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TCV	HLS	Static HTI	Interactive HTI	CPHC Storm Info
Issued at: 11:58 pm	Issued at: 12:26 am			

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Hurricane Lane Local Watch/Warning Statement

Issued: 24 Aug 2018 12:25 am HST

[New information](#)

CHANGES TO WATCHES AND WARNINGS:

The Hurricane Warning has been cancelled for Kohala and Kona

CURRENT WATCHES AND WARNINGS:

A Hurricane Watch is in effect for Kauai Leeward, Kauai Mountains, Kauai Windward, and Niihau
 A Hurricane Warning is in effect for Central Oahu, Haleakala Summit, Kahoolawe, Lanai Makai, Lanai Mauka, Leeward Haleakala, Maui Central Valley, Maui Leeward West, Maui Windward West, Molokai Leeward, Molokai Windward, Oahu Koolau, Oahu North Shore, Oahu South Shore, Olomana, Waianae Coast, Waianae Mountains, and Windward Haleakala

A Tropical Storm Warning is in effect for Big Island Interior, Big Island North and East, Big Island Summits, Kohala, Kona, and South Big Island

STORM INFORMATION:

Location: 18.2N 158.0W

Situation overview

Hurricane Lane remains a major category 3 storm, with maximum sustained winds of 120 mph. As of 11 PM HST, Hurricane Lane was located around 165 miles southwest of Kailua-Kona, Hawaii and 215 miles south of Honolulu, Hawaii. Lane is moving slowly toward the north around 6 mph. A slow northward motion is expected to continue through the day. A turn toward the west is anticipated Saturday, with an increase in forward speed. On the latest forecast track, the center of Lane will move over, or dangerously close to portions of the main Hawaiian islands later today through Saturday. Regardless of the hurricane track life threatening impacts will extend far beyond the center position of Lane. Do not focus on the exact forecast track or intensity. The close proximity of this hurricane track to the main Hawaiian Islands and the forecast timing of Lane's turn to the west remains challenging. Be prepared for changes in future forecasts as Lane approaches the islands from the south. Although the official forecast does not explicitly indicate Lane's center making landfall over any of the islands, impacts from a land falling hurricane may still occur.

Tropical storm conditions are already occurring on the Big Island, Maui County and Oahu. These conditions will likely persist through the early morning hours. Hurricane conditions are expected over some areas of Maui County and Oahu starting today and continuing through tonight. Tropical storm or hurricane conditions are possible on Kauai starting later today or tonight.

Outer rain bands far from the center of Hurricane Lane are already affecting all the main Hawaiian Islands. Widespread heavy rainfall and flash flooding is ongoing over portions of the Big Island. The rain bands will continue to spread northwest through tonight. Excessive rainfall is likely which could result in life threatening flash flooding, as well as landslides and mudslides. Flooding will be possible in areas that are typically not prone to flooding. Lane is expected to produce storm total rain accumulations of 10 to 20 inches, with localized amounts of 30 to 40 inches possible over portions of the Hawaiian Islands. Over two feet of rain has already fallen at a few locations on the windward side of the Big Island.

Swells generated by Lane will produce life-threatening surf and dangerous rip currents along exposed coastlines. A prolonged period of high surf will likely lead to significant coastal erosion. Surf is expected to continue to increase through the day today with the peak tonight as Lane passes near the smaller islands. Surf heights for the Big Island are forecast to range from 10 to 15 feet along the southwest facing shores, with 6 to 10 feet for east facing shores. Surf heights for Maui County, Oahu and Kauai County will rise 15 to 25 feet by this afternoon.

The combination of storm surge and large breaking waves is expected to raise water levels well above normal tide levels as Hurricane Lane makes its closest approach. This is expected to result in significant beach erosion and overwash onto vulnerable coastal roadways through Saturday as Lane makes its closest approach, particularly around the time of the normal high tide cycles. Water levels will range from 2 to 4 feet above normal along south and west facing shores near the center of Lane. The surge will be accompanied by large and destructive waves.

Tornadoes and waterspouts will be possible with Lane, mainly along and to the right of the track of the hurricane.

Potential impacts



FLOODING RAIN:

Protect against life-threatening rainfall flooding having possible devastating impacts across the Hawaiian islands. Potential impacts include:

- Extreme rainfall flooding may prompt numerous evacuations and rescues.
- Rivers and tributaries may overwhelmingly overflow their banks in many places with deep moving water. Small streams, creeks, canals, arroyos, and ditches may become raging rivers. In mountain areas, deadly runoff may rage down valleys while increasing susceptibility to rockslides and mudslides. Flood control systems and barriers may become stressed.

- Flood waters can enter numerous structures within multiple communities, some structures becoming uninhabitable or washed away. Numerous places where flood waters may cover escape routes. Streets and parking lots become rivers of raging water with underpasses submerged. Driving conditions become very dangerous. Numerous road and bridge closures with some weakened or washed out.



WIND:

Protect against dangerous wind having possible significant impacts across Maui County, Oahu, and western and southern sections of the Big Island. Potential impacts in this area include:

- Some damage to roofing and siding materials, along with damage to porches, awnings, carports, and sheds. A few buildings experiencing window, door, and garage door failures. Mobile homes damaged, especially if unanchored. Unsecured lightweight objects become dangerous projectiles.
- Several large trees snapped or uprooted, but with greater numbers in places where trees are shallow rooted. Several fences and roadway signs blown over.
- Some roads impassable from large debris, and more within urban or heavily wooded places. A few bridges, causeways, and access routes impassable.
- Scattered power and communications outages, but more prevalent in areas with above ground lines.

Also, protect against hazardous wind having possible limited impacts across northern and eastern sections of the Big Island and Kauai.



SURGE:

Protect against life-threatening surge having possible significant impacts across southeast, south and southwest facing coastlines. Potential impacts in this area include:

- Areas of inundation with storm surge flooding accentuated by waves. Damage to several buildings, mainly near the coast.
- Sections of near-shore escape routes and secondary roads become weakened or washed out, especially in usually vulnerable low spots.
- Major beach erosion with heavy surf breaching dunes. Strong and numerous rip currents.
- Moderate damage to marinas, docks, boardwalks, and piers. Several small craft broken away from moorings, especially in unprotected anchorages.

Elsewhere across the Hawaiian islands, little to no surge impact is expected at this time.



TORNADOES:

Protect against a tornado event having possible limited impacts across the Hawaiian islands. Potential impacts include:

- The occurrence of isolated tornadoes can hinder the execution of emergency plans during tropical events.
- A few places may experience tornado damage, along with power and communications disruptions.
- Locations could realize roofs peeled off buildings, chimneys toppled, mobile homes pushed off foundations or overturned, large tree tops and branches snapped off, shallow-rooted trees knocked over, moving vehicles blown off roads, and small boats pulled from moorings.

Precautionary/preparedness actions

EVACUATIONS:

Listen to local official for recommended preparedness actions, including possible evacuation. If ordered to evacuate, do so immediately.

For those not under evacuation orders, assess the risk from wind, falling trees, and flooding at your location. If you decide to move, relocate to a safer location nearby. If you do not relocate, help keep roadways open for those under evacuation orders.

If evacuating, leave with a destination in mind and allow extra time to get there. Take your emergency supplies kit. Gas up your vehicle ahead of time.

Let others know where you are going prior to departure. Secure loose items and pets in the car, and avoid distracted driving.

If evacuating, follow designated evacuation routes. Seek traffic information on roadway signs, the radio, and from official sources.

OTHER PREPAREDNESS INFORMATION:

Now is the time to complete all preparations to protect life and property in accordance with your emergency plan. Ensure you are in a safe location before the onset of strong winds or possible flooding.

If you are relocating to safe shelter, leave as early as possible. Allow extra time to reach your destination. Many roads and bridges will be closed once strong winds arrive. Check the latest weather forecast before departing and drive with caution.

If heading to a community shelter, become familiar with the shelter rules before arrival, especially if you have special needs or have pets. Take essential items with you from your Emergency Supplies Kit.

Failure to adequately shelter may result in serious injury or loss of life. Always heed the advice of local officials and comply with any orders that are issued. Remember, during the storm 9 1 1 Emergency Services may not be able to immediately respond if conditions are unsafe. This should be a big factor in your decision making.

Keep cell phones well charged. Cell phone chargers for automobiles can be helpful, but be aware of your risk for deadly carbon monoxide poisoning if your car is left idling in a garage or other poorly ventilated area.

It is important to remain calm, informed, and focused during an emergency. Be patient and helpful with those you encounter.

If you are a visitor, be sure to know the name of the city or town in which you are staying and the name of the county or parish in which it resides. Listen for these locations in local news updates. Pay attention for instructions from local authorities.

Rapidly rising flood waters are deadly. If you are in a flood-prone area, consider moving to higher ground. Never drive through a flooded roadway. Remember, turn around don't drown!

If a Tornado Warning is issued for your area, be ready to shelter quickly, preferably away from windows and in an interior room not prone to flooding. If driving, scan the roadside for quick shelter options.

If in a place that is vulnerable to high wind, such as near large trees, a manufactured home, upper floors of a high-rise building, or on a boat, consider moving to a safer shelter before the onset of strong winds or flooding.

Closely monitor weather.gov, NOAA Weather radio or local news outlets for official storm information. Be ready to adapt to possible changes to the forecast. Ensure you have multiple ways to receive weather warnings.

ADDITIONAL SOURCES OF INFORMATION:

- For information on appropriate preparations see ready.gov
- For information on creating an emergency plan see getageplan.org
- For additional disaster preparedness information see redcross.org

Next update

The next local statement will be issued by the National Weather Service in Honolulu HI around 6 AM HST, or sooner if conditions warrant.