

# August 2024 Tennessee State Climate Summary

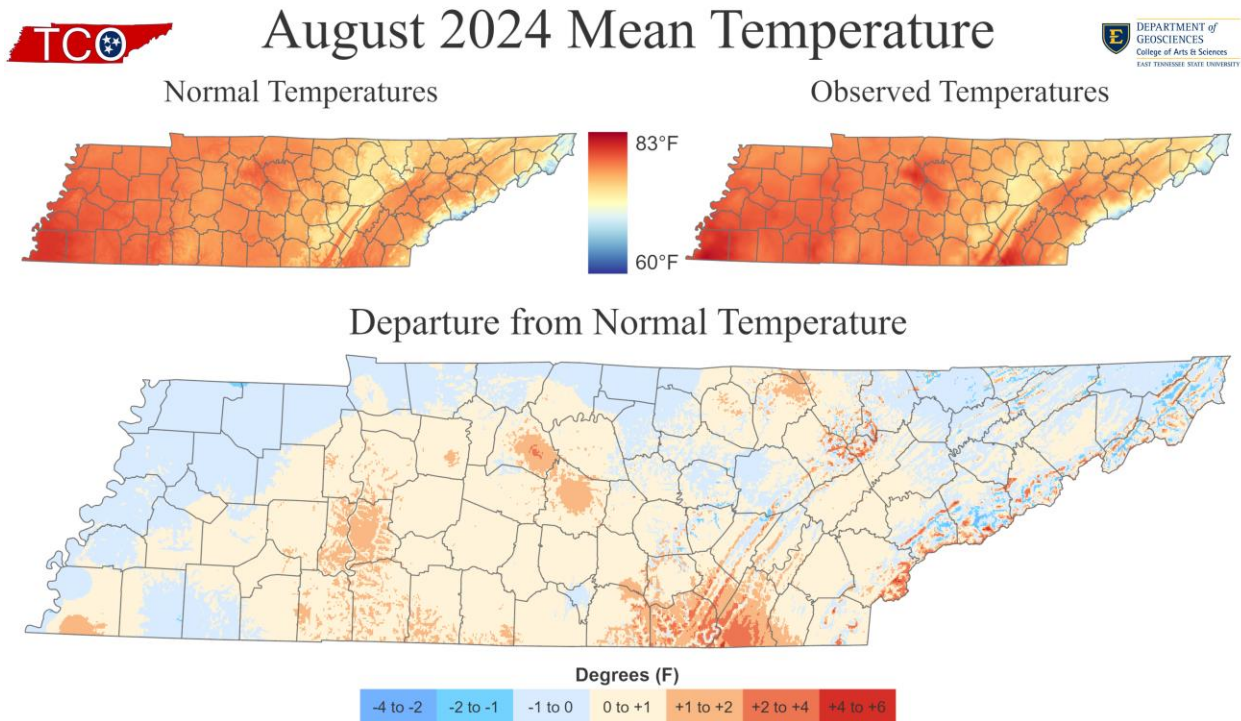
Tennessee Climate Office \* East Tennessee State University

Prepared by William Tollefson and Dr. Andrew Joyner

With contributions by [Climate Data Representatives](#) across the state

## Monthly Temperature Summary:

Overall, most locations in Tennessee were within 1°F of their normal mean temperature for August, with southeast portions of the state slightly warmer, averaging 1-4°F warmer than normal. However, this nearly normal monthly temperature hides several temperature swings during the month. August started out warmer than normal with most areas of the state running 2-4°F above normal in the first week of the month. A cold front ushered in cooler and drier air with the second week of August bringing temperatures that were 2-5°F cooler than normal to West and Middle Tennessee and around 1°F below normal in East Tennessee. The peak of this cold spell occurred August 21, with 24 daily low temperatures tied or broken across the state. The end of the month then trended warmer with a surge of high heat for the final days of August that brought 100-degree readings to many locations. Over the course of the month there were 41 broken and 22 tied daily high temperature records and 23 broken and 11 tied daily records for warmest low temperatures. On the cold side of the record books, there were 24 broken and 9 tied daily low temperature records set this month with an additional 5 broken and 3 tied daily records for coolest high temperatures. Of long-term climate monitoring stations, only Chattanooga had a top-10 warmest August, with this year being the 8<sup>th</sup> warmest August in the city's 146-year weather history.



Stations with the highest mean temperature

Station Name	Station Type	Mean Temperature (F)
MEMPHIS INTERNATIONAL AP	WBAN	82.6
CHATTANOOGA AP	WBAN	81.6
MEMPHIS WFO	WBAN	81.3
NASHVILLE INTL AP	WBAN	81.1
SHILOH NMP TENNESSEE	RAWS	80.9

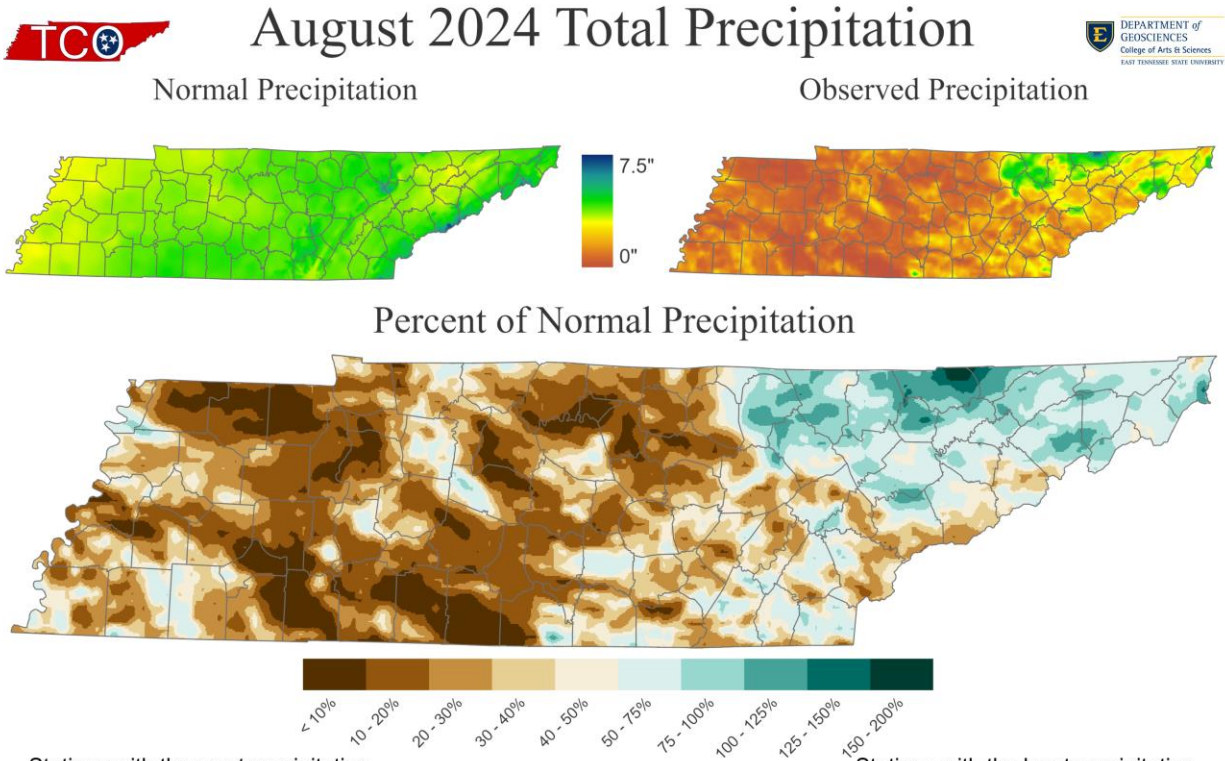
Map Data from PRISM Climate Group, Oregon State University, 1991-2020 Climate Normals Used. Station Data Retrieved From xmACIS2.

Stations with the lowest mean temperature

Station Name	Station Type	Mean Temperature (F)
MT LECONTE	COOP	57.8
NEWFOUND GAP	COOP	66.4
ROAN MOUNTAIN 3SW	COOP	67.1
MOUNTAIN CITY 2	COOP	70.2
CHEROKEE TENNESSEE	RAWS	70.5

### Monthly Precipitation Summary:

Rainfall was very hit or miss during August 2024, with most areas of the state recording well below normal precipitation, except for the northeast corner of the state that had mostly above normal rainfall. Most areas of West and Middle Tennessee recorded less than 30% of their normal August rainfall, with a few pockets that received several inches from isolated and slow-moving storms mostly at the beginning and end of the month. In the first few days of August, northeast areas of the state recorded precipitation with a few other isolated heavy downpours in Middle Tennessee. The second week of August brought very little rainfall with just a few isolated locations recording a quarter to 1" of rainfall. The third week of August brought more heavy rains to northeast Tennessee and a few isolated areas of southern East Tennessee and Middle Tennessee with the cold front that brought in the cooler than normal temperatures during this part of August. The fourth week of August had no rainfall across the state, before scattered storms brought heavy rains totaling 1-3" in scattered areas of the state in the final 3 days of August. Dry conditions led to rapid expansion and degradation in drought conditions, especially in the western half of the state. Of the long-term climate monitoring stations in the state, Chattanooga had the 2<sup>nd</sup> driest August in the city's 146-year weather history, and Nashville had its 11<sup>th</sup> driest August in the city's 150-year weather history. At other long-term stations, the Jackson Airport had its 4<sup>th</sup> driest August in its 75-year weather history. Despite the overall dry conditions, there were 2 broken records for daily precipitation totals, including at the Knoxville Airport, where the weather station recorded 1.81" of rain on August 1, breaking the previous daily record from 1919 by 0.51-inches.



Stations with the most precipitation

Station Name	Station Type	Total Precipitation (in)
ROAN MOUNTAIN 3SW	COOP	5.6
BRISTOL AP	WBAN	5.24
GREENEVILLE EXP STA	COOP	4.95
ELIZABETHTON	COOP	4.85
TAZEWELL	COOP	4.56

Map Data from PRISM Climate Group, Oregon State University. 1991-2020 Climate Normals Used. Station Data Retrieved From xmACIS2

Stations with the least precipitation

Station Name	Station Type	Total Precipitation (in)
PULASKI WASTEWATER PLANT	COOP	0.02
FOREST HILLS 6.7 WSW	CoCoRaHS	0.03
FAYETTEVILLE 8.6 S	CoCoRaHS	0.06
NOLENSVILLE 2.4 SW	CoCoRaHS	0.07
WAYNESBORO 7.3 N	CoCoRaHS	0.07

*Note: Data for the infographic below ends at 8am(eastern)/7am(central) August 31, a few areas of Middle TN and northeast TN recorded 2-3" of rain later in the day on August 31.*

**Station Data and Top Tenn. (warmest/wettest, coldest/driest stations of the month):**

Station data for airports across the state using WBAN weather stations, compared to 1991-2020 30-year climate normals for departure from mean temperature and total precipitation:

Station Name	Temperatures (°F)								Precipitation (inches)		
	Averages				Extremes				Totals		
	Max	Min	Mean	Depart	High	Date	Low	Date	Obs	Depart	%Norm
<b>Memphis</b>	92.4	72.8	82.6	<b>+0.5</b>	100	8/29†	63	8/22	2.52	<b>-0.85</b>	<b>75%</b>
<b>Jackson</b>	92.1	67.2	79.7	<b>+1.4</b>	101	8/29†	56	8/22†	0.62	<b>-2.91</b>	<b>18%</b>
<b>Clarksville*</b>	90.1	66.3	78.2	<b>+0.8</b>	102	8/29	55	8/21	0.96	<b>-1.94</b>	<b>33%</b>
<b>Nashville</b>	92.5	69.7	81.1	<b>+1.4</b>	102	8/29	58	8/21	1.21	<b>-2.58</b>	<b>32%</b>
<b>Chattanooga</b>	93.3	69.9	81.6	<b>+1.6</b>	101	8/29	63	8/25†	0.16	<b>-3.51</b>	<b>4%</b>
<b>Crossville*</b>	85.1	61.7	73.4	<b>+0.5</b>	95	8/29	49	8/21	2.20	<b>-1.41</b>	<b>61%</b>
<b>Knoxville</b>	88.9	67.2	78.1	<b>+0.5</b>	97	8/30†	58	8/21	4.01	<b>+0.38</b>	<b>110%</b>
<b>Bristol</b>	86.9	62.8	74.9	<b>+0.4</b>	95	8/30†	49	8/21	5.24	<b>+1.48</b>	<b>139%</b>

Departures and %Norm Key: **Warmer than Normal**, **Cooler than Normal**; **Wetter than Normal**, **Drier than Normal**

\*Clarksville airport was missing temperature data from August 30-31

\*Crossville Airport weather station was missing temperature and precipitation data on August 1

†These stations recorded highest or lowest temperatures of the month on 2 days during the month the date listed in the table is the later of the two.

**Hottest Stations (highest maximum temperature)**

Station Name	Station Type	Highest Temperature (F)	Date
CLARKSVILLE WWTP	COOP	105	29
CHEATHAM LOCK & DAM	COOP	104	30
MOUSETAIL LANDING S.P.	COOP	104	30
LOBELVILLE	COOP	104	30
LEBANON	COOP	103	30
TENNESSEE RIDGE	COOP	103	30
CAMDEN TOWER TENNESSEE	RAWS	103	29
SHILOH NMP TENNESSEE	RAWS	103	29
DECATURVILLE	COOP	102	30
NASHVILLE BERRY FIELD	COOP	102	30
MERIWETHER LEWIS TENNESSEE	RAWS	102	28
CLARKSVILLE OUTLAW AP	WBAN	102	29
MEMPHIS WFO	WBAN	102	30
NASHVILLE INTL AP	WBAN	102	29

Six stations tied for the 9<sup>th</sup> hottest temperature (102°F)

**Coldest Stations (lowest minimum temperature)**

Station Name	Station Type	Lowest Temperature (F)	Date
MT LECONTE	COOP	40	21
LEWISBURG EXP STA	COOP	42	21
MOUNTAIN CITY 2	COOP	43	21
PICKETT STATE PARK	COOP	46	21
KINGSTON SPRINGS	COOP	47	22
COALMONT	COOP	47	21
ROAN MOUNTAIN 3SW	COOP	47	22
BLEDSON SF TENNESSEE	RAWS	47	21
CROSSVILLE AREA OFFICE	RAWS	47	21
CROSSVILLE 7 NW	WBAN	47	21

**Warmest Stations (highest mean temperatures)**

Station Name	Station Type	Mean Temperature (F)
MEMPHIS INTERNATIONAL AP	WBAN	82.6
CHATTANOOGA AP	WBAN	81.6
MEMPHIS WFO	WBAN	81.3
NASHVILLE INTL AP	WBAN	81.1
SHILOH NMP TENNESSEE	RAWS	80.9
NASHVILLE BERRY FIELD	COOP	80.5
MOUSETAIL LANDING S.P.	COOP	79.9
JACKSON MCKELLAR- SIPES AP	WBAN	79.7
CAMDEN	COOP	79.5
CAMDEN TOWER TENNESSEE	RAWS	79.5
LEWISBURG TOWER TN	RAWS	79.5

*Three stations tied for the 9<sup>th</sup> warmest mean temperature (79.5°F)*

**Coollest Stations (lowest mean temperatures)**

Station Name	Station Type	Mean Temperature (F)
MT LECONTE	COOP	57.8
NEWFOUND GAP	COOP	66.4
ROAN MOUNTAIN 3SW	COOP	67.1
MOUNTAIN CITY 2	COOP	70.2
CHEROKEE TENNESSEE	RAWS	70.5
TOWNSEND 5S	COOP	71.2
CROSSVILLE 7 NW	WBAN	71.4
GATLINBURG 2 SW	COOP	71.5
KINGSTON SPRINGS	COOP	72.5
ERWIN 1 W	COOP	72.9

**Wettest Stations (highest precipitation totals):**

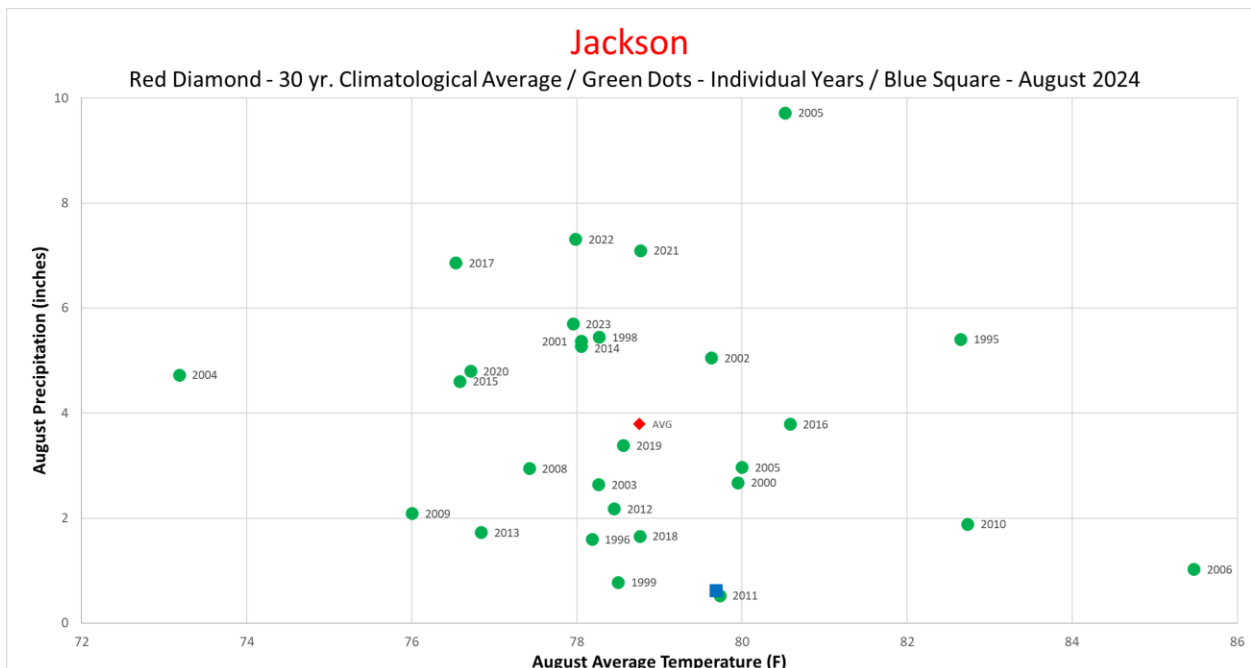
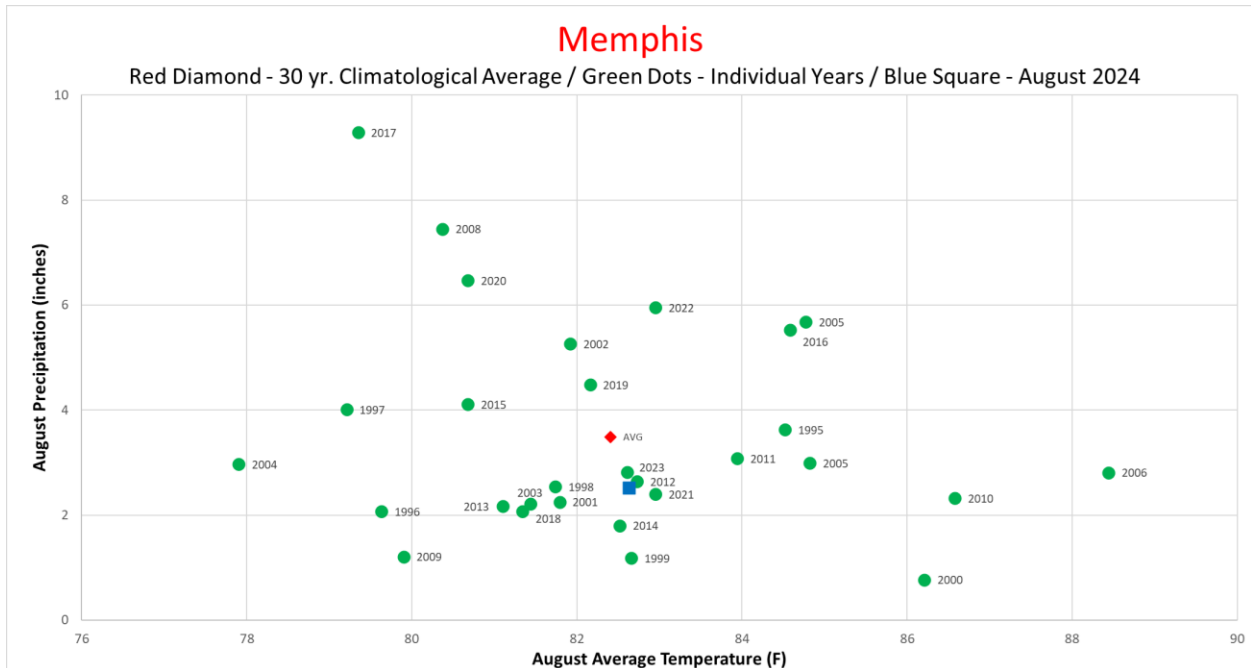
Station Name	Station Type	Total Precipitation (in)
ROAN MOUNTAIN 3SW	COOP	5.6
BRISTOL AP	WBAN	5.24
GREENEVILLE EXP STA	COOP	4.95
ELIZABETHTON	COOP	4.85
TAZEWELL	COOP	4.56
KYLES FORD 1.0 N	CoCoRaHS	4.34
CLEVELAND FILTER PLANT	COOP	4.32
GREENEVILLE 3.0 S	CoCoRaHS	4.25
KNOXVILLE AP	WBAN	4.01
JAMESTOWN 9.6 W	CoCoRaHS	3.72

**Driest Stations (lowest precipitation totals):**

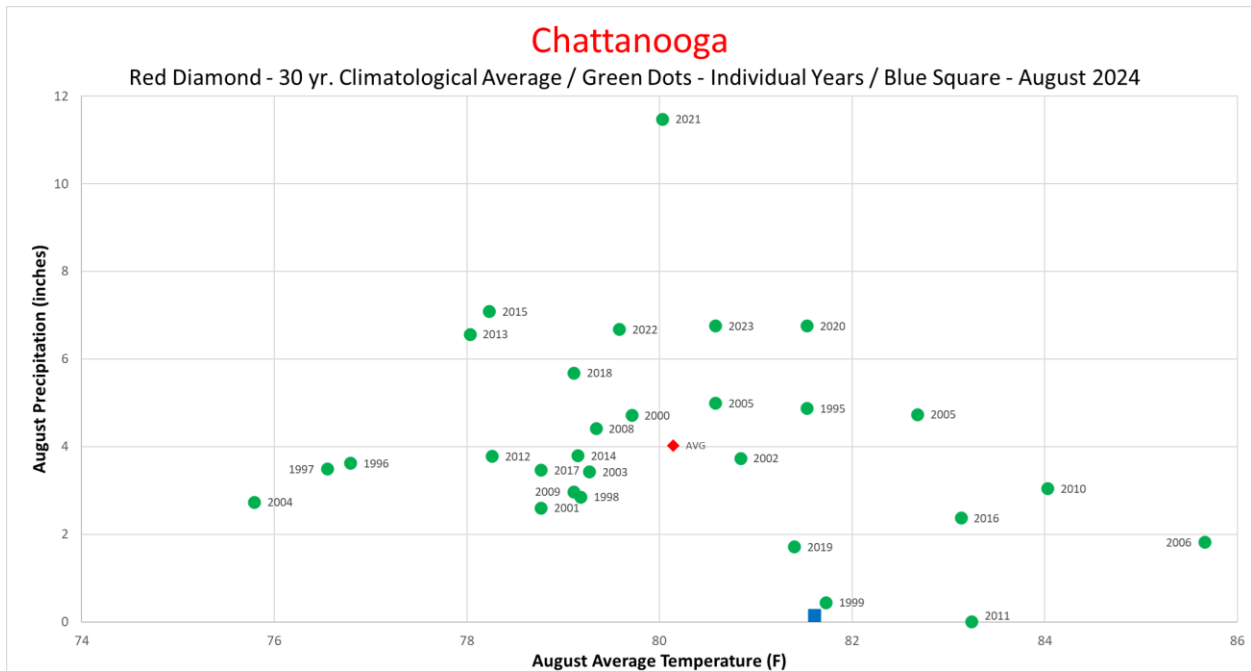
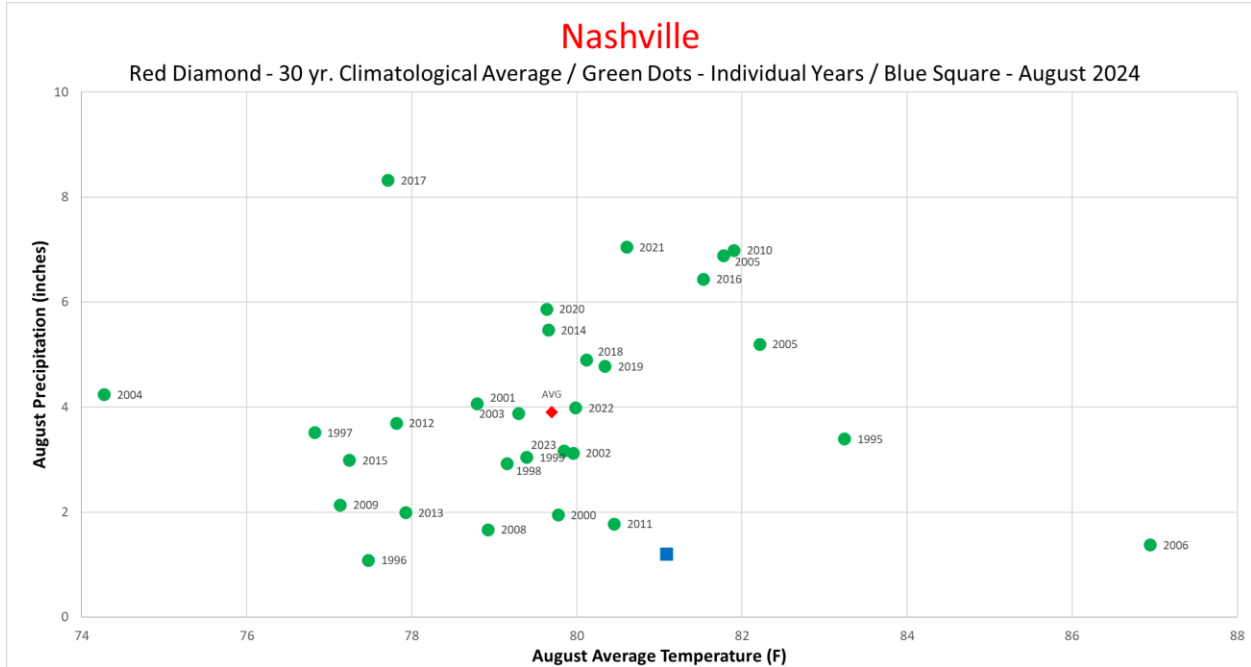
Station Name	Station Type	Total Precipitation (in)
PULASKI WASTEWATER PLANT	COOP	0.02
FOREST HILLS 6.7 WSW	CoCoRaHS	0.03
FAYETTEVILLE 8.6 S	CoCoRaHS	0.06
NOLENSVILLE 2.4 SW	CoCoRaHS	0.07
WAYNESBORO 7.3 N	CoCoRaHS	0.07
HOHENWALD 2.2 SE	CoCoRaHS	0.07
UNION CITY 1.4 SSE	CoCoRaHS	0.07
FAYETTEVILLE 9.0 WSW	CoCoRaHS	0.07
DICKSON 12.7 NW	CoCoRaHS	0.08
COOKEVILLE 4.6 WNW	CoCoRaHS	0.1

### The Month in Comparison:

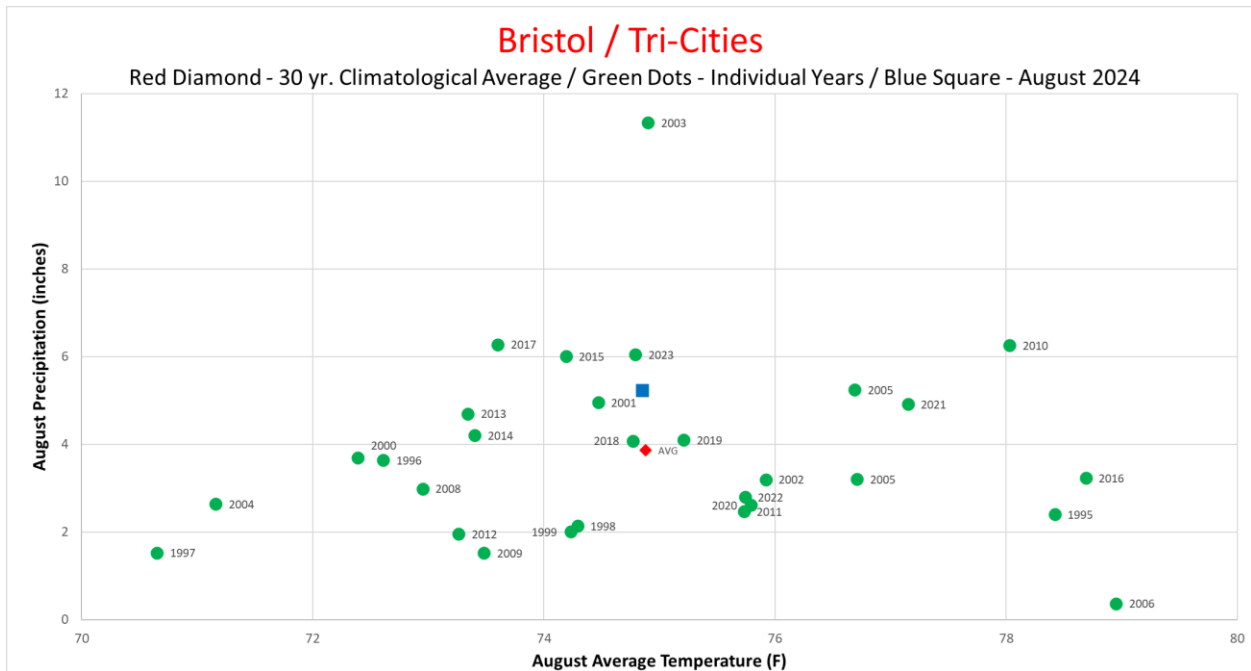
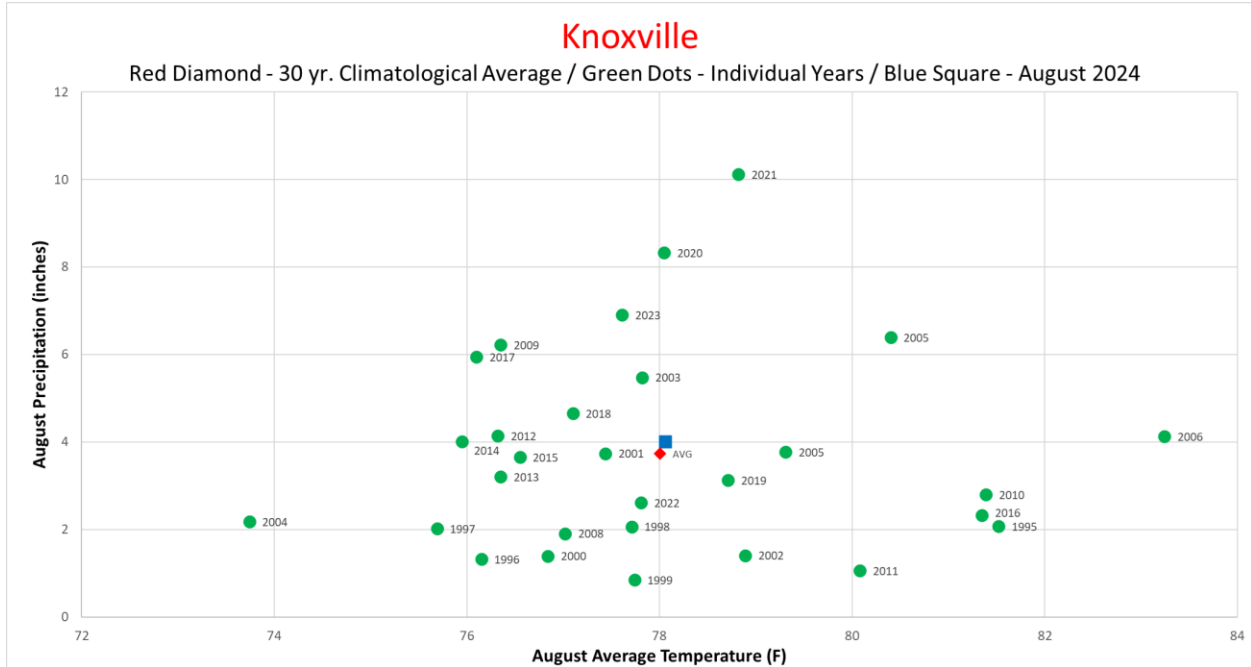
Comparing the average temperature and total precipitation for August 2024 to the conditions for August over the past thirty years at select weather stations located at airports across the state, most areas were within a degree or two of their average August temperature. Jackson, Nashville, and Chattanooga stood out by being much drier than average this August compared to August over the past thirty years. Knoxville was almost perfectly average coming in at less than 1/10<sup>th</sup> of a degree warmer than the average August for the past thirty years and 3/10<sup>th</sup> of an inch wetter than average for the past thirty years. Looking at the longer-term record for these cities, August 2024 was the 2<sup>nd</sup> driest on record in Chattanooga's 146-year history, behind only 2011. This month was also the 4<sup>th</sup> driest August for Jackson's 75-year weather history.



August 2024 Tennessee State Climate Summary



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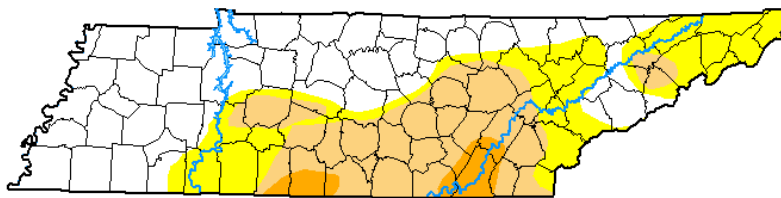


### Drought Monitor:

Over the month of August, the eastern half of the state saw some improvement in drought conditions while the western half of the state deteriorated rapidly. Heavy rains in the final days of July and first days of August led to improvements in many areas of East Tennessee in the U.S. Drought Monitor, but then rainfall was scarce until the final days of August. This led to rapid onset and intensification of drought conditions in the western half of the state, with the worst conditions seen in southwestern Middle Tennessee. The main impacts were to agriculture with hay, pastures, and cattle being the most impacted products, with corn also suffering in parts of the state. Many streams were reporting low flow conditions impacting wildlife and recreation. There were a few small fires reported in the state towards the end of the month as well. By the last release of the U.S. Drought Monitor in August there was Extreme Drought (D3) in parts of Middle Tennessee covering 3.18% of the state. Over the month the area of the state covered by Severe Drought (D2) increased from 4% to 6.4%, and the area of the state covered by Moderate Drought (D1) increased from 24.01% to 30.97%. An additional 35.66% of the state was in Abnormally Dry (D0) conditions at the end of August compared to 23.48% at the end of July.

### U.S. Drought Monitor Tennessee

**July 30, 2024**  
(Released Thursday, Aug. 1, 2024)  
Valid 8 a.m. EDT



**Intensity:**

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

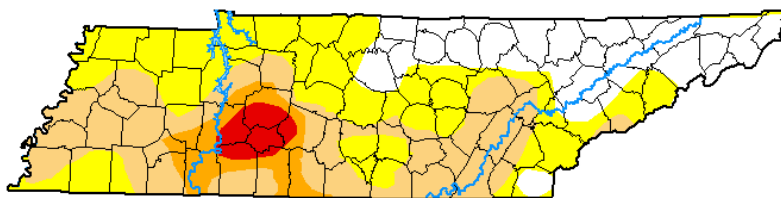
**Author:**  
Lindsay Johnson  
National Drought Mitigation Center



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

### U.S. Drought Monitor Tennessee

**August 27, 2024**  
(Released Thursday, Aug. 29, 2024)  
Valid 8 a.m. EDT



**Intensity:**

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

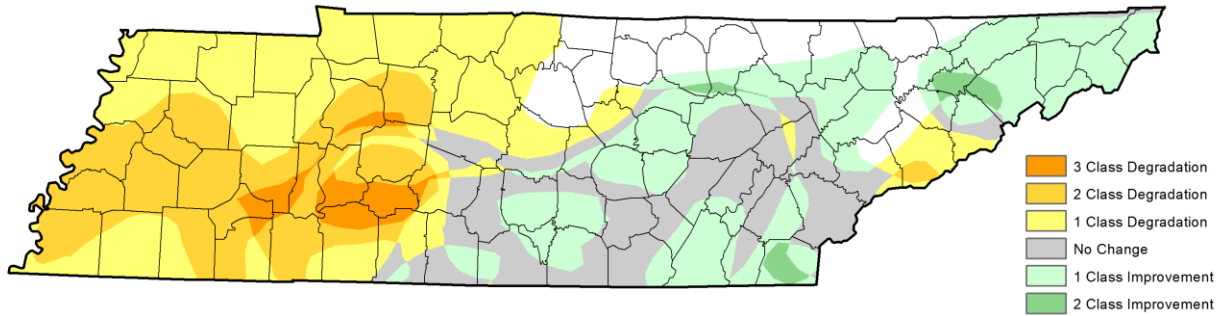
**Author:**  
Richard Heim  
NCEI/NOAA



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August 27, 2024  
 compared to  
 July 30, 2024

### U.S. Drought Monitor Class Change - Tennessee 4 Week

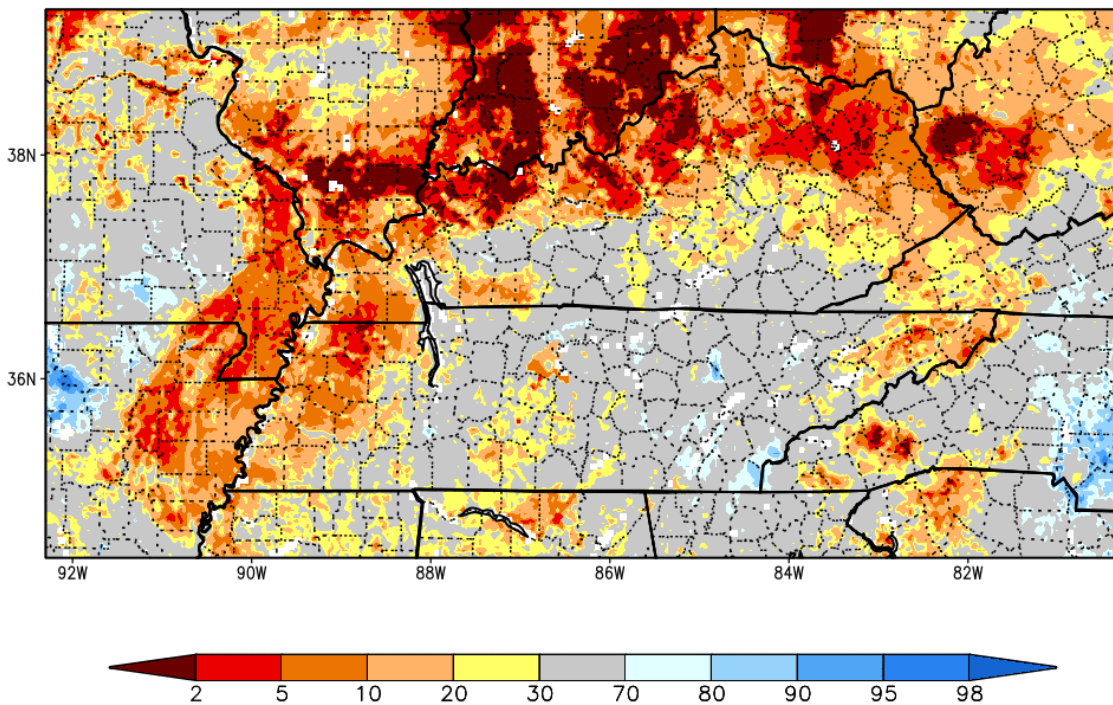


[droughtmonitor.unl.edu](http://droughtmonitor.unl.edu)

#### Soil Moisture:

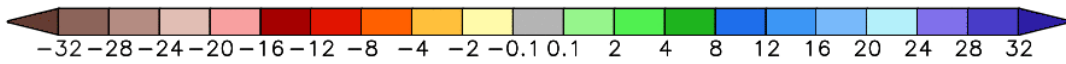
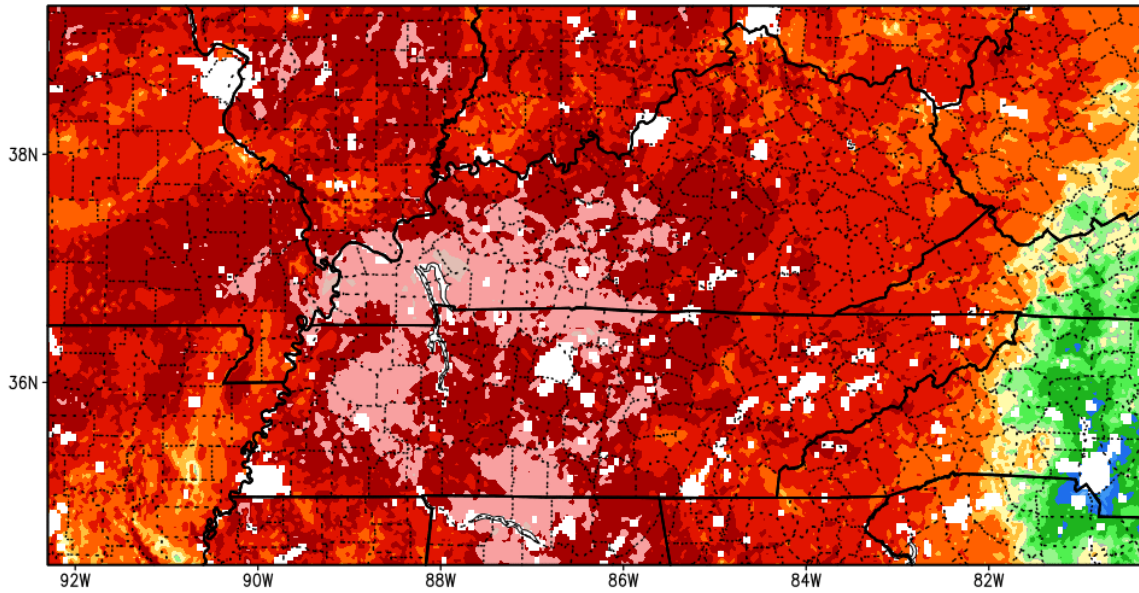
Drought conditions led to below normal soil moisture across many areas of the state, with West Tennessee showing the largest deficits according to the NASA SPoRT Land Information System. Across the state there were drops in soil moisture levels with many areas showing 16-20% drops in soil moisture content. In the week ending Sunday, August 25 the USDA rated topsoil moisture as 23% very short, 41% short, 35% adequate, and 1% surplus, while subsoil moisture was rated 25% very short, 38% short, 36% adequate, and 1% surplus.

SPoRT-LIS 0–200 cm Soil Moisture percentile valid 31 Aug 2024



\*\*NOTE\*\*  
 \*\*Experimental\*\*

1-Month Difference in Column Relative Soil Moisture (%) valid 12z 31 Aug 2024



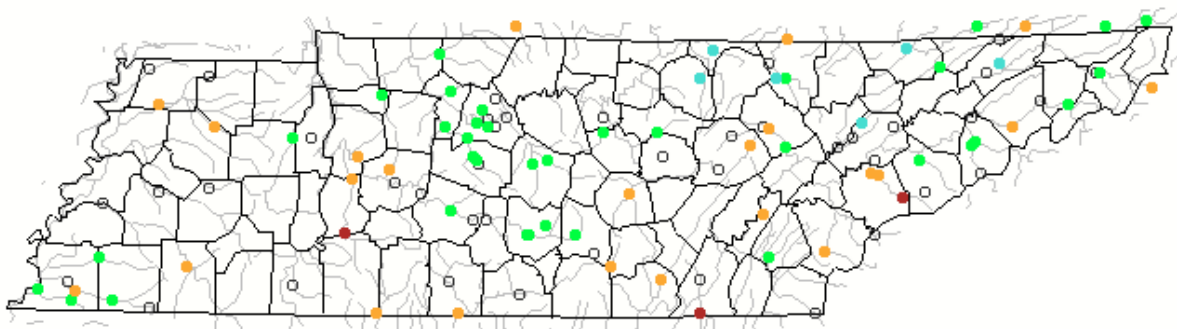
**\*\*NOTE\*\***  
**\*\*Experimental\*\***

**Streamflow:**

Averaged over the month there was a spread of normal to below normal streamflow across the state, with a few streams in the northeastern parts of the state showing above normal flow. This mix was caused by heavy rain storms bringing above normal streamflow in the beginning and end of the month, with dry weather leading to below normal streamflow for the majority of the month in several watersheds. The Duck River in southern Middle Tennessee was one of the hardest hit watersheds, with water levels less than 10% of their normal flow rate for this time of the year before the rains at the end of August.

**Map of monthly streamflow compared to historical streamflow for the month of the year (Tennessee)**

August 2024



Explanation - Percentile classes							
Low	<10	10-24	25-75	76-90	>90	High	Not-ranked
	Much below normal	Below normal	Normal	Above normal	Much above normal		



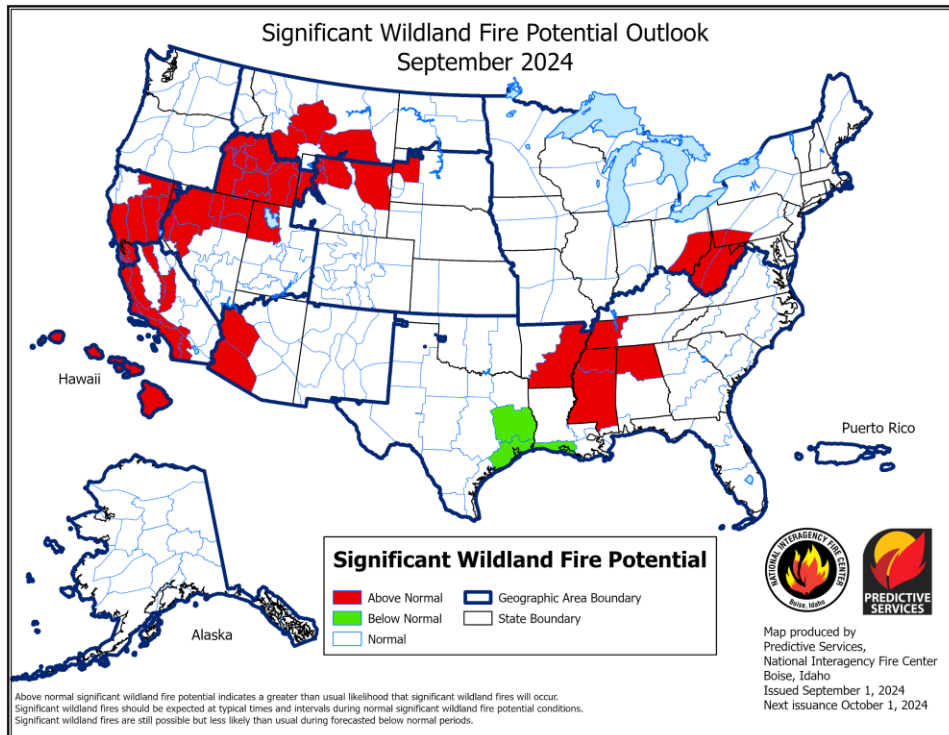
**Miscellaneous:**

**Crop Conditions from USDA:** Rains at the end of July and start of August along with normal to cooler than normal conditions for a couple weeks in the beginning of the month helped to improve pastures and crops in some areas of the state. Some hay producers were able to get a second cutting in this month. However dry conditions returned in the second week of August and persisted until the final days of the month with a late month heatwave sending temperatures into the 90’s and low 100’s in many parts of the state. In addition to dry conditions, pastures and hay producers were dealing with army worms, and some corn producers reported heavy damage from wildlife. Over the month corn, cotton, soybeans, pastures, cattle, and hay all saw increases in the percentage of the cop reported in poor or very poor condition in the range of 5-10%; only tobacco showed a decrease in the percent of the cop in poor or very poor condition.

August 2024 Tennessee State Climate Summary

CROP PROGRESS					CONDITION					
Item	This Week	Last Week	2023	5 Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
	Percent					Percent				
Corn – Dough	93	88	96	96	Corn	8	13	30	38	11
Corn – Dented	79	64	79	74	Cotton	8	14	27	42	9
Corn – Mature	36	17	27	19	Soybeans	5	15	29	39	12
Corn – Harvested	6	-	1	1	Tobacco	7	10	24	39	20
Cotton – Setting Bolls	96	94	97	96	Pasture	11	26	35	26	2
Cotton – Bolls Opening	22	8	12	8	Hay	7	14	33	40	6
Soybeans – Setting Pods	92	82	87	85	Cattle	1	4	33	54	8
Soybeans – Dropping Leaves	18	5	8	5						
Tobacco – Topped	92	86	90	91						
Tobacco – Cut	22	9	25	-						

**Fire Danger:** The Interagency Fire Center outlook for significant wildland fire shows that West Tennessee had an above normal potential for September. Middle and East Tennessee are shown with normal potential but northern Alabama to the south of Middle Tennessee is also shown with above normal potential for significant wildland fires.



### Story of the Month:

Following a similar pattern to July the main weather and climate stories for August were the very dry conditions mixed with a few days of scattered storms that produced flash flooding and severe wind damage, and the late August heat wave that brought widespread upper 90's and 100-degree highs to the state.

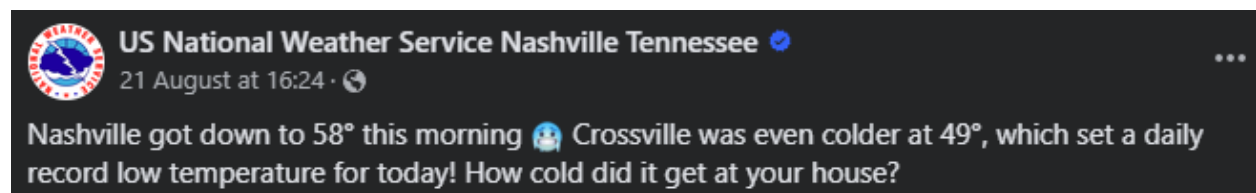
August started and ended with localized heavy rains and flash flooding but the majority of the month saw very dry conditions. Many areas of the state recorded less than 30% of their normal August rainfall, with several areas in the western half of the state recording less than 10% of their normal August rainfall! These dry conditions were a major concern for agricultural producers as corn, cattle, pastures, hay, cotton, and soybeans all saw increases in the percentage of crops rated in poor or very poor conditions. Farm ponds and streams also saw extremely low levels, with some completely drying up. In addition to agricultural concerns, extremely low water levels in streams led to concerns for wildlife. Near Chattanooga, a team from the Tennessee Aquarium, US Fish and Wildlife Service, the University of Georgia, and Tennessee Wildlife Resources Agency worked to rescue endangered Laurel Dace from low streams in an effort to prevent their extinction.



*Drought conditions left behind dry rocks and a few pools of water in one of two streams home to Laurel Dace. Image via Tennessee Aquarium Riverwatch.*

Areas that did receive rain during the month often experienced short duration, heavy downpours with several storms dropping 1-4 inches of rain over a small area in an hour or two. This led to flash flooding in some cases.

A mostly dry cold front brought cool and less humid conditions to the state in the third week of August, with a peak of the cool spell felt on August 21 when 24 daily low temperature records were set or tied across the state.



Coming out of that cool spell temperatures rose for the final days of August with a strong heat wave impacting the state bringing several days of highs in the 90's or 100's. However, this heatwave was not accompanied by high humidity, so while the air temperature broke 100°F in many locations, the heat index stayed below Heat Advisory or Excessive Heat Warning thresholds. In Nashville the temperature reached 100°F or higher 3 days in a row (August 27-29) for the first time since July of 2012.

**US National Weather Service Memphis Tennessee**  
5 days ago

It is a scorcher out there today Mid-South. Nearly every spot in the area is pushing 100 F.

### Current Temps (°F)

4 SW Millington, TN	97	Aberdeen, MS	99	Aberdeen, MS	97
Batesville, MS	99	Bolivar, TN	99	Camden, TN	100
Chickasaw State Park	99	Clarksdale, MS	99	Coffeeville, MS	99
Corinth, MS	99	Corning, AR	97	Covington, TN	97
Dyersburg, TN	95	Greenfield, TN	99	Harrisburg, AR	99
Holly Springs National Forest	98	Huntingdon, TN	99	Iuka, MS	99
Jackson, TN	99	Jonesboro, AR	99	Kennett, MO	97
Malden, MO	97	Memphis, TN	99	Millington, TN	97
Olive Branch, MS	99	Oxford, MS	97	Paris, TN	95
Parsons, TN	97	Savannah, TN	99	Selmer, TN	97
Shiloh, TN	102	Somerville, TN	97	Troy, MS	100
Tunica, MS	100	Tupelo, MS	99	Union City, TN	97
		West Memphis, AR	97		

Updated: 08/26/2024 01:28 PM NWS Memphis

## Major Heat Risk

Tuesday - Thursday

Forecast Highs	Forecast Lows	Afternoon Heat Index
93-101°	65-73°	97-104°

- Stay hydrated
- Reduce time outdoors between 10 am - 6 pm
- Stay in a cool place during the heat of the day

**moderate**

MODERATE risk of heat-related illness for those sensitive to heat without protective action

**major**

HIGH risk of heat-related illness for much of the population without protective action

low   minor   extreme

National Weather Service - Nashville, TN  
weather.gov/ohx

Updated: Monday, August 26, 2024



This string of high heat and low relative humidity acted to intensify drought impacts towards the end of the month, before scattered storms brought relief to some areas in the last days of August and September 1. However, many areas recorded little to no rain with these storms so drought conditions are expected to continue into the start of September.

As meteorological summer (June 1 – August 31) came to an end, this season ended up being the 4<sup>th</sup> driest summer on record for Chattanooga (with a weather history of 146 years). None of the other long-term climate monitoring stations recorded a top-10 wettest or driest summer season this year, but the Crossville Airport weather station also recorded the 3<sup>rd</sup> driest summer season in the station’s 71-year weather history. Looking at the mean temperature for the summer season, 2024 was the 4<sup>th</sup> warmest for Oak Ridge’s 77-year history, tied for 5<sup>th</sup> warmest summer in Chattanooga, and was the 9<sup>th</sup> warmest summer in Nashville’s 150-year weather history and the Tri-Cities’ 77-year weather history.



### Storm Reports:

*\*Storm Reports are based on filtered NOAA Storm Prediction Center data or local NWS storm reports. Future quality control checks may change the official record of severe events, please see [spc.noaa.gov](https://www.spc.noaa.gov) for any updates.*

During the month of August 2024 there were 7 days with severe storm reports, with no tornado reports, 45 reports of severe winds/severe wind damage, and 1 report of severe hail (1" or larger).

#### August 1



#### Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
0:55	--	2 SW Norris	Anderson	36.19	-84.09	Tree down on Norris Freeway. Time estimated from radar. (MRX)
1:15	--	Maynardville	Union	36.25	-83.81	A few trees down in Maynardville. Time estimated by radar. (MRX)
1:25	--	5 NNW Farragut	Knox	35.94	-84.2	Tree down on Couch Mill Road. Time estimated by radar. (MRX)
1:46	--	1 E Buffalo Springs	Grainger	36.22	-83.54	Trees down east of Buffalo Springs. Time estimated from radar. (MRX)
1:50	--	5 SSW Mascot	Knox	36.01	-83.82	Tree and powerlines down on Hammer Road. Road comes off John Sevier Highway just south of Interstate 40. (MRX)
1:50	--	4 W Gallatin	Sumner	36.37	-86.52	Tspotter report and photo of large tree snapped on Saint Blaise Rd. (OHX)
2:00	--	New Market	Jefferson	36.1	-83.55	Multiple trees down in the area. (MRX)
2:10	--	Morristown	Hamblen	36.21	-83.3	Multiple trees down... including one on a powerline. (MRX)
2:30	--	1 NE Maryville	Blount	35.76	-83.96	Tree down at Short Street and McAdams Avenue. Time estimated from radar. (MRX)
2:56	--	4 WSW Goodlettsville	Davidson	36.31	-86.77	Facebook report of tree down in the Goodlettsville-Union Hill area. (OHX)

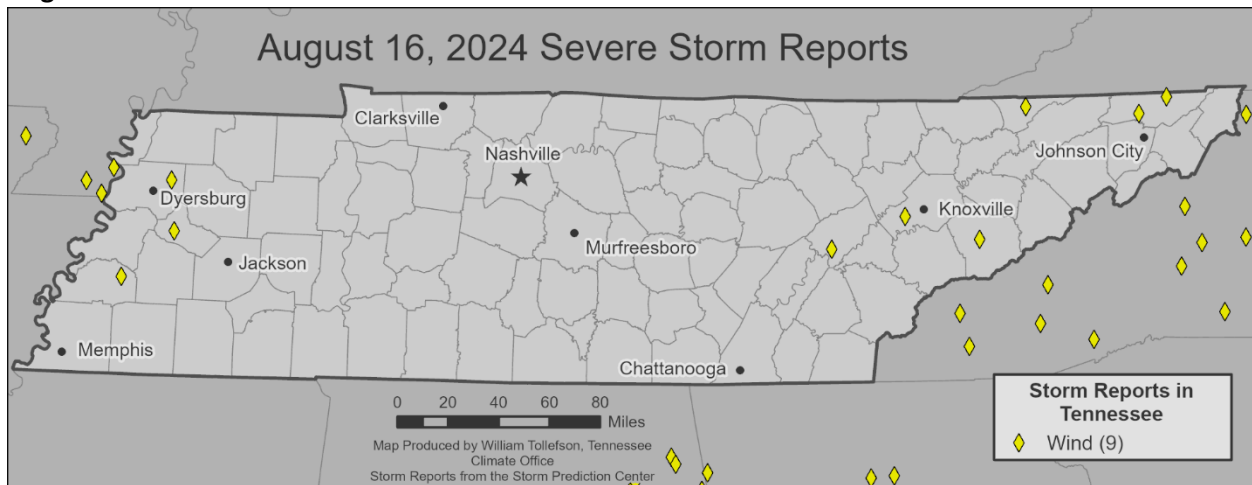
**August 2**



Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
14:45	--	7 SSE Shelbyville	Bedford	35.39	-86.41	Tspotter report and photo showed tree tops blown down in Flat Creek area. (OHX)

**August 16**



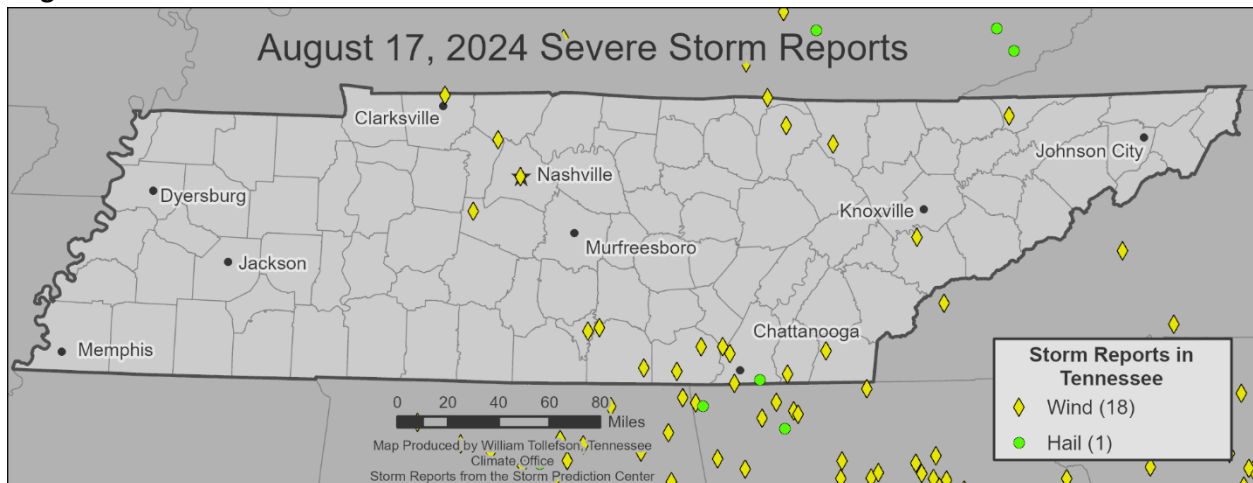
Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
20:55	--	Sneedville	Hancock	36.54	-83.21	Numerous trees and powerlines down with over 1...300 power outages/nearly 270f tracked customers out. (MRX)
21:00	--	3 SSW Fairview	Roane	35.75	-84.6	Numerous trees and powerlines down with just under 1...400 power outages in Roane County. (MRX)
21:20	--	4 SE Karns	Knox	35.93	-84.08	Multiple reports of trees down via dispatch. (MRX)

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Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
21:50	--	Pigeon Forge	Sevier	35.79	-83.56	Trees and powerlines down with 4...400 power outages across the county. (MRX)
22:09	59	Tri-City Airport	Sullivan	36.48	-82.41	(MRX)
22:33	--	1 W Bristol Tn	Sullivan	36.57	-82.21	Half dozen trees down and estimated 65 mph winds. (MRX)
8:15	--	1 ESE Newbern	Dyer	36.11	-89.25	Large tree blown down onto a vehicle in Newbern. (MEG)
8:22	--	4 ESE Covington	Tipton	35.55	-89.58	Several large tree limbs downed in the Gift community. (MEG)
8:48	--	Maury City	Crockett	35.82	-89.22	Report of a tree fallen onto a home in Maury City. (MEG)

August 17



Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
19:05	--	6 SSW Chattanooga	Hamilton	34.99	-85.29	Power Poles down on Rossville Blvd. Location approximate from dispatch. (MRX)
19:08	--	3 ENE Lynchburg	Moore	35.29	-86.31	A tree was reported down at 216 Ashley Road. Time estimated by radar. (HUN)
19:10	--	3 NNE South Pittsburg	Marion	35.06	-85.69	Trees down in Jasper Highlands community. Time estimated from radar. (MRX)
19:17	--	6 WNW Estill Springs	Franklin	35.31	-86.23	Trees were reported down on Highway 130. Time estimated by radar. (HUN)

August 2024 Tennessee State Climate Summary

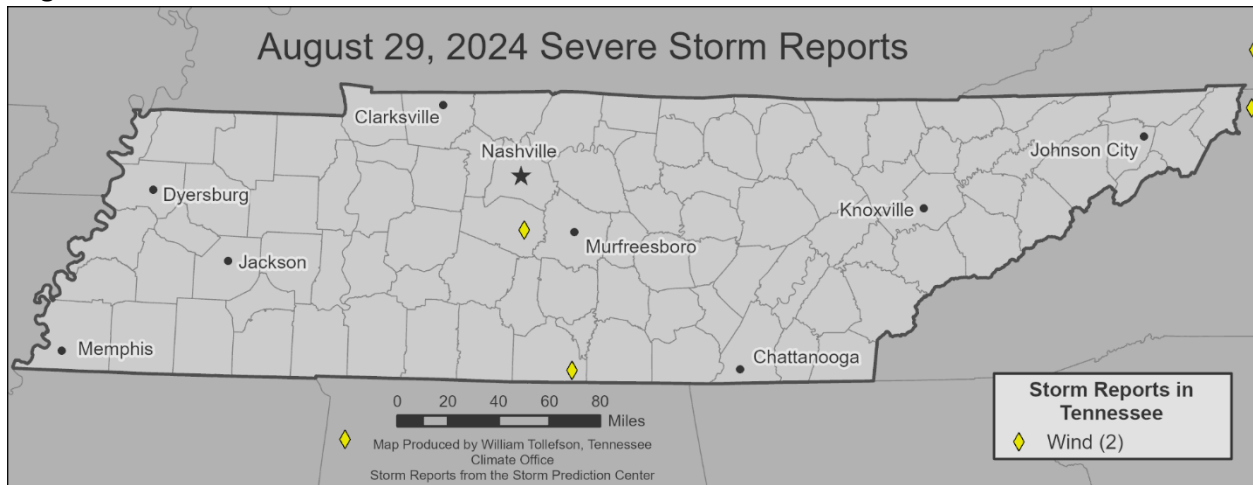
Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
19:30	--	Whitwell	Marion	35.2	-85.52	Trees down in the Whitwell area. Time estimated from radar. (MRX)
19:33	--	8 SE Cowan	Franklin	35.08	-85.92	Trees were reported down in Sherwood. Time estimated by radar. (HUN)
19:36	--	Lone Oak	Sequatchie	35.2	-85.37	Trees down in the Lone Oak area. Time estimated from radar. (MRX)
19:40	--	2 NE Signal Mountain	Hamilton	35.16	-85.32	Trees down in the Walden and Fairmont area. Time estimated from radar. (MRX)
19:50	--	1 NW Flint Springs	Bradley	35.04	-84.92	Trees down on Blue Springs Road near Hungry Hollow Road. Trees down on Dalton Pike Hwy 60 in the Flint Springs area. Time estimated from radar. (MRX)
20:10	--	Benton	Polk	35.17	-84.65	Four to five trees down on Etowah Road or Hwy 411 in Benton. Time estimated from radar. (MRX)
0:45	--	2 NE Jamestown	Fentress	36.46	-84.91	Several trees were blown down along Pickett Park Hwy. (OHX)
1:15	--	3 WSW Evanston	Hancock	36.49	-83.33	Social media report of trees and powerlines down in the western portion of the county; time is estimated from radar. (MRX)
1:25	--	2 NE Elgin	Scott	36.35	-84.58	911 call center received 3 calls of downed trees as well as sporadic reports of power outages across the county. Time estimated by radar. (MRX)
2:30	--	5 N Clarksville	Montgomery	36.63	-87.33	Social media reports of several trees down and minor roof damage to homes in the I-24 Exit 1 and Tiny Town Road areas. (OHX)
2:51	--	4 SSE Coopertown	Robertson	36.38	-86.95	Tree down on house in the 1600 block of Martin Chapel Rd. No injuries but minor damage to house. (OHX)
3:05	--	Nashville	Davidson	36.17	-86.79	Tree snapped blocking 7th Ave N behind the Farmers Market. (OHX)
4:13	--	1 S Fairview	Williamson	35.97	-87.12	Facebook report of a tree down blocking Chester Rd at Birch Bark Dr. (OHX)
5:09	64	2 NW Alcoa	Blount	35.81	-84	McGhee Tyson Airport(KTYS) ASOS station recorded 64 mph wind gust. (MRX)

August 2024 Tennessee State Climate Summary

Hail:

Time (UTC)	Size (in)	Location	County	Lat	Lon	Comments
19:30	1.00	East Brainerd	Hamilton	35.01	-85.11	Social Media report of quarter sized hail in East Brainerd. Time estimated from radar. (MRX)

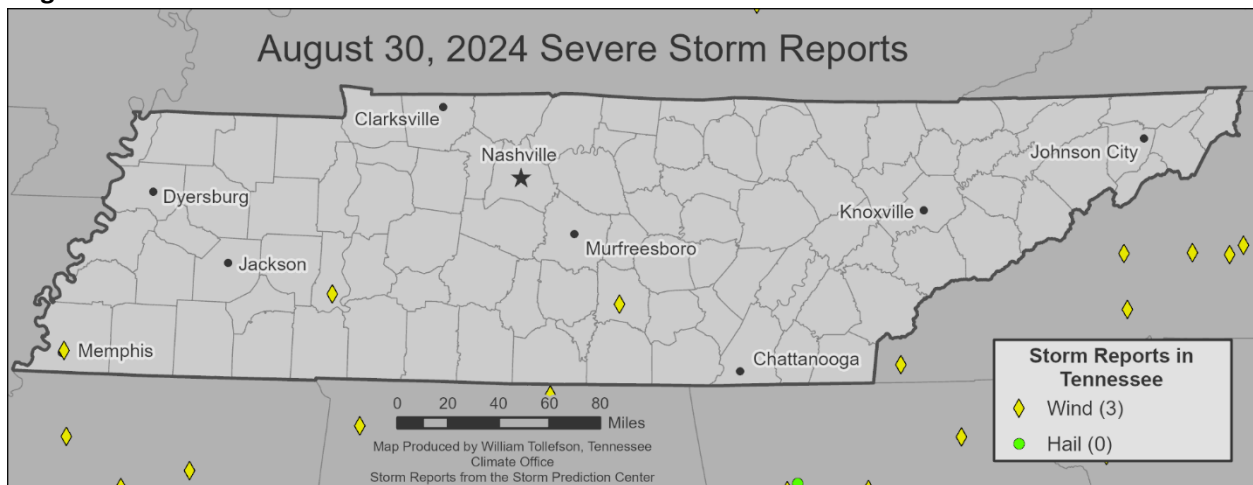
August 29



Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
0:20	--	9 W Huntland	Lincoln	35.06	-86.42	Multiple trees were knocked down and a shed flipped over. Time estimated by radar. (HUN)
0:25	--	7 WNW College Grove	Williamson	35.86	-86.76	Tspotter report of several trees down on Arno Road. (OHX)

August 30

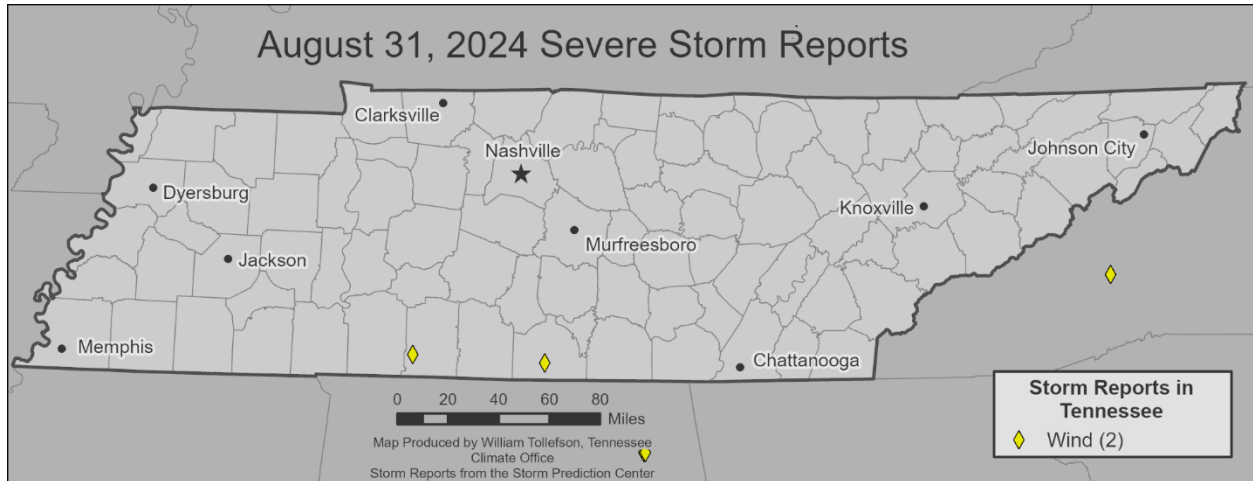


August 2024 Tennessee State Climate Summary

Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
20:02	--	1 SSW Manchester	Coffee	35.45	-86.09	tSpotter report of minor damage in Manchester. At 5th Avenue and Royal Trail... a tree split onto a power line. Time estimated from radar. (OHX)
20:14	--	7 S Decaturville	Decatur	35.49	-88.1	Numerous trees down and a few across the roadway near the intersection of Three Way Road and Bobs Landing Road. (MEG)
23:39	--	2 SE Midtown Memphis	Shelby	35.12	-89.96	Tree down on roadway at intersection of Country Club Lane and Southern Ave. Another tree down on roadway at intersection of South Parkway and Cooper Street. (MEG)

August 31



Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
21:19	--	5 SSW Fayetteville	Lincoln	35.09	-86.61	A tree was knocked down into the roadway at 74 Carmargo Road. Time estimated by radar. (HUN)
22:05	--	West Point	Lawrence	35.13	-87.53	Photos received of portions of a roof blown off a chicken barn in West Point. Time is radar estimated. (OHX)

CPC Outlooks for the Next Month:

The NOAA Climate Prediction Center outlooks for September show almost all of Tennessee with above normal temperatures and below or near normal precipitation, regardless of timestep.

