

HURRICANE HARVEY

How the Houston Chronicle staff covered one of the worst natural disasters in U.S. history









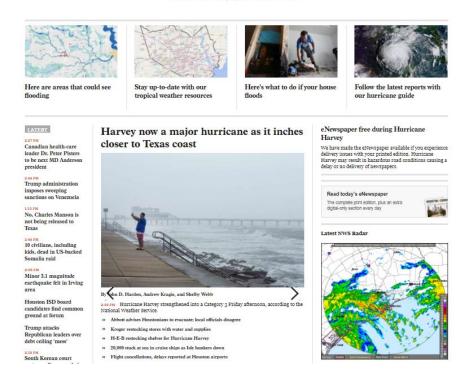
Harvey killed 75 people, flooded hundreds of thousands of homes and caused more than \$180 billion in damage. The Houston Chronicle put its entire 200-member staff on the story as the crisis unfolded over a full week. Because so many roads were under water, many of the Chronicle's reporters, editors, photographers and web producers could not get to the office. Instead, they fanned out across the region, relying on wit and will to move around and post stories, pictures and video on social media and the Chronicle's web platforms. Some reported even as their own homes were evacuated or encircled by water. Some hitched rides on rescuers' ATVs and small boats. Others waded into the floodwaters, braving snakes and swarms of fire ants. As a community service, the Chronicle distributed the paper for free (when roads were open), delivering 50,000 copies to shelters. It also lifted the paywall on its subscription website.

Here is how the storm, and the coverage, unfolded.

FRIDAY, AUG. 25

As Hurricane Harvey roars toward the Texas coast, the Chronicle publishes 158 stories on its twin sites, chron.com and HoustonChronicle.com. A Hurricane Guide offers weather updates and information on the storm's projected path, areas expected to flood and how to prepare.

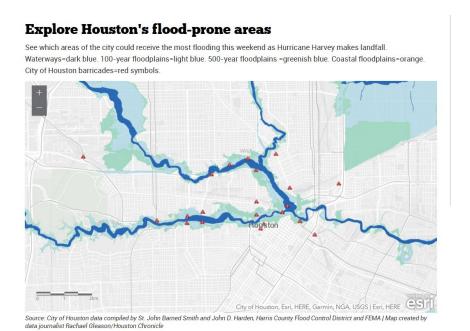
HOUSTON CHRONICLE



Your Safety Is Important To Us

To help you and your family remain safe, we are making **HoustonChronicle.com** free to the public.

Visit our **Hurricane Information Center** for up-to-the minute news on the storm!



SATURDAY, AUG. 26

Reporters, editors and digital producers update a running main bar and other stories 37 times through the night as Harvey makes landfall in Corpus Christi. Social media posts capture the devastation along the Texas coast.

Hurricane Harvey comes ashore, hitting north of Corpus Christi

Category 4 storm causes coastal flooding and Houston rain



By Mark Collette, John D. Harden, Andrew Kragie, and Brooke A. Lewis

144AM Harvey roared into Texas north of Corpus Christi as the most powerful hurricane to strike Texas in 56 years, flooding low-lying coastal areas and leaving tens of thousands without power.

Flash flood warning issued as Hurricane Harvey's bands roll across Houston

Officials warn of heavy rains, severe flooding after storm hits landfall



By John D. Harden, Shelby Webb, and Brooke A. Lewis

7.36 AM Hurricane Harvey made landfall as a Category 4 storm late Friday night with 130 miles per hour winds. The storm weakened to Category 1 but its rains are now punishing the Houston area.



Houston Chronicle ② @HoustonChron ⋅ 26 Aug 2017

Photos show severe damage in Corpus Christi in wake of Hurricane Harvey



Photos show severe damage in Corpus Christi in wake of Hurricane ...

The Coastal Bend was hit hard by Hurricane Harvey overnight, and the damage was evident Saturday to area residents who saw flooding, downe...

chron.com

Storms and tornadoes blitz the Houston region ahead of Harvey's arrival.



The first band of rain arrives Saturday night, and the Chronicle notifies readers at 9:26 p.m.: "NWS issues most dire alert on TS Harvey."



SUNDAY, AUG. 27

Harvey arrives in Houston in earnest, and with devastating effect. Forecasters' worst fears are realized as the storm stalls over the city and unleashes record-shattering rainfall. Soon, a third of Houston is underwater. Staff members turn to Facebook, Twitter, Instagram and Snapchat to report on the flooding and gather information from readers.



Even with a boat, it's hard to navigate Meyerland right now @HoustonChron #Harvey2017

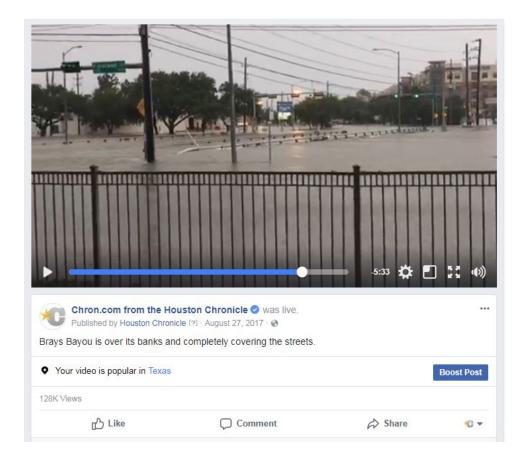


7:27 AM - 27 Aug 2017 from Houston, TX





7:27 AM - 27 Aug 2017



The Chronicle publishes more than 100 online stories on Sunday alone. A rolling main bar is updated 723 times over the course of the week.

Tropical Storm Harvey unleashes historic flooding in Houston area

By Lindsay Ellis, Houston Chronicle, Susan Carroll, Dug Begley, John D. Harden, Emily Foxhall, Keri Blakinger, St. John Barned-Smith, Lydia DePillis, Robert Morast, Rebecca Elliott, Matt Dempsey, and Jacob Carpenter

August 27, 2017 | Updated: August 27, 2017 11:58am

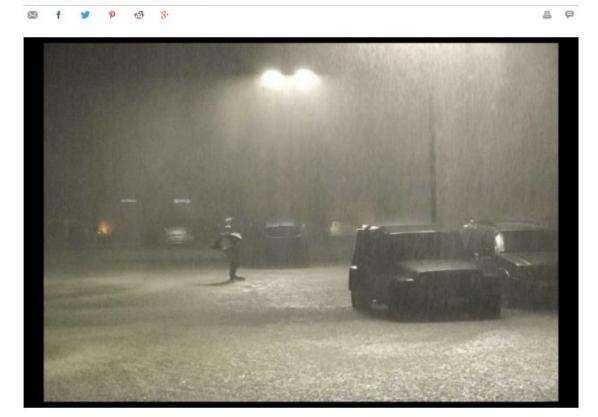


Photo: Elizabeth Conley, Houston Chronicle

IMAGE 1 OF 157

A resident makes her way in a flooded parking lot to get her car to higher ground as the rain continues to fall in Houston as a result of Hurricane Harvey on Saturday, August 26, 2017.

Tropical Storm Harvey officially became Houston's worst storm on record overnight, dumping heavy rains across the city and into overflowing bayous, leaving swaths of the city submerged in floodwater.

"It's catastrophic, unprecedented, epic -- whatever adjective you want to use," said Patrick Blood, a NWS meteorologist. "It's pretty horrible right now."

 $Brock\ Long, FEMA's\ administrator, said\ on\ CNN\ that\ Harvey\ is\ "a\ storm\ the\ United\ States\ has\ not\ seen\ yet."$

The federal government declared Harris County a disaster area Sunday morning, Congresswoman Shelia Jackson Lee said, calling the scope of damage in Houston "enormous." Texas Gov. Greg Abbott said boats and helicopters were being deployed to help with rescues. Harris County Judge Ed Emmett estimated there were more than 1,000 water rescues so far.

Editors launch a stream of vignettes from journalists in the field. Every Houstonian has a Harvey story, and the dozens of accounts provide a panoramic sense of the disaster.

Stranded on Shepherd Drive south of Alabama (10 a.m.)

Twee Price's cell phone rang.

"I am stranded," she said, her voice breaking.

She paced below a Chinese restaurant's awning just south of Alabama street on Shepherd Drive. There, a few red bricks remained dry, inches above the pooling streets. Her car sat in the nearby intersection, water lapping at its wheels.

Price, 42, was trying to take surface roads to her home in Pearland, when her white Chevy stalled, then stopped.

"I may have to just walk home," she said into the phone. "I'm tired as hell." She hung up and waded into the street and popped the trunk. Price tucked a rainbow and clear umbrella under her arm and held her purse tight. She closed the trunk and walked north, calf-deep, away from the white car.

-- Lindsay Ellis

Water rescuers from Austin: 'Someone had to step up' (Posted 7:12 p.m.)

Late Saturday, hours before Houston officials put out the call for help with flooding evacuations, Chris Romme was on the roads with three buddies. And their boats.

"We were watching the fight and knew it was getting bad," said Romme, 32, an Austin tech engineer and avid fisherman. "After a friend called from Houston and said they didn't have enough boats to get everyone out, we just packed up, got our boats and gear and headed out."

"Someone had to step up," he said. "You just know, sir, when you gotta go."
Romme, an Army veteran who was trained in water rescues, said by phone
Sunday afternoon that even before their truck-and-boat caravan reached
Houston, they were diverted by a deputy near Katy to help get two families out
of their inundated cars, using Romme's Ford F-350 pickup, the truck he calls
'My Big Boy'."

Then, Romme was sent south -- "some place, I don't even know where it was. I just followed the officer" — with his boat to help rescue "a senior lady with three dogs."

His friends and their boat headed on to Houston, where they reported by late in the afternoon that they were assisting fire and rescue officials get residents away from rising floodwaters. Romme said he was working with EMS and fire officials at various locations in South Houston.

"I've done five or six," he said by phone. "Pretty much everywhere is underwater. And it's still raining."

He said a number of other private boats were also at work assisting Houston victims.

"This is Texas. You step up to help when you're needed," he said, asking a reporter to "please put my name in your story so my boss will know why probably won't be at work tomorrow."

-Mike Ward

The best of the coverage is curated and printed in the next morning's newspaper.



Swamped by Harvey

It's not over yet: 6 are believed to be dead, thousands flee their homes in widespread catastrophic flooding

BY SUSAN CARROLL, JOHN D. HARDEN AND DUG BEGLEY

Tropical Storm Harvey unleashed the worst flooding in Houston history, dumping as much as 29 inches of rain in some areas over two days, sending bayous over their banks and leaving neighborhoods across the Houston area deep in floodwaters.

Thousands of people abandoned their inundated homes and apartments by boat, helicopter and by foot, carrying children, pets and plastic bags full of belongings. At least six people are believed to have died in the storm, according to the National Weather Service, and more than a dozen were treated for injuries.

And the worst may be yet to come.

"It's catastrophic, unprecedented, epic — whatever adjective you want to use," said Patrick Blood, a National Weather Service meteorologist.

SEE ITEM NO. 2 IN THIS ENTRY FOR THE FULL STORY

MONDAY, AUG. 28

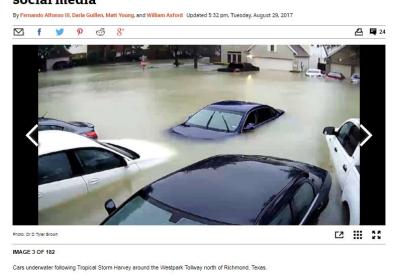
Live updates continue through the night as Harvey swamps the nation's fourth largest city. On social media, photographers post images of the devastation, reporters break news and readers share their stories.





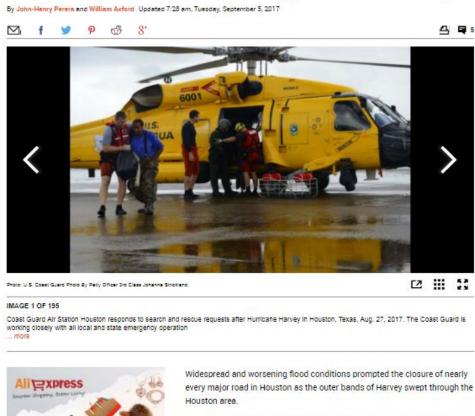
Houston residents share Hurricane Harvey photos on social media

148 🔘 64



A reader service team publishes live updates throughout the day on weather forecasts, road closures, shelter locations, power outages, school closures, the status of medical facilities and lists of grocery stores and restaurants that are still open.

Houston-area roads closed during Hurricane Harvey



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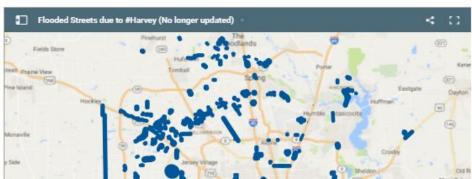
As of 7 a.m., Houston Tran Star is logging 39 high-water road closures in the area. At its worst point, these included entire sections of Interstate 10, I-45, I-610, I-69, US 290, Texas 225, Texas 288, Beltway 8 and Texas 3 in Galveston.

Even on roads that are not completely closed off, officials warn that you should avoid those areas.

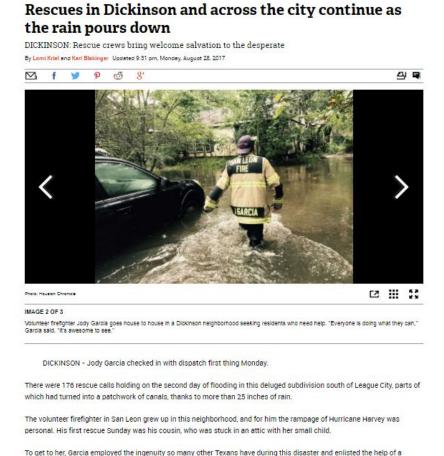
Here are some of the high water spots as reported by Houston Transtar:

Help us track flooded streets in Houston

Click here to help us crowdsource the map.



Reporters and photographers capture gripping accounts of high-water rescues.



SEE ITEM NO. 4 IN THIS ENTRY FOR THE FULL STORY

stranger he found on the side of the road. Richard Robinson had a boat. Garcia had a truck. Together, they rescued more

than a hundred people on Sunday alone. Entire families were lifted into Robinson's small, gray dinghy.

A Chronicle staff member camped out at the emergency operations center reports on the state of Houston's two dams, the heart of the city's flood defenses. If they fail, thousands could die.



The Chronicle publishes 55 online stories on Tuesday. The next morning's print newspaper reflects the scale of the disaster.



Uncertainty engulfs region

Fears over rising rivers, levees that could fail

BY SUSAN CARROLL, JOHN D. HARDEN AND DUG BEGLEY

With the Houston area under water for the third straight day, emergency crews rescued thousands of people with boats and helicopters as suburban leaders ordered massive evacuations over fears that levees would give way under the force of flooded waterways.

Much of Fort Bend and Brazoria counties were evacuated as the rain-swollen Brazos River was expected to approach historic flood levels Tuesday, and two subdivisions in north Harris County were evacuated late Monday amid similar concerns over aging levies.

Rains, sometimes heavy, are expected to continue throughout the area perhaps into next week, reaching up to 50 inches over the upper Texas coast, including the Houston-Galveston area.

"This is a landmark event," said Federal Emergency Management Agency Administrator Brock Long after making a plea for help from the public. "We have not seen an event like this. You could not dream this forecast up."

SEE ITEM NO. 3 IN THIS ENTRY FOR THE FULL STORY

TUESDAY, AUG. 29

As the rain continues unabated, entire neighborhoods are inundated, displacing tens of thousands of people. Shelters are overwhelmed. Chronicle photographers board boats to document water rescues.



Mark Mulligan 🧇

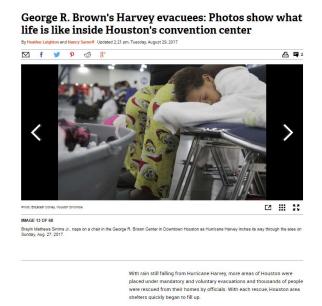


2/2 Aven has autism Clinging to dad, Abel, as they race for dry land at HEB at Blackhawk and 8 #Harvey @HoustonChron



9:49 AM - 29 Aug 2017 from Houston, TX

Reporters file stories from shelters, which are overflowing and short on supplies.





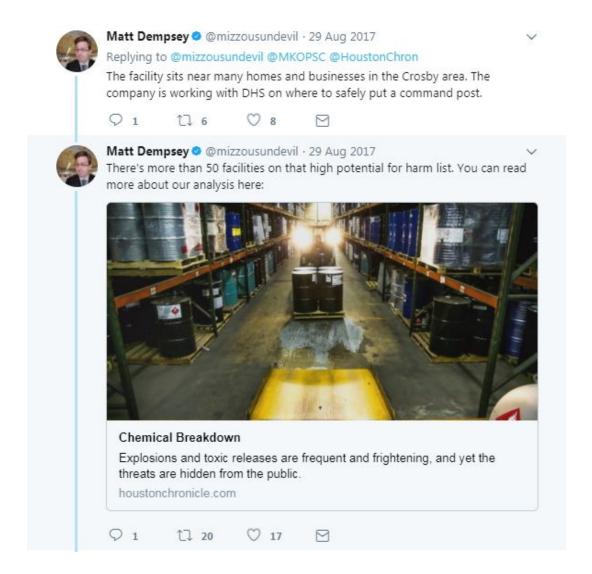
12:36 PM - 29 Aug 2017 from George R. Brown Convention Center

The Chronicle is first to report that the Arkema chemical plant near Houston has flooded, creating a risk of devastating explosions. The coverage is anchored by Matt Dempsey, who co-wrote a series of articles a year earlier on the hazards posed by Houston's petrochemical complex.



The Arkema facility was given a high potential for harm in a 2016 analysis by @MKOPSC and the @HoustonChron

6:18 PM - 29 Aug 2017



The Chronicle is first to report the drowning death of a Houston police officer.



The Chronicle photo department hires a helicopter to capture still and video images of the flooded city. Later, the paper flies its drone, operated by a staff photographer who is an FAA-certified drone pilot, over scenes of the devastation.

Harvey's Houston from above: Aerial photos show extreme flooding in Bayou City







Stories of valiant rescues, perilous evacuations and the mounting death toll become the next morning's front-page news.



Epic flooding shows no mercy

Communities under water forced to flee

BY SUSAN CARROLL, JOHN D. HARDEN AND DUG BEGLEY

For days, the greatest risk from Tropical Storm Harvey for the Houston region seemed to come from the sky — with more than one trillion gallons of rainfall inundating creeks, bayous and rivers and eventually the dams designed to protect the heart of the city.

But Tuesday morning, the overriding threat became flooding so severe that stormwater poured from towering reservoirs and threatened levees. Swollen creeks fed into flooded bayous that poured into overflowing lakes, all of which had only one way out — the Gulf of Mexico, with fierce currents pushing inland.

"Get out now," Brazoria County officials tweeted Tuesday after a levee holding back the Brazos River breached at Columbia Lakes.

The region's flooding triggered a fresh round of evacuations, emptying out neighborhoods from Kingwood in the northeast down to communities along the banks of the Brazos River southwest of the city. By Tuesday night, Houston was under a mandatory curfew and nearly 30 percent of Harris County was underwater — roughly the size of the city of Austin.

The four-day toll in the Houston region was devastating. Tens of thousands of people displaced, hundreds of neighborhoods evacuated and a climbing death toll that had reached at least 24 people for the Houston-Galveston area by late Tuesday night.

SEE **ITEM NO. 5 IN THIS ENTRY** FOR THE FULL STORY

WEDNESDAY, AUG. 30

The entire Chronicle staff remains on duty for the fourth day in a row. To prevent a dam failure, the U.S. Army Corps of Engineers releases huge quantities of water from Addicks and Barker reservoirs into an already flooded city, swamping thousands more homes. The death toll reaches 18.



Houston Chronicle ② @HoustonChron ⋅ 30 Aug 2017 Value of the valu



Is it safe to drive to Houston after Hurricane Harvey? Here are the ro...

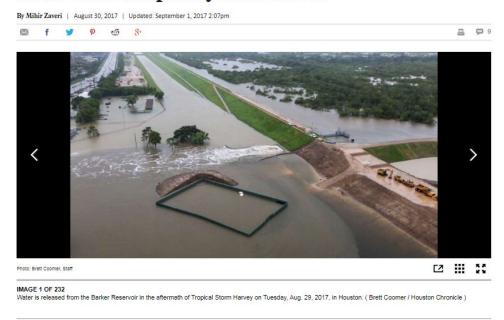
Many of Houston residents are wondering if it's safe for them to head back into the city from Dallas, Austin, Lufkin, San Antonio and other cities in chron.com





Van with six drowned family members found near Greens Bayou
Six members of a Houston family - including four children - have apparently
been found, apparently still trapped in their van in Greens Bayou, Harris ...
chron.com

Water from 2 reservoirs will swell Buffalo Bayou; crews build temporary dam on I-10

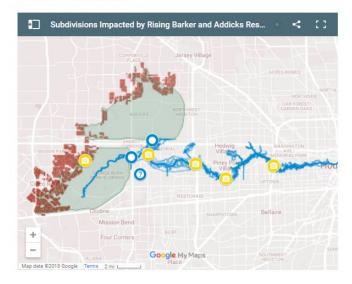


Releases from the Addicks and Barker dams sent floodwaters into an already swollen Buffalo Bayou, which was flooding thousands of Harris County homes Wednesday as officials rushed to relieve pressure on the 70-year-old reservoirs intended to protect the sprawling city downstream.

Interactives explain how the two Army Corps dams are designed to keep Houston safe.

How Addicks, Barker dams are supposed to work

Water flows downward into creeks and streams in Addicks and Barker watersheds, kept behind large earthen dams. The dams control flow into Buffalo Bayou, which keeps downtown Houston from flooding. Too much water on both sides, and the flow is impacted. That's complicated by the Houston Ship Channel, which is actually pushing water into Buffalo Bayou backwards. This week rising pool levels in Barker Reservoir and Addicks Reservoir spilled over into adjacent subdivisions that sit against the dams, shown below.



Again, the best of the coverage is showcased in the next morning's newspaper.



Threats rise from reservoirs, rivers

As sun finally returns, a devastated region tallies the damage

BY SUSAN CARROLL, DUG BEGLEY AND SHELBY WEBB

Even as large parts of the city came back to life Wednesday, much of the Houston area remained in crisis as worsening conditions around a reservoir sent more water pouring into thousands of homes in west Harris County and rising river levels threatened thousands more to the south and east.

People who ventured out found shorter lines at gas stations, fresh milk on grocery store shelves and an Astros game planned for Saturday. But to the west of Houston, emergency crews struggled with overflowing dams, trying to stop water from pouring into homes and flooding Interstate 10 - one of the state's major arteries.

SEE ITEM NO. 6 FOR THE FULL STORY

Harvey fatalities

The worst is confirmed after bodies of 6 family members are found in submerged van

BY GABRIELLE BANKS, LINDSAY ELLIS AND CINDY GEORGE

Mona Saldivar watched from Green River Drive on a muggy Wednesday morning as authorities tugged a white work van from the murky Greens Bayou.

She'd held out hope that perhaps the van didn't contain the bodies of her loved ones, that maybe they were safe somewhere.

Then authorities confirmed the unfathomable: The bodies of Saldivar's four children, ages 6 to 16, and their paternal great-grandparents were inside the van. A relative trying to transport the six away from rising floodwaters on Sunday afternoon instead drove into high water, which swept the vehicle off the road. The relative escaped the van but was unable to save the others.

"This is like the hardest thing that anybody would ever go through," Mona Saldivar said by phone later. She declined to discuss the events that led to the tragedy.

SEE ITEM NO. 7 FOR THE FULL STORY

THURSDAY, AUG. 31

Explosions rock the Arkema chemical plant, sending a plume of black smoke above a residential community. Harvey's flood waters had cut the power needed to keep volatile compounds at cool temperatures. The Chronicle had reported on this possibility two days earlier, and as conditions at the plant deteriorated, reporter Keri Blakinger was sent to the area to stand watch.



4:45 AM - 31 Aug 2017



The multiple popping sounds heard this morning were containers w/in one van. Other eight have not combusted.



Blakinger is joined by Matt Dempsey, the original reporter on the Arkema story. The two dig for details of the plant's chemical inventory and provide live updates.



The company says it will provide the Tier 2 to me. I have not seen the latest one yet though

5:09 PM - 31 Aug 2017

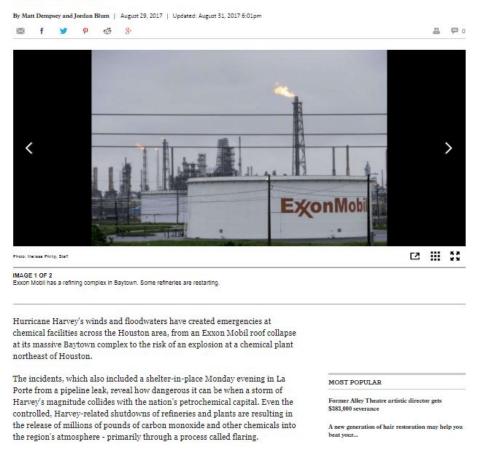


@FEMA? "incredibly dangerous"

7:04 PM - 31 Aug 2017

By Thursday, the Chronicle has published 14 stories on the Arkema plant since Harvey hit Houston. Reporters update Thursday's live story 47 times. Additional stories and interactives reveal the danger of living in the capital of the nation's petrochemical industry.

Chemical facilities face danger during Harvey shutdowns







Crawling from crisis toward painful recovery

Thousands in region begin process that could take years





Harvey's havoc

Chemical blasts: Round-the-clock watch begins after first of nine failing trailer units explodes

BY MATT DEMPSEY, KERI BLAKINGER AND LINDSAY ELLIS

The first of nine failing freezer trailers filled with volatile chemicals exploded early Thursday at the problem-plagued Arkema plant in Crosby, sending a plume of black smoke into the community east of Houston and setting off a round-the-clock watch for inevitable explosions to come.

The initial blast about 1 a.m. Thursday sent 15 Harris County sheriff's deputies to the hospital after they inhaled fumes and got smoke in their eyes, but all were discharged by Thursday afternoon.

Crosby officials had been bracing for days for explosions at the plant after six feet of floodwaters from Hurricane Harvey knocked out power and generators needed to keep the volatile organic peroxides — used in making plastics and rubber — stored at the facility cool. The chemicals explode if they get too warm, officials said.

The explosion left unanswered questions about how contingency plans failed to keep the chemicals cool and how dangerous the fallout could be to a sprawling metropolitan area recovering from the biggest rain event in continental U.S. history.

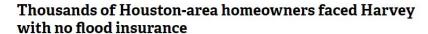
SEE ITEM NO. 8 FOR THE FULL STORY

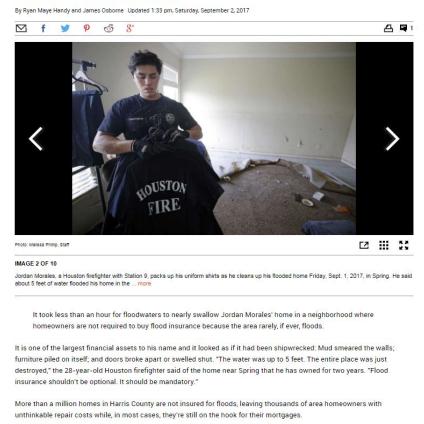
FRIDAY, SEPT. 1

Houston becomes a tale of two cities — one still flooded, one starting to return to life. The online report focuses on efforts to help residents get back on their feet.









An infographic in the next day's newspaper breaks down Harvey by the numbers: 1 trillion gallons of rain, 103 Red Cross shelters, 30,000 evacuees, 45 dead — and counting.





As the skies clear, gritty labor continues

"It just gets worse": Families pick up pieces amid push for a return to norm





HollyHall

Special delivery

Family's evacuation made more harrowing as mom goes into labor

BY JENNY DEAM

When the contractions started, water was knee-deep and rising in the pretty brick house on Saffron Lane.

Nacole Myers, a nurse, knew she was in labor in those early hours Sunday. She had two little boys already. But she thought if she could just relax on the bed next to where they slept, maybe work on her breathing, she could keep the baby from coming. She wasn't due for a few more days.

She didn't tell her husband, Kevin, about the pain. At least not then. He was outside, keeping his own secret. Their street, their yard, their driveway in the Friendswood subdivision called Forest Bend had become an angry river. He watched a neighbor's portable basketball hoop get swallowed whole.

Earlier, they had talked about evacuation. The emergency alerts were blasting from their phones every few minutes. They packed some clothes and medicine, just in case. They grabbed their 3-year-old's stuffed wolf and the cellphone on which their 6-year-old played games. When the water began to slosh into the garage, Kevin loaded a generator, along with their Siberian husky named Shilo, into the back of the truck he had put up on blocks.

But it was like going through the motions, neither of them quite believing what was happening.

Then, suddenly, the water was in the house. Kevin switched off the power as it reached the electric sockets. Nacole timed her contractions by the clock on her cellphone. By the time the Friendswood police boats began appearing on their street, around dawn, they were five minutes apart.

Kevin half-stumbled, half-swam out to flag down a crowded boat for help.

"Go back," the people hollered, trying to keep him safe. "We'll be back."

"Y'all better hurry," he called into the rain. But they couldn't hear. In the distance there were others, screaming for help.

SEE ITEM NO. 9 FOR THE FULL STORY

SATURDAY, SEPT. 2

As floodwaters start to recede, the extent of Harvey's destruction comes into view. More than 10,000 public school students have been displaced, toxic waste sites have been flooded and FEMA has been overwhelmed by 507,000 applications for assistance.













President Trump makes unplanned stop to visit homes along Scarsdale Blvd were street corners filled with damaged furniture #Harvey



3:38 PM - 2 Sep 2017

Trump visits Houston as comforter-in-chief

On second trip to Lone Star State, he visits families, helps hand out lunches

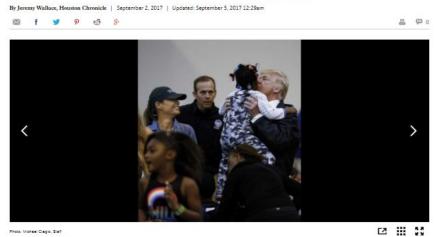


IMAGE 1 OF 50
President Donald Trump kisses a child while visiting Tropical Storm Harvey evacuees at NRG Center with his wife, Melania

President Donald Trump tried on the role of comforter-in-chief during a three-hour visit to Houston on Saturday, visiting displaced families, touring waterlogged neighborhoods and, at one point, helping Red Cross volunteers hand out boxed lunches at the NRG Center.

The president, dressed in khakis and a black windbreaker, hugged a baby and played with children displaced from their homes at NRG, which has become one of the area's biggest disaster shelters in the aftermath of Hurricane Harvey's record rainfalls and catastrophic flooding.

"They were just happy," Trump said of the kids. "You see a lot of happiness. It's really been nice. It's been a wonderful thing. As tough as this was it's been a wonderful thing - I think even for the country to watch, the world to watch."

When Air Force One landed at Ellington Airport shortly after 11 a.m., Trump shook Mayor Sylvester Turner's hand and spent nearly two minutes in conversation with the first-term Democrat. Trump also repeatedly praised Gov. Greg Abbott, a Republican, and his office's response to the crisis.



In the early days of the disaster, three Chronicle reporters — Mike Hixenbaugh, David Hunn and Mark Collette — were dispatched to find emblematic stories of Houston's week-long ordeal. Their 5,760-word narrative, "51 Inches," dominates HoustonChronicle.com and the newspaper's Sunday front page on Sept. 3, describing how five people from different walks of life survived one of America's worst natural disasters.



51 Inches

Terror, heartbreak and heroism: Five Houstonians brave one of America's worst storms

BY MIKE HIXENBAUGH, DAVID HUNN AND MARK COLLETE

In the middle of the night on Aug. 13, a mass of swirling air blew off the coast of Africa, more than 5,000 miles from Texas.

Four days later, Eric Berger, a Houston meteorologist, awoke to a bulletin from the National Hurricane Center. A growing storm cluster was moving toward the Caribbean Sea. Some of the early tracking models showed it could come to the U.S. Gulf Coast, but more likely, the system would sputter and die.

Berger didn't post anything that morning on Space City Weather, the forecasting blog he runs from his home in League City. No need to worry people just yet. Instead, he drove his 13-year-old daughter to the dentist to have her braces adjusted.

Across town, Ajshay James, a single mom, was sending emails about a potential investment property and hoping to get her almost-2-year-old daughter into a school for children with special needs; Mustafa Herby, an Iraqi refugee, was designing a 3D model for a garden bed to be built at Rice University; Michael Arceneaux and his wife were getting ready to take their daughters back-to-school shopping; Erick Ellis was under the hood of a 2003 Chevy Tahoe, fixing an A/C compressor.

Five people in a region of more than six million, all of them oblivious.

They couldn't have known that a low pressure system in the Atlantic would, over the next week, grow into the fiercest hurricane to hit Texas in four decades.

That it would stall over Houston and dump 51.88 inches of rain at Cedar Bayou in West Harris County, more than any storm in U.S. history.

That it would fill 50,000 homes with water, kill four dozen people and test the resolve of America's fourth-biggest city.

SEE ITEM NO. 10 FOR THE FULL STORY

HoustonChronicle.com/51inches

Fifty-one inches: Terror, heartbreak and heroism as five souls brave the worst storm in U.S. history

Story by Mike Hixenbaugh, David Hunn and Mark Collette Multimedia by Mark Mulligan and Michael Ciaglo

Published: Sept. 2, 2017









