



# USTS AND NATURAL DISASTERS

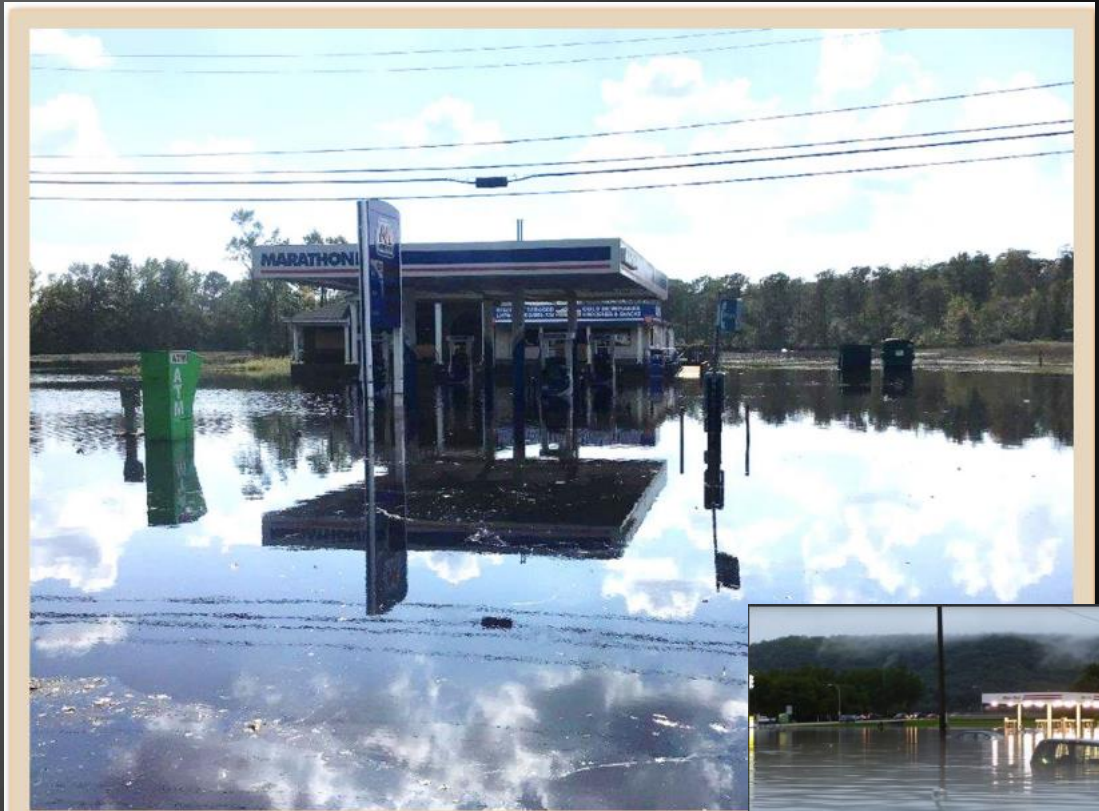
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2022 NATIONAL TANKS CONFERENCE

# FLOODING

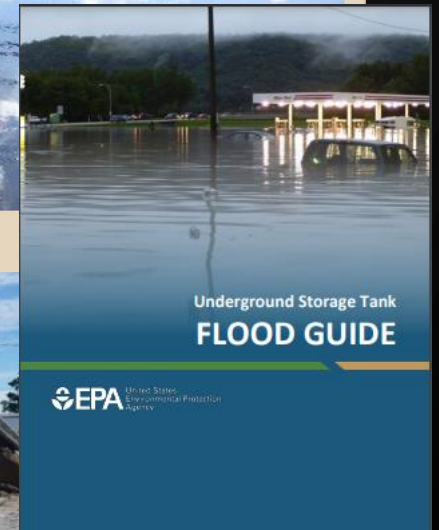
- Effects of Flooding on UST Systems
  - Buoyancy
  - Erosion & Scour
  - Product Displacement
  - Electrical Damage
  - Inability to Locate UST
- EPA's [Flood Guide](http://www.epa.gov/sites/default/files/2014-03/documents/ustfloodguide.pdf) [www.epa.gov/sites/default/files/2014-03/documents/ustfloodguide.pdf](http://www.epa.gov/sites/default/files/2014-03/documents/ustfloodguide.pdf)
  - Resource for UST owners and operators
  - Preparation and Response
  - Inclusive of aboveground storage tank information



Flooded gas station after Hurricane Florence. Credit: EPA



Examples of USTs affected by buoyancy. Hurricane Matthew, 2016. Credit: NCDEQ



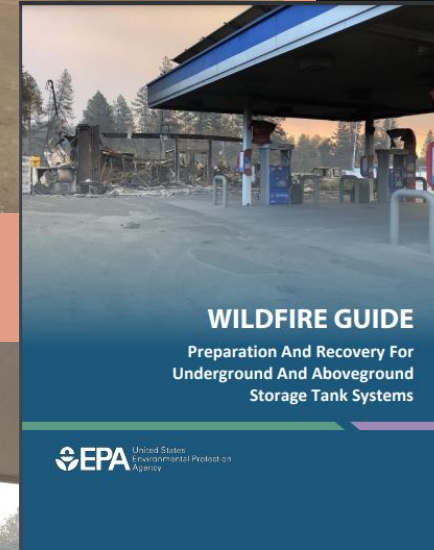
# WILDFIRES

- Begin suddenly and can move quickly.
- According to data posted by the [NATIONAL INTERAGENCY FIRE CENTER](#)— in 2022, over 6 million acres has been claimed by wildfire.
- Even if damage to the UST system is not readily visible, take steps to ensure no underlying concern.
  - Checklists provided in the [wildfire guide](#).  
<https://www.Epa.Gov/ust/wildfire-guide-preparation-and-recovery-underground-and-aboveground-storage-tank-systems>



2020, Creek Fire, CA.

Credit: Great Falls Tribune



2018 Camp Fire, CA

11/29/2021: Report Cover, US Dept of Interior, Office of Wildland Fire



# DROUGHT

- Impact on remediation systems
- Potential increase in contaminant concentration
- Subsidence and sink holes
- Remedial project managers and UST inspectors in drought prone areas should be thinking about how to respond to changing conditions.
- To understand the potential risk for wildfires, explore the [U.S. Drought Monitor](https://droughtmonitor.unl.edu) ([droughtmonitor.Unl.Edu](https://droughtmonitor.unl.edu)) which provides weekly updates monitoring drought in the United States

Map released: September 1, 2022  
Data valid: August 30, 2022

