

Operating Drones In Extreme Weather



WxChasing - Brandon Clement

About WxChasing & Brandon Clement



- Based near Jackson, MS
- Been flying drones for over 10 years and thousands of flight hours
- Owner of multiple companies in the media sector
- Work has been featured in many documentaries



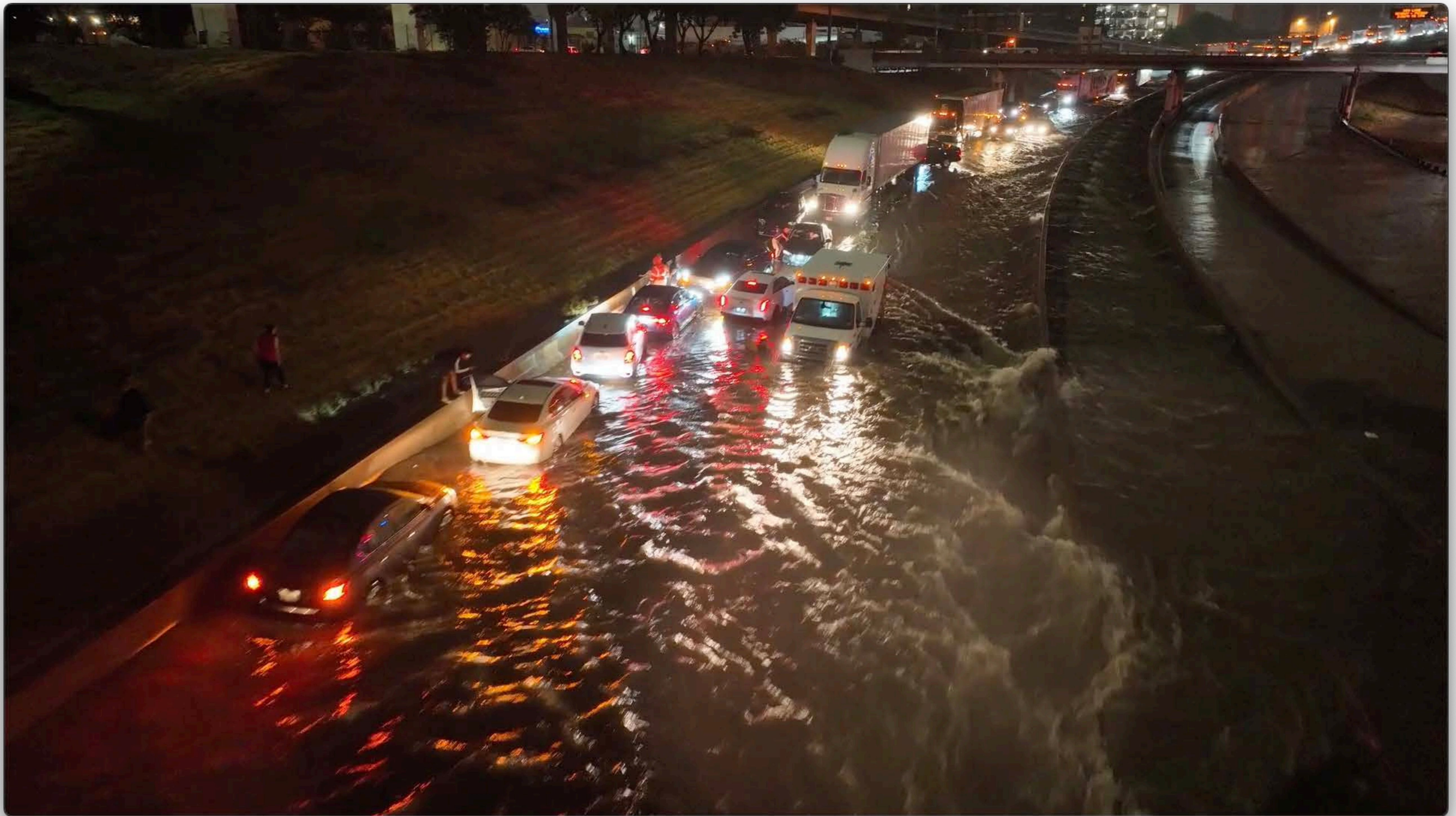
You can reach me at brandon@wxchasing.com.

Types Of Disasters I Operate In

- Tropical systems/hurricanes
- Flooding
- Tornadoes/severe weather
- Volcanoes
- Blizzards/snow storms
- Ice Storms
- Wildfires







Operational Benefits Of Drones In Winter Weather Scenarios



- Gives you a birds-eye view of who and what is having issues.
- Ability to pinpoint people who are trapped in areas that are not accessible by vehicle due to the current conditions of the roads.
- It is easier to pick out targets in snow...as long as they are not white.



Utilizing Drones In Disasters

- There are a few things to keep in mind:
 - It is easier said than done
 - The disaster can affect where and when you can fly
 - Today's drones are smart...but they still need a good operator behind the controls
 - Your presence can cause unwanted attention in some cases
 - Good pre-planning can aid the success of your operation





Difficulties Operating Drones In Extreme Weather

- Wind...lots of wind
- Rain and drones don't mix too well
- Freezing spray off of the ocean doesn't mix too well either
- Hail that can take out your drone
- Temporary Flight Restrictions (TFRs)





Questions?

If you didn't have a chance to ask a question, please reach out to me at brandon@wxchasing.com.

