

Storm Data and Unusual Weather Phenomena - February 2015

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|-----------|----------------------|------------------------|------------------------|
|----------|-----------|----------------------|------------------------|------------------------|

ALABAMA, Central

(AL-Z012) LAMAR, (AL-Z015) WALKER, (AL-Z017) BLOUNT, (AL-Z018) ETOWAH, (AL-Z019) CALHOUN, (AL-Z020) CHEROKEE, (AL-Z021) CLEBURNE, (AL-Z024) JEFFERSON, (AL-Z026) ST. CLAIR, (AL-Z027) TALLADEGA, (AL-Z030) SUMTER

| | | |
|--------------------|---|----------------|
| 02/20/15 07:30 CST | 0 | Winter Weather |
| 02/20/15 20:00 CST | 0 | |

An arctic air mass settled over central Alabama with early temperatures in the lower 20s across most of central central Alabama. Very light precipitation spread into southwest counties of central Alabama just after sunrise and spread northeast during the day. Even though most locations recorded only trace amounts, the light rain froze quickly on areas bridges and roads causing hazardous driving conditions.

(AL-Z011) MARION, (AL-Z012) LAMAR, (AL-Z013) FAYETTE, (AL-Z014) WINSTON, (AL-Z015) WALKER, (AL-Z017) BLOUNT, (AL-Z018) ETOWAH, (AL-Z019) CALHOUN, (AL-Z020) CHEROKEE, (AL-Z021) CLEBURNE, (AL-Z022) PICKENS, (AL-Z023) TUSCALOOSA, (AL-Z024) JEFFERSON, (AL-Z026) ST. CLAIR

| | | |
|--------------------|---|------------|
| 02/25/15 11:00 CST | 0 | Heavy Snow |
| 02/25/15 22:45 CST | 0 | |

On Wednesday, February 25, 2015, many Alabamians across the northern one-third of Alabama experienced a significant snowstorm. Much of northern half of the state experienced snow during the afternoon and evening hours of the 25th, with totals of 1 - 2 inches along the Interstate 20 corridor, increasing to 5 - 12 inches across the far northern tier of central Alabama counties. The highest snowfall measurement came from Guin, Alabama, with 12.7 inches.

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|  | | | | |

Picture taken at Guin, Alabama. Courtesy of Jamie Dozier.

ALABAMA, North

(AL-Z001) LAUDERDALE

| | | |
|--------------------|---|-----------|
| 02/16/15 09:00 CST | 0 | Ice Storm |
| 02/16/15 18:00 CST | 0 | |

(AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z005) LIMESTONE

| | | |
|--------------------|---|----------------|
| 02/16/15 09:00 CST | 0 | Winter Weather |
| 02/16/15 18:00 CST | 0 | |

A low pressure system moved east through the deep South producing areas of freezing rain and some sleet across northwest Alabama into southern middle Tennessee. Although far worse conditions occurred just north of Alabama, up to 1/4 inch of ice accumulation occurred in northwest Lauderdale County, and around 1/10 inch of ice accumulation was reported in Franklin, Colbert and Limestone Counties. The freezing rain fell on the 16th during the morning and afternoon hours. Precipitation ended during the early evening after a brief mix of very light snow.

(AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z007) MORGAN, (AL-Z008) MARSHALL, (AL-Z009) JACKSON, (AL-Z010) DEKALB, (AL-Z016) CULLMAN

| | | |
|--------------------|---|-----------------|
| 02/19/15 02:00 CST | 0 | Cold/Wind Chill |
| 02/19/15 10:00 CST | 0 | |

Very cold air overspread the region on the 18th behind an Arctic cold front. Temperatures dropped into the teens. Northwest winds diminished to 10 mph or less during the evening hours resulting in wind chills that briefly dipped to around zero.

(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z007) MORGAN, (AL-Z008) MARSHALL, (AL-Z009) JACKSON, (AL-Z010) DEKALB

| | | |
|--------------------|---|----------------|
| 02/20/15 10:00 CST | 0 | Winter Weather |
| 02/21/15 22:15 CST | 0 | |

(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z007) MORGAN, (AL-Z008) MARSHALL, (AL-Z009) JACKSON, (AL-Z010) DEKALB

| | | |
|--------------------|---|-----------|
| 02/20/15 13:20 CST | 0 | Ice Storm |
| 02/21/15 04:15 CST | 0 | |

A winter storm paralyzed travel across many parts of north Alabama and southern Tennessee on the afternoon and evening of the 20th. Snow and some sleet began during the late morning and early afternoon depositing one half to one and one half inches of snowfall. Freezing rain would then accumulate a light glaze atop the snowfall during the late afternoon and early evening hours. This created impassible roadways. Numerous motorists were stranded on area roads and many cars slid off roads into ditches. Local area emergencies were declared in many counties because of the severe travel conditions. Temperatures were slow to warm during the night of the 20th. Eventually temperatures warmed above freezing during the early morning hours of the 21st in northwest and north central Alabama, but road conditions remained treacherous to impassible until after sunrise on the 21st. Conditions were slower to improve in northeast Alabama and the higher elevations of the Cumberland Plateau until late morning on the 21st. Ironically, temperatures warmed to afternoon highs in the lower to upper 50s on the 21st, melting any remaining snow, ice and slush rapidly.

(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z007) MORGAN, (AL-Z008) MARSHALL, (AL-Z009) JACKSON, (AL-Z010) DEKALB, (AL-Z016) CULLMAN

| | | |
|--------------------|---|----------------|
| 02/23/15 00:00 CST | 0 | Winter Weather |
| 02/23/15 06:00 CST | 0 | |

A wave of low pressure moving across Alabama into Georgia produced light freezing rain during the early morning hours of the 23rd. The precipitation produced a very light glazing of ice in parts of northeast Alabama and southern middle Tennessee.

(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z007) MORGAN, (AL-Z008) MARSHALL, (AL-Z009) JACKSON, (AL-Z010) DEKALB, (AL-Z016) CULLMAN

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| | 02/25/15 13:00 CST | | 0 | Winter Storm |
| | 02/26/15 01:00 CST | | 0 | |

A snow storm impacted the Tennessee Valley during the afternoon and evening of the 25th and into early morning on the 26th. Snow spread northeast during this period producing rapidly deteriorating conditions due to snow falling heavily in a short period of time. Snowfall rates of 1 to 3 inches per hour were reported at times. The heaviest snow totals were located along and southeast of a Red Bay to Athens to Bridgeport line where 6 to 11 inches were reported. A sharp gradient to much less snowfall was observed from far northwest Alabama into southern middle Tennessee where 1 to 5 inches were observed.

ALABAMA, Southeast

(AL-Z066) DALE

| | | |
|--------------------|----|-------------------------|
| 02/02/15 02:30 EST | 3K | Strong Wind (MAX 45 kt) |
| 02/02/15 02:30 EST | 0 | |

Strong wind gusts in association with a passing cold front caused minor damage at 112 Elkwood Dr off of County Road 56 near Midland City. Damage to a metal shed and wooden fences occurred.