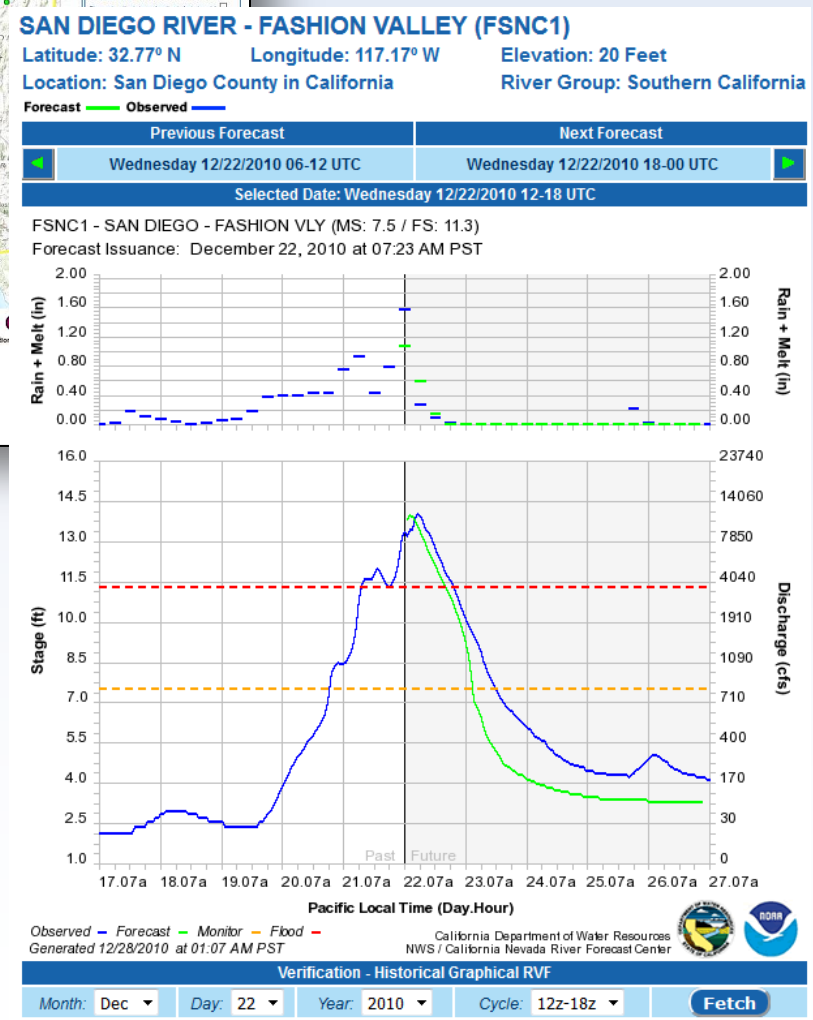
- Information gathering and dissemination:
  - Forecasted meteorological and hydrological information
  - Flood system status
  - Emergency contacts
- Coordination
- Preparedness
- Drills and exercises

CDEC

- Historical data
- Precipitation
- River forecasts
- River stages
- Reservoirs
  - Storage
  - Releases
- Snow data

CNRFC

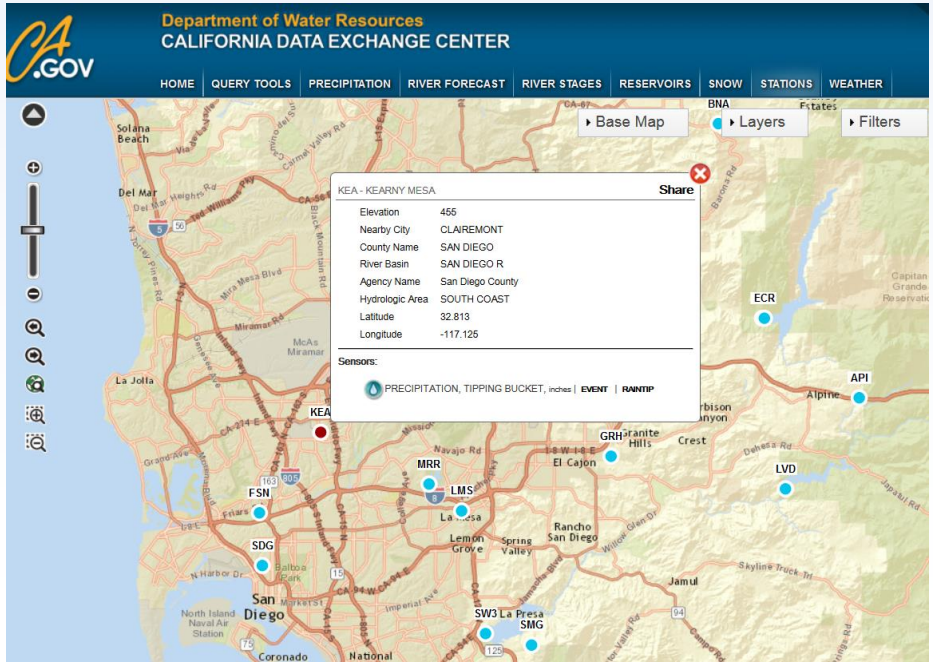




- River Stages
- River Forecasts
- Weather
  - Radar & Satellite Imagery
  - Precipitation
  - Watches/Warnings
- Climate
  - Forecasts
  - El Nino
  - Drought
- Historical Data

FERIX

- **F**lood **E**mergency **R**esponse **I**nformation E**x**change
- Online system for agencies to access and exchange current flood information.
- Integrates geo-referenced databases, real-time data collection & exchange, hydrologic/hydraulic models & tools, flood-related documents.
- Available at: http://ferix.water.ca.gov



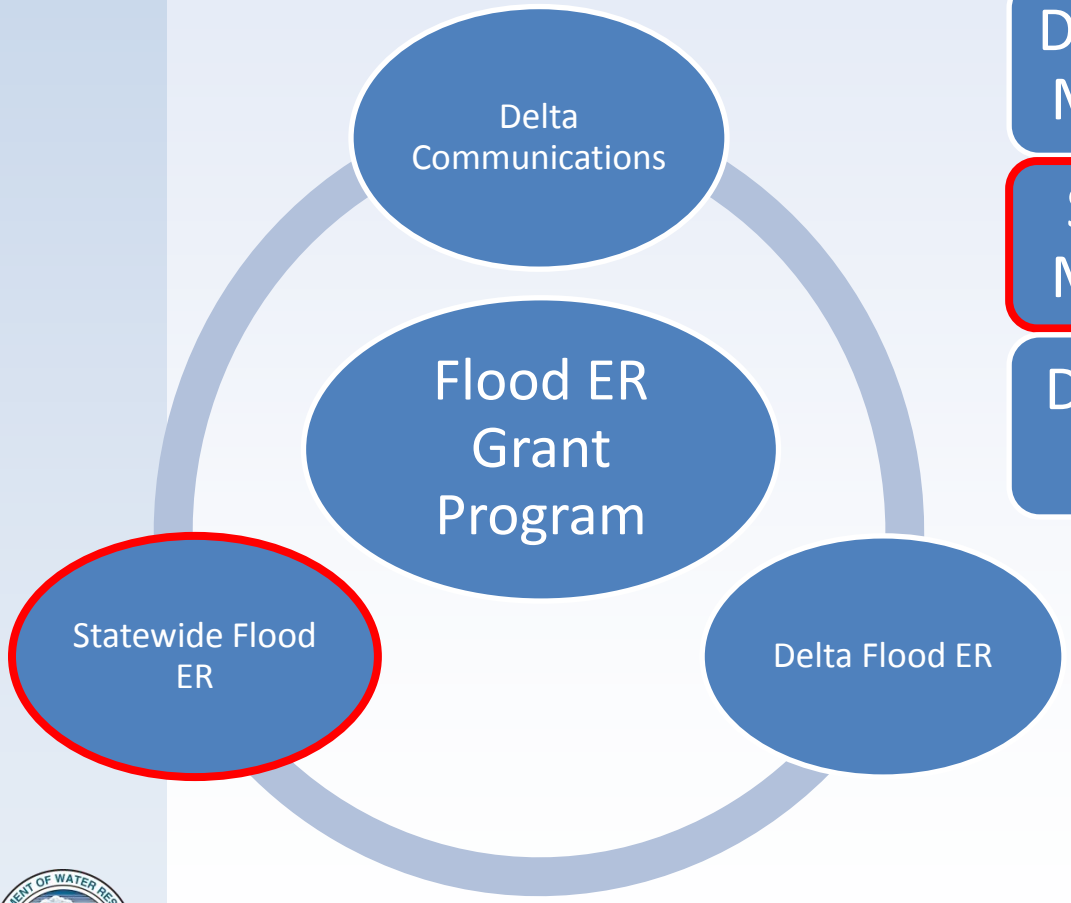
DWR Technical Assistance

- On site evaluation and assessment.
- ‘Real time’ information (Flood Operations Center – CDEC).
- Direct contact with the US Army Corps of Engineers.
- Incident Command Teams (large scale events).
- Consult / direct flood fight efforts.
- Flood fighting material (return in-kind).

Flood Fight Materials

Flood Fight Methods Training

Flood ER Grant Types



Delta Communications – $5 Million in Prop. 84 funding

Statewide Flood ER – $10 Million in Prop. 84 funding

Delta Flood ER - $ 5 Million in Prop. 1E Funding

Eligibility for Flood ER Grant

California public agencies with

primary responsibility for flood emergency response

- Local Maintaining Agencies
- Reclamation Districts
- Flood Control Districts
- Cities
- Counties
- Joint Power Authorities

Funded Activities

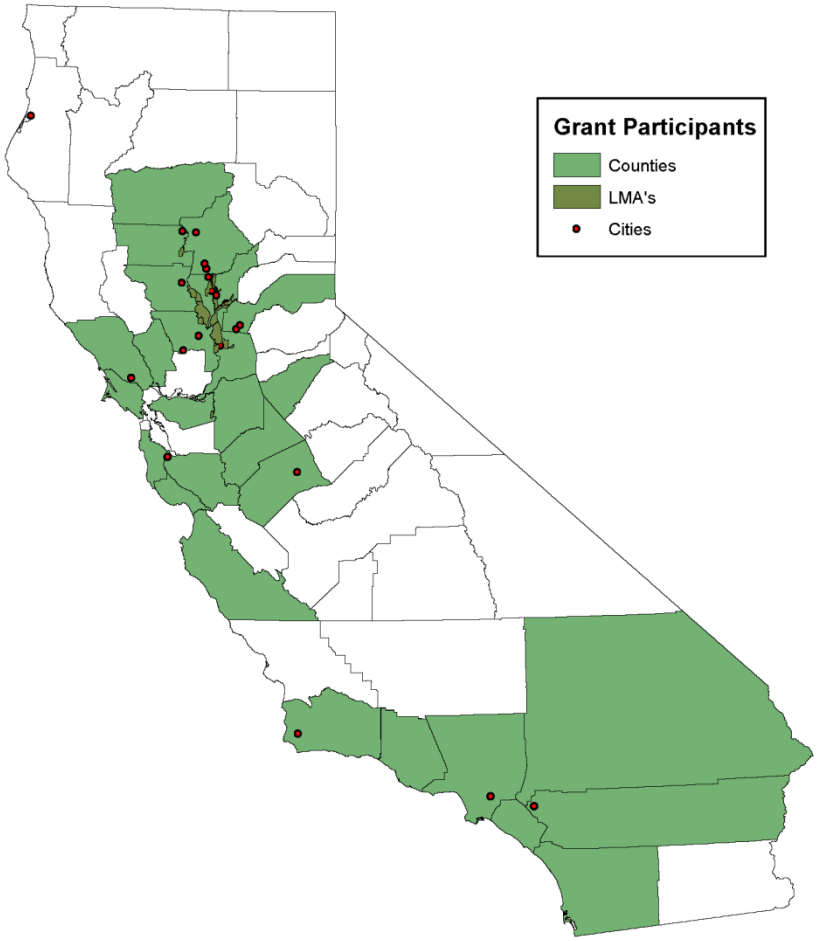
Funding activities prioritized by 3 steps

Step 1
- Planning and Coordination

Step 2
- Training & Exercises

Step 3
- Facilities, Equipment, & Supplies

Statewide Flood ER Grant Awardees



34 Projects Funded

140 Participating Agencies

Over $24 million in requested funds

FLOOD EMERGENCY RESPONSE PROJECTS - STATEWIDE GRANT PROGRAM

Information and Contacts

- Flood Center (916) 574-2619 flood_center@water.ca.gov
- Recorded Conditions and Forecasts (800) 952-5530
- Public CDEC access – http://cdec.water.ca.gov
- Agency access – http://cdec4gov.water.ca.gov (call (916) 574-1777 to apply)
- Webcast Weather/Hydrology Briefings – wx_webcast-request@water.ca.gov
- FERIX – http://ferix.water.ca.gov
- Directory of Flood Officials and Emergency Contact Cards: (916) 574-2619 or flood_center@water.ca.gov
- Flood Fight Methods Training – Rick Burnett (916) 574-1203
- Flood ER Grants – www.water.ca.gov/floodmgmt/hafoo/fob/floodER
  - Call Pat Clark to be added to the notification list (916) 574-1249
- Flood System Analysis Section Chief –
  - Jeremy Hill (916) 574-0353 or Jeremy.Hill@water.ca.gov