

**Daily Report  
October 26, 2017**

**Department of Homeland Security Threat Advisory Level:** Bulletin, Expires: 11-15-2017

**National Reporting:** MARIA/IRMA Recovery Effort

**NOC Incident Monitoring:** Tropical Storm SAOLA; Waterway Closure - Ohio River

**FEMA: National Watch Center (NWC):** Steady State

**National Response Coordination Center (NRCC):** Modified Level-III

**Regional Response Coordination Centers (RRCC):** Not activated

**FEMA Significant Events:** Post hurricanes HARVEY/IRMA/MARIA recovery

**National Interagency Fire Center (NIFC) - National Preparedness Level: 2**

**Description:** Active Geographic Areas (GA's) are unable to independently accomplish incident management objectives. Resource capability remains stable enough nationally to sustain incident operations and meet objectives in active GA's. Significant wildland fire activity is increasing in a few geographic areas. Resources within most geographic areas are adequate to manage the current situation, with light to moderate mobilization of resources occurring through the National Interagency Coordination Center. Potential for emerging significant wildland fires is normal to below normal for the time of year.

**National Fire Weather:** High pressure across the Great Basin - previously responsible for heightened fire weather concerns over southern California on previous days - will weaken dramatically throughout the day while a colder air mass (with higher RH values) overspreads the northern Rockies and Plains behind a southward-moving cold front. The net result is a more quiescent fire weather scenario for most areas except for portions of the southern Rockies, where dry westerly flow will support elevated conditions during the afternoon. (NOAA Fire Weather Outlook)

- **Red Flag Warnings:** none indicated
- **Extreme fire weather conditions:** none indicated
- **Critical fire weather conditions:** none indicated
- **Elevated fire weather conditions:** expected today for portions of southeastern Arizona, southwestern New Mexico, and west Texas.

**Wildfire Activity:** Nationally, initial wildland fire activity is **Light** with **66 New** fires. Of these, there are **0 New Large Incidents** resulting in a total of **1 Uncontained Large Fires**. (NICC Incident Management Situation Report – October 26, 2017)

**Significant Wildfires:**

**Central LNU Complex** (10/9/2017), Santa Rosa, CA; UC, IMT1 (FMAG 10/9/2017) (NCCC)

- **Size:** 110,720 (+0); Acres; **Containment:** 94% (+1%)
- **Structures Threatened:** Residence – 0; Commercial properties – 0, Other – 0
- **Structures Damaged/Destroyed:** Residences - 319/5,271, Commercial 29/124, Other – 138/1,562
- **Critical Infrastructure Threatened:** N/A
- **Evacuated:** 0 (-86,286); **In Shelters:** 0; **Sheltering in Place:** 0
- **Injuries/Fatalities:** 0/23 (civilians); 1/1 (responders)

**Southern LNU Complex** (10/9/2017), Napa County, CA; UC, IMT3 (FMAG 10/9/2017) (NCCC)

- **Size:** 51,624 (+0); Acres; **Containment:** 97% (+1%)
- **Structures Threatened:** Residence – 0; Commercial properties – 0, Other – 0
- **Structures Damaged/Destroyed:** Residences - 74/462; Commercial 12/17; Other – 34/304
- **Critical Infrastructure Threatened:** N/A
- **Evacuated:** 0; **In Shelters:** 0; **Sheltering in Place:** 0
- **Injuries/Fatalities:** 0/6 (civilians)

**All Hazard Activity:**

**Los Angeles, California: O.C. Fire Authority chief defends agency's initial response to Canyon 2 fire-** After nearly a week of criticism of his agency's response to the Canyon 2 fire, Orange County Fire Authority Interim Chief Patrick McIntosh announced Wednesday that he would ask his agency's board of directors to authorize an independent review of the authority's actions when the blaze broke out. The fire, which began the morning of Oct. 9, burned more than 9,200 acres and destroyed or damaged nearly 60 homes in Anaheim Hills. About 5:41 a.m. that morning, the Fire Authority sent firetrucks from a station in Yorba Linda to help firefighters in the deadly Northern California wildfires, McIntosh said. That meant officials had to send out a call to off-duty firefighters in the agency to backfill that station, he added. Orange County Supervisor Todd Spitzer, who also serves on the Fire Authority board, said the agency should not have deployed mutual aid to the Northern California blaze without having that station back-filled right away. "When we know we're going to have red-flag conditions, we can't deploy mutual aid outside our county and leave our flank unprotected," Spitzer said. Also, Spitzer added, the Fire Authority should have had eyes on the Canyon fire area to make sure no hot spots or embers were kicked up. Spitzer wants the Board of Supervisors to approve an independent review that could also go over the authority's independent analysis of the fire response. ([LATimes](#))

**U.S.: Hybrid aerial- aquatic 'RoboBee' to revolutionize Search and Rescue missions in near future –** A new biologically-inspired, flapping-wing RoboBee that can fly, dive into water, swim, propel itself back out of water, and safely land on the surface has been brought to life by researchers at the Wyss Institute for Biologically Inspired Engineering at Harvard University and the Harvard John A. Paulson School of Engineering and Applied Sciences (SEAS). The team had earlier developed a miniature first of its kind robot that could fly in the air and swim inside water. Back then in 2015 the team was working on the challenge to create necessary lift to take the RoboBee from water back to the air in the form of larger aerial-aquatic robots. The dream seems to have been accomplished with this new micro-robot capable of repeatedly moving in and through complex environments. ([CrazyEngineers](#))

**U.S.: A significant storm could hit New York -** Sunday marks the five-year anniversary of when Superstorm Sandy hit New Jersey and New York. This Sunday night into Monday morning, some forecast models show, another big storm will lash the Northeast. This forecast banks off a tropical wave down in Central America, a low-pressure system swinging a cold front across the eastern US and a large dip in the jet stream -- which is due to former Typhoon Lan now off the coast of Alaska -- all merging at the same time near the Northeast coast. The magnitude of impacts depends on whether the weather all lines up. If these systems do all merge (and it's a big if), you may hear people begin to reference the "perfect storm" -- a term used by meteorologists when everything in the atmosphere comes together just right for a storm to have dangerous conditions. Tropical storm-force winds, coastal erosion and flooding rains could then be possible from the mid-Atlantic through New England. One thing is for certain; this storm system is not forecast to be as strong as Sandy. ([MSN](#))

**Must taxpayers subsidize the repeated rebuilding of homes in flood zones?** - The Senate this week joined the House to approve much-needed emergency relief funding to help hurricane victims. But as is too often the case, Congress ducked the bigger opportunity: overhauling the failing National Flood Insurance Program. In touring the hurricane-ravaged Gulf Coast recently, Hensarling found more than a few examples that should have taxpayers boiling mad. In Louisiana, there's a modest home worth about \$60,000 that has flooded more than 30 times, costing taxpayers more than \$400,000 to repeatedly rebuild. In the Houston area, a home has flooded three times in eight years and another has flooded 22 times since 1980. The latter is worth about \$100,000 but taxpayers have paid more than \$1 million to rebuild it, he said. We're all for federal aid in moments of natural disaster, but this repeat funding for repeat flooding has to stop. We applaud Hensarling and Rep. Sean Duffy, R-Wis., for seeking to preserve aid where it's most needed while preventing the flood insurance program from continuously chucking good money after bad. The 21st Century Flood Reform Act (H.R. 2874) offers carrots and sticks. It seeks to make flood insurance more available and affordable by shrinking reliance on government insurance and encouraging private insurers to compete for flood insurance business. It also would incentivize local governments to adopt building codes and smart land-use plans to avert the sort of flooding that was so devastating in Houston. ([DallasNews](#))

For Your Situational Awareness

Respectfully,

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