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Tennessee Climate Office Monthly Report

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8-1-2022

### 2022 August - Tennessee Monthly Climate Report

Tennessee Climate Office, East Tennessee State University

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# August 2022 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

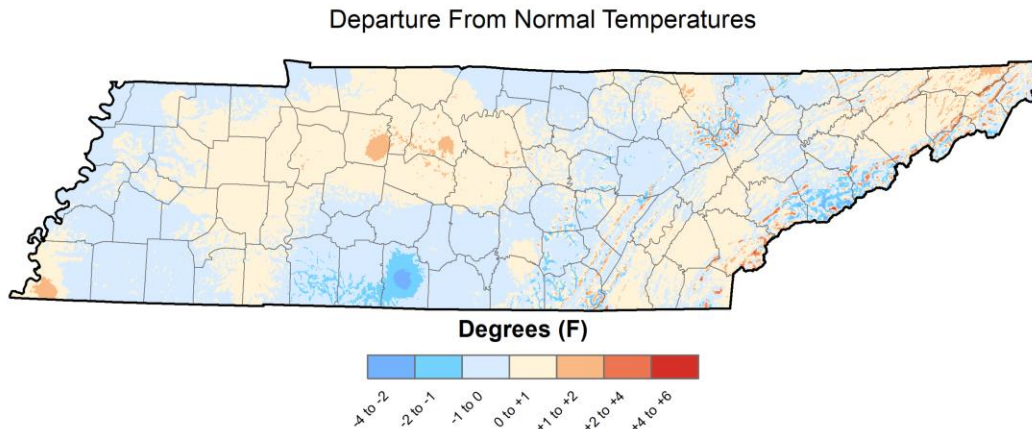
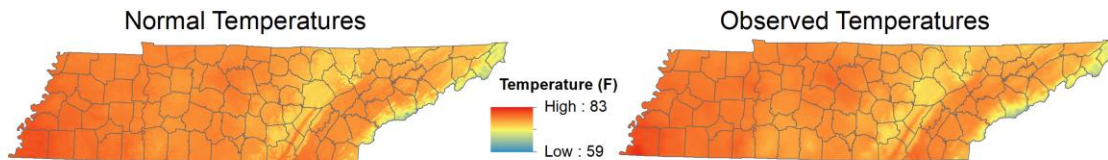
## Monthly Temperature Summary:

Averaged over the month, mean temperatures were within 1°F of the 1991-2020 30-year climate normals for most areas of Tennessee. However, within the month, the first and last weeks of August were quite warm, with temperatures reaching into the mid- or upper-90's in many parts of the state. The middle two weeks of the month were cooler with low temperatures dipping into the 50's for many stations at least once during this time period. Temperatures during the month ranged from a low of 43°F at Mt LeConte (in the Great Smoky Mountains National Park) on the 3<sup>rd</sup>, to a high of 98°F at Memphis International Airport and Mousetail Landing State Park (Perry County) on August 27 and 28.

The cool period during the middle of August produced 16 broken and 8 tied daily record-cool high temperatures at weather stations with at least 30-year reporting histories, this included 4 broken records at stations with over a 100-year reporting history. On the warm side, there were 3 broken and 2 tied daily record high temperatures and 8 broken and 13 tied daily record-warm low temperatures set at stations with at least a 30-year reporting history. No monthly temperature records were set in Tennessee this month, and none of the long-term climate reporting stations had a top-ten warmest or coolest August this year.



## August 2022 Mean Temperature



Stations with the highest mean temperature

Station Name	Station Type	Mean Temperature (F)
MEMPHIS INTERNATIONAL AP	WBAN	83
MEMPHIS WFO	WBAN	80
NASHVILLE INTL AP	WBAN	80
NASHVILLE BERRY FIELD	COOP	79.7
SHILOH NMP TENNESSEE	RAWS	79.7

Map Data From: PRISM Climate Group, Oregon State University, 1991-2020 Normals Used, Station Data retrieved from XM ACIS2

Stations with the lowest mean temperature

Station Name	Station Type	Mean Temperature (F)
MT LECONTE	COOP	58.8
NEWFOUND GAP	COOP	64.9
ROAN MOUNTAIN 3SW	COOP	67
CHEROKEE TENNESSEE	RAWS	69.4
MOUNTAIN CITY 2	COOP	70.7

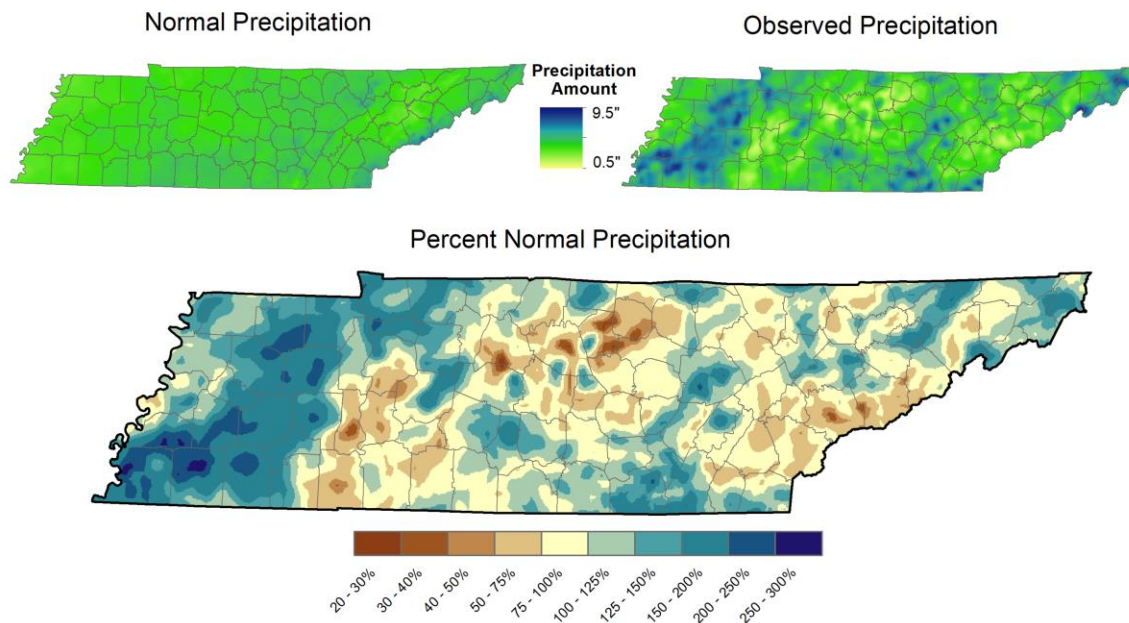
### Monthly Precipitation Summary:

Precipitation amounts varied greatly across Tennessee this month. The majority of West Tennessee recorded above average rainfall and some areas in the southwest corner of the state recorded over 250% of their normal August rainfall! This rainfall in West Tennessee was spread throughout the month, with some part of the region recording above normal precipitation each week of the month, after the first week. The repeated rains drastically improved drought conditions that had set up in West Tennessee from late spring through July. In Middle and East Tennessee, rainfall was much more varied with slow moving storms producing heavy rains in some locations while other areas missed out on these rains and recorded less than 30% of their normal August rainfall totals.

With these heavy thunderstorm rains, there were 19 broken and 2 tied daily precipitation records, including 6 records set at stations with over 100-year reporting histories. Looking at the longer-term climate reporting stations; it was the 4<sup>th</sup> wettest August on record for the Jackson Airport, with a station history going back 73 years, but it was only the 6<sup>th</sup> wettest August on record for the Jackson Experimental Station which has a station history going back 119 years. It was the 7<sup>th</sup> wettest record for the Chattanooga Airport, with a station history going back 95 years, but only 12<sup>th</sup> when looking at the full 144-year weather history for the city. It was also the 9<sup>th</sup> wettest August on record for the Memphis Airport, with a station history going back 83 years, but it was only the 16<sup>th</sup> wettest when looking at the full 148-year weather history for the city.



## August 2022 Precipitation



Stations with the most precipitation

Station Name	Station Type	Total Precipitation (in)
FAIRFIELD GLADE 0.1 NNW	CoCoRaHS	11.84
WHITWELL 4.5 ENE	CoCoRaHS	10.23
CHURCH HILL 1.0 ENE	CoCoRaHS	9.89
ATOKA 3.2 ESE	CoCoRaHS	9.74
JACKSON 9.3 NE	CoCoRaHS	9.38

Map Data From: PRISM Climate Group, Oregon State University, 1991-2020 Normals Used, Station Data retrieved from XM ACIS2

Stations with the least precipitation

Station Name	Station Type	Total Precipitation (in)
BRENTWOOD 0.5 SSW	CoCoRaHS	0.75
NASHVILLE 4.1 SSW	CoCoRaHS	0.9
MARYVILLE 4.9 S	CoCoRaHS	0.95
SMYRNA 2.1 E	CoCoRaHS	1.13
MURFREESBORO 7.9 NNW	CoCoRaHS	1.15

**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>	91.8	74.1	83.0	<b>+0.9</b>	98	8/27	68	8/17	5.95	<b>+2.58</b>	<b>177%</b>
<b>Jackson</b>	88.0	68.0	78.0	<b>-0.3</b>	94	8/7	60	8/14	7.31	<b>+3.78</b>	<b>207%</b>
<b>Clarksville</b>	88.9	68.5	78.7	<b>+1.3</b>	94	8/28	61	8/13	4.21	<b>+1.31</b>	<b>145%</b>
<b>Nashville</b>	89.6	70.4	80.0	<b>+0.3</b>	95	8/28	63	8/14	3.99	<b>+0.20</b>	<b>105%</b>
<b>Chattanooga</b>	88.3	70.9	79.6	<b>-0.4</b>	94	8/6	66	8/18	6.68	<b>+3.01</b>	<b>182%</b>
<b>Crossville</b>	81.4	63.7	72.5	<b>-0.4</b>	87	8/3	57	8/13	5.49	<b>+1.88</b>	<b>152%</b>
<b>Knoxville</b>	87.4	68.2	77.8	<b>+0.2</b>	93	8/3	63	8/24	2.62	<b>-1.01</b>	<b>72%</b>
<b>Bristol</b>	86.7	64.8	75.7	<b>+1.2</b>	93	8/28	57	8/13	2.80	<b>-0.96</b>	<b>74%</b>

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

**Hottest Stations (highest maximum temperature)**

Station Name	Station Type	Highest Temperature (F)	Date
MOUSETAIL LANDING STATE PARK	COOP	98	28
MEMPHIS INTERNATIONAL AP	WBAN	98	27
SEVIERVILLE	COOP	97	4
KINGSTON SPRINGS	COOP	97	29
CARTHAGE	COOP	97	10
CLARKSVILLE NO.2	COOP	97	8
OLD HICKORY DAM	COOP	96	4
LEBANON 7 N	COOP	96	4
AMES PLANTATION	COOP	96	9
GAINESBORO	COOP	96	4
CAMDEN TOWER TENNESSEE	RAWS	96	7
SHILOH NMP TENNESSEE	RAWS	96	28
MEMPHIS WFO	WBAN	96	9

*Seven stations tied for the 7<sup>th</sup> hottest temperature (96°F)*

**Coldest Stations (lowest minimum temperature)**

Station Name	Station Type	Lowest Temperature (F)	Date
MT LECONTE	COOP	43	3
MILAN EXP STN	COOP	51	13
SPARTA WASTEWATER PLANT	COOP	51	29
NEWFOUND GAP	COOP	51	17
MOUNTAIN CITY 2	COOP	52	13
ROAN MOUNTAIN 3SW	COOP	52	24
ONEIDA	COOP	53	31
PICKETT STATE PARK	COOP	53	16
CHEROKEE TENNESSEE	RAWS	53	18
GATLINBURG 2 SW	COOP	54	11
BRENTWOOD	COOP	54	18
TOWNSEND 5S	COOP	54	30
CROSSVILLE AREA OFFICE TENNESS	RAWS	54	13

*Four stations tied for the 10<sup>th</sup> coldest temperature (54°F)*

**Warmest Stations (highest mean temperatures)**

Station Name	Station Type	Mean Temperature (F)
MEMPHIS INTERNATIONAL AP	WBAN	83
MEMPHIS WFO	WBAN	80
NASHVILLE INTL AP	WBAN	80
NASHVILLE BERRY FIELD	COOP	79.7
SHILOH NMP TENNESSEE	RAWS	79.7
CHATTANOOGA AP	WBAN	79.6
CAMDEN TOWER TENNESSEE	RAWS	79.5
MOUSETAIL LANDING STATE PARK	COOP	79.4
GERMANTOWN 4SE	COOP	79.4
BOLIVAR WATER WORKS	COOP	79.3

**Coollest Stations (lowest mean temperatures)**

Station Name	Station Type	Mean Temperature (F)
MT LECONTE	COOP	58.8
NEWFOUND GAP	COOP	64.9
ROAN MOUNTAIN 3SW	COOP	67
CHEROKEE TENNESSEE	RAWS	69.4
MOUNTAIN CITY 2	COOP	70.7
TOWNSEND 5S	COOP	71.3
GATLINBURG 2 SW	COOP	71.5
COALMONT	COOP	72
CROSSVILLE MEMORIAL AP	WBAN	72.5
FALL CREEK FALLS SP	COOP	73

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

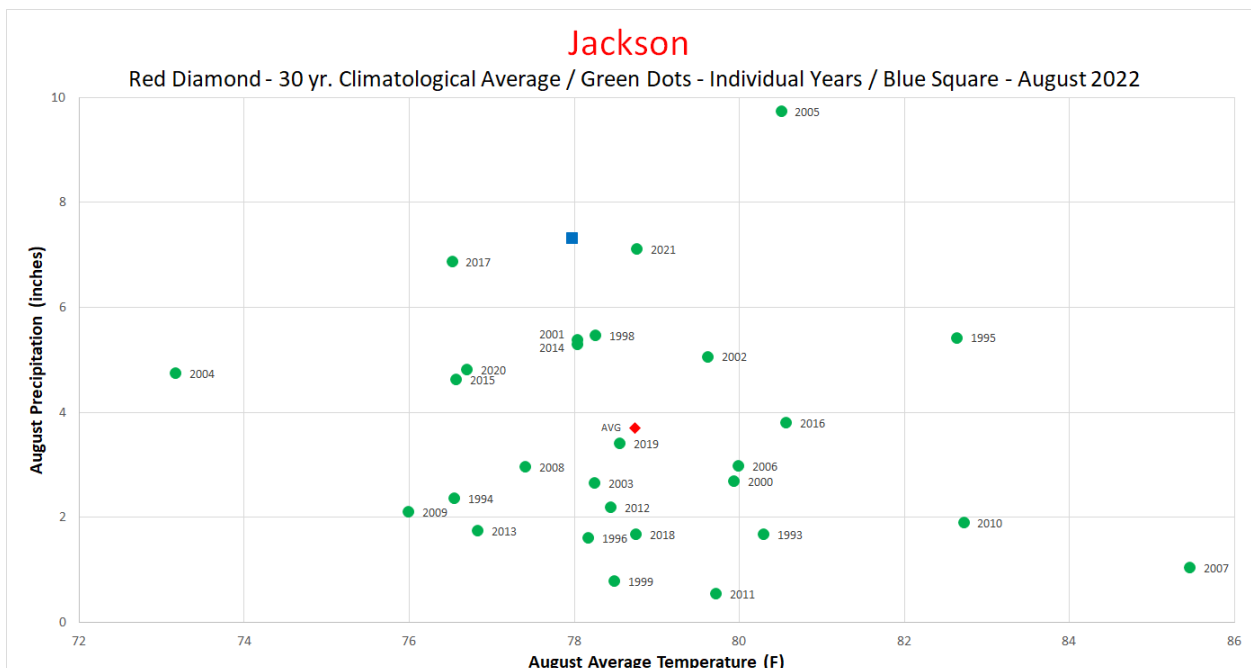
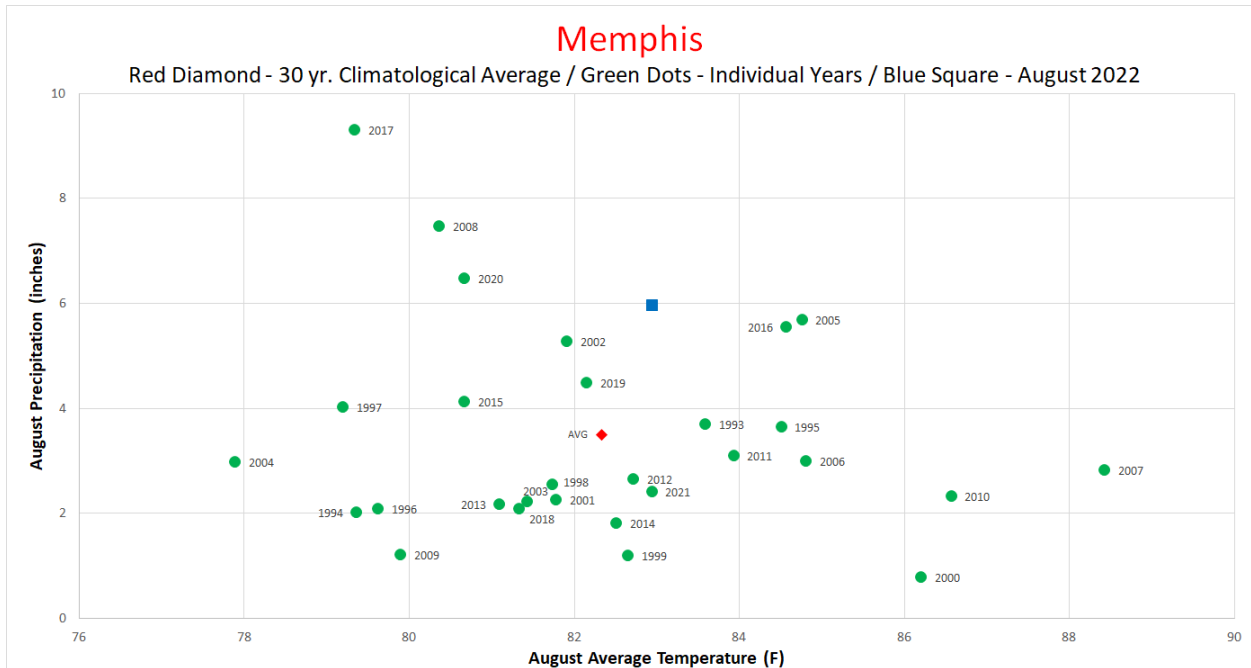
Station Name	Station Type	Total Precipitation (in)
FAIRFIELD GLADE 0.1 NNW	CoCoRaHS	11.84
WHITWELL 4.5 ENE	CoCoRaHS	10.23
CHURCH HILL 1.0 ENE	CoCoRaHS	9.89
ATOKA 3.2 ESE	CoCoRaHS	9.74
JACKSON 9.3 NE	CoCoRaHS	9.38
BOLIVAR WATER WORKS	COOP	9.38
CROSSVILLE 5.8 SSW	CoCoRaHS	9.2
MEMPHIS 12.0 SE	CoCoRaHS	8.63
CHATTANOOGA 5.1 ENE	CoCoRaHS	8.45
HUNTINGDON WATER PLANT	COOP	7.9

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

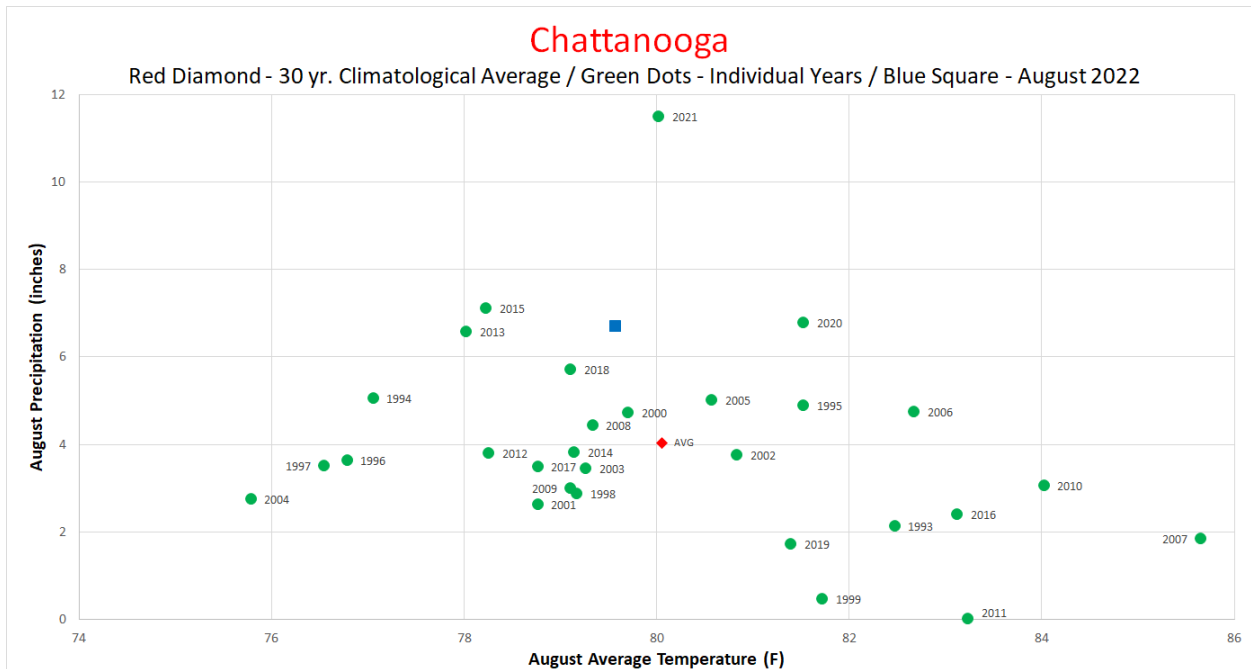
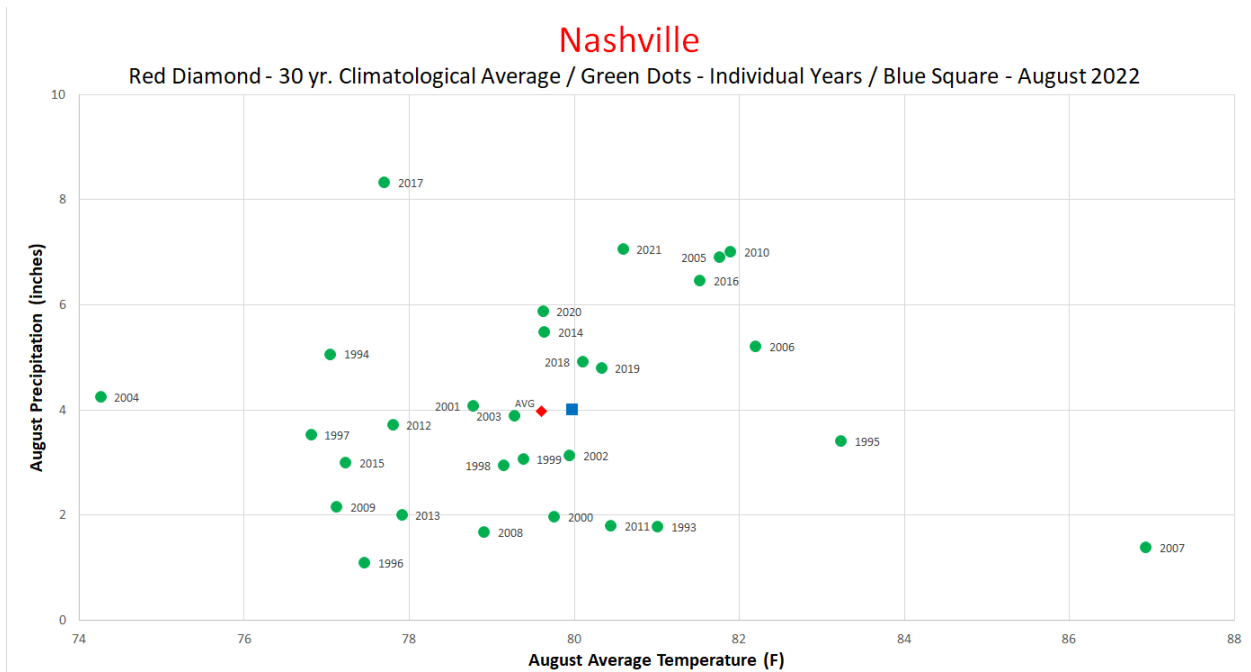
Station Name	Station Type	Total Precipitation (in)
BRENTWOOD 0.5 SSW	CoCoRaHS	0.75
NASHVILLE 4.1 SSW	CoCoRaHS	0.9
MARYVILLE 4.9 S	CoCoRaHS	0.95
SMYRNA 2.1 E	CoCoRaHS	1.13
MURFREESBORO 7.9 NNW	CoCoRaHS	1.15
BELLE MEADE 1.2 ESE	CoCoRaHS	1.16
MOUSETAIL LANDING STATE PARK	COOP	1.18
GORDONSVILLE 1.4 ENE	CoCoRaHS	1.23
NASHVILLE 5.2 S	CoCoRaHS	1.24
SMYRNA 3.0 ESE	CoCoRaHS	1.36

### The Month in Comparison:

Comparing the mean temperature and total precipitation of August 2022 to the mean temperatures and total precipitation from August over the past thirty years at select automated weather stations across Tennessee, all stations were close to the average temperature value this month. The Knoxville and Bristol/Tri-Cities airport weather stations reported below average precipitation this August, but it was not one of their top-5 driest Augusts of the past thirty years. The Nashville airport weather station recorded almost exactly its average rainfall for August, while the Chattanooga, Jackson, and Memphis airports reported above average rainfall this August. It was the 4<sup>th</sup> wettest August of the past thirty years at the Memphis airport, and the 2<sup>nd</sup> wettest August of the past thirty years at the Jackson Airport.

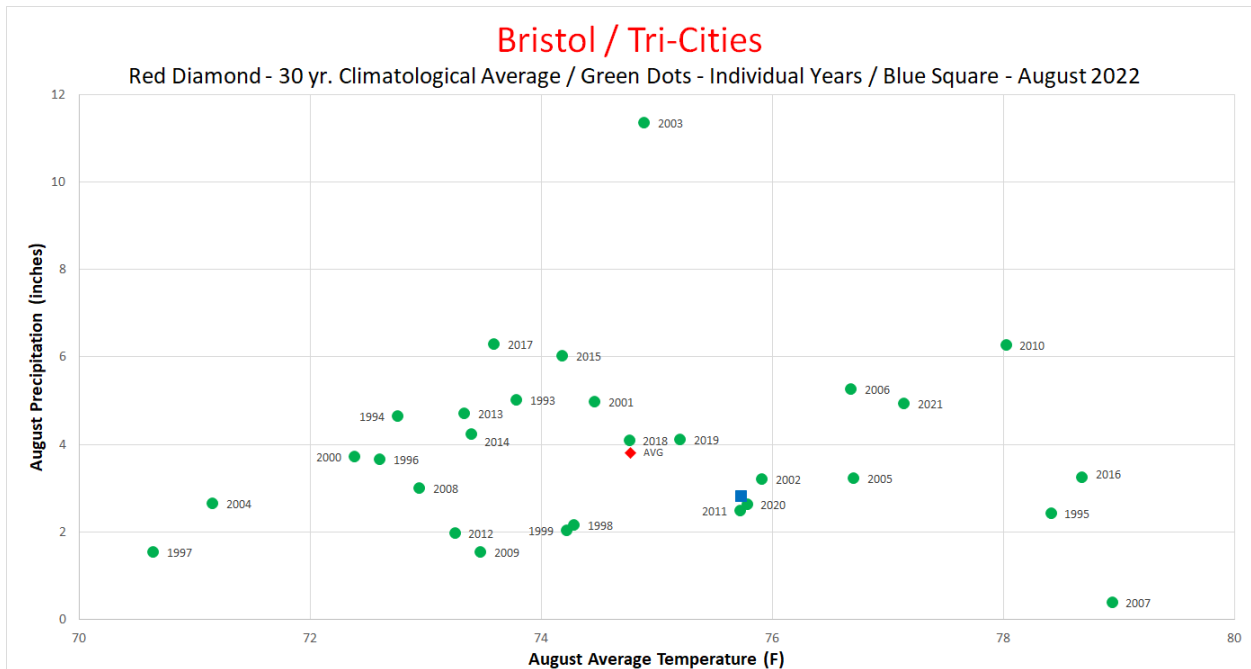
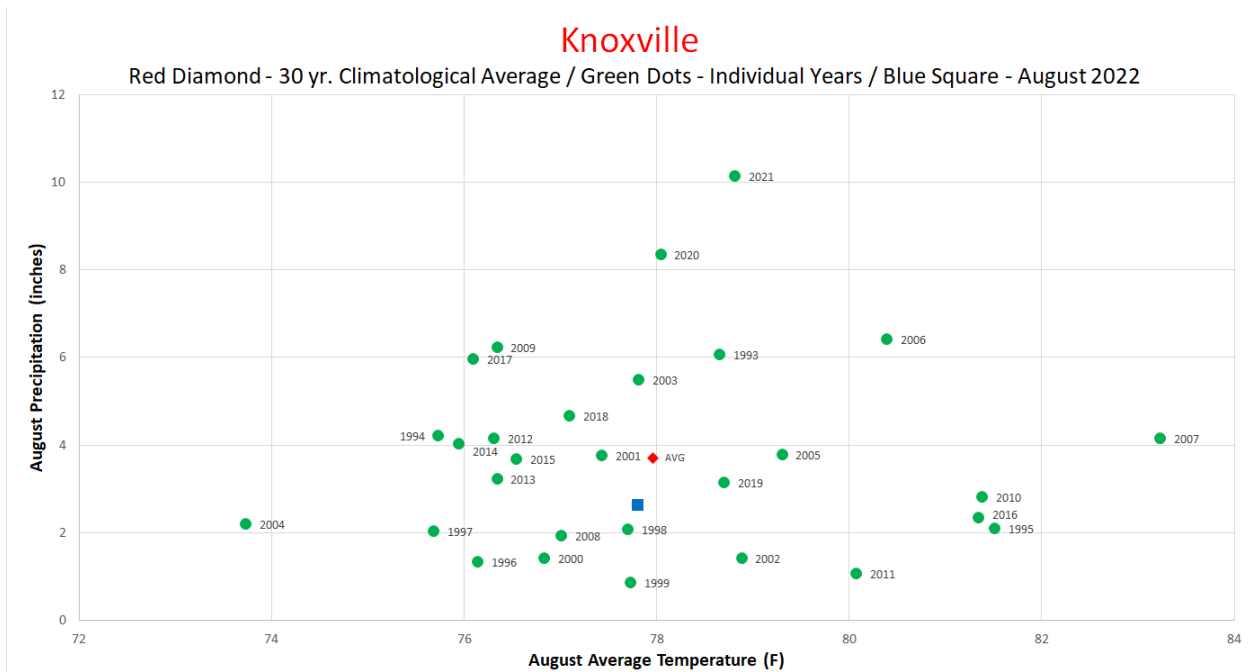


August 2022 Tennessee State Climate Summary





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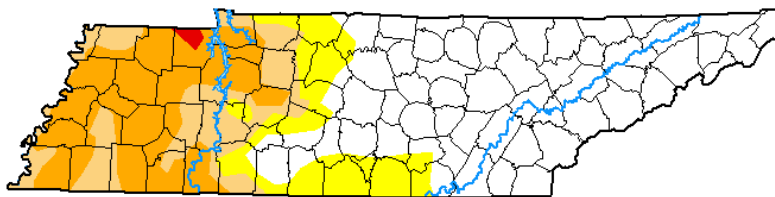


### Drought Monitor:

August started out with all of West Tennessee in some level of drought in the US Drought Monitor, with a small area of Extreme Drought (D3) in Henry County. Drought and Abnormally Dry conditions were also observed in western and southern parts of Middle Tennessee. However, frequent heavy rains throughout August substantially improved drought conditions across the state, with parts of West Tennessee having 3 or 4 class improvements by the last US Drought Monitor release of the month. In the August 2 Drought Monitor, 0.37% of the state was in Extreme Drought (D3), 21.28% of the state was in Severe Drought (D2), 12.81% of the state was in Moderate Drought (D1), and 12.07% of the state was in Abnormally Dry conditions (D0). By the end of the month there were no areas of Extreme or Severe Drought (D3 or D2), and only 2.16% of the state was in Moderate Drought (D1) and 10.27% of the state was in Abnormally Dry (D0) conditions.

### U.S. Drought Monitor Tennessee

**August 2, 2022**  
(Released Thursday, Aug. 4, 2022)  
Valid 8 a.m. EDT



Intensity:

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



droughtmonitor.unl.edu

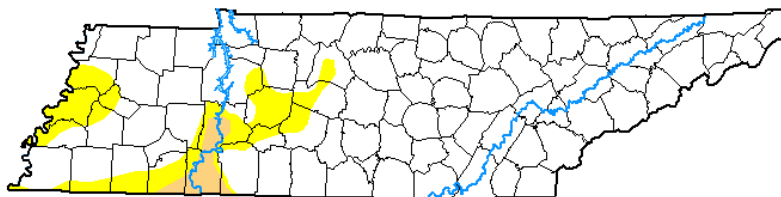
Author:

Curtis Riganti  
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 30, 2022**  
(Released Thursday, Sep. 1, 2022)  
Valid 8 a.m. EDT



Intensity:

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



droughtmonitor.unl.edu

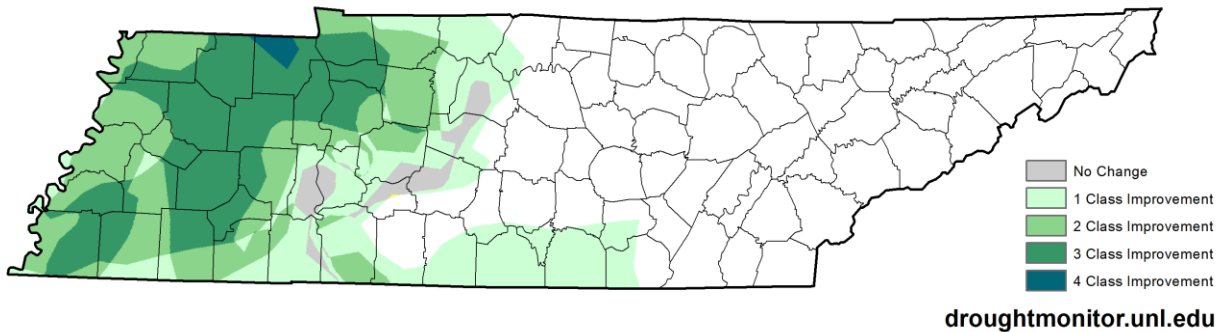
Author:

Deborah Bathke  
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>*

August 30, 2022  
 compared to  
 August 2, 2022

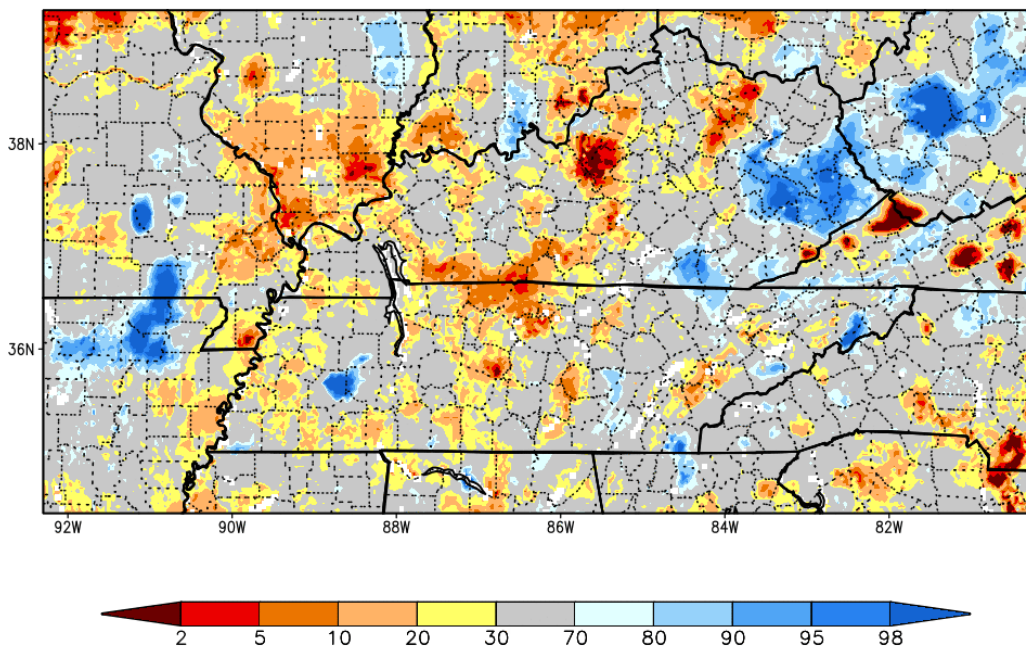
**U.S. Drought Monitor Class Change - Tennessee**  
 4 Week



**Soil Moisture:**

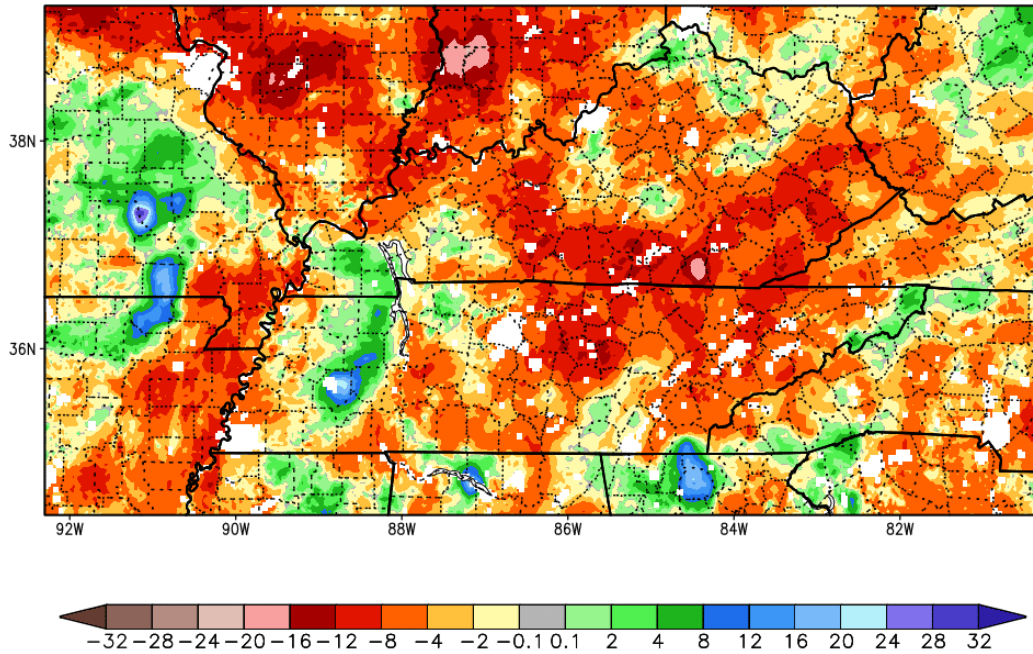
Looking at the NASA SPoRT Land Information System data, most areas of the state were within the normal range (30<sup>th</sup> to 70<sup>th</sup> percentile) for soil moisture in the top two meters of the ground by the end of August. Some areas of below normal soil moisture persisted in West Tennessee and in areas of Middle and East Tennessee that missed out on the heavier rains during the month. But there were also a few pockets of above normal soil moisture levels in the state as well. Generally, the eastern half of Tennessee saw decreasing levels of soil moisture through the month, but many of these areas started the month with well above normal soil moisture levels, so it was not a major concern for most areas. The last Crop Weather Report from the USDA in August reported that topsoil moisture was 3% very short, 22% short, 73% adequate, and 2% surplus, and subsoil moisture was 2% very short, 24% short, 72% adequate, and 2% surplus.

**SPoRT-LIS 0-200 cm Soil Moisture percentile valid 31 Aug 2022**



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

1-Month Difference in Column Relative Soil Moisture (%) valid 12z 31 Aug 2022



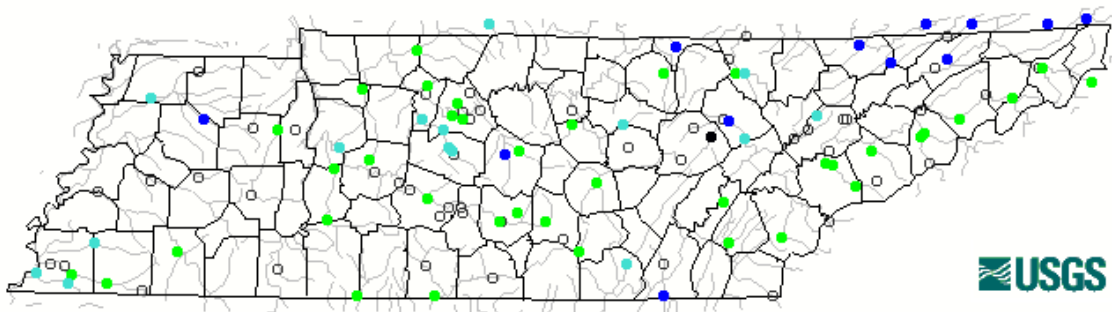
\*\*NOTE\*\*  
\*\*Experimental\*\*

**Streamflow:**

Streamflow levels were normal to above normal for the month of August across Tennessee, with some gauges reporting much above normal flow levels, especially in northeast Tennessee and some other isolated areas.

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

August 2022



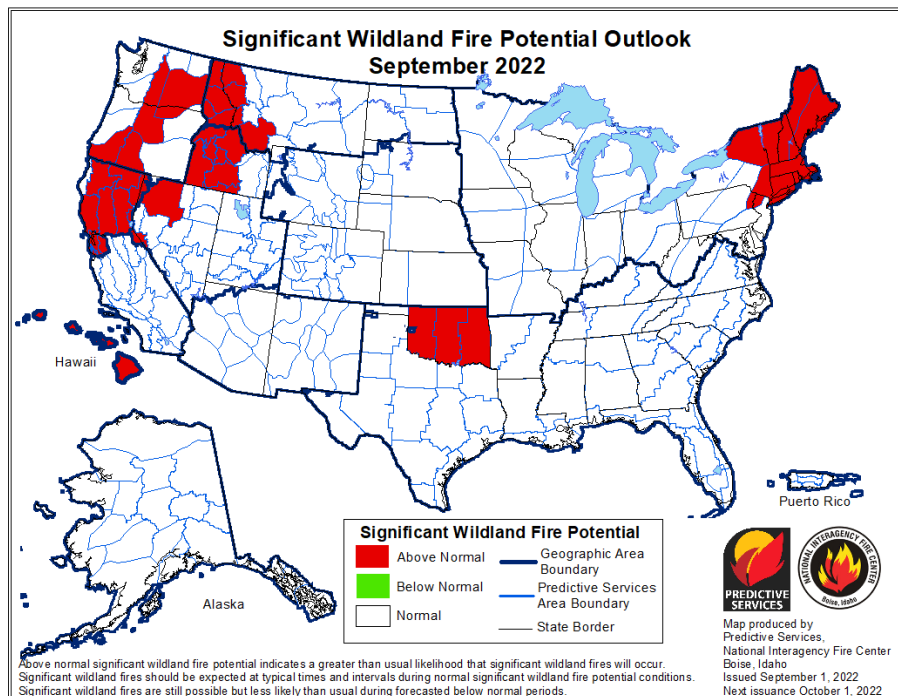
Explanation - Percentile classes							
●	●	●	●	●	●	●	○
Low	<10 Much below normal	10-24 Below normal	25-75 Normal	76-90 Above normal	>90 Much above normal	High	Not-ranked

Miscellaneous:

**Crop Conditions from USDA:** Dry conditions earlier in the summer are still impacting Tennessee’s corn crop, with 42% of the crop reported in Poor or Very Poor condition by the end of August, but harvest had begun by the end of the month. We should have a better understanding of the yields next month. Rains in August did help improve other crops across the state, especially cotton which had 32% of the crop reported in Poor to Very Poor condition at the beginning of August, but that number dropped to 20% by the end of August. The dry conditions were also a concern for pastures and hay yields, but rains this month have improved the conditions, and many across the state were able to get hay cuttings this month. The tobacco harvest began this month, with producers in Middle Tennessee having favorable weather in the middle of the month, and 49% of the crop reported in Good or Excellent condition by the end of the month.

CROP PROGRESS	This Week	Last Week	2021	5 Year Avg.	CONDITION					
					Item	Very Poor	Poor	Fair	Good	Excellent
	Percent					Percent				
Corn – Dough	97	92	98	97	Corn	20	22	29	27	2
Corn – Dented	80	60	79	81	Cotton	8	12	32	41	7
Corn – Mature	28	9	22	29	Soybeans	6	14	33	37	10
Corn – Harvested	2	N/A	1	2	Pasture	1	11	34	48	6
Cotton – Setting Bolls	97	95	96	98	Tobacco	3	10	38	40	9
Cotton – Bolls Opening	13	7	5	13						
Soybeans – Setting Pods	92	80	89	90						
Soybeans – Dropping Leaves	8	1	9	7						
Tobacco – Topped	96	93	94	N/A						
Tobacco – Cut	35	15	N/A	N/A						

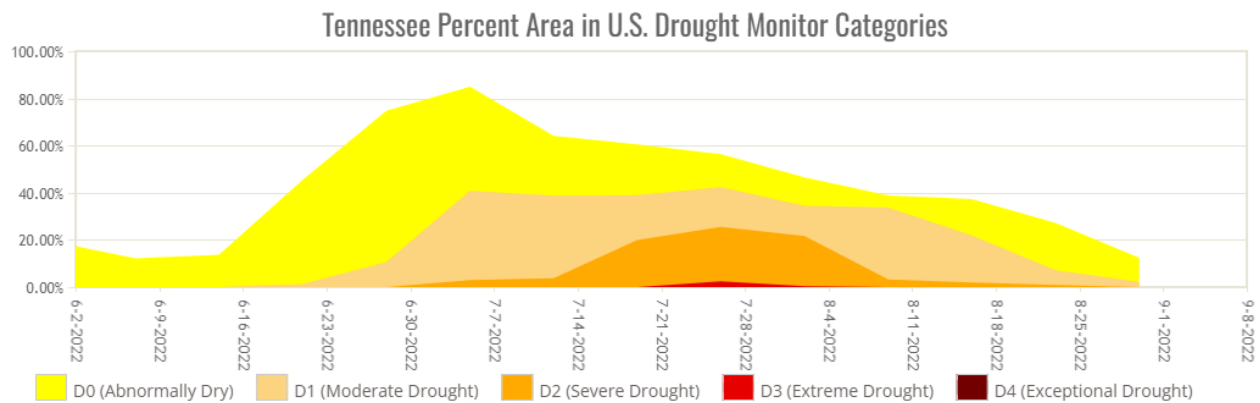
**Fire Danger:** The Interagency Fire Center outlook for significant wildland fires for the month of September shows that all of Tennessee and surrounding states should have a normal fire potential.



### Story of the Month:

The biggest climate story of August 2022 was the rapidly improving drought conditions in parts of Tennessee. Drought conditions expanded quickly in West Tennessee and western/southern portions of Middle Tennessee through July with much warmer than normal temperatures and below normal rainfall. These conditions led to the first introduction of Extreme Drought (D3) in Tennessee since October 2019 towards the end of July. However, starting in the second week of August, regular and heavy rains returned to almost all areas of West Tennessee, and in more isolated locations within Middle Tennessee. These rains helped to improve drought conditions each week for areas in the western half of the state. The small area of Extreme Drought (D3) stretching from Henry County, east/southeast through Houston and northern Benton and Humphreys counties was completely cleared from drought conditions by the August 30<sup>th</sup> Drought Monitor release.

Reduction in drought intensity/extent helped improve conditions for most agricultural concerns across the state, most notably hay/pastures and cotton. However, the rainfall may have come too late to help improve the corn crop across Middle and West Tennessee, as the peak of the drought occurred during a key stage of corn development this year. The corn harvest has begun in parts of the state but only 29% of the corn crop was reported in good or excellent condition as of the weekly USDA Crop Weather Report for Tennessee issued in the first days of September.



Graph showing the percent of Tennessee in various levels of Drought or Abnormally Dry conditions (y-axis) from the June 2<sup>nd</sup> issue of the US Drought Monitor through the end of August 2022. Graph produced via the US Drought Monitor website: <https://droughtmonitor.unl.edu/>

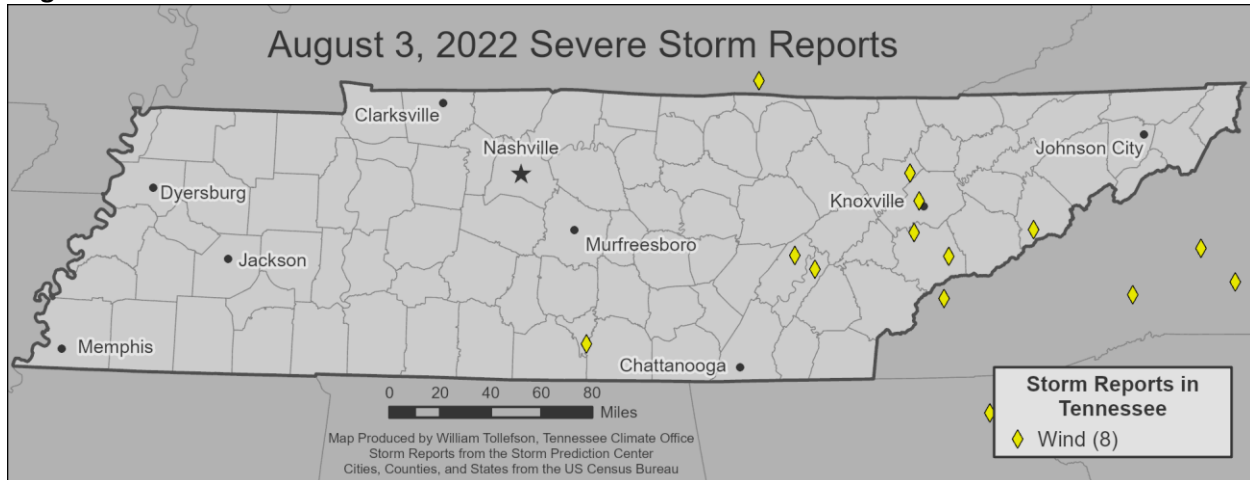


### Storm Reports:

\*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.

There were 11 days with severe storms reported in Tennessee with no tornados or severe hail reports, but 43 severe wind damage reports.

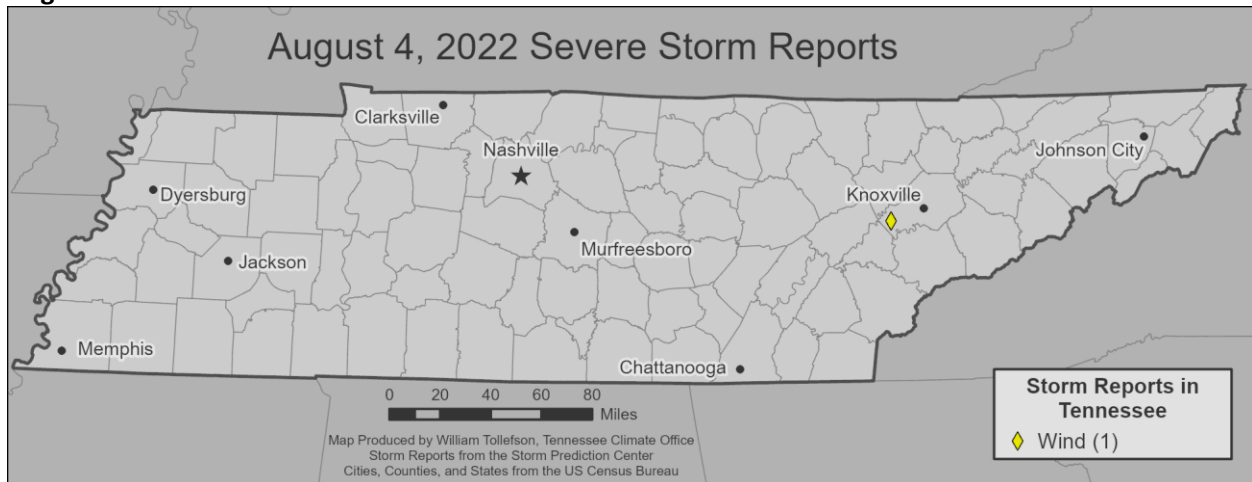
#### August 3



#### Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
20:18	--	6 SSE LYNCHBURG	MOORE	35.2	-86.32	A TREE WAS OVERHANGING THE ROAD ALONG MAPLE HILL ROAD. TIME ESTIMATED BY RADAR. (HUN)
22:20	--	2 WNW HARTFORD	COCKE	35.82	-83.18	1 TREE DOWN ON HARTFORD ROAD. (MRX)
23:30	--	3 ESE PEAKLAND	MEIGS	35.62	-84.72	DISPATCH REPORTS MULTIPLE TREES DOWN ACROSS MAINLY NORTHERN PARTS OF MEIGS COUNTY. (MRX)
0:02	--	1 NE SPRING CITY	RHEA	35.7	-84.86	COUNTY DISPATCH REPORTS MULTIPLE TREES DOWN ACROSS NORTHERN PARTS OF RHEA COUNTY. (MRX)
0:03	--	2 W TOWNSEND	BLOUNT	35.68	-83.78	TREE DOWN COVERING THE ENTIRE ROADWAY. (MRX)
0:42	--	3 NW ALCOA	BLOUNT	35.82	-84.02	POWER LINES DOWN IN ROADWAY. TIME ESTIMATED. (MRX)
1:25	--	3 NW KNOXVILLE	KNOX	36	-83.98	SEVERAL TREES DOWN ACROSS ROADWAYS THROUGHOUT THE COUNTY. MOST CENTERED WEST OR NORTHWEST OF KNOXVILLE. (MRX)
1:52	--	3 S ANDERSONVILLE	ANDERSON	36.16	-84.04	MULTIPLE TREES DOWN ACROSS MAINLY EASTERN AND NORTHERN PARTS OF THE COUNTY. (MRX)

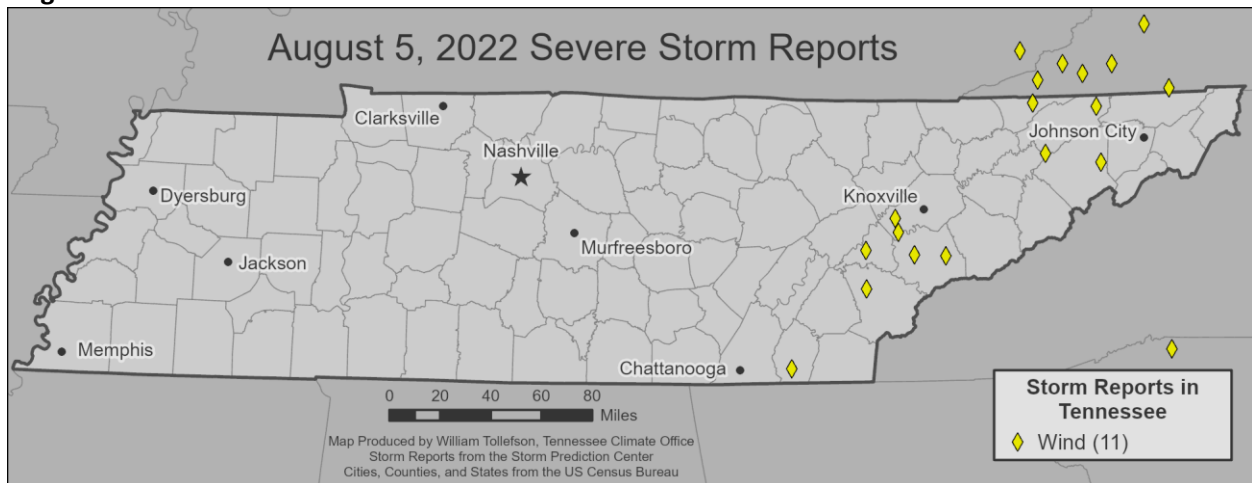
**August 4:**



**Wind:**

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
22:20	--	2 N FARRAGUT	KNOX	35.9	-84.18	FEW TREES DOWN. TIME ESTIMATED. (MRX)

**August 5:**



**Wind:**

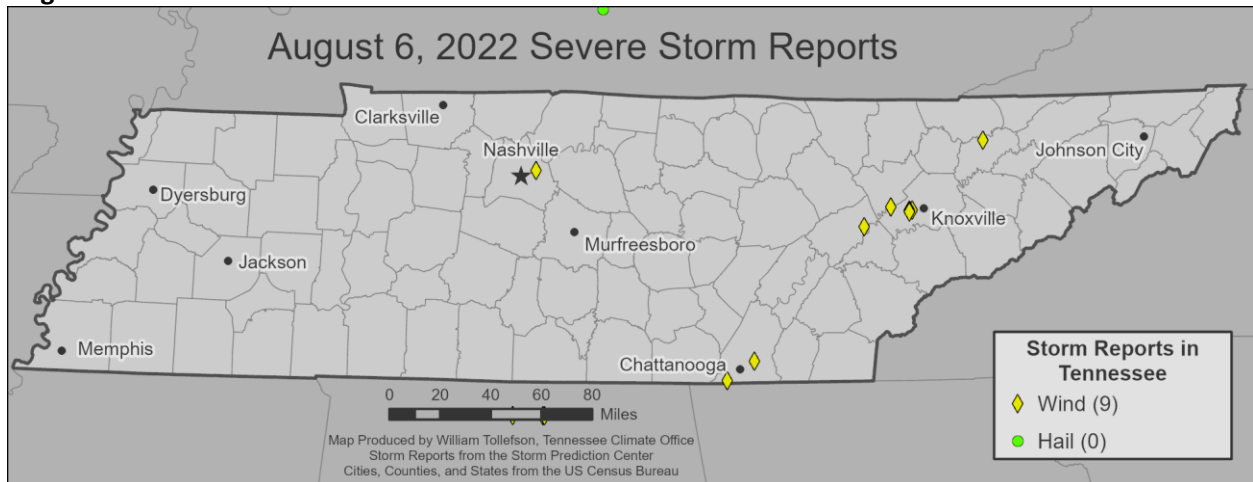
Time (UTC)	Speed	Location	County	Lat	Lon	Comments
20:20	--	CHUCKY	GREENE	36.21	-82.69	SEVERAL TREES AND POWERLINES DOWN IN AND NEAR CHUCKEY. ALSO SOME ROOF DAMAGE. TIME ESTIMATED FROM RADAR. (MRX)
20:45	--	3 NNE FARRAGUT	KNOX	35.92	-84.15	TREE DOWN ON LOVELL ROAD. (MRX)
20:50	--	3 ENE SNEEDVILLE	HANCOCK	36.56	-83.16	TREE DOWN AT PANTHER CREEK ROAD AND HWY 33. TIME ESTIMATED. (MRX)
20:55	--	1 N BULLS GAP	HAWKINS	36.27	-83.08	CORRECTS PREVIOUS TSTM WND DMG REPORT FROM 1 N BULLS GAP. TREE DOWN ON SHEPHERD DRIVE. (MRX)



August 2022 Tennessee State Climate Summary

Time (UTC)	Speed	Location	County	Lat	Lon	Comments
20:56	--	LOUDON	LOUDON	35.74	-84.36	TREES DOWN IN LOUDON AND OTHER PARTS OF LOUDON COUNTY. TIME ESTIMATED FROM RADAR. (MRX)
21:20	--	MADISONVILLE	MONROE	35.52	-84.36	A FEW TREES DOWN IN MADISONVILLE. TIME ESTIMATED FROM RADAR. (MRX)
21:20	--	4 SE FARRAGUT	BLOUNT	35.84	-84.13	TREE DOWN AND POWERLINES AND COVERING THE WHOLE ROAD. TIME ESTIMATED FROM RADAR. (MRX)
21:25	--	CHURCH HILL	HAWKINS	36.53	-82.71	SEVERAL TREES DOWN IN CHURCH HILL AREA. TIME ESTIMATED FROM RADAR. (MRX)
21:38	--	2 E CLOVER HILL	BLOUNT	35.71	-84.02	TREE DOWN IN THE ROAD US HIGHWAY 411 AND CEDAR LAWN BLVD. TIME ESTIMATED FROM RADAR. (MRX)
21:45	--	2 NNE FLINT SPRINGS	BRADLEY	35.07	-84.89	SEVERAL TREES DOWN. (MRX)
22:02	--	2 SSE WALLAND	BLOUNT	35.7	-83.8	TREE DOWN ON OLD WALLAND HIGHWAY AND WESLEY WOODS ROAD. TIME ESTIMATED FROM RADAR. (MRX)

**August 6:**



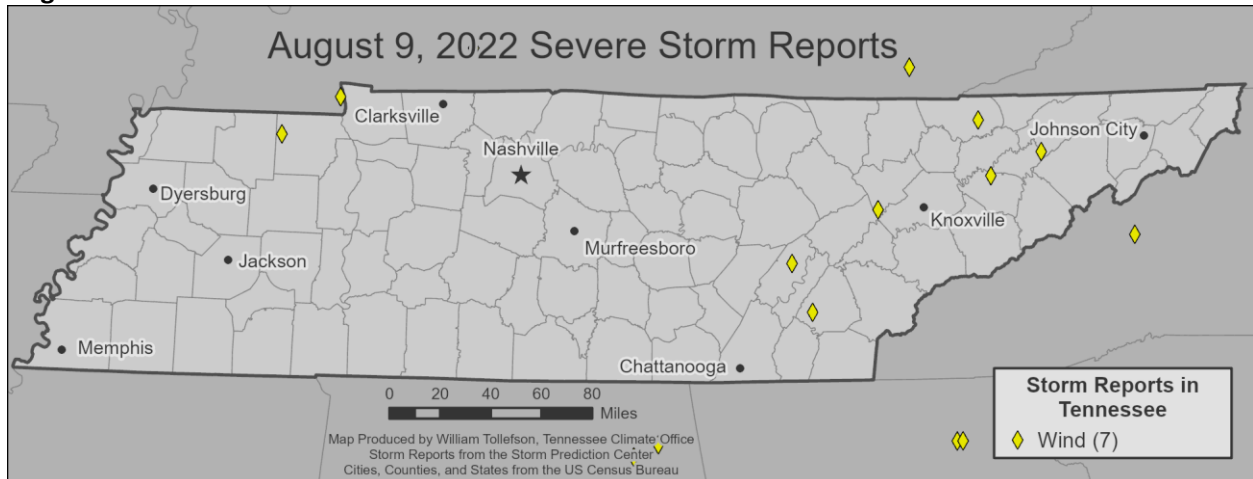
**Wind:**

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
19:30	--	3 ESE INGLEWOOD	DAVIDSON	36.2	-86.68	ADDITIONAL TREES DOWN IN THE SUNSET VIEW NEIGHBORHOOD. REPORT VIA TWITTER... TIME ESTIMATED BY RADAR. (OHX)
20:15	--	5 SE LONE MOUNTAIN	GRAINGER	36.35	-83.52	TREE DOWN IN RUTLEDGE. TIME ESTIMATED FROM RADAR. (MRX)
20:35	--	4 W KARNES	KNOX	35.98	-84.18	SEVERAL TREES DOWNED... BLOCKING ROADS NEAR PELLISSIPPI PKWY AND SOLWAY RD. (MRX)

August 2022 Tennessee State Climate Summary

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
20:45	--	3 NW BEARDEN	KNOX	35.96	-84.03	TREE DOWN AND SOME POWER LINES ACROSS ROAD AT INTERSECTION OF CAIN AND LEE ROAD. TIME ESTIMATED FROM RADAR. (MRX)
20:45	--	3 NW BEARDEN	KNOX	35.96	-84.05	TREE DOWN ON LINES ON DEERWOOD ROAD. TIME ESTIMATED FROM RADAR. (MRX)
20:51	--	3 WNW BEARDEN	KNOX	35.95	-84.05	TREE FELL ON VEHICLE AT INTERSECTION OF CREEKHEAD DRIVE AND PINEY GROVE CHURCH ROAD. TIME ESTIMATED FROM RADAR. (MRX)
21:30	--	1 ENE BRADBURY	ROANE	35.87	-84.37	TREE DOWN ON CAMPSITE AT MELTON HILL DAM CAMPGROUND. (MRX)
23:52	--	6 SW CHATTANOOGA	HAMILTON	35	-85.34	TREE DOWN ON BATTLEFIELD TRAIL. TIME ESTIMATED FROM RADAR. (MRX)
0:00	--	1 S HARRISON	HAMILTON	35.11	-85.15	TREE DOWN ON A HOUSE ON STALLION LANE. TIME ESTIMATED BY RADAR. (MRX)

August 9



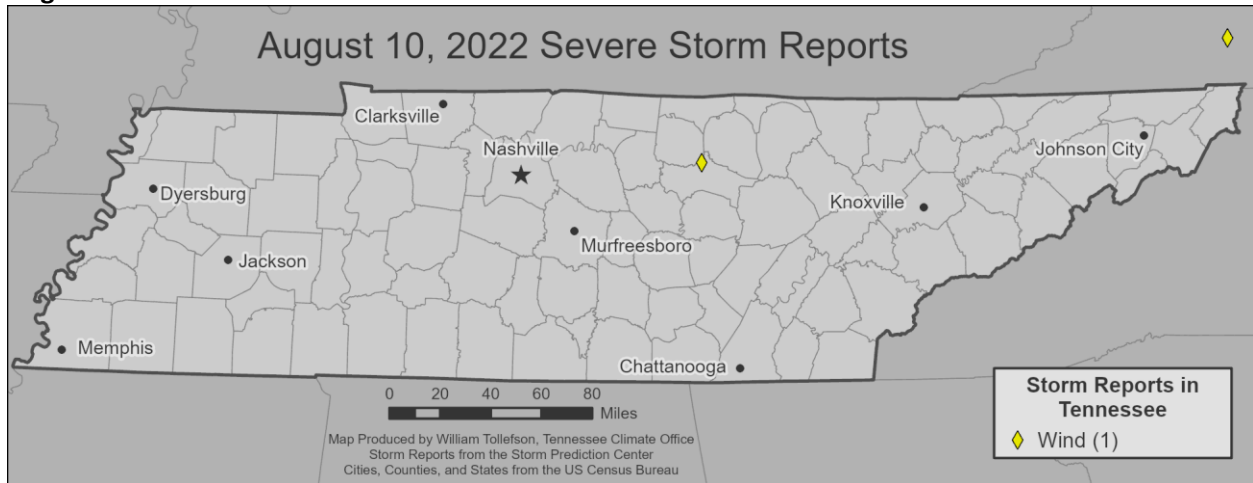
Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
18:43	--	COTTAGE GROVE	HENRY	36.38	-88.48	TREES DOWN. (MEG)
20:10	--	2 SSW SPRING CITY	RHEA	35.66	-84.88	NUMEROUS TREES WERE BLOWN DOWN INCLUDING THE HIGHWAY 68 AND HIGHWAY 27 INTERSECTION... AND ALSO TOM GARRISON ROAD IN THE WOLF CREEK AREA. (MRX)
20:45	--	1 W BULLS GAP	HAMBLEN	36.27	-83.11	SEVERAL TREES REPORTED BLOWN DOWN BETWEEN WHITESBURG... TN AND BULLS GAP... TN. (MRX)
21:10	--	3 W RICEVILLE	MCMINN	35.38	-84.74	SEVERAL TREES DOWN. (MRX)
21:36	--	1 ESE OAK RIDGE	ANDERSON	35.96	-84.27	SEVERAL TREES DOWN. (MRX)

August 2022 Tennessee State Climate Summary

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
21:45	--	2 NNE JEFFERSON CITY	JEFFERSON	36.14	-83.47	SEVERAL TREES DOWN ACROSS JEFFERSON CITY... TALBOTT... AND NEW MARKET. (MRX)
22:48	--	1 E TAZEWELL	CLAIBORNE	36.46	-83.55	TREES AND STOP LIGHT DOWN. (MRX)

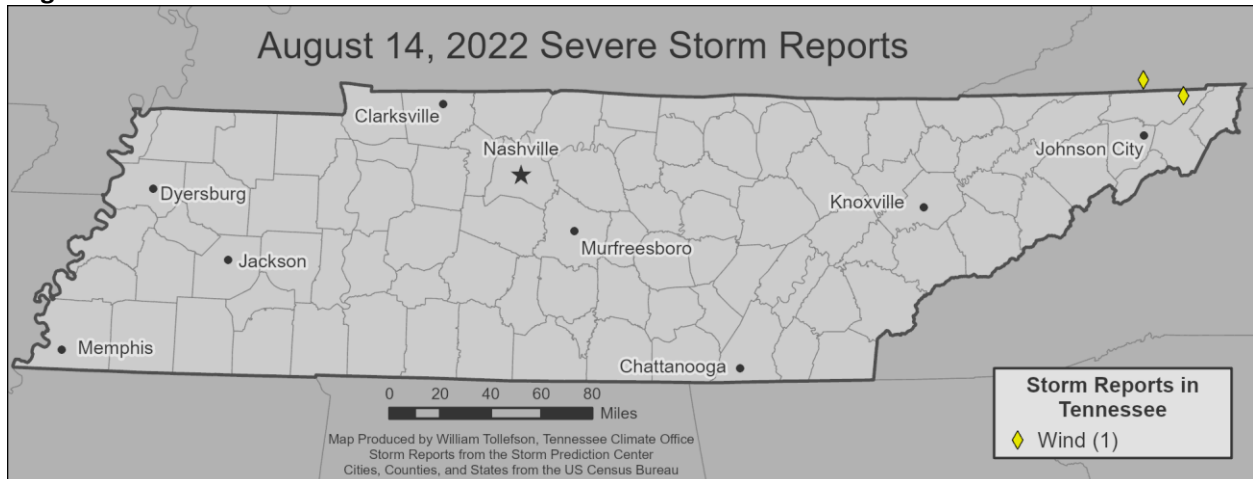
August 10



Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
19:50	--	6 N COOKEVILLE	PUTNAM	36.24	-85.51	POLE AND LINES ACROSS ROAD AT 5795 HILHAM RD.... LARGE TREE ACROSS ROAD AT 1367 WEST WHITEHALL RD. (OHX)

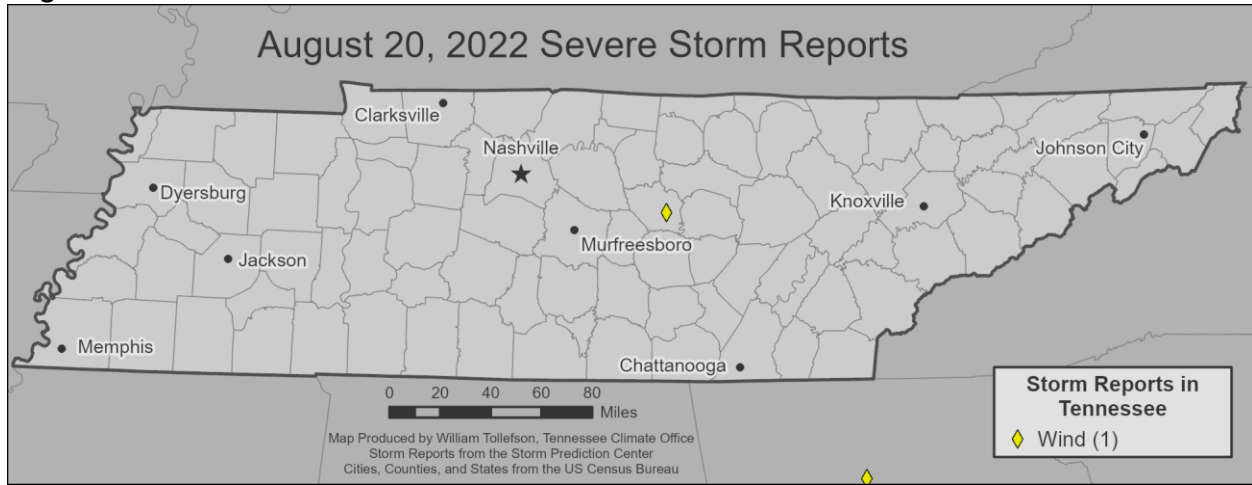
August 14



Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
4:40	--	2 N SOUTH HOLSTON DAM	SULLIVAN	36.56	-82.09	A FEW TREES DOWN. (MRX)

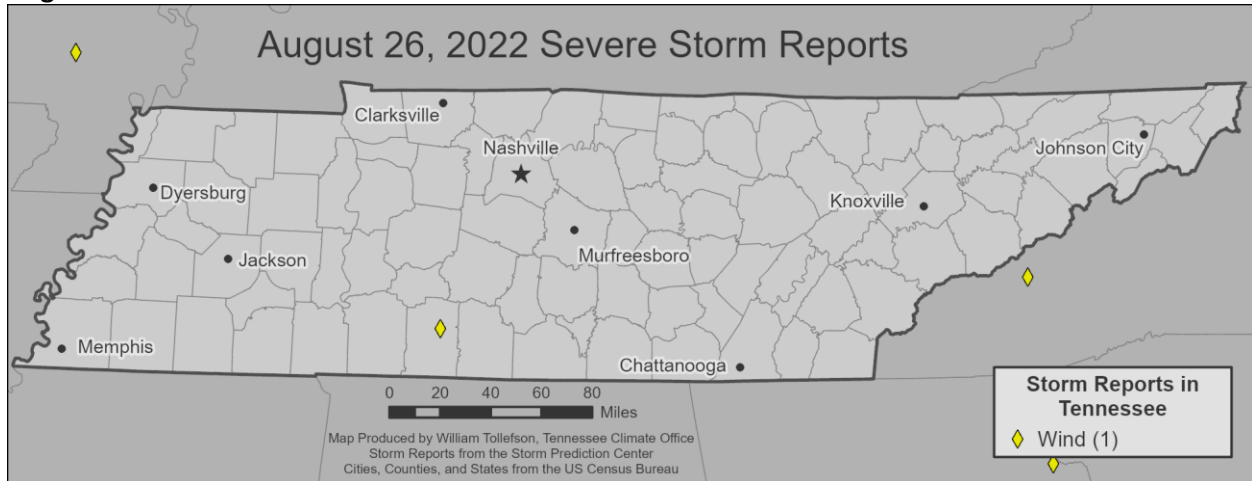
**August 20**



Wind:

Time (UTC)	Speed (mph)	Location	County	State	Lat	Lon	Comments
21:08	--	3 E SMITHVILLE	DE KALB	TN	35.95	-85.76	TREE AND POWER LINE DOWN ON HIGHWAY 70 AT DUNN LANE. (OHX)

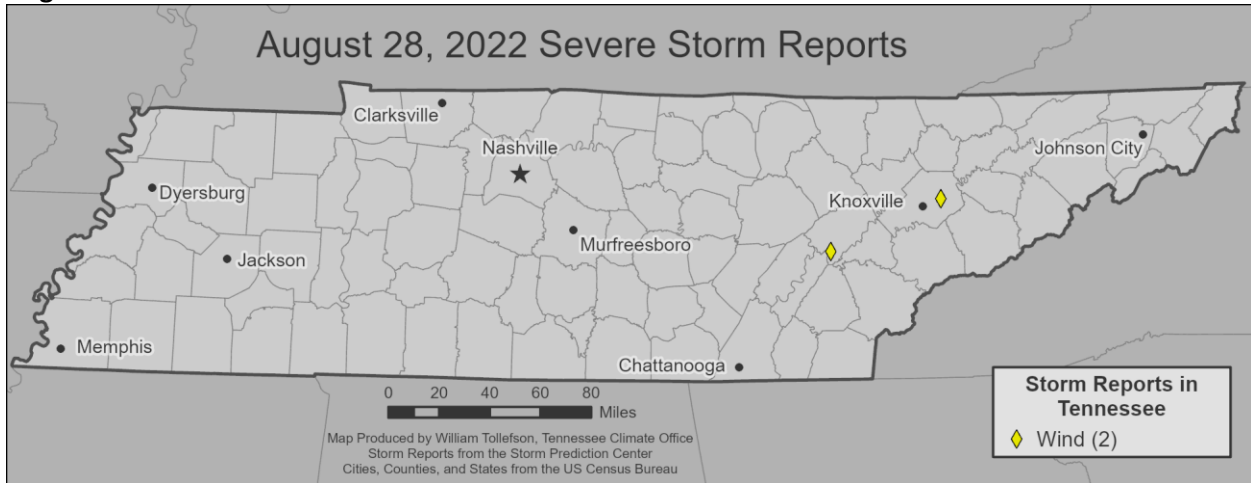
**August 26**



Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
19:03	--	3 N LAWRENCEBURG	LAWRENCE	35.28	-87.34	WOOD POWER POLE SNAPPED ON BUFFALO ROAD. TIME ESTIMATED BASED ON RADAR. (OHX)

**August 28**



Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
20:24	--	5 WSW PAINT ROCK	ROANE	35.72	-84.6	SEVERAL TREES DOWN. (MRX)
22:19	--	5 SW MASCOT	KNOX	36.01	-83.82	A FEW TREES DOWN. (MRX)

**August 29**



Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
19:54	--	3 SSW RIDGETOP	DAVIDSON	36.35	-86.79	TSPOTTER REPORT OF A TREE DOWN NEAR GREER ROAD AT IVY POINT. (OHX)

### CPC Outlooks for the Next Month:

The NOAA Climate Prediction Center outlooks for September show that most of Tennessee will have equal chances for above or below normal temperatures this month, with the exception of northeast Tennessee, which is leaning towards an above normal temperature pattern. Most of Tennessee is also shown with equal chances for above or below normal precipitation patterns, but most areas just south of Tennessee are leaning towards an above normal precipitation pattern.

