



# City of Long Beach 2016 El Niño Forecast & Preparedness Plans

## Potential El Niño Winter Storm Impacts:

- Storms capable of multiple impacts (Jan to Mar)
- Coastal erosion, large wave action, rip currents
- Flooding concerns when 2-3 storms occur in back-to-back sequence, reaching ground saturation



SST means Sea Surface Temperature

## Stay Aware of Weather Predictions:

- Follow weather on local media: television, radio and print
- Stay connected with social media and internet weather resources
- Share what you know with neighbors

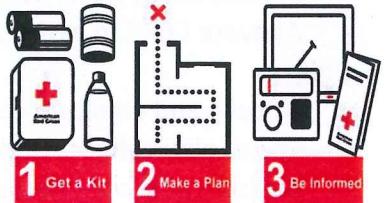


## Prepare and Take Action:

- Clean out gutters and remove any items that can prevent water run-off
- Check your emergency kits (medicine, supplies, warm clothes, etc.) & make a plan
- Do not drive or walk through flowing water  
***Turn Around, Don't Drown!***
- Call 911 for downed power lines

❖ City Department response plans are summarized on the back of this flyer. ❖

Get a Kit. Make a Plan. Be Informed.



# Plans for 2016 Winter Storms

## Disaster Preparedness

- Facilitate Citywide Winter Storm Team response;
- Coordinate local response with Area F (Long Beach, Avalon and Signal Hill) and Los Angeles County Office of Emergency Management;
- Provide Weekly Situation Status Report that include weather and tide projections;
- Disseminate storm preparation information to the public;
- Prepare the Emergency Operations Center for monitoring responses and/or activations;

## Public Works

- Clearing 5,300 catch basins, cleaning & testing 28 pump stations;
- Working with the Fire Department to make sand and sand bags available;
- Sand Locations: **Sand** is available at 1651 San Francisco, **Sand and sand bags** are available at the following Fire Stations - Station 7 (2295 Elm), Station 12 (1199 E. Artesia), Station 13 (2475 Adriatic) & Station 14 (5200 Elliot), **Bags** are available at the Lifeguard HQ in the Junipero Parking Lot & 72<sup>nd</sup> St Station;
- Install and monitor sea wall plugs during high tides above 6.2 feet ;

## Parks, Recreation and Marine, Water Side Operations

- Build and maintain berms on the peninsula;
- Open and maintain storm run-off culverts on the beach;
- Clear rain gutters and roof drains on all facilities, complete roof inspections and repairs;
- Deploy debris booms and maintain operations;
- Open communications with marina tenants and operators regarding safety precautions and notices;
- Maintain aids to navigation;
- Monitor tides, surf and storm forecasts;
- Review storm staffing plans;
- Remove dead trees near structures;
- Monitor water levels in lakes and Colorado Lagoon;

## Fire

- Identify areas with potential access issues for Swiftwater response teams;
- Inventory and maintain personal protective equipment for fire teams;
- Conduct training with Urban Search and Rescue and Marine Safety for Swiftwater responses;
- Participate in water and river safety outreach programs;
- Activate CERT to assist with Storm Response Teams;

## Police

- Update and communicate storm staffing plans;
- Pre-deploy vehicles and equipment as warranted ;
- Revise traffic control plans for major thoroughfares (flooding, power outages, or safety hazard);
- Activate Search and Rescue to provide sand bagging or other response support tasks;
- Assist other City Departments as requested;

## Health

- Provide preparedness outreach information on building a kit and developing communications plans for families to use during an emergency;
- Provide outreach to homeless on winter shelter operations;
- Assist Parks, Recreation and Marine Department & Red Cross with opening and staffing shelter operations once an emergency is declared;
- Control disease causing vectors due to flooding or other water intrusions;
- Issue "Rain Advisories" after heavy storms to protect residents from potential exposures to contaminated water.