El Nino and Coastal Preparedness
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Welcome!

The California King Tides Project help people visualize how sea level rise will impact their lives. Via smartphones and social media, we invite you to document “king tides” – the highest high tides of today, which will be the average water levels of the future. Everyone is welcome to participate!

Our shores are constantly being altered by human and natural processes and projections indicate that sea level rise will exacerbate these changes. King Tides images offer a living record of the changes to our coasts and shorelines and a glimpse of what our daily tides may look like in the future as a result of sea level rise.

2015/2016 King Tides Season Dates

A full listing of high tide times and heights for cities and towns along the California coast will be here soon. In the
Marine Stadium, Long Beach (credit: kducklow)
Malibu Homes (credit: LA Waterkeeper)
Executive Order B-30-15

• State agencies' planning and investment shall be guided by the following principles:
  - Priority should be given to actions that both build climate preparedness and reduce greenhouse gas emissions;
  - Where possible, flexible and adaptive approaches should be taken to prepare for uncertain climate impacts;
  - Actions should protect the state's most vulnerable populations; and
  - Natural infrastructure solutions should be prioritized.
Enhanced Infrastructure Financing Districts (AB 313, SB 628)

• Broad new authority allows cities, counties and special districts to easily form public financing authorities.

• EIFD can be created quickly – they just need entities to pass a resolution at a publicly noticed meeting and appoint a public financing authority.

• Use variety of financing streams, including tax increment revenue.
Safeguarding California Implementation Action Plans

- [http://resources.ca.gov/climate/safeguarding/](http://resources.ca.gov/climate/safeguarding/)
- Comments due November 30, 2015

- Fall 2015: Implementation Plans
- June 2016: Implementation Reports
- January 2017: Safeguarding Update - Public Draft
- July 2017: Safeguarding Update - Final Draft

El Niño can influence weather patterns and is linked to a periodic warming in sea surface temperatures in the Pacific Ocean.
Individual Preparation

Are you at Risk of Flooding?

- California Flood Preparedness: This website provides information about the types of flooding and floodplains in California, suggests for ways to prepare for flooding, and ways to take action.

- CalOES MyHazards Tool: MyHazards is a tool for the general public to discover hazards in their area (earthquake, flood, fire, and tsunami) and learn steps to reduce personal risk. Using the MyHazards tool, users may enter an address, city, zip code, or may select a location from a map.

- Ready.gov: Actions to Take during Flood Watch or Warning: This page explains what actions to take when you receive a flood watch or warning alert from the National Weather Service for your local area and what to do before, during, and after a flood.

- NOAA Weather-Ready Nation: This initiative focuses on support management of the nation’s water supply, understanding of climate-related risks, economic productivity, healthy communities.
State Preparation

Emergency Planning and Operations

- **State of California Emergency Plan & Emergency Functions:** The 2009 State of California Emergency Plan established the California Emergency Functions which consist of 18 disciplines deemed essential to the emergency management community in California.

- **Lessons Learned from Past El Niño and Flooding Events:** In response to the 1997 floods in California, the Governor formed the Flood Emergency Action Team (FEAT) to provide specific recommendations to increase California's ability to respond to future flood events.

- **Caltrans' Winter Preparedness: Winter is Coming (pdf)**

- **Transportation Management and Emergency Operation Centers:** In case of a major emergency, Caltrans districts would activate and staff Centers to provide adequate supplies, such as generator fuel and long storage food, and information to the media and public.

- **The Caltrans Auxiliary Radio System (CARS):** In case of a major emergency, the purpose of the CARS network is to support Caltrans' emergency plans and to provide support and emergency communications, particularly during times of catastrophic emergencies when normal communication systems are damaged, disrupted, or overloaded.

- **California Conservation Corps (CCC) – Flood and Winter Storm Preparedness:** The CCC has been fighting floods since the Corps was created in 1976, with corps members being dispatched to nearly every major flood since the Corps' inception.

Risk Reduction
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