

# Preparing For a Winter Storm



**Ready:** the time to make plans, prepare your vehicle or your home. Continue to monitor the forecast for changes and maintain a state of readiness.

**Set:** As the storm nears, consider making changes to your travel or schedule, even after the storm. Make sure you have needed supplies at home or in your vehicle. Continue to monitor and prepare.

**GO:** As the storm arrives, put your preparedness plans into action. Reduce or avoid travel, monitor local weather sources for new information. Make plans for recovery.





# 4 P'S OF FREEZE SAFETY

FREEZING TEMPERATURES AHEAD!

## ❄️ People ❄️ Pets ❄️ Plants ❄️ Pipes



Bring potted plants inside a shelter or in your garage.



Apply a thick layer of mulch around plants.



Water your plants. Water helps trap heat or slow heat loss around the plant.



Cover the plants. Use a sheet, box or container. Remember to uncover.

Credit: charlotte.ifas.ufl.edu



Check on your family, elderly and neighbors that may need help winterizing their home or a warm place to stay.



Bring pets indoors. Ensure adequate warmth for livestock.



Cover or insulate exposed pipes, including those pipes underneath raised homes.



NATIONAL WEATHER SERVICE  
Jackson, MS

# WINTER STORMS

## What Can I Do?

### Prepare Your Home



Make your home winter ready. Buy needed supplies before the storm arrives. Have a plan in case you lose power or are unable to leave your home.

### Prepare Your Vehicle



Make your vehicle weather ready. Be sure to include a safety kit, cold weather gear, and all the necessities you may need to deal with the storm ahead.

### Monitor Your Forecast



Stay up to date with the latest forecast information as the storm approaches, monitor your favorite source for weather information.

### Have A Plan



Before weather threatens, be sure to have a communications plan, change travel plans, and prepare for the impacts to your routine.

## Know The Terms

**Winter Storm Watch:** There is potential of a significant winter weather event. Conditions are possible but not imminent.

**Winter Weather Advisory:** Winter weather is imminent and may cause inconveniences.

**Winter Storm Warning:** A significant winter storm is imminent and is a danger to life and property.

**Blizzard Warning:** A significant winter storm with strong winds, snow, and low visibility is imminent and is a danger to life and property.

**Ice Storm Warning:** Dangerous ice accumulations are imminent







# Cold Temperatures and Tires

Have You Noticed This  
Warning Light in Your  
Vehicle Lately?



## DID YOU KNOW....

When Temperatures **FALL** ↓ Tire Pressure Also **DROPS** ↓

Cold waves can cause the air to contract inside your tire, lowering the pressure, thus setting off your TPMS in your vehicle.

## WHAT SHOULD YOU DO....

If your TPMS light comes on, immediately check your tire inflation, or have a dealer check it for you. Regularly check tire pressure monthly or as possible during periods of temperature fluctuations.

# Be Weather Ready on the Roads

## Be Sure to Check

- ✔ Car Battery
- ✔ Antifreeze
- ✔ Brakes
- ✔ Tires
- ✔ Heater
- ✔ Oil
- ✔ Exhaust System
- ✔ Wiper Blades
- ✔ Washer Fluid





Full Tank of Gas



First Aid Kit



Cellphone  
Charger



Flashlight



Water/Snacks



Ice Scraper  
Shovel



Boots/Gloves  
Blankets/Hats



Music/Games



You NEVER know when  
you will encounter a  
winter weather emergency  
or road closure



Jumper Cables



Tool Kit



Spare Batteries



Kitty Litter/Sand





# WINTER DRIVING

## *Mistakes to Avoid*

- ➔ Not Preparing Your Vehicle
- ➔ Driving Too Fast
- ➔ Following Too Closely
- ➔ Not Clearing Snow/Ice
- ➔ Driving Fatigued
- ➔ Allowing Distractions



 NATIONAL WEATHER SERVICE  
OCEANIC AND ATMOSPHERIC ADMINISTRATION



# Driving in Snow

## Time



Plan and Give Yourself Extra Time to Reach Your Destination

## Speed Limit

Follow the Speed Limit and Drive Slower if Conditions Require it.

Limit  
**55**

## Proper Distance

Keep a Safe Distance Between You and the Vehicle Ahead of You



## Lights On



Be Visible to Everyone On the Roads, and Use Your Lights. In Some States, It's the Law!

## Vehicle Maintenance



Ensure Tires, Windshield Wiper Blades, Lights, Horn, Heater, and Other Components of Your Vehicle are in Working Order



 NATIONAL WEATHER SERVICE  
OCEANIC AND ATMOSPHERIC ADMINISTRATION

[www.weather.gov/winter](http://www.weather.gov/winter)

# Stranded in a Winter Storm?

✓ Run the vehicle for 10 minutes/hour and crack window to let fresh air in. Make sure exhaust is not covered by snow.

✓ As you sit, keep moving arms/legs to continue circulation

✓ Do not eat snow, it will lower your body temperature.

✓ Huddle with others for warmth.

✓ Tie brightly colored cloth on your antenna, or raise hood of car (if not snowing) to raise awareness.

✓ Wrap your entire body, including your head in extra clothing/blankets

✓ Stay awake. You will be less vulnerable to the cold





# Where to find Weather Information?

<https://www.weather.gov/jan>

**NATIONAL WEATHER SERVICE**  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOME FORECAST PAST WEATHER SAFETY INFORMATION EDUCATION NEWS SEARCH ABOUT

Local Forecast by ZIP, by air ZIP code  
Enter location: [Go]  
Location Help

**News Headlines**

- Accessibility Feedback on the Future National Weather Prediction Service (NWPS) website
- Submit Comments Through December 5th on the Discontinuation of the MaxMin Temperature and Precipitation Table Product (PTP)
- Updated Information Available for the Ongoing Drought
- Click Here to Access Mississippi Forecast Information and Upcoming Damage Survey Plans

**MY FORECAST**  
San Antonio TX

**NWS Forecast Office Jackson, MS** Jackson, Mississippi Weather Forecast Office

Current Hazards Current Conditions Radar Forecasts Rivers and Lakes Climate and Past Weather Local Programs

Fire Danger Wednesday Severe Storms Friday Today Tonight Tomorrow

**Severe Storms Possible Friday** Weather Forecast Office Jackson, MS Issued November 29, 2023 3:53 AM

**Marginal Risk:**

- Isolated severe storms possible
- Damaging wind gusts
- A tornado cannot be ruled out

**Timing:**  
Morning - early afternoon

1 - Marginal 2 - Slight 3 - Enhanced 4 - Moderate 5 - High

Facebook Twitter YouTube Instagram  
#NWSJacksonMS weather.gov/jan

Isolated severe thunderstorms are possible Friday morning through early afternoon across portions of northeast Louisiana and southern Mississippi. Damaging wind gusts will be the main threat, but a tornado can be ruled out with these storms.

[Hide Caption](#)

Click a location below for detailed forecast.

Hazardous Weather Outlook

Last Map Update: Wed, Nov 29, 2023 at 11:15:41 am CST

**NATIONAL WEATHER SERVICE**

HOME FORECAST PAST WEATHER SAFETY INFORMATION EDUCATION NEWS SEARCH ABOUT

Go

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**Your local forecast office is Jackson, MS**

Current conditions at Jackson, Hawkins Field Airport (KJAK)  
Last update: 11/29/2023 3:56 pm CST

Forecast for 3 Miles NW Jackson, Hawkins Field Airport MS

This Afternoon	Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	Sunday
Mostly Bury	Partly Cloudy	50% - 40%	100%	50%	50% - 30%	50%	50%	50%
Hg: 82°F	Lw: 48°F	Hg: 81°F	Lw: 52°F	Hg: 74°F	Lw: 54°F	Hg: 65°F	Lw: 52°F	Hg: 67°F

**Detailed Forecast**

**This Afternoon:** Partly cloudy, with a high near 82. South-southeast wind around 5 mph.

**Tonight:** Partly cloudy, with a low around 48. South-southeast wind around 5 mph.

**Thursday:** Partly cloudy, with a high near 81. South-southeast and 10 to 15 mph, with gusts as high as 20 mph. Chance of precipitation is 50%. New precipitation amounts of less than a tenth of an inch possible.

**Thursday Night:** Showers and possibly a thunderstorm before 8pm, then less and possibly a thunderstorm between 8pm and midnight. Rain showers and possibly a thunderstorm after midnight. Low around 52. Windy, with a southeast wind 10 to 20 mph, with gusts as high as 25 mph. Chance of precipitation is 100%. New rainfall amounts between a tenth and three tenths of an inch possible.

**Friday:** A band of showers and thunderstorms between noon and a high chance of showers. Mostly cloudy, with a high near 74. South-southeast wind 5 to 15 mph, with gusts as high as 20 mph. Chance of precipitation is 50%.

**Friday Night:** Advance of showers, with thunderstorms also possible after midnight. Mostly cloudy, with a low around 54. South-southeast and around 5 mph increasing soon. Chance of precipitation is 80%. New rainfall amounts between a tenth and a quarter of an inch, except higher amounts possible in thunderstorms.

**Saturday:** A 50 percent chance of showers and thunderstorms. Cloudy with a high near 68. East-northeast wind around 5 mph.

**Saturday Night:** A 40 percent chance of showers. Mostly cloudy, with a low around 55. Northeast wind around 5 mph becoming east-southeast after midnight.

**Sunday:** A 20 percent chance of rain, with a high near 69. Mostly cloudy with a high near 67. Northeast wind around 5 mph increasing southeast in the afternoon.

**Sunday Night:** A 30 percent chance of rain. Mostly cloudy, with a low around 47.

**Monday:** A 20 percent chance of rain. Partly sunny, with a high near 65.

**Monday Night:** Partly cloudy, with a low around 42.

**Tuesday:** Mostly sunny, with a high near 62.

Forecast for 3 Miles NW Jackson, Hawkins Field Airport MS  
Last update: 11/29/2023 04:24:23  
11/29/2023 04:24:23  
11/29/2023 04:24:23  
11/29/2023 04:24:23

# Where to find Weather Information?

- Great situational awareness tool that provides a detailed 7 day forecast for your location.
- Output also includes hourly tabular information and graphs.

<https://www.weather.gov/forecastpoints>

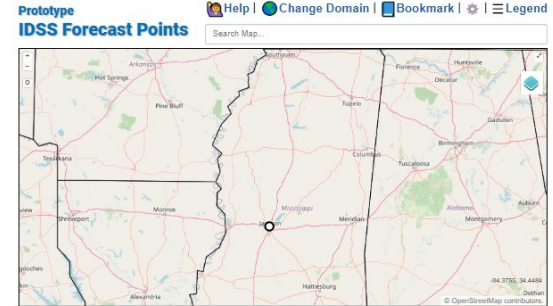


Table updated: 1215 pm CST Wed. 11/29/2023 (Last Update: 7 minutes ago)

Click for Text Forecast  
JAN Forecast Discussion  
1 miles E of Jackson, MS

### Weekly Summary

	Wed Nov 29	Thu Nov 30	Fri Dec 1	Sat Dec 2	Sun Dec 3	Mon Dec 4	Tue Dec 5
Max Temp, °F	62	61	74	68	67	63	62
Min Temp, °F	44	41	57	56	53	48	44
Min Wind Chill, °F	41	36	57	56	53	45	41
Max Wind, mph	6	22	22	5	7	7	9
Min Wind, mph	5	6	2	2	5	5	6
Max Wind Gust, mph	10	37	32	13	14	21	22
Max Prob. of Precip., %	1	93	96	56	43	30	7
Max Dew Point, °F	33	55	65	61	57	53	45
Min Dew Point, °F	24	33	57	56	51	47	39
Max RH, %	65	96	100	100	100	100	96
Min RH, %	24	49	71	73	63	62	48
Max Cloud Cover, %	44	93	93	92	89	75	47
Min Cloud Cover, %	25	52	57	84	63	39	22

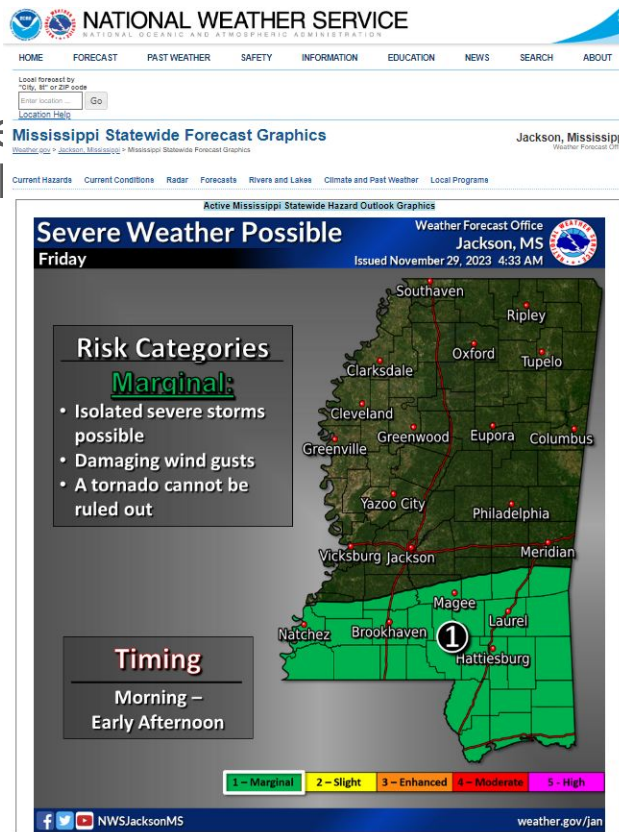
### Outlooks

	Day 1	Day 2	Day 3
Severe Thunderstorm Expected	Not Expected	Non-Severe Thunderstorms	Marginal
Excessive Rainfall Expected	Not Expected	Marginal	Not Expected

### Hourly Table

Day of week:	Wednesday 11/29										Thursday 11/30						
Time:	12PM	1PM	2PM	3PM	4PM	5PM	6PM	7PM	8PM	9PM	10PM	11PM	12AM	1AM	2AM	3AM	4AM
Weather:	☀️ ☀️ ☀️ ☀️ ☀️ ☀️ ☀️ ☀️ ☀️ ☀️ ☀️ ☀️ ☀️ ☀️ ☀️ ☀️ ☀️ ☀️																
Temperature (°F):	59	61	61	62	60	57	54	49	47	46	45	44	43	42	42	42	41
Heat Index, °F:	59	61	61	62	60	57	54	47	45	44	43	41	39	38	38	38	37

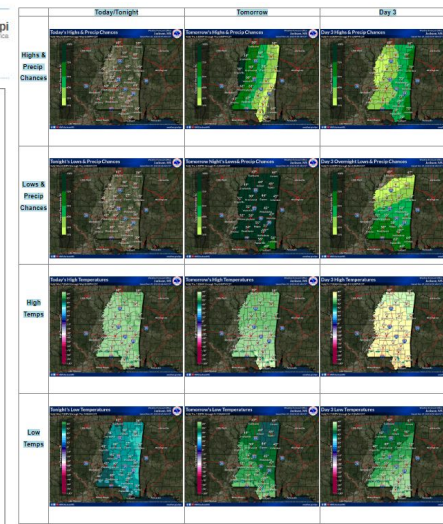
# Where to find Weather Information?



- Great situational awareness site for the state of Mississippi for all hazards.

- Generally updated twice a day.

<https://www.weather.gov/jan/statewidegraphics>





# Thank You!

- Social media platforms
  - Twitter - @NWSJacksonMS
  - Facebook - NWSJacksonMS
- Email
  - [Michael.Hill@noaa.gov](mailto:Michael.Hill@noaa.gov)

