

The background is a solid blue color with a repeating pattern of white, stylized evergreen tree branches. The trees are arranged in a grid-like fashion, with some appearing larger and more detailed than others, creating a subtle, textured effect.

# Winter Weather Discussion

# Winter Weather

- › Ice Storm Case Studies
  - Central Texas Ice 2023
  - Winter Storm Uri 2021
- › Public Safety Concerns
- › Discussion
  - Temperature Data to Make Decisions

# Central Texas Ice 2023



Photos borrowed from NWS New Braunfels; courtesy of Pedernales Electric Coop and Austin Disaster Relief Network

# Central Texas Ice 2023

- › Austin's Camp Mabry reported 0.69" ice accumulation
- › Austin Energy used V-cuts for vegetation management
- › Tree damage due to ice, previous winters, and drought
- › More than 400,000 Texans lost power
- › Worst icing event in Central Texas in more than 15 years

# Winter Storm Uri



- › Feb. 11, 2021, Interstate Crash on 35W in FW
- › 130 vehicles
- › 6 died & dozens injured

# Winter Storm Uri Temperature Records

## KDFW: DFW Airport

Date	Max / Min Temps	Records Broken
Feb 14, 2021	<b>22 / 9</b>	Record Low Temp of 9 degrees (Previous: 15 in 1936 and 1909) <i>Record Snowfall of 4" (Previous: 3.0" in 1935)</i> Record Low Max/High Temp of 22 degrees (Previous: 27 in 1951)
Feb 15, 2021	<b>14 / 4</b>	Record Low Temp of 4 degrees (Previous: 15 in 1909) Record Low Max/High Temp of 14 degrees (Previous: 31 in 1909)
Feb 16, 2021	<b>18 / -2</b>	Record Low Temp of -2 degrees (Previous: 12 in 1903) Record Low Max/High Temp of 18 degrees (Previous: 21 in 1903)
Feb 17, 2021	<b>27 / 18</b>	Tied Record Low Max/High Temp of 27 degrees (Previous 1936 and 1910)

# Winter Storm Uri

- › 246 Deaths\* (could be as high as 750)
- › 69% (more than 2/3rds) of Texans lost power at some point during the 6 days
- › Average disruption 42 hours in total
- › 49% of Texans lost running water
- › Average disruption was 52 hours
- › Compounding Factors: COVID supply chain disruptions already impacted plants & transportation, water shortages, gas curtailment requests, and more

# Winter Storm Uri Public Communication

## WINTER WEATHER UPDATE

- EARLY CLOSINGS
- LATE OPENINGS



## MUNICIPAL FACILITY CLOSING UPDATE

Closure Of Nonessential  
Facilities Extended  
Through Friday



## PROTECT:

- PETS
- PIPES
- PLANTS



## NATURAL GAS CONSERVATION REQUESTED

- Atmos Energy reports unprecedented demand.
- Recommends lowering thermostats to 68 and lowering water heater temperatures.
- Recommends waiting 10 to 15 minutes before restarting furnaces after a power outage.



## POWER OUTAGE

Rotating Outages  
In Effect



4-WAY STOP AT  
INTERSECTIONS  
WHERE TRAFFIC  
LIGHTS ARE OUT





# Winter Storm Uri Public Communication



## WINTER WEATHER REPAIRS



### **My water was cut off. What do I do now?**

Due to the severe winter weather, the main water line serving your residence or business was turned off at the city meter. Please make sure to turn on all fixtures and leave them in the "on" or "open" position. Once your pipe thaws this will allow water to flow freely.

### **Who do I contact about my water damage?**

You will need to contact your insurance company. Most homeowner insurance policies cover sudden and accidental water damage. The Texas Department of Insurance (TDI) can help you locate your agent or insurance company. Call TDI's Consumer Help Line at **800-252-3439** for assistance.

### **How do I find a plumber?**

If you need plumbing work done, contact a state licensed plumber for a repair or an evaluation on any impacted plumbing systems. The State Board of Plumbing Examiners provides a Responsible Master Plumber List at <https://vo.licensing.hpc.texas.gov/datamart/seiSearchType.do>. A company offering/contracting plumbing services to the public must secure the services of at least one Responsible Master Plumber and have a current certificate of insurance on file with this agency.

Additionally, the City of Richardson requires all contractors to register with the city. This list can be found at <http://discovery.cor.gov/Public/BI/Contractors.nsf/Main.xsp>.

### **Are building permits required?**

Building permits for repairs will be required in most cases. Please note permit fees related to repairs resulting from the severe winter storm will be waived. The online building permit portal allows plumbing contractors to obtain a permit anytime at [www.cor.net/departments/building-inspection/online-permits](http://www.cor.net/departments/building-inspection/online-permits). Permit forms are available at [www.cor.net/departments/building-inspection/pdf-forms](http://www.cor.net/departments/building-inspection/pdf-forms).

You may also submit the permit via e-mail at [permits@cor.gov](mailto:permits@cor.gov). Contact Building Inspection staff at **972-744-4180** if you have any questions.

### **How do I schedule an inspection?**

Building permits for storm repairs require inspections. Inspections are typically conducted from 8 a.m.-5 p.m. Monday-Friday. Inspection requests may be requested online any time at <https://discovery.cor.gov/public/permits/permitinquiry.nsf/inspectionindex.html> or via phone at **972-744-4180** during normal operating hours.

To assist with expediting repairs, after-hours inspections will be provided during the week and on the weekend. Please contact **972-744-4111** to schedule an after-hours inspection.

# HOW TO TURN OFF YOUR WATER

Call 24-hour Response Center at **972-744-4111**  
(IF YOU CAN'T WAIT - DO THE FOLLOWING)

- **First, check to see if you have a private shut-off valve. Usually located next to the house.**
- **Due to the Winter Weather Emergency, if you do not have a private shut-off valve, use the shut-off valve located at the meter.**
- **If all else fails, ask a neighbor or someone in your neighborhood for help. Someone will likely have a key or tool that will work.**



RICHARDSON  
TEXAS

# Winter Storm Uri Public Communication



## Winter Weather Debris Removal

On Monday Feb. 22, 2021, City crews will begin trash, recycling and Brush and Bulky Item Collection (BABIC) service following the recent winter weather event.

### Item Disposal

Drywall, insulation, PVC pipes or other water damaged materials should be placed in black trash bags.



Place in regular trash collection point



### Large Drywall

Larger pieces of material such as drywall should be broken down into smaller pieces and placed in trash bags.

Residents who have too much debris to fit in garbage bags can request a Rent-A-Bin.

### Free Rent-A-Bins Available

Residents may request an 8-yard Rent-A-Bin for one-week at no charge. Requests are on a first-come, first-served basis.

List of Acceptable Items - [www.cor.net/BABIC](http://www.cor.net/BABIC)

### Request Rental

Call 972-744-4111 to reserve or for more information.



# TRASH - RECYCLING BABIC WILL RESUME MONDAY NEXT WEEK

Thank you for your patience  
and understanding.



## REPORT YOUR IMPACT


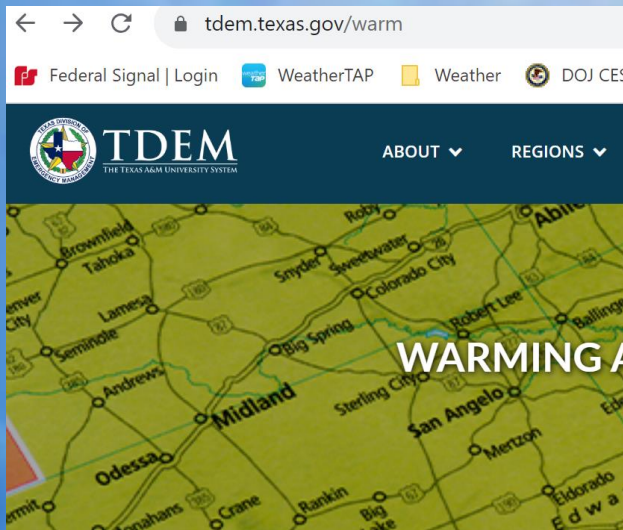
TEXAS DISASTER IMPACTS SELF-REPORTING TOOL  
VISIT: [TDEM.TEXAS.GOV/WARM](http://TDEM.TEXAS.GOV/WARM)

# Public Safety Concerns

- › Communication
- › Debris Management, Power Outages, Gas Curtailment, and... Grid Failure?
- › Wellness Checks
- › Travel Impacts
- › Proximity of Resources/Assistance
- › Warming Centers & Overnight Shelters

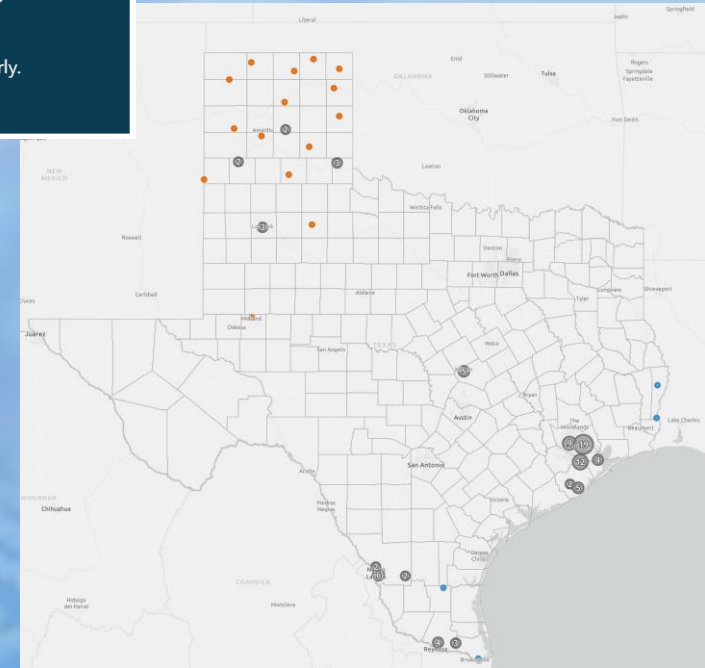
# Discussion

## › TDEM Warming Center/Overnight Shelter Reporting Process



### Texas Local Seasonal Relief Centers

This map was created from information provided by local and non-profit partner organizations and is not updated in real time. Call 2-1-1 for the latest information. For additional disaster information for your area contact your city or county office of emergency management. To download an Accessibility Spreadsheet of open Local Seasonal Relief Centers, [Click Here](#). This spreadsheet is updated hourly.

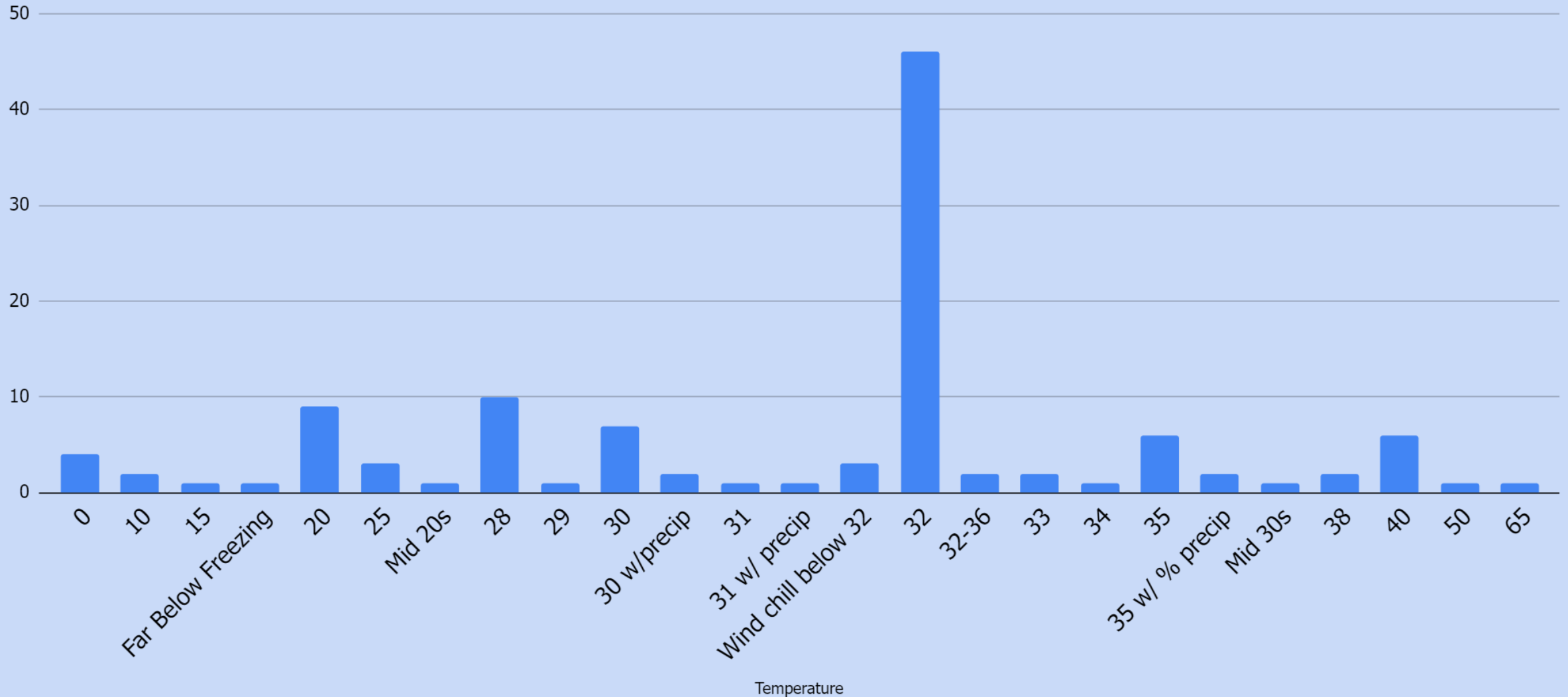


## Discussion

- › Temperature data/triggers for actions & decision-making?
- › Elements for successful response & recovery?

# Registration Responses: Thresholds

Temperatures of Interest



# Registration Responses: Actions

