

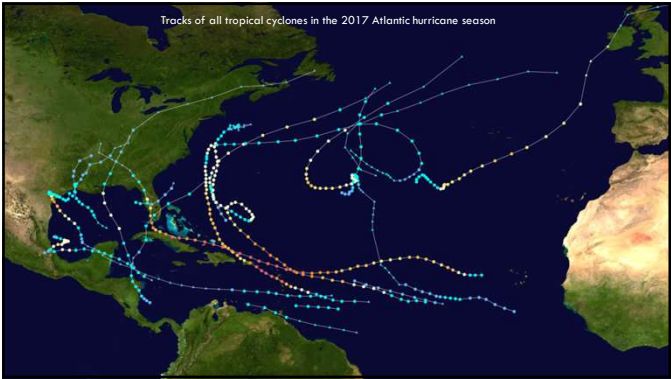
HURRICANES HARVEY, IRMA & MARIA AUG - SEP 2017

TEXAS
CARIBBEAN/FLORIDA
PUERTO RICO

2017 ATLANTIC HURRICANE SEASON APRIL 19 – NOV 9

- 18 DEPRESSIONS
- 17 TOTAL STORMS
- 10 HURRICANES
- 6 MAJOR HURRICANES (CAT 3+)
- 882 FATALITIES
- \$368.66 BILLION (COSTLIEST SEASON ON RECORD)

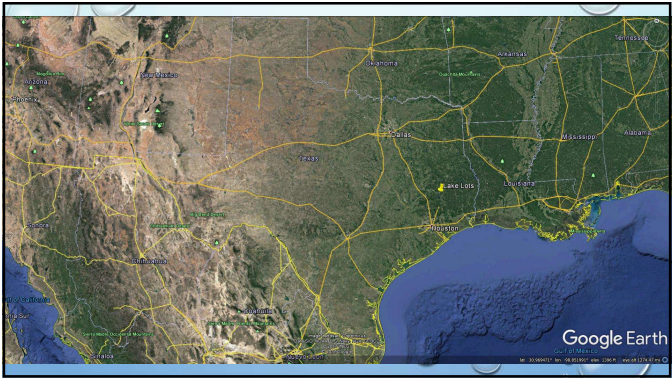
- HARVEY: AUG 17 – SEP 3
- IRMA: AUG 30 – SEP 16
- MARIA: SEP 16 – OCT 3

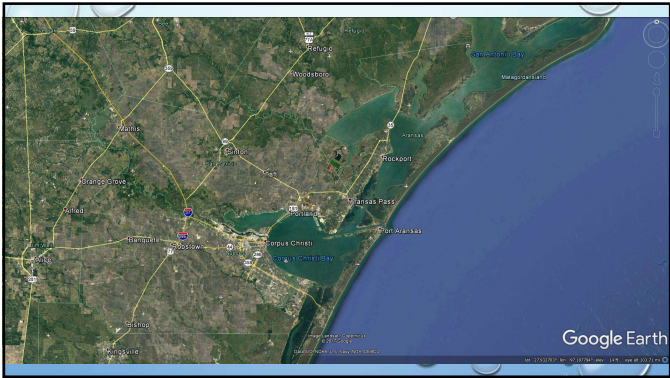



Hurricane Harvey near the coast of Texas at peak intensity late on August 25, 2017

HURRICANE HARVEY

- COSTLIEST HURRICANE ON RECORD AT \$200 BILLION IN DAMAGE
- MOSTLY FROM FLOODING IN HOUSTON
- 8/26/16: LANDFALL AT ROCKPORT, TX W/ 130 MPH WINDS
- MOVING EAST – WEAKENED AND SLOWED
- AND RAINED!







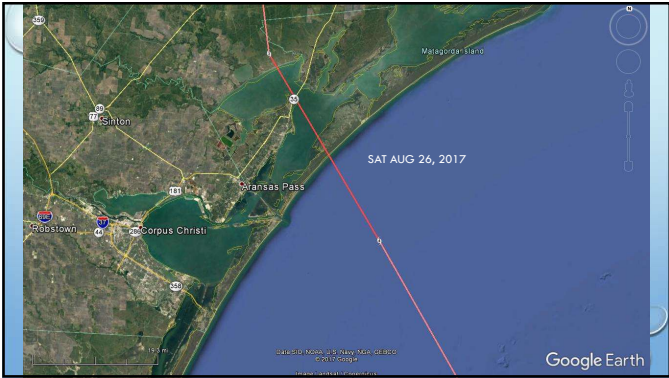
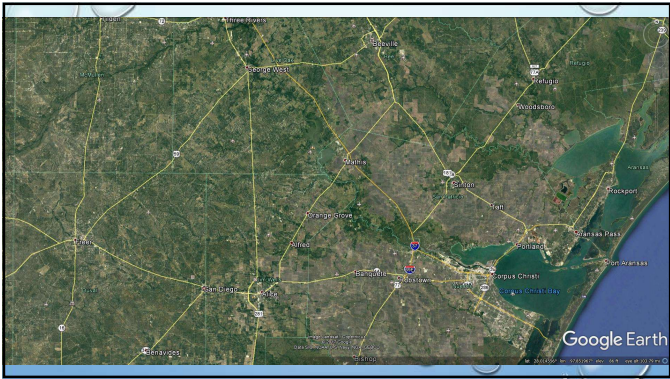
City of Portland


August 25 · 🌐

The City of Portland has issued a mandatory evacuation order for all persons within the City of Portland, with the exception of essential emergency personnel. The order is effective immediately.

For information about routes and evacuation precautions, please visit the Texas Department of Transportation site at <http://www.txdot.gov/traffic/safety/weather/hurricane.html>.

Tropical storm Harvey became a hurricane at noon today and is still gathering strength at this time. Harvey is forecast to make landfall as a major hurricane sometime Friday evening or early Saturday morning.





Pavilions at Northshore


August 27 · 🌐

Pavilion residents,

We are unable to re-open but wanted to give you information that we do know about the Pavilions Community and the city.

The City of Portland is under a water boil advisory however the property is still without power. We do not know when power will be restored. The property received some damage to some fences and roof shingles, we believe from word of mouth that is the extent.

We will try to post more as we learn more. Thank you.




Pavilions at Northshore

August 27 · 🌐

Here is what I just received from the city:

"We are not restricting reentry into the city after Hurricane Harvey. However, we strongly recommend you delay returning until roadway debris and downed power lines have been removed, and electricity and water have been restored."




City of Portland

August 27 · 🌐

PORTLAND RESIDENTS ASKED TO RESTRICT WATER USE

The City of Portland is asking residents to restrict their water consumption to necessary use only. That means residents should use water only for medical necessities, and for drinking and cooking (after adhering to the mandatory water boil notice).

The San Patricio Municipal Water District stopped supplying water to Portland earlier today because of low pressure in their lines. While the City has been working to provide water to residents, the remaining water supply is reaching dangerously low levels. The City is looking to restrict water use to extend the availability of water for essentials and in the event of an emergency, such as a fire.




Pavilions at Northshore

August 27 · 🌐

Portland shuts down water grid due to shortage


<http://www.kristv.com/.../portland-shuts-down-water-grid-due-...>



Portland shuts down water grid due to shortage

Portland officials advised that the city's water grid had been shut down Saturday evening.

KRISTV.COM



City of Portland

August 28 · 🌐


WATER HAS BEEN RESTORED, BUT...

The San Patricio Municipal Water District is sending water back to the city again, so we're able to get water out to everyone again. That's the good news.

BUT...THE BOIL WATER NOTICE IS STILL IN EFFECT. IT IS CRITICAL THAT YOU BOIL ANY WATER YOU CONSUME.

We know you don't have power, but YOU MUST BOIL ANY WATER YOU CONSUME. Otherwise you should continue to consume only bottled water.

To kill all harmful bacteria, water for drinking and cooking should be boiled and cooled prior to consumption. The water should be brought to a vigorous boil for a minimum of two minutes.




Pavilions at Northshore

August 28 · 🌐

Today we were able to perform a very quick preliminary inspection of the Community. The buildings/structures seem to be intact and okay. Most of the damage seems to be to the roof shingles, fences, and trees. The city still does not have power but water has been restored. AEP estimates power to be restored in 1-2 weeks.

Please keep checking here on our Facebook page to get community and city updates as we have very limited access to phones and email.

Thank you!



City of Portland

August 29 · 🌐


PORTLAND LIFTS EVACUATION ORDER; RESIDENTS CAUTIONED TO DELAY RETURNING IF POSSIBLE

Mayor David Krebs has officially lifted the evacuation order for Portland. However, city officials ask residents to delay returning to Portland, if at all possible. At this time more than 75% of the city is without power. Water service has been restored, but the San Patricio Municipal Water District's boil water notice remains in effect. That means water must be boiled for at least two minutes before drinking, cooking, making ice, etc., and that's difficult to do without power.

Conditions are not ideal in Portland now. We're working with the water district to ensure the water is safe so the boil water notice can be lifted. AEP is out in force working to restore power, but with so much damage to the power infrastructure here in Portland, they have a big job in front of them.

None of the traffic lights in Portland are working right now. Some of the traffic light poles are completely gone. When approaching those intersections, everyone should observe the four-way stop rule. With so much infrastructure down, it is critical that everyone be careful when driving on the streets—please be cautious and be safe.

If you can delay your return to the city, we encourage you to do that. We will keep you posted as conditions improve.

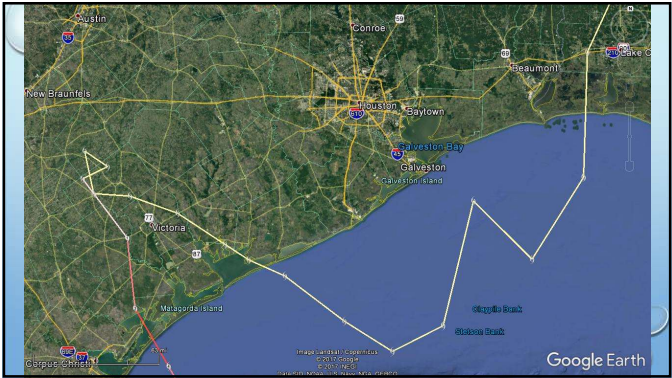
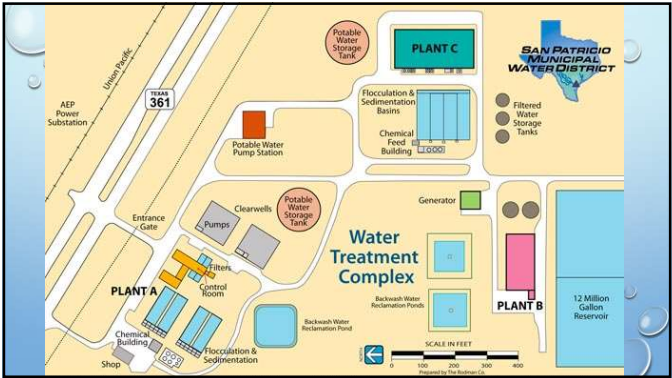


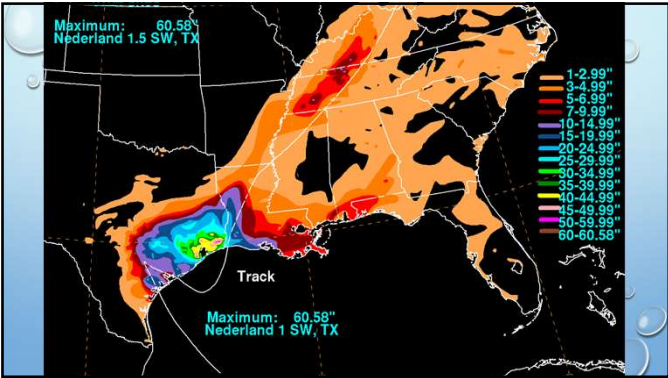
Pavilions at Northshore

August 29 · 🌐

Update: The property still does not have power but we have several trucks on property replacing damaged power poles. So that's a great sign! The water has been restored with a boil advisory. Starting today we are walking all units to inspect for leaks and or damage and cleaning the food out of refrigerators to prevent loss of appliance and unsanitary conditions. We are also leaving the doors open on the refrigerators to help prevent mildew and odor. We've also turned off the electrical breakers inside the unit so once power is restored you will need to flip all the breakers back on. Tomorrow we have crews coming to start clean up. We hope to get our beautiful community cleaned up and back to normal as quickly as we can. Thank you to all the residents to have already removed food from the refrigerators! It's a great help!!!







BEAUMONT, TX

- VIDEO: PBS NEWSHOUR
- KNOCKED OUT BY HARVEY, BEAUMONT'S WATER STARTS TO FLOW
- SEP 4, 2017

A video frame showing a male news anchor in a suit and tie, speaking from a studio. Behind him is a large screen displaying a flooded street in Beaumont, Texas, with the word "HARVEY" overlaid in large white letters. The PBS NewsHour logo is visible in the bottom left corner of the video frame.

<https://www.youtube.com/watch?v=IxbgEwFh9VM>

HURRICANE IRMA

- 8/30/17: FORMED NEAR CAPE VERDE ISLANDS
- 9/6/17: BECAME CAT 5 HURRICANE
- SECOND MOST INTENSE ATLANTIC HURRICANE ON RECORD IN TERMS OF SUSTAINED WINDS
- 9/11/17: DOWNGRADED TO TS

A satellite image of Hurricane Irma showing a very well-defined eye and dense spiral cloud bands. Text overlaid on the image reads: "Hurricane Irma over the Virgin Islands at peak intensity on 9/9/17".



TIMELINE

- 9/6/17: LANDFALL AT BARBUDA @ CAT 5
- 9/7/17: SAINT MAARTEN, GINGER ISLAND, TORTOLA, BRITISH VIRGIN ISLANDS
- 9/8/17: BAHAMAS (LITTLE INAGUA), THEN CUBA > WEAKEND TO CAT 3
- 9/9/17: CROSSED STRAIGHTS OF FLORIDA > CAT 4
- 9/10/17: CUDJOE KEY, MARCO ISLAND, NAPLES > CAT 2
- 9/12/17: NOW TROPICAL DEPRESSION GEORGIA/ALABAMA BORDER

IRMA: RECORD BREAKING

- STRONGEST ATLANTIC HURRICANE EVER OUTSIDE THE GULF OF MEXICO AND CARRIBBEAN SEA
- 3 DAYS AT CAT 5 (LONGEST CAT 5 SINCE SATELLITE STORM-TRACKING BEGAN)
- 37 HOURS OF SUSTAINED 185 MPH WINDS
- LARGEST EVACUATION IN HISTORY OF THE BAHAMAS
- POTENTIALLY LARGEST EVACUATION IN US HISTORY (6.3 M IN FL ORDERED TO EVACUATE)
- ~95% BUILDINGS ON BARBUDA DAMAGED

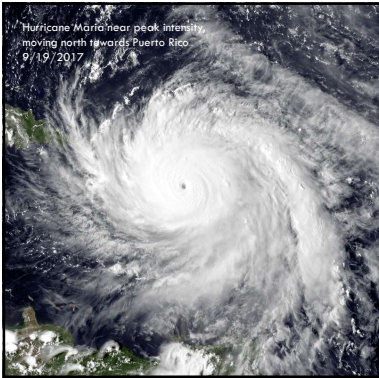
ST. MARTIN

- VIDEO: FRANCE 24 (ENGLISH)
- HURRICANE IRMA: DRINKING WATER, ROTTING RUBBISH POSE RISK OF EPIDEMIC ON FRENCH CARIBBEAN ISLANDS
- SEP 15, 2017



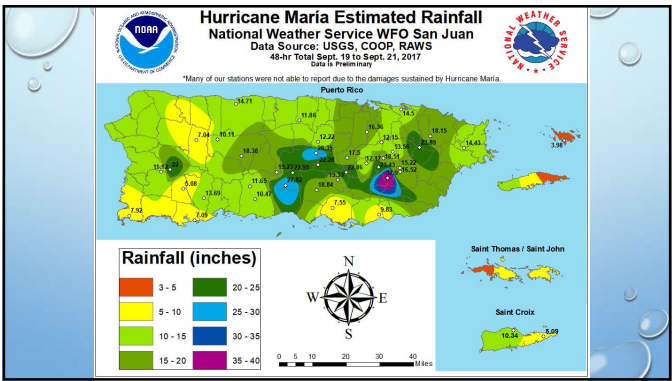
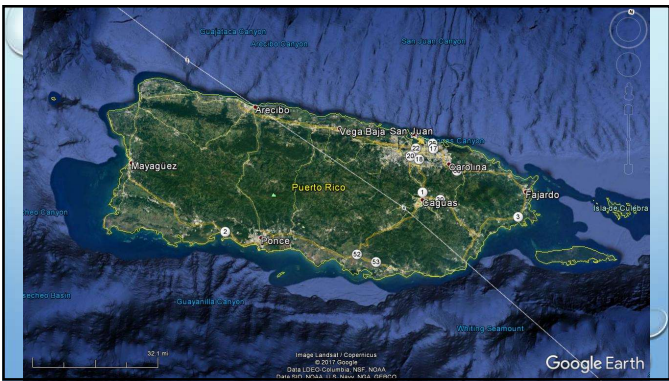
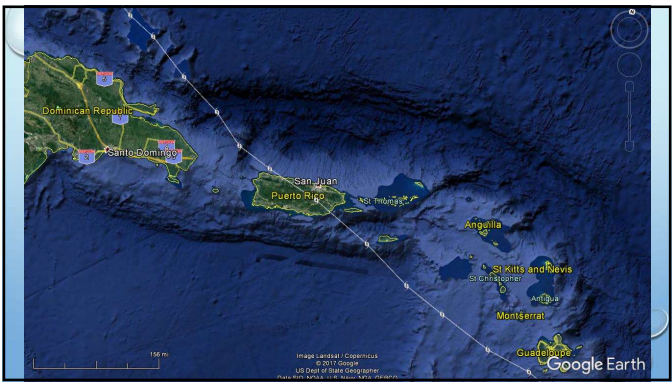
FRANCE24.COM

<https://www.youtube.com/watch?v=pu8E3Y17kwk>



Hurricane Maria near peak intensity, moving north towards Puerto Rico.
9/19/2017

HURRICANE MARIA



HURRICANE MARIA – PUERTO RICO

- WEDNESDAY SEP 20, 2017 – CAT 4 W/ 150 MPH WINDS
- 3.4 MILLION US CITIZENS LIVE IN PUERTO RICO
- HURRICANE MARIA WAS LIKE A "50-MILE-WIDE" TORNADO THAT MADE A DIRECT HIT
- MASSIVE DAMAGE TO POWER GRID AND POWER PRODUCTION
 - WATER
 - COMMUNICATIONS
 - HEALTH/HOSPITALS
 - FOOD

NO ELECTRICITY – NO WATER

- AUDIO: NPR
- NO ELECTRICITY MEANS NO CLEAN WATER FOR MANY IN PUERTO RICO
- SEP 27, 2017



<https://www.npr.org/2017/09/27/553917909/no-electricity-means-no-clean-water-for-many-in-puerto-rico-9/27/2017>

RICHARD 'CRAZY LEGS' COLÓN

- AUDIO: NPR
- RICHARD 'CRAZY LEGS' COLÓN RETURNS TO PUERTO RICO WITH A CLEAN DRINKING WATER MISSION
- OCT 1, 2017



<https://www.npr.org/2017/10/01/554803408/richard-crazy-legs-col-n-returns-to-puerto-rico-with-a-clean-drinking-water-mission>

CONTAMINATED WATER HEALTH EFFECTS?

- AUDIO: NPR
- PUERTO RICAN HEALTH OFFICIALS WORRY ABOUT CONTAMINATED WATER EFFECTS
- OCT 16, 2017



<https://www.npr.org/2017/10/16/557985845/puerto-rico-health-officials-worry-about-contaminated-water-effects>

FINDING SAFE WATER TO DRINK

- VIDEO: CNN
- PUERTO RICANS STRUGGLE TO FIND DRINKING WATER
- OCT 17, 2017



<http://edition.cnn.com/videos/world/2017/10/17/puerto-rico-toxic-drinking-water-crisis-lavandera-dnt-ac.cnn>

PUERTO RICO'S RAIN FOREST

- AUDIO: NPR
- ASSESSING THE DAMAGE TO PUERTO RICO'S RAIN FOREST
- OCT 28, 2017

<https://www.npr.org/2017/10/28/560554603/assessing-the-damage-to-puerto-ricos-rain-forest>

LEPTOSPIROSIS


- VIDEO: CNN
- SUSPECTED DEADLY BACTERIA CASES IN PUERTO RICO
- OCT 27, 2017

NEW TONIGHT

DEADLY BACTERIA FOUND IN PUERTO RICO'S WATER

CNN

OUTFRONT




https://www.youtube.com/watch?v=4UcesKp_CFo

Statistics

Progress in Puerto Rico

Hurricane Maria Update

Signs of recovery	Cell service	5%	61%	92%
	Potable water	44%	69%	83%
	Patients cared for in hospitals by federal authorities	---	6,100	33,165
	Open ATMs	114	1,047	1,160
	Generators	10	148	423
	Gas Stations	40%	78%	84%
	Power	0%	21%	41%
Installation of Blue Roof	0	439	5,975	
		1 DAY	30 DAYS	45 DAYS
# of days after Maria made landfall				



FEDERAL EMERGENCY MANAGEMENT AGENCY

Statistics as of 11/13/2017

Source: Federal Emergency Management Agency

END 2017 HURRICANES