

El Niño Winter Storm Preparations

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El Niño Forecast Potential Impacts

- Experts predict above normal rainfall from January through March
- Up to twice the normal rainfall for Southern California is predicted
- Multiple storms can be expected (a series of 2 to 4 storms in succession)
- Flooding possible when the ground becomes saturated
- Experts predict 6" to 8" sea level rise, coastal erosion, large waves and rip currents
- El Niño does not mean the end of the drought

El Niño is here!





City General Preparations

All Departments:

- Formed Citywide Winter Storm Response Team
- Reviewed Communications, Response and Recovery Plans
- Inspected Critical Systems and Infrastructure
- Updated Contracts for Emergency Equipment and Materials
- Updated City Website with El Niño Content





Regional Disaster Preparedness

- Collaborate on local response with Avalon, Signal Hill & Los Angeles County
- Coordinate responses with American Red Cross, Schools, Hospitals, LB Transit, Utilities and others
- Disseminate storm preparation information to the public
- Ready the Emergency Operations Center for monitoring, response and recovery efforts
- Meet and train with safety teams to practice operations and public messaging roles





Regional Disaster Preparedness

- **AlertLongBeach** is a **free** emergency notification system designed to send out a voice, text and/or email alerts
- **AlertLongBeach** sends alerts to impacted residents, businesses, schools and hospitals, who have registered in the system.
- **AlertLongBeach** messages will tell you what has happened, what responders are doing and what actions you can take to protect your family and home
- To register for **AlertLongBeach** all that is needed is a name, cell phone number, or email address, home or business address to receive alerts
- All **AlertLongBeach** information will be kept confidential



ALERT
LONG BEACH



Public Works

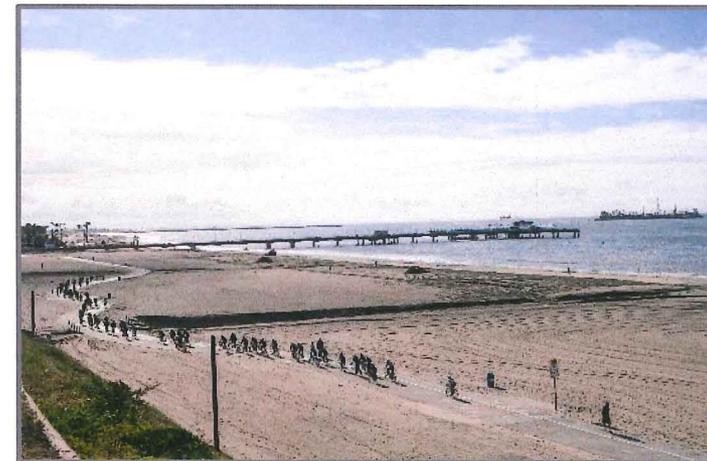
- Cleared 5,300 catch basins, clean and test 28 pump stations
- Inspect and repair city buildings for potential water intrusion (roofs, drains, gutters, etc.)
- **Sand** is available at 1651 San Francisco,
- **Sand and Sand bags** are available at:
 - Station 7 (2295 Elm) - Station 12 (1199 E. Artesia)
 - Station 13 (2475 Adriatic) - Station 14 (5200 Eliot)
- **Sand Bags** are available at Lifeguard HQ (Junipero Parking Lot) & 72nd St Station
- Inspected and removed dead trees in public right of ways
- Install and monitor sea wall plugs during high tides above 6.2 feet





Parks, Recreation & Marine

- Maintain berms on the peninsula and open storm culverts on the beach
- Maintain debris booms operations
- Provide information and alerts to live-a-boards, marina tenants and commercial operators
- Maintain aids to navigation
- Monitor tides, surf and water levels in lakes and lagoons
- Inspect and repair park facilities for potential water intrusion (roofs, drains, gutters, etc.)





Fire & Marine Safety

- Train with Urban Search and Rescue and Marine Safety for swift water responses
- Participate in water and river safety outreach programs
- Train CERT to activate with Storm Response Teams
- Identify areas for swift water response team deployment
- Inventory equipment and personal protective equipment for response teams





Police

- Police Department will protect lives and property, patrol and coordinate emergency resources as necessary
- Evaluate traffic safety needs and mitigate immediate dangerous situations when possible
- Coordinate Search and Rescue Services in partnership with the Fire Department
- Provide support and assistance to other City Departments as requested





Health & Human Services

- Activated Winter Shelter Program to serve homeless
- Provide outreach to homeless on winter shelter operations
- Issue “Water Quality Advisories” to protect residents from potential exposures to contaminated water
- Control disease causing vectors due to flooding or other water intrusions
- Share emergency plan resources on Health Department website:
<http://www.longbeach.gov/health>





Resident Preparations

Stay Aware of Weather Predictions

- Follow weather on local media: television, radio and print

Prepare and Take Action

- Clean out your rain gutters and remove any items from your property that may prevent water run off
- Check emergency kits (medicines, supplies, warm clothes, etc.) and make a plan
- Consider keeping some waterproofing materials handy for emergency repairs
- Trim tree limbs that pose a threat to people, property or structures
- Do not drive or walk through flowing water
- **Turn Around, Don't Drown!**

