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5-1-2022

2022 May - Tennessee Monthly Climate Report

Tennessee Climate Office, East Tennessee State University

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May 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

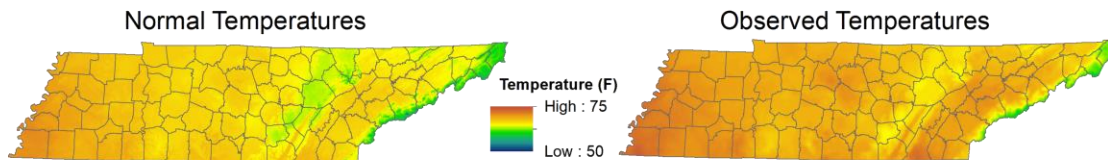
Monthly Temperature Summary:

May 2022 was warmer than normal across Tennessee, with Middle and East Tennessee being a bit warmer than West Tennessee. Most areas in Middle and East Tennessee averaged 2-4°F above the 1991-2020 30-year climate normals for mean temperature in May, while most areas of West Tennessee were only 1-2°F warmer than normal. This difference was largely driven by a cool spell that impacted West Tennessee the week of May 22-28, when the average temperatures were 6-8°F cooler than normal in Tennessee’s western-most counties.

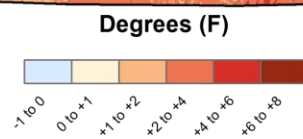
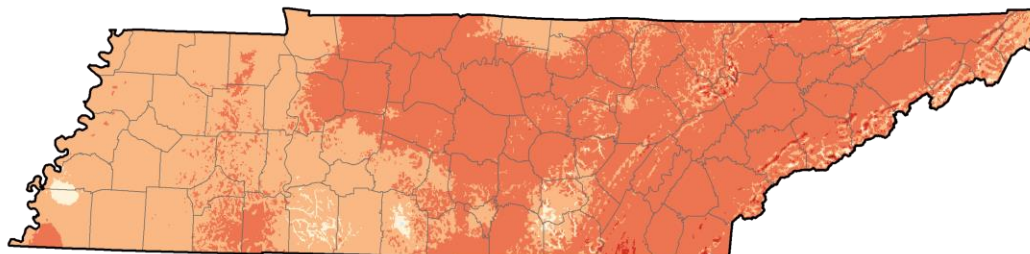
Throughout May 2022, there were 23 daily record high temperatures set at weather stations with at least a 30-year reporting history in Tennessee, and Ames Plantation tied its monthly record for warmest temperature recorded in May on May 13, with a high of 94°F. There were also 60 daily records for warmest low temperatures set at weather stations in Tennessee, with Dickson and Athens both setting a monthly record for the warmest low temperature reported in May. Dickson recorded a low temperature of 75°F on May 12, beating the previous warmest May low temperature of 74°F set on May 30, 1927, and Athens recorded a low of 72°F on May 21, breaking their previous record of 71°F set on May 31, 2018. There were also 18 daily record cool high temperatures set this month in Tennessee, mostly on May 7-8 or 23-24.



May 2022 Mean Temperature



Departure From Normal Temperatures



Stations with the highest mean temperature

Station Name	Station Type	Mean Temperature (F)
MEMPHIS INTERNATIONAL AP	WBAN	74.3
CHATTANOOGA AP	WBAN	72.9
SHILOH NMP TENNESSEE	RAWS	72.1
NASHVILLE INTL AP	WBAN	72.1
MEMPHIS WFO	WBAN	72

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

Stations with the lowest mean temperature

Station Name	Station Type	Mean Temperature (F)
MT LECONTE	COOP	50.9
NEWFOUND GAP	COOP	58.8
ROAN MOUNTAIN 3SW	COOP	61.8
MOUNTAIN CITY 2	COOP	62.7
CHEROKEE TENNESSEE	RAWS	63.9

Monthly Precipitation Summary:

May 2022 brought drier than normal conditions for most of the state, when compared to the 1991-2020 30-year climate normals, with the major exception of northeast Tennessee, where monthly rainfall totals ended up approaching 200% of normal in some places. The month started out wet for the northern Cumberland Plateau and northwestern parts of the Tennessee Valley in East Tennessee. The second week of May was dry for most areas of the state, except for pop-up thunderstorms that produced heavy rains in isolated locations. The third week of the month brought heavy rains to West Tennessee and a few locations of southern Middle Tennessee, then the last week of the month brought wide-spread heavy rains to East Tennessee and southern Middle Tennessee. Parts of the Smoky Mountains received over 10-inches of rainfall from May 22-28!

The combination of mostly drier than normal conditions and warmer than normal conditions led to rapid decreases in soil moisture and stream flows in parts of Middle and East Tennessee, and prompted the expansion of D0 (Abnormally Dry) conditions to a little over half of the state in the May 24th US Drought Monitor Release.

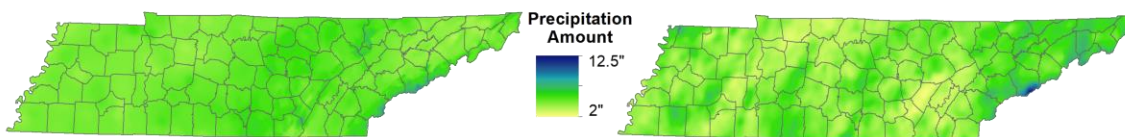


May 2022 Precipitation

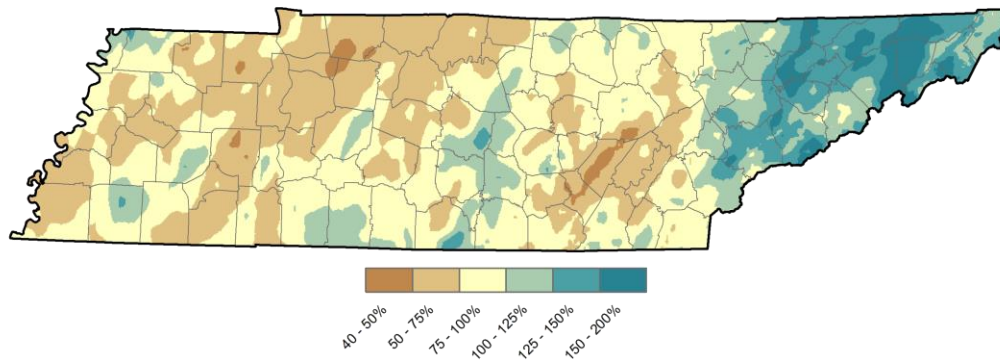


Normal Precipitation

Observed Precipitation



Percent Normal Precipitation



Stations with the most precipitation

Station Name	Station Type	Total Precipitation (in)
NEWFOUND GAP	COOP	12.98
MT LECONTE	COOP	12.1
JACKSON 4.2 S	CoCoRaHS	7.68
MEDON 4.3 NNE	CoCoRaHS	7.54
GREENBACK 4.1 SSE	CoCoRaHS	7.48

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

Stations with the least precipitation

Station Name	Station Type	Total Precipitation (in)
CHEATHAM LOCK & DAM	COOP	1.83
CLARKSVILLE 10.2 WSW	CoCoRaHS	1.88
PIKEVILLE 13.2 NE	CoCoRaHS	1.89
PIKEVILLE	COOP	2.03
OLD HICKORY 1.6 SSE	CoCoRaHS	2.24

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
Memphis	84.2	64.4	74.3	+2.2	97	5/12	53	5/8	4.05	-1.22	77%
Jackson	80.7	59.5	70.1	+1.2	93	5/12	45	5/8	4.20	-1.38	75%
Clarksville	81.0	59.7	70.4	+3.1	90	5/20	47	5/8	3.34	-1.56	68%
Nashville	83.1	61.1	72.1	+2.8	94	5/19	50	5/8	3.55	-1.47	71%
Chattanooga	83.5	62.3	72.9	+2.9	93	5/19	53	5/8	3.12	-0.82	79%
Crossville	76.0	55.6	65.8	+2.6	84	5/31	47	5/17	4.72	-0.46	91%
Knoxville	81.2	60.5	70.9	+3.0	90	5/21	52	5/9	4.77	+0.64	115%
Bristol	80.2	54.8	67.5	+2.8	91	5/20	43	5/10	6.14	+2.32	161%

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
MEMPHIS INTERNATIONAL AP	WBAN	97	12
DYERSBURG MUNICIPAL AIRPORT	WBAN	96	12
MEMPHIS WFO	WBAN	95	13
AMES PLANTATION	COOP	94	13
ERWIN 1 W	COOP	94	21
NASHVILLE BERRY FIELD	COOP	94	20
NASHVILLE INTL AP	WBAN	94	19
LEWISBURG EXP STA	COOP	93	20
BROWNSVILLE	COOP	93	14
GERMANTOWN 4SE	COOP	93	13
LEBANON 7 N	COOP	93	22
ELIZABETHTON	COOP	93	21
MOUSETAIL LANDING STATE PARK	COOP	93	21
SHILOH NMP TENNESSEE	RAWS	93	12
CHATTANOOGA AP	WBAN	93	19
JACKSON MCKELLAR- SIPES AP	WBAN	93	12

Nine stations tied for the 8th hottest temperature (93°F)

Coldest Stations (lowest minimum temperature)

Station Name	Station Type	Lowest Temperature (F)	Date
CLARKSVILLE NO.2	COOP	33	1
MT LECONTE	COOP	33	8
PORTLAND SEWAGE PLANT	COOP	38	3
ROAN MOUNTAIN 3SW	COOP	38	10
MILAN EXP STN	COOP	39	8
MOUNTAIN CITY 2	COOP	39	10
CLARKSVILLE WWTP	COOP	39	13
KINGSPORT	COOP	41	13
NEWFOUND GAP	COOP	41	8
KINGSTON SPRINGS	COOP	42	27

Warmest Stations (highest mean temperatures)

Station Name	Station Type	Mean Temperature (F)
MEMPHIS INTERNATIONAL AP	WBAN	74.3
CHATTANOOGA AP	WBAN	72.9
SHILOH NMP TENNESSEE	RAWS	72.1
NASHVILLE INTL AP	WBAN	72.1
MEMPHIS WFO	WBAN	72
GERMANTOWN 4SE	COOP	71.9
MOUSETAIL LANDING STATE PARK	COOP	71.7
BROWNSVILLE	COOP	71.5
JACKSON EXP STA	COOP	71.2
AMES PLANTATION	COOP	71.1
NASHVILLE BERRY FIELD	COOP	71.1

Two stations tied for the 10th warmest mean temperature (71.1°F)

Coollest Stations (lowest mean temperatures)

Station Name	Station Type	Mean Temperature (F)
MT LECONTE	COOP	50.9
NEWFOUND GAP	COOP	58.8
ROAN MOUNTAIN 3SW	COOP	61.8
MOUNTAIN CITY 2	COOP	62.7
CHEROKEE TENNESSEE	RAWS	63.9
CROSSVILLE EXP STN	COOP	64.2
CROSSVILLE 7 NW	WBAN	64.2
PULASKI WASTEWATER PLANT	COOP	64.7
PORTLAND SEWAGE PLANT	COOP	65.1
COALMONT	COOP	65.1

Wettest Stations (highest precipitation totals):

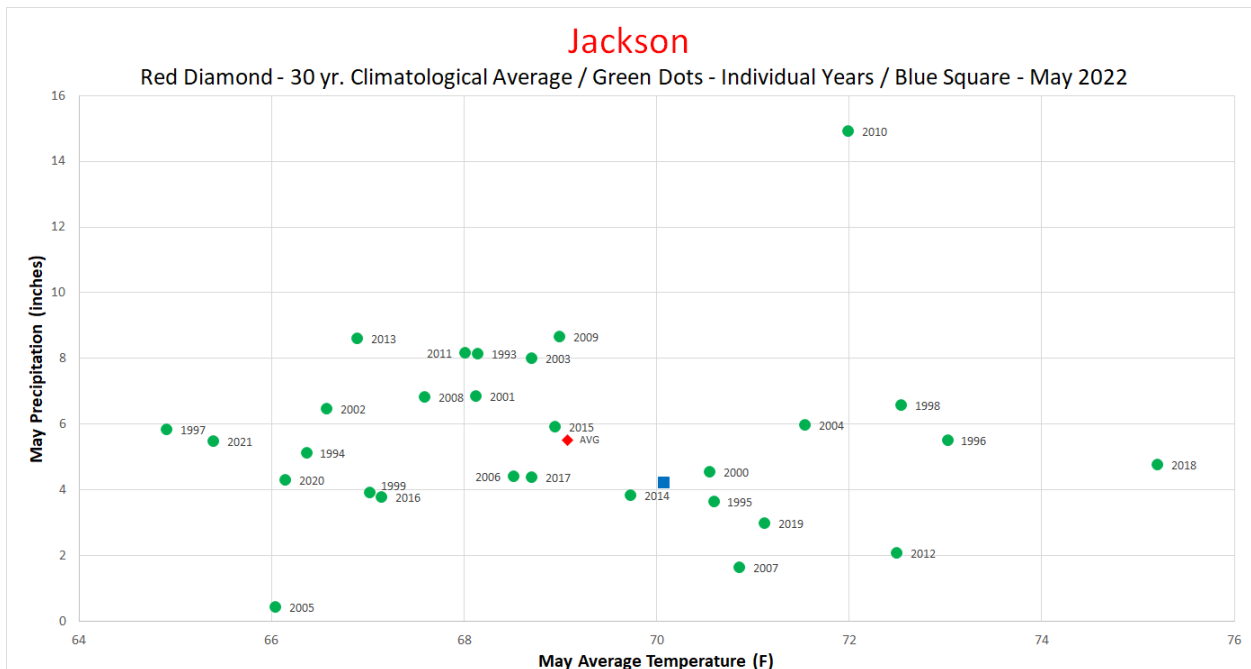
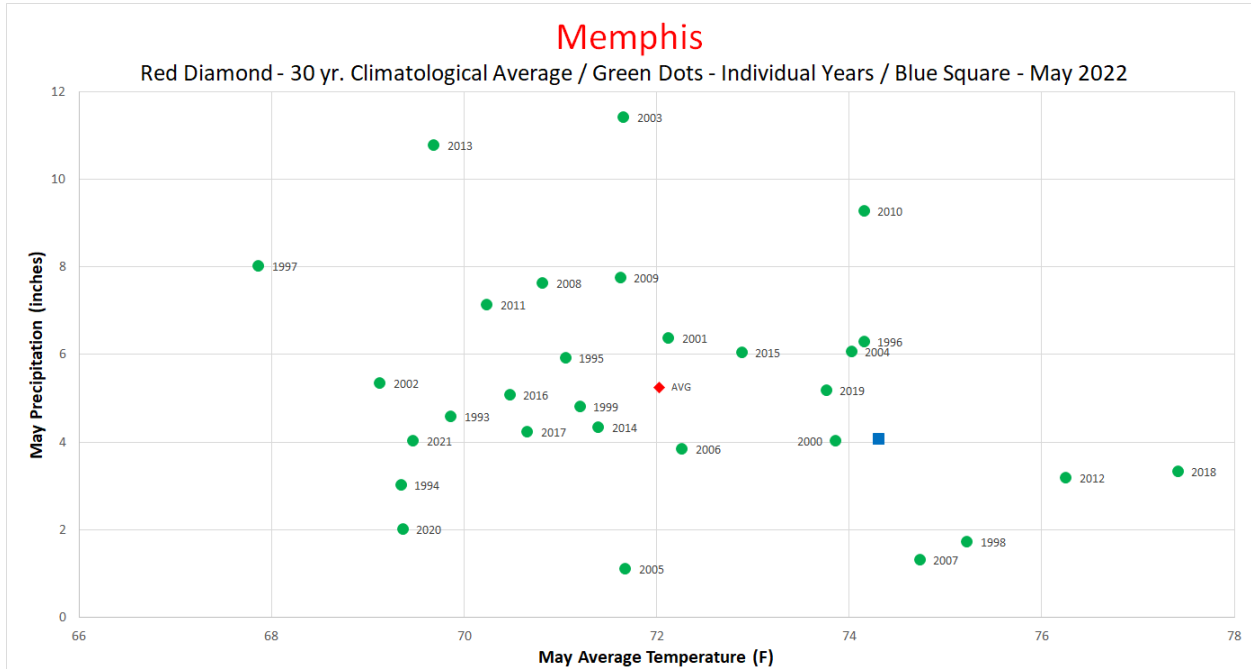
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MT LECONTE	COOP	12.1
JACKSON 4.2 S	CoCoRaHS	7.68
MEDON 4.3 NNE	CoCoRaHS	7.54
GREENBACK 4.1 SSE	CoCoRaHS	7.48
JONESBOROUGH 2.5 SSW	CoCoRaHS	7.13
GRAY 1.3 S	CoCoRaHS	7.12
JACKSON EXP STA	COOP	6.94
GREENEVILLE 10.1 S	CoCoRaHS	6.88
ROAN MOUNTAIN 3SW	COOP	6.82

Driest Stations (lowest precipitation totals):

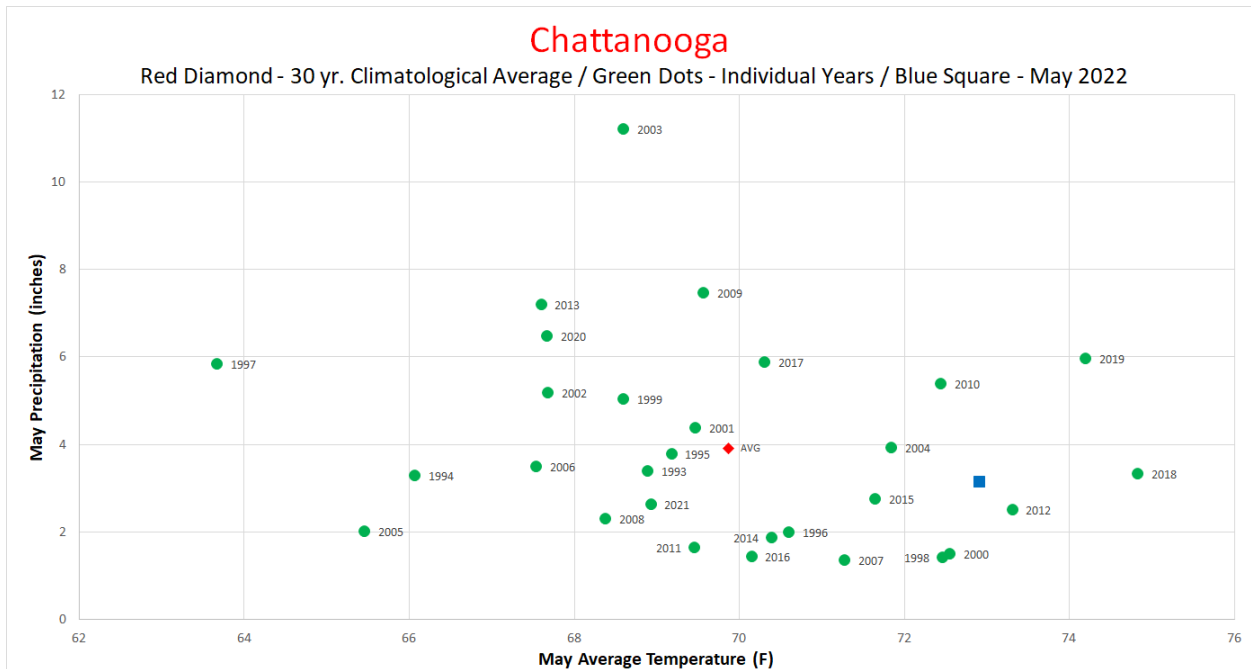
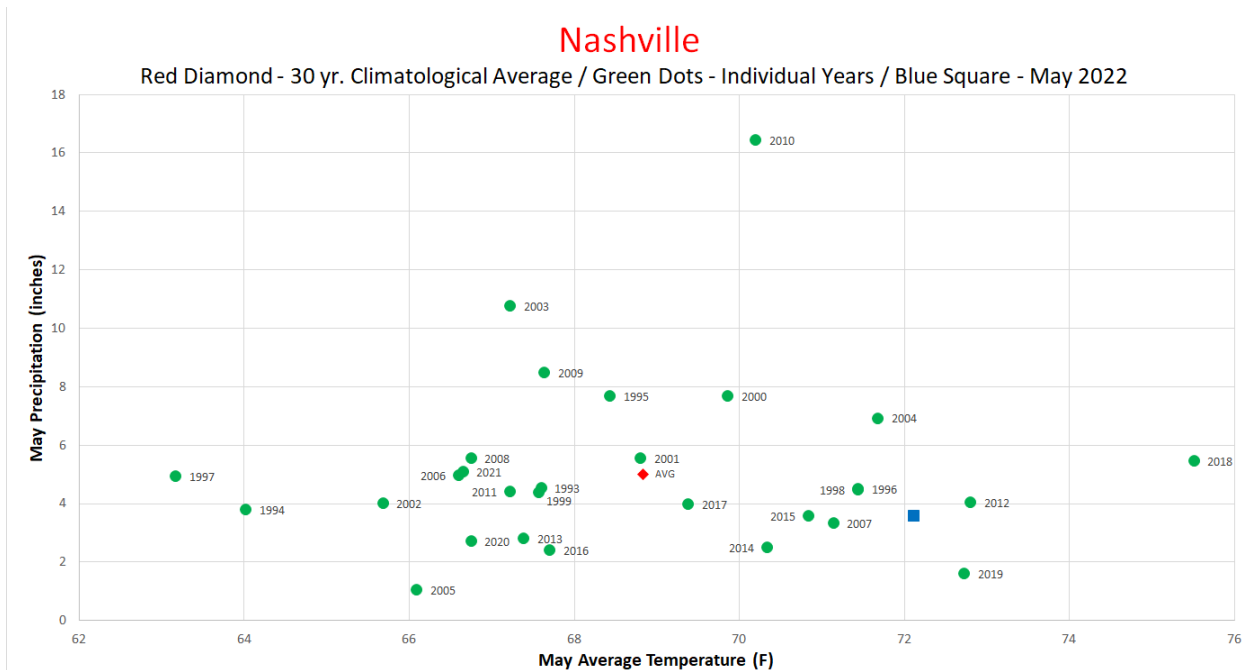
Station Name	Station Type	Total Precipitation (in)
CHEATHAM LOCK & DAM	COOP	1.83
CLARKSVILLE 10.2 WSW	CoCoRaHS	1.88
PIKEVILLE 13.2 NE	CoCoRaHS	1.89
PIKEVILLE	COOP	2.03
OLD HICKORY 1.6 SSE	CoCoRaHS	2.24
CROSSVILLE 6.9 S	CoCoRaHS	2.32
FRANKLIN SEWAGE PLANT	COOP	2.34
PIKEVILLE 8.2 WSW	CoCoRaHS	2.35
CLARKSVILLE NO.2	COOP	2.37
PIKEVILLE 10.3 N	CoCoRaHS	2.43

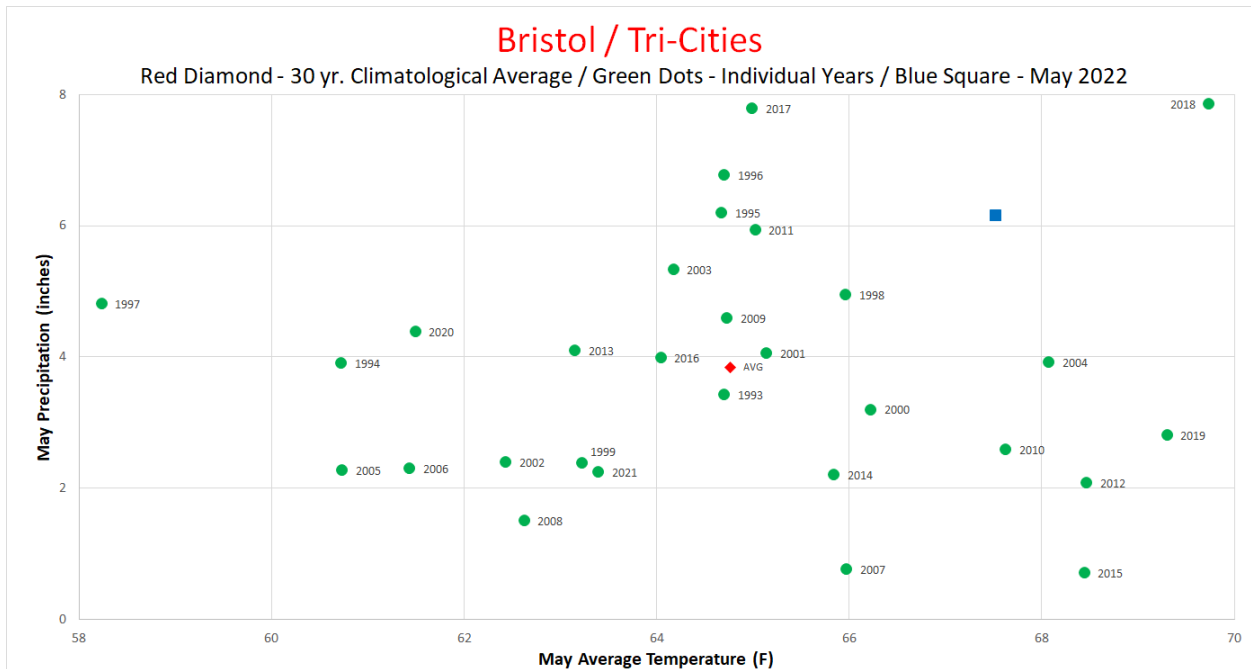
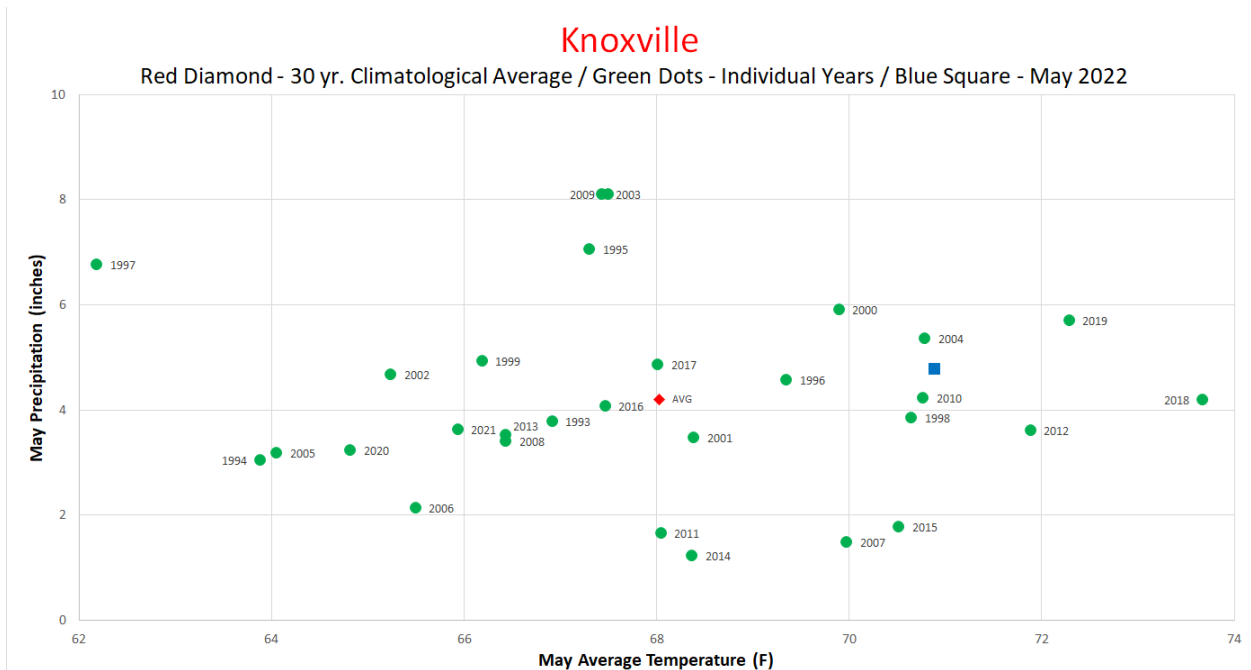
The Month in Comparison:

Comparing the average temperature and total precipitation for May 2022 to the conditions of May for the past thirty years, it was warmer than average at all climate reporting stations. It was the 4th warmest May of the past thirty years for Nashville, Chattanooga, and Knoxville, and 5th warmest May of the past thirty years for Memphis. It was warmer than average in Jackson and the Tri-Cities, but not among the top-5 warmest of the past thirty years. The Tri-Cities was the only station to report a top-five wettest May of the past thirty years (it was the 5th wettest May).



May 2022 Tennessee State Climate Summary



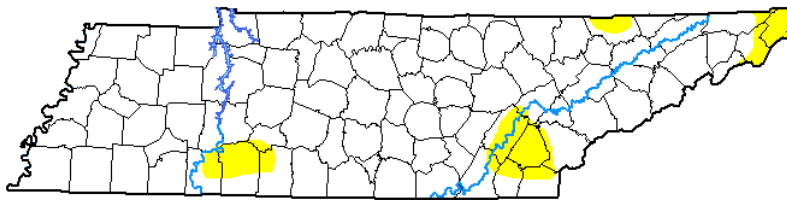


Drought Monitor:

Due to dry conditions and warmer than normal temperatures through the first three weeks of the month, the US Drought Monitor had large expansions of D0 (Abnormally Dry Conditions) and a small area of D1 (Moderate Drought) added across Tennessee during May. However, heavy rains in parts of East and Middle Tennessee towards the end of the month led to the removal of D1 and reductions in D0 coverage by the May 31 Drought Monitor Release. Drought and abnormally dry conditions reached their peak extent in the May 24 release of the Drought Monitor, with 1.27% of the state in D1 (Moderate Drought), and 53.04% of the state in D0 (Abnormally Dry) conditions. In the May 31 release, the D1 was eliminated and D0 conditions covered just 19.5% of the state.

U.S. Drought Monitor Tennessee

May 3, 2022
(Released Thursday, May. 5, 2022)
Valid 8 a.m. EDT



Intensity:

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

Author:

David Simeral
Western Regional Climate Center

droughtmonitor.unl.edu



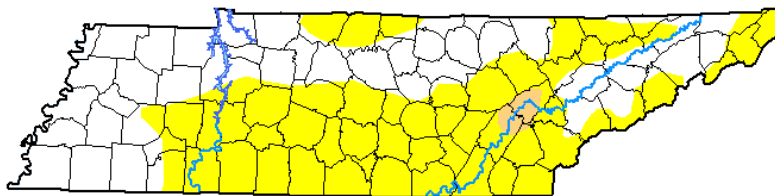
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

Richard Heim
NCEI/NOAA

U.S. Drought Monitor Tennessee

May 24, 2022
(Released Thursday, May. 26, 2022)
Valid 8 a.m. EDT



Intensity:

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

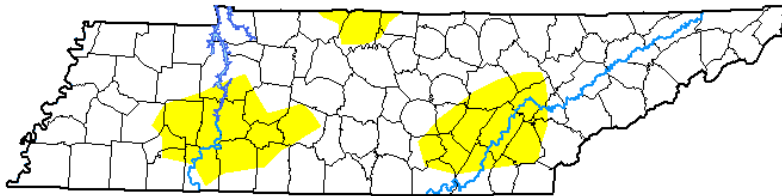
droughtmonitor.unl.edu



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

May 31, 2022
(Released Thursday, Jun. 2, 2022)
Valid 8 a.m. EDT



Intensity:

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

Author:

Curtis Riganti
National Drought Mitigation Center

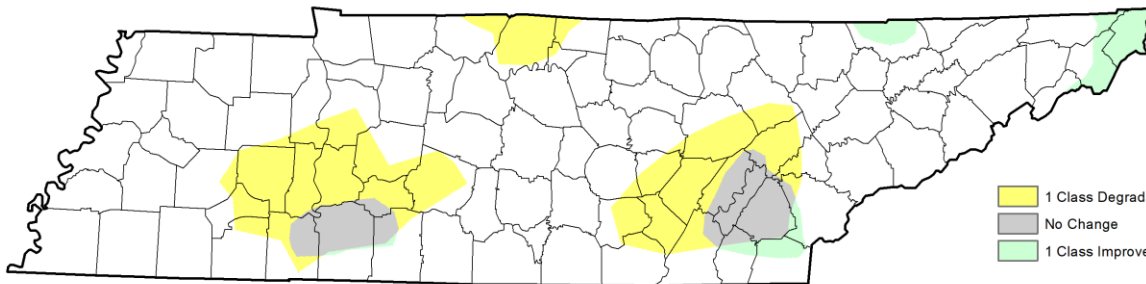


droughtmonitor.unl.edu

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>

May 31, 2022
compared to
May 3, 2022

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



- 1 Class Degradation
- No Change
- 1 Class Improvement

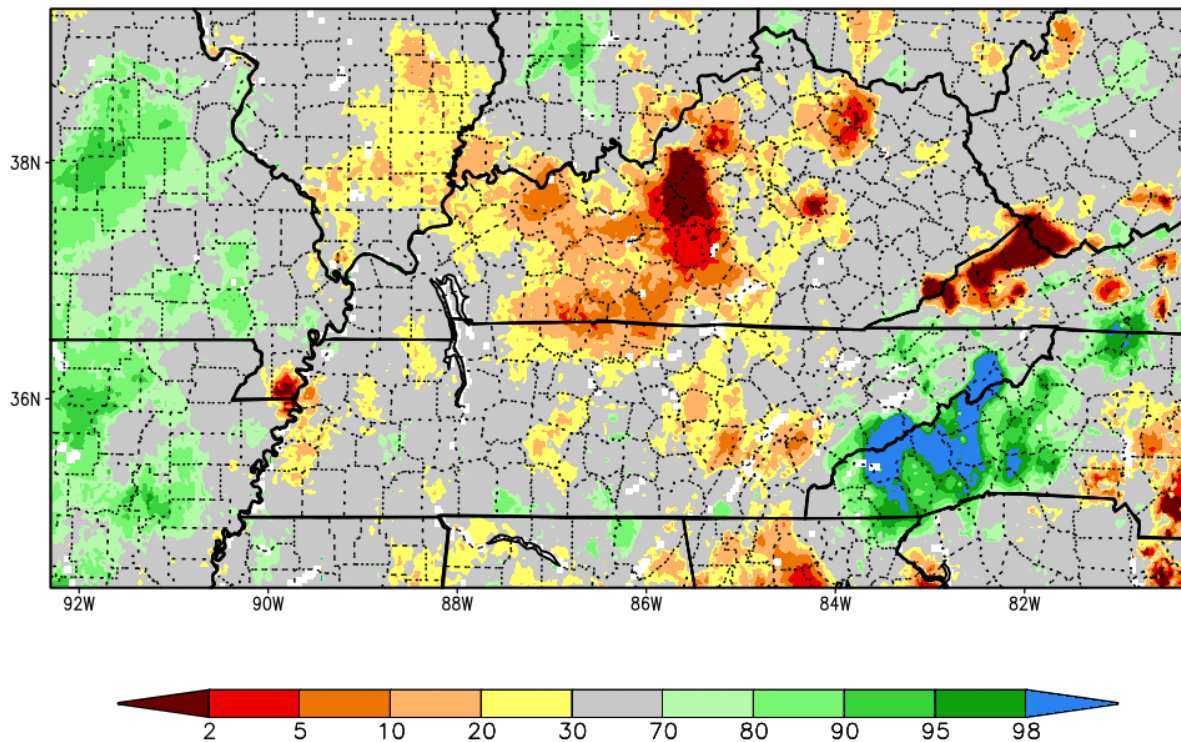
droughtmonitor.unl.edu

Soil Moisture:

Integrated soil moisture percentile maps from the NASA SPoRT Land Information System show that most of Tennessee's soil moisture levels are within the normal range (gray areas on the map below) by the end of May. Areas along the Appalachian Mountains have large surpluses of soil moisture due to the heavy rains at the end of the month, but the southern Tennessee Valley and parts of Middle Tennessee still have below normal soil moisture levels. The USDA Tennessee Crop Weather report rated topsoil moisture as 8% short, 73% adequate, and 19% surplus and subsoil moisture as 6% short, 81% adequate, and 13% surplus as of May 29.

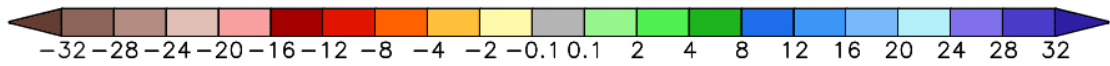
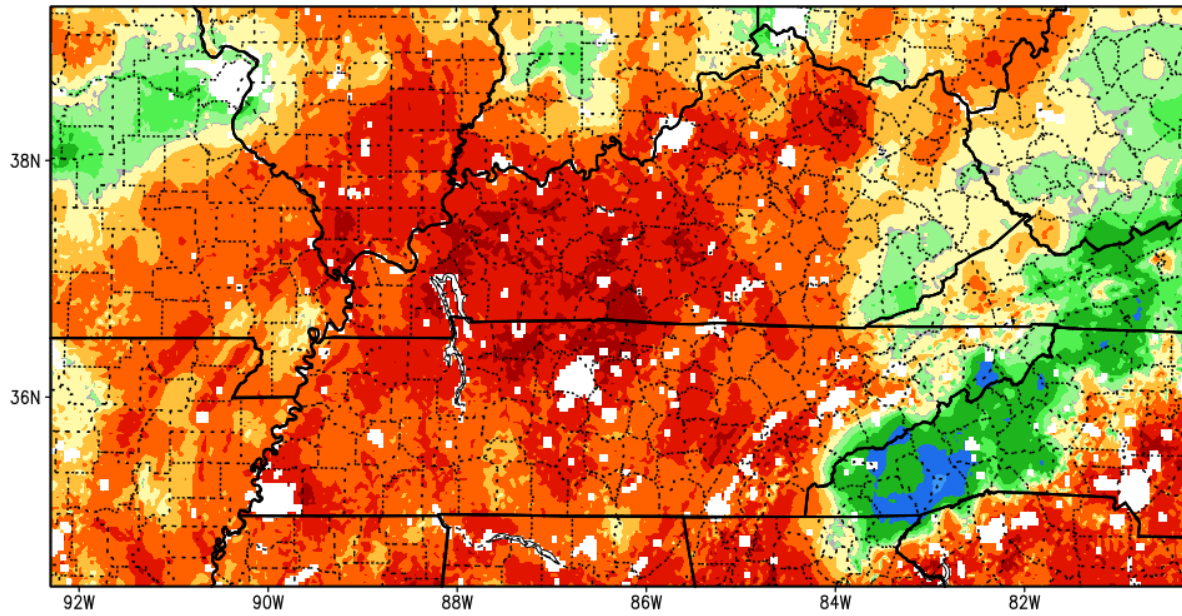
The majority of Tennessee saw a decrease in soil moisture levels during May, with the exception of the Appalachians in East Tennessee. Northern parts of Middle Tennessee saw the biggest decreases in soil moisture, with column relative soil moisture levels dropping 12-16% during May.

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



****NOTE****
****Experimental****

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



****NOTE****
****Experimental****

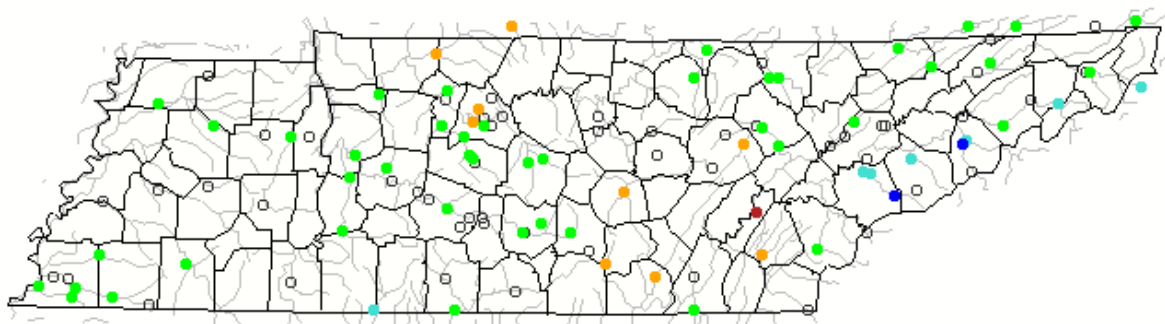
Streamflow:

Averaged over the month of May, streamflow percentiles were largely in the normal range (25th – 75th percentile) across Tennessee. However, heavy rains towards the end of the month in East Tennessee, as well as headwater areas in western North Carolina, pushed some streams into above or much above normal streamflow levels in the area. In southern sections of the Tennessee Valley in East Tennessee, the rains at the end of the month were not enough to pull monthly average streamflows out of the below normal percentiles, and some streams in northern Middle Tennessee also recorded below normal streamflow for the month.

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

Tennessee or Water-Resources Regions

May 2022



Search USGS streamgage

Choose a data retrieval option and select a location on the map

- List of all stations
- Single station
- Nearest stations
- Peak flow

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		

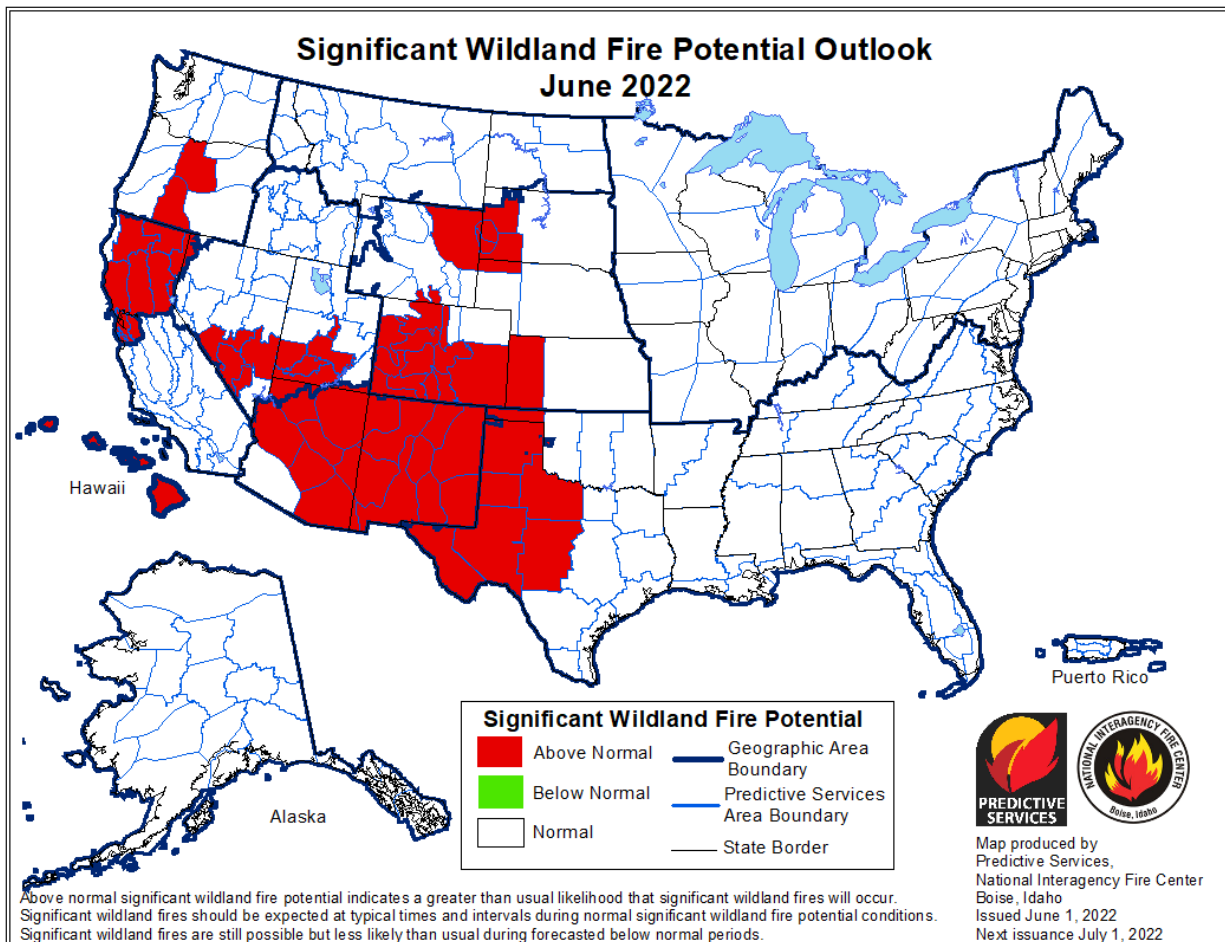
Miscellaneous:

Crop Conditions from USDA: Warm and dry conditions during most of May were good for planting row crops across the state, but in East Tennessee dry conditions were concerning for newly planted crops. The first cutting of hay took place across the state this month, but yields and quality were reduced by the dry and warm weather in Middle and East Tennessee. Pastures were also reported to be showing signs of drought stress in these parts of the state. Apple trees blossomed in the early parts of May and most crops

were reported in good to excellent condition. Strawberries were also harvested, with the majority of the crop reported in good condition. Winter wheat was turning color by the end of May, and harvests are expected by mid-June. Rains at the very end of the May should help crop and pasture conditions in East Tennessee, while the rest of the state could still use some more rainfall.

CROP PROGRESS	This Week	Last Week	2021	5 Year Avg.	CONDITION					
					Item	Very Poor	Poor	Fair	Good	Excellent
	Percent					Percent				
Corn – Planted	96	93	97	95	Corn	0	3	19	61	17
Corn – Emerged	81	67	86	85	Cotton	0	2	20	67	11
Cotton – Planted	85	78	89	82	Pasture	1	6	37	49	7
Cotton – Squaring	6	0	3	2	Winter Wheat	1	3	30	50	16
Soybeans – Planted	60	53	64	57	Hay	0	6	32	54	8
Soybeans – Emerged	43	30	45	36						
Winter Wheat – Headed	98	96	N/A	N/A						
Winter Wheat – Coloring	82	48	74	75						
Winter Wheat – Mature	5	N/A	N/A	N/A						

Fire Danger: The Interagency Fire Center significant wildland fire potential outlook for June shows that Tennessee, along with the eastern half of the country will have normal fire potential in June.



Story of the Month:

May was a relatively quite month weather-wise for Tennessee. The major stories of the month were the severe storms of May 6th, which produced 29 reports of severe wind damage and 15 reports of severe hail (with a diameter of 1-inch or larger), and the record-setting warmth of May 11-12 and May 20-22.

A series of severe storms impacted the eastern half of the state on May 6th with many reports of strong winds and large hail causing damage to trees and structures as well as power outages in parts of the state.



Image via National Weather Service Nashville Facebook.

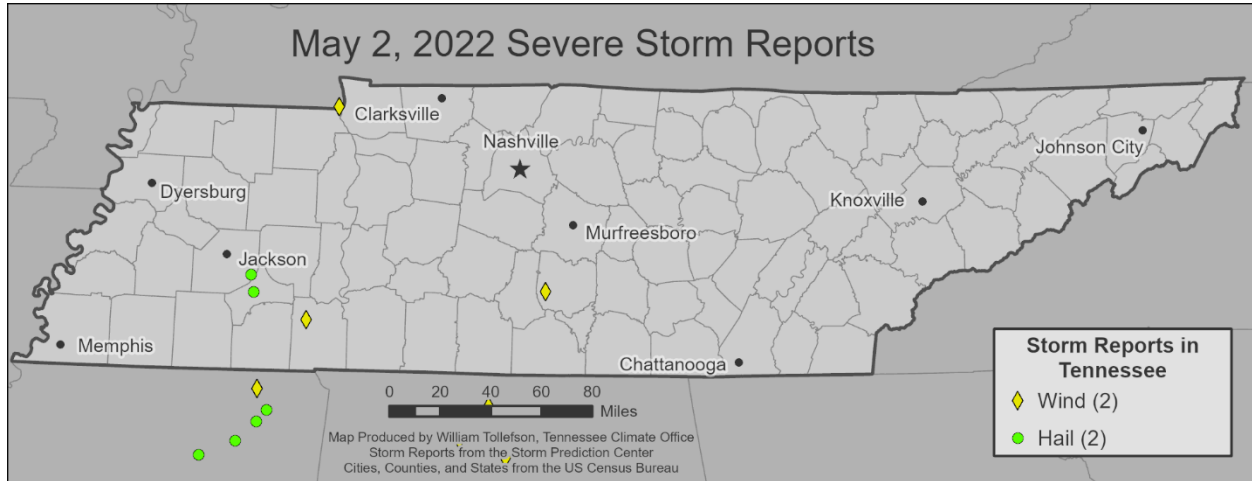
There were two rounds of significantly warm temperatures this month, which led to most areas of the state recording an above normal mean temperature for the month. The first came on May 11-12 when high temperatures soared into the 90s for many areas of the state. Memphis International Airport recorded a high of 97° on May 12, this was the highest temperature recorded in Tennessee during May 2022, and set a daily record for the weather station. This new record beat the previous daily high for May 12 of 93°F set in 2005. The second round of record-setting heat occurred from May 20 to May 23, when six weather stations set a record daily high temperature, but overnight temperatures were the main story with this heat wave. From the 20th to the 23rd, there were 60 broken or tied records for warmest low temperatures set at weather stations with at least 30-year reporting histories.

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 tornadoes, but a total of 52 severe wind damage reports and 45 severe hail reports (1-inch diameter or larger).

May 2



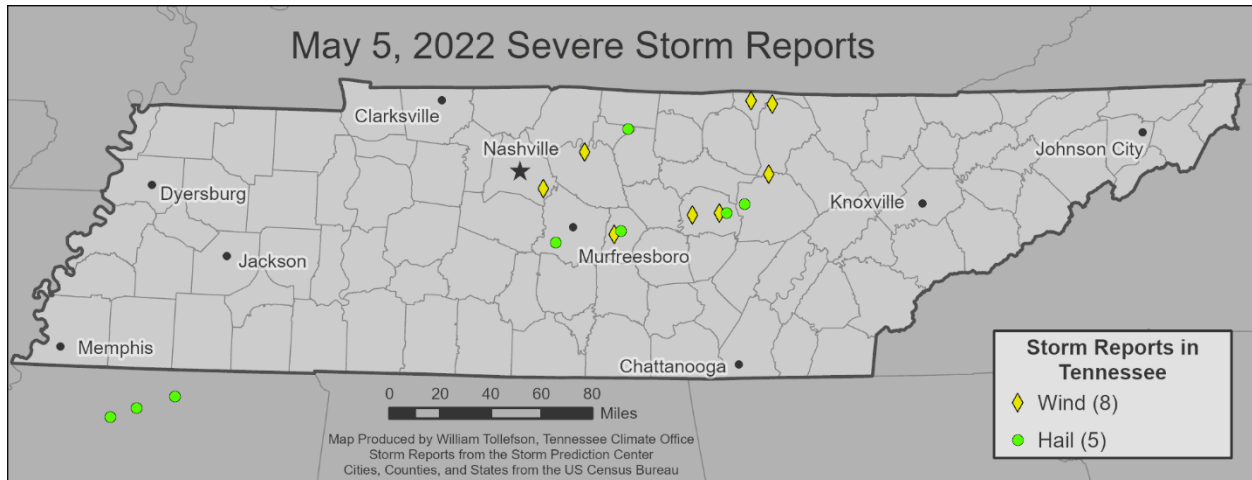
Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
21:54	--	5 NE CRUMP	HARDIN	35.29	-88.27	TREES AND POWER LINES DOWN IN THE AREA OF GLENDALE RD... SMALL RD IN W HARDIN COUNTY PER HARDIN COUNTY FIRE. (MEG)
23:30	--	9 W SHELBYVILLE	BEDFORD	35.47	-86.6	TSPOTTER REPORT AND PHOTO OF A TREE DOWN ON HENDERSON ROAD IN WHEEL. (OHX)

Hail:

Time (UTC)	Size (in)	Location	County	Lat	Lon	Comments
21:48	1.00	HENDERSON	CHESTER	35.44	-88.64	(MEG)
21:55	1.00	4 WSW MIFFLIN	MADISON	35.54	-88.66	QUARTER-SIZED HAIL ALONG DIAMOND GROVE RD. DELAYED REPORT. (MEG)

May 5



Wind:

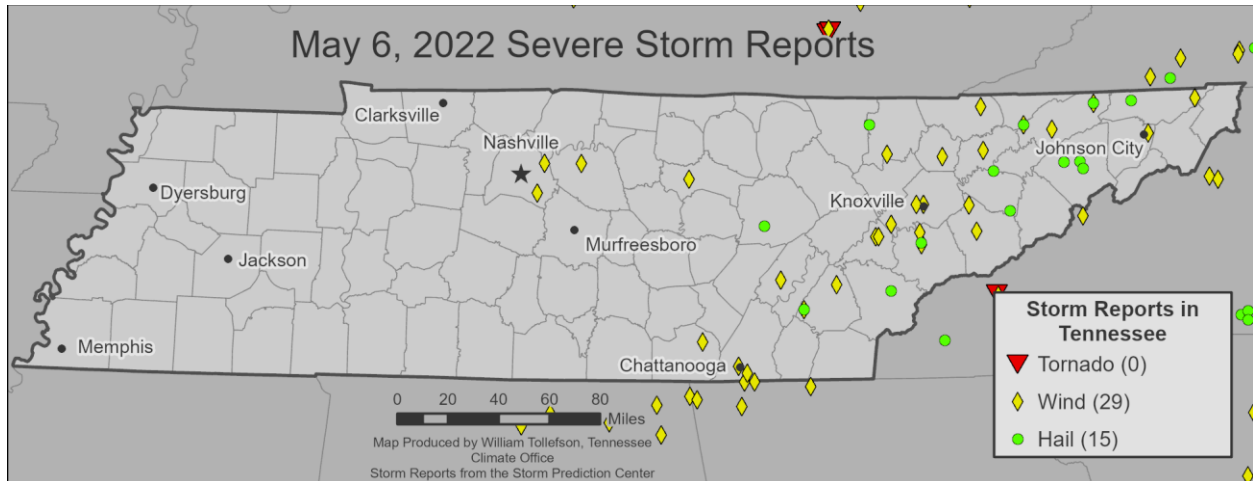
Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
20:40	--	5 N LEBANON	WILSON	36.28	-86.33	TWITTER REPORT AND PHOTO SHOWED A LARGE BUT ROTTEN TREE WAS BLOWN DOWN AND CRUSHED A CARPORT DAMAGING A BOAT ON MANN ROAD. (OHX)
20:50	--	3 SSW CLARKRANGE	CUMBERLAND	36.15	-85.03	FACEBOOK VIDEO SHOWED PART OF TREE FELL ON A HOME IN RINNIE. (OHX)
21:49	--	6 NNW LA VERGNE	DAVIDSON	36.07	-86.62	TREE DOWN AND FENCING DAMAGED ON ANDERSON ROAD IN ANTIOCH. (OHX)
22:14	--	3 WSW WOODBURY	CANNON	35.81	-86.12	CORRECTS PREVIOUS TSTM WND DMG REPORT FROM 3 WSW WOODBURY. DRONE VIDEO FOOTAGE... SOCIAL MEDIA REPORTS AND PHOTOS INDICATE A 1/2 MILE LONG BY 1/2 MILE WIDE MICROBURST S (OHX)
23:25	--	5 WSW SPARTA	WHITE	35.92	-85.57	TREES WERE BLOWN DOWN ON CASH DOLLAR COVE ROAD AT JARED ROAD AS WELL AS ON WILL THOMPSON ROAD. (OHX)
23:34	--	1 W BYRDSTOWN	PICKETT	36.57	-85.15	REPORT OF A TREE DOWN ALONG WEST MAIN STREET. TIME ESTIMATED BY RADAR. (OHX)
23:45	--	5 E SPARTA	WHITE	35.93	-85.38	NUMEROUS TREES AND POWER LINES DOWN ACROSS WHITE COUNTY. (OHX)
0:04	--	8 ESE BYRDSTOWN	FENTRESS	36.55	-85	REPORT OF A TREE DOWN ON REED CREEK ROAD IN PALL MALL. (OHX)

Hail:

May 2022 Tennessee State Climate Summary

Time (UTC)	Size (in)	Location	County	Lat	Lon	Comments
21:08	1.00	8 E HARTSVILLE	TROUSDALE	36.41	-86.02	QUARTER SIZE HAIL REPORTED NEAR HARTSVILLE. (OHX)
21:32	1.00	7 ENE EAGLEVILLE	RUTHERFORD	35.76	-86.53	REPORTED BY FAMILY OF NWS EMPLOYEE IN ROCKVALE. (OHX)
22:21	1.00	WOODBURY	CANNON	35.83	-86.07	CORRECTS PREVIOUS TSTM WND DMG REPORT FROM WOODBURY. NUMEROUS FACEBOOK AND TWITTER REPORTS OF PEA TO QUARTER SIZE HAIL. (OHX)
23:49	1.75	8 WSW PLEASANT HILL	WHITE	35.93	-85.33	PING PONG TO GOLFBALL SIZE HAIL DAMAGED TWO VEHICLES ON LOVEJOY ROAD. (OHX)
0:01	1.00	PLEASANT HILL	CUMBERLAND	35.98	-85.2	(OHX)

May 6



Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
17:25	--	KNOXVILLE	KNOX	35.98	-83.95	BEVERLEY ROAD/ANDERSON ROAD IN N. KNOXVILLE... TREE DOWN... 3 DIAMETER TOTAL... MULTI TRUNK... BEVERLY ROAD PARTIALLY BLOCKED. (MRX)
17:30	--	MARYVILLE	BLOUNT	35.76	-83.97	LARGE TREE DOWN. (MRX)
18:10	--	KODAK	SEVIER	35.97	-83.63	FEW TREES DOWN. (MRX)
18:14	--	1 NE WHITWELL	MARION	35.21	-85.51	A FEW TREES DOWN. (MRX)
18:15	--	RUTLEDGE	GRAINGER	36.28	-83.52	FEW TREES DOWN. (MRX)
18:17	--	1 W LENOIR CITY	LOUDON	35.8	-84.29	TREES AND POWER LINES DOWN ACROSS THE COUNTY. (MRX)
18:30	--	2 NW NIOTA	MCMINN	35.53	-84.57	SEVERAL TREES DOWN. (MRX)

May 2022 Tennessee State Climate Summary

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
18:42	--	3 W KNOXVILLE	KNOX	35.98	-84	LARGE TREE DOWN IN VICTOR ASHE PARK. (MRX)
18:50	70	TREADWAY	HANCOCK	36.42	-83.23	RECORDED ON HOME WEATHER STATION. (MRX)
19:00	--	2 ESE BAXTER	PUTNAM	36.14	-85.6	5 INCH DIA / 25 FEET TREE DOWN ALONG I-40. (OHX)
19:10	--	EVENSVILLE	RHEA	35.56	-84.96	TREES DOWN. (MRX)
19:10	--	ANTIOCH	DAVIDSON	36.06	-86.67	LARGE TREE BRANCH ON POWER LINE CAUSING POWER OUTAGE. (OHX)
19:20	--	1 SE LAKEWOOD	DAVIDSON	36.23	-86.62	LARGE TREE BRANCH DOWN NEAR ANDREW JACKSON ELEMENTARY SCHOOL. (OHX)
19:27	--	2 WNW LEBANON	WILSON	36.23	-86.36	LARGE TREE DOWN AT HWY 70 AND BETHLEHEM ROAD. (OHX)
19:33	--	CHATTANOOGA	HAMILTON	35.07	-85.26	TREE DOWN ON VEHICLE EAST 8TH STREET NEAR DOUGLAS STREET. (MRX)
19:50	--	HILLSVIEW	MCMINN	35.39	-84.8	TREES DOWN. (MRX)
19:53	61	4 SE CHATTANOOGA	HAMILTON	35.03	-85.2	ASOS STATION KCHA CHATTANOOGA AIRPORT. (MRX)
20:10	--	LENOIR CITY	LOUDON	35.8	-84.27	TREES DOWN. SHED DESTROYED. (MRX)
20:20	--	2 NW DISNEY	CAMPBELL	36.27	-84.2	A FEW TREES DOWN. (MRX)
20:25	--	MARYVILLE	BLOUNT	35.75	-83.97	MULTIPLE TREES AND POWER LINES DOWN IN AND AROUND THE CITY OF MARYVILLE. (MRX)
20:25	--	FARRAGUT	KNOX	35.87	-84.18	MULTIPLE REPORTS OF TREES AND POWER LINES DOWN WEST OF KNOXVILLE. (MRX)
20:30	--	2 NNW PIGEON FORGE	SEVIER	35.82	-83.58	TREES AND POWER LINES DOWN BETWEEN PIGEON FORGE AND SEVIERVILLE. (MRX)
20:31	64	2 N ALCOA	BLOUNT	35.82	-83.98	ASOS STATION KTYS KNOXVILLE MCGHEE TYSON. (MRX)
21:05	--	MAYNARDVILLE	UNION	36.25	-83.81	TREES AND POWER LINES DOWN. (MRX)
22:04	--	6 NNE TAZEWELL	CLAIBORNE	36.53	-83.53	SEVERAL TREES AND POWER LINES DOWN. (MRX)
22:08	--	2 SW ROGERSVILLE	HAWKINS	36.39	-83.03	TREES AND POWER LINES DOWN SEVERAL LOCATIONS ACROSS THE COUNTY. (MRX)
22:12	--	1 WNW CHURCH HILL	HAWKINS	36.53	-82.73	TWO TREES BLOWN DOWN AND 58 MPH WIND GUST RECORDED ON HOME WEATHER STATION. (MRX)
22:25	--	1 NNE JOHNSON CITY	WASHINGTON	36.35	-82.35	TREES AND POWER LINES DOWN ACROSS THE ENTIRE COUNTY. (MRX)

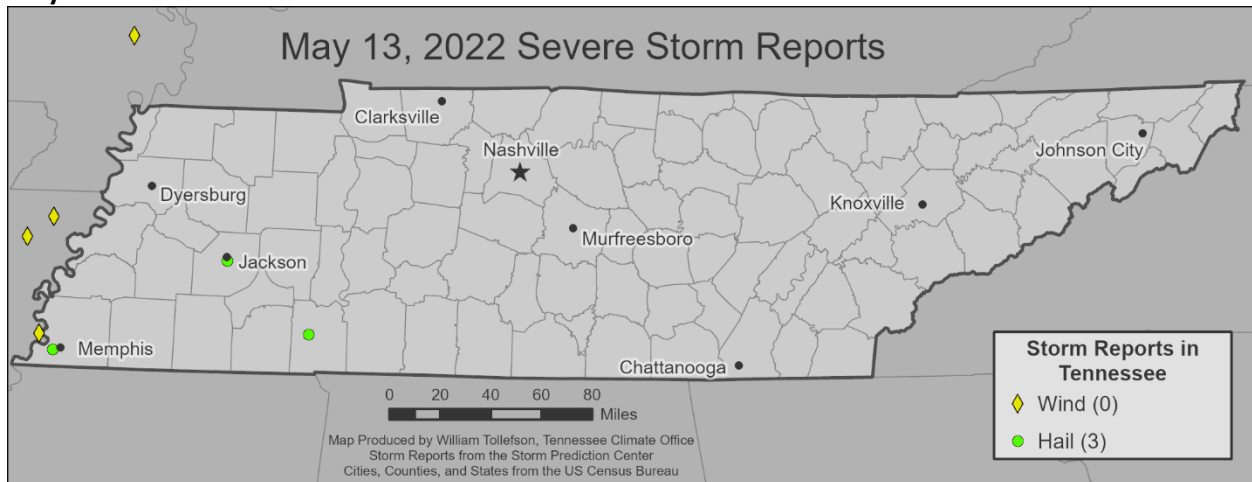
May 2022 Tennessee State Climate Summary

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
23:00	--	3 SSW HARR	SULLIVAN	36.54	-82.01	SOME TREES AND POWER LINES DOWN. (MRX)

Hail:

Time (UTC)	Size (in)	Location	County	Lat	Lon	Comments
17:30	1.00	MARYVILLE	BLOUNT	35.76	-83.97	(MRX)
18:10	2.25	6 SSW CROSSVILLE	CUMBERLAND	35.87	-85.07	LAKE TANSI. (OHX)
18:30	1.25	1 NNW PIONEER	CAMPBELL	36.44	-84.32	TREES AND POWER LINES DOWN. (MRX)
18:50	1.50	1 WNW TARIFFVILLE	MONROE	35.49	-84.19	SEVERAL TREES DOWN. (MRX)
18:50	1.00	TREADWAY	HANCOCK	36.42	-83.23	(MRX)
19:30	1.25	2 W TALBOTT	HAMBLEN	36.16	-83.45	(MRX)
19:30	1.25	1 NNW PIONEER	CAMPBELL	36.44	-84.32	CORRECTS PREVIOUS HAIL REPORT FROM 1 NNW PIONEER. TREES AND POWER LINES DOWN. (MRX)
19:50	1.00	HILLSVIEW	MCMINN	35.39	-84.8	(MRX)
19:50	1.50	1 WNW TARIFFVILLE	MONROE	35.49	-84.19	CORRECTS PREVIOUS HAIL REPORT FROM 1 WNW TARIFFVILLE. SEVERAL TREES DOWN. (MRX)
20:20	1.25	1 NE MOSHEIM	GREENE	36.2	-82.95	(MRX)
20:48	1.25	3 NNW GREENEVILLE	GREENE	36.2	-82.84	(MRX)
21:05	1.00	CHESTNUT HILL	JEFFERSON	35.93	-83.34	(MRX)
21:10	1.25	3 SE BLOOMINGDALE	SULLIVAN	36.54	-82.46	(MRX)
21:42	1.00	1 S GREENEVILLE	GREENE	36.16	-82.82	QUARTER SIZE HAIL REPORTED 1 MILE SOUTH OF GREENEVILLE. (MRX)
22:12	1.00	1 WNW CHURCH HILL	HAWKINS	36.53	-82.73	QUARTER SIZE HAIL REPORTED. (MRX)

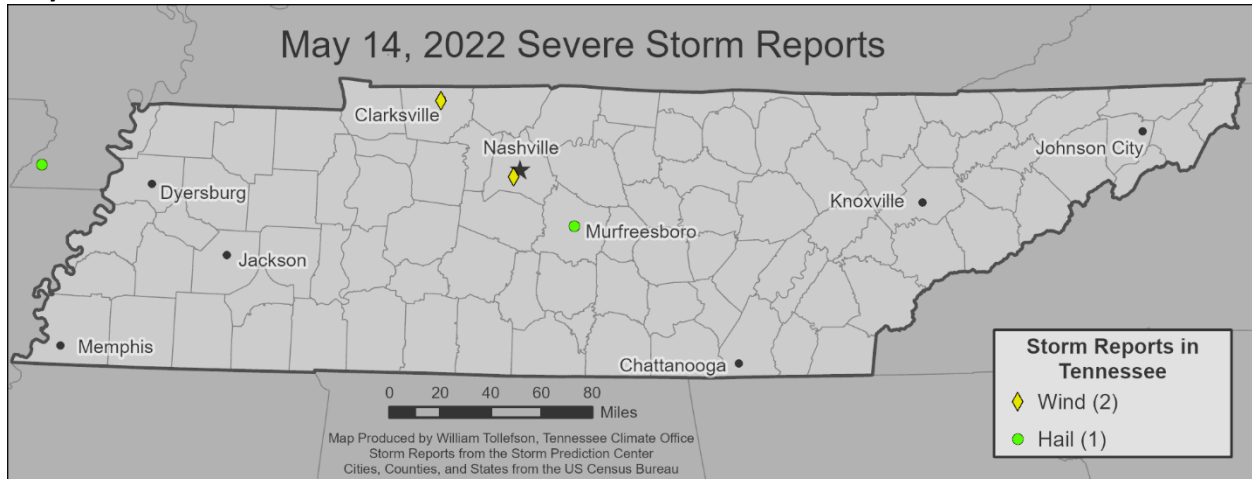
May 13



Hail:

Time (UTC)	Size (in)	Location	County	Lat	Lon	Comments
19:03	1.25	3 SE DOWNTOWN MEMPHIS	SHELBY	35.09	-90.03	REPORT FROM MPING: HALF DOLLAR (1.25 IN.). (MEG)
21:33	1.00	JACKSON	MADISON	35.63	-88.83	QUARTER SIZE HAIL REPORTED IN DOWNTOWN JACKSON. (MEG)
22:37	1.00	1 WNW SAVANNAH	HARDIN	35.22	-88.25	QUARTER SIZE HAIL AT MAIN ST. AND GUINN ST. (MEG)

May 14:



Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
3:55	--	CLARKSVILLE	MONTGOMERY	36.56	-87.35	MULTIPLE TREES... POWER LINES AND POWER POLES DOWN ACROSS CLARKSVILLE. (OHX)
4:45	--	3 NNE BELLE MEADE	DAVIDSON	36.13	-86.83	TWITTER REPORTS OF TREES DOWN IN NASHVILLE AT NORTH WILSON BLVD AT WEST END AVE... AT JOHN ROBERTSON

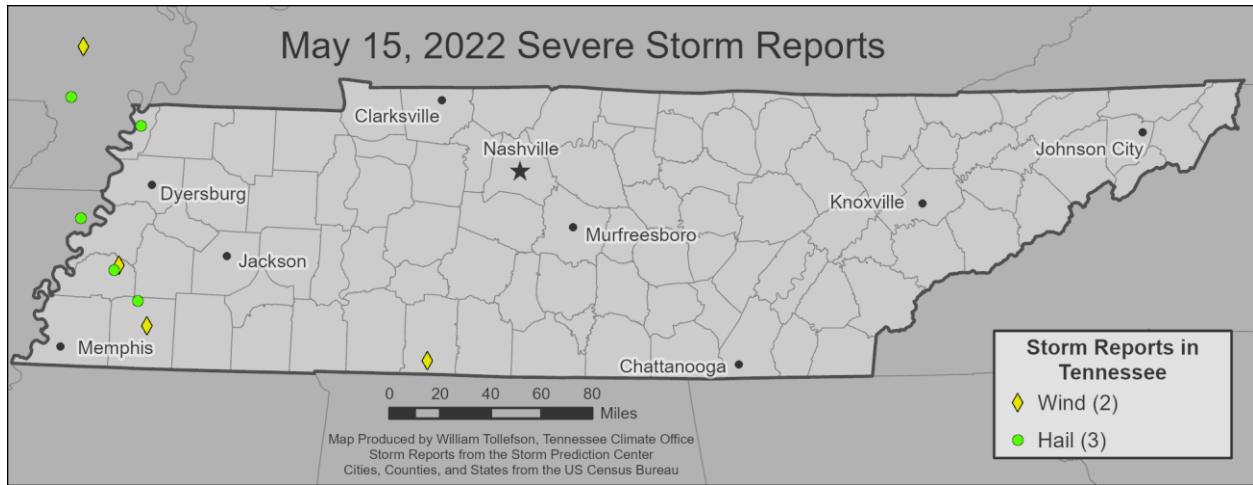
May 2022 Tennessee State Climate Summary

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
						PKWY AT GAY ST... AND IN THE CHARLOTTE PARK AREA. (OHX)

Hail:

Time (UTC)	Size (in)	Location	County	Lat	Lon	Comments
1:43	1.00	1 S MURFREESBORO	RUTHERFORD	35.85	-86.4	FACEBOOK PHOTO OF PEA TO QUARTER SIZE HAIL NEAR THE COURTHOUSE IN DOWNTOWN MURFREESBORO. (OHX)

May 15:



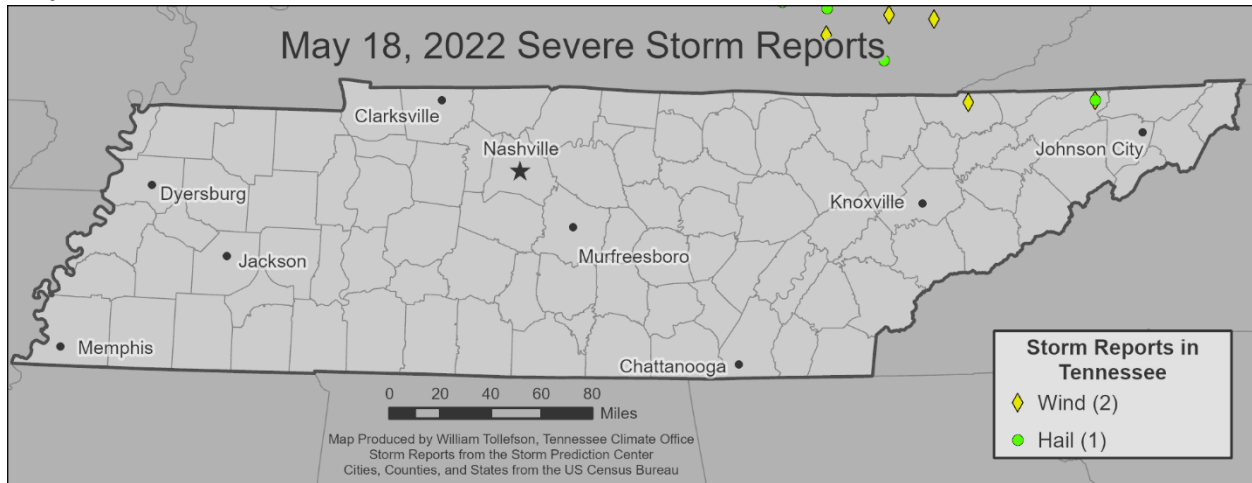
Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
22:35	63	4 ENE COVINGTON	TIPTON	35.58	-89.59	A 63 MPH WIND GUST MEASURED AT COVINGTON MUNICIPAL AIRPORT. (MEG)
23:16	60	2 W SOMERVILLE	FAYETTE	35.24	-89.38	ESTIMATED WIND GUSTS OF 60 MPH WITH NICKEL-SIZED HAIL. (MEG)

Hail:

Time (UTC)	Size (in)	Location	County	Lat	Lon	Comments
21:42	1.25	TIPTONVILLE	LAKE	36.38	-89.47	(MEG)
22:19	1.50	2 SE COVINGTON	TIPTON	35.55	-89.62	(MEG)
23:08	1.00	5 ESE MASON	FAYETTE	35.38	-89.45	QUARTER-SIZED HAIL OBSERVED ALONG INTERSTATE 40 AT MILE MARKER 40. (MEG)

May 18:



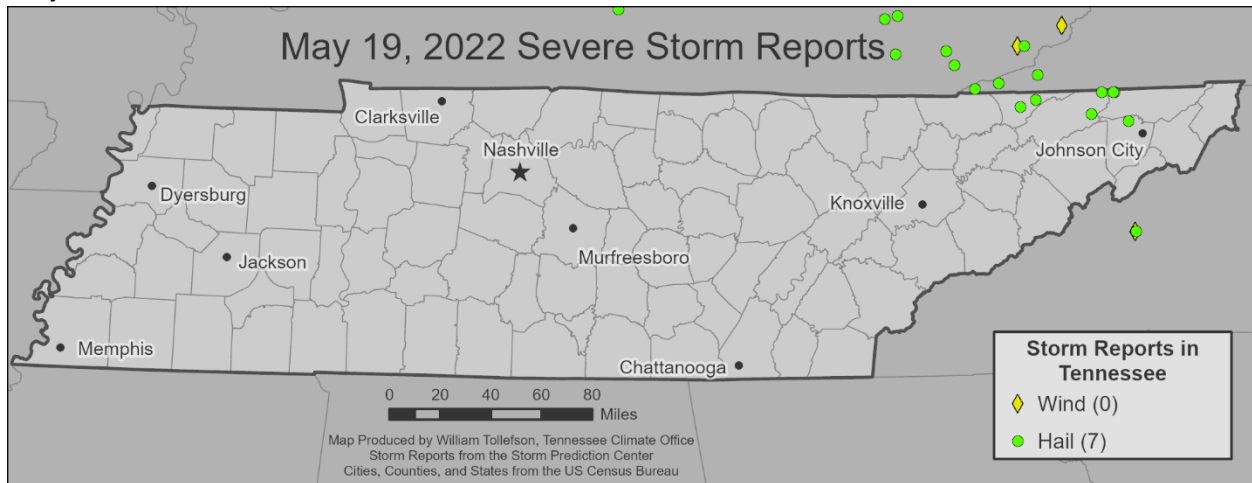
Wind:

Time (UTC)	Speed	Location	County	Lat	Lon	Comments
2:35	--	4 ESE ARTHUR	CLAIBORNE	36.54	-83.61	A FEW TREES DOWN. (MRX)
8:45	60	CHURCH HILL	HAWKINS	36.53	-82.71	(MRX)

Hail:

Time (UTC)	Size	Location	County	Lat	Lon	Comments
8:45	1.25	CHURCH HILL	HAWKINS	36.53	-82.71	(MRX)

May 19:



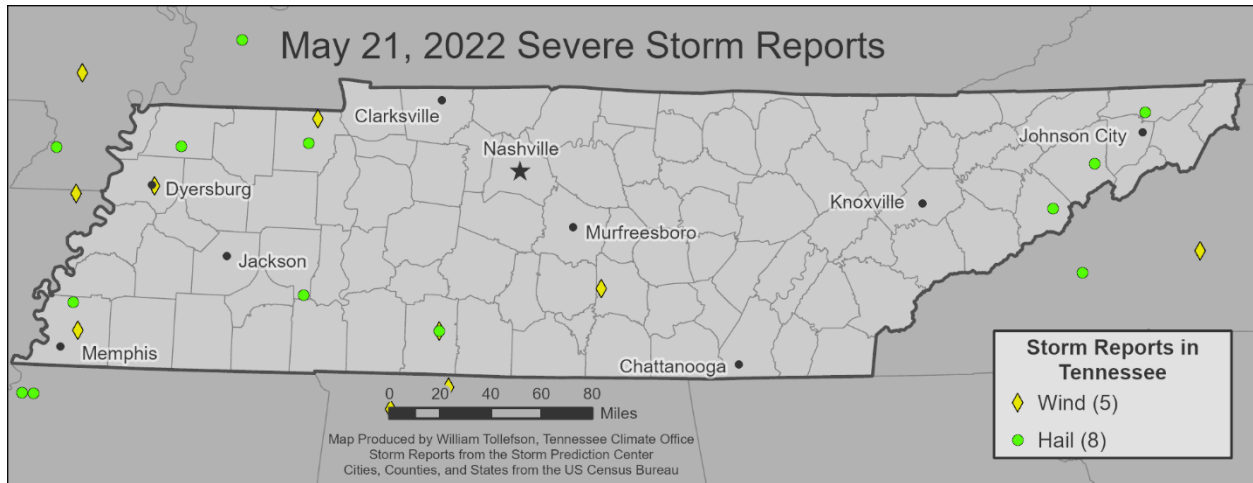
Hail:

Time (UTC)	Size (in)	Location	County	Lat	Lon	Comments
18:59	1.00	1 N MOUNT CARMEL	HAWKINS	36.58	-82.66	(MRX)
19:13	1.00	3 S WEBER CITY	SULLIVAN	36.58	-82.57	REPORTED BY TRAINED SPOTTER. (MRX)

May 2022 Tennessee State Climate Summary

Time (UTC)	Size (in)	Location	County	Lat	Lon	Comments
20:15	1.00	2 SSW SNEEDVILLE	HANCOCK	36.51	-83.24	(MRX)
20:35	1.00	4 E SNEEDVILLE	HANCOCK	36.55	-83.13	A FEW TREES DOWN. (MRX)
23:04	2.00	4 SSW CHURCH HILL	HAWKINS	36.46	-82.74	(MRX)
23:05	1.50	4 NNW KINGSPOUR	SULLIVAN	36.58	-82.58	REPORT FROM MPING: PING PONG BALL (1.50 IN.). (MRX)
23:31	1.75	GRAY	WASHINGTON	36.41	-82.48	SOCIAL MEDIA REPORT. (MRX)

May 21:



Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
21:30	--	7 E PURYEAR	HENRY	36.45	-88.22	MULTIPLE TREES DOWN ON CLAYTON TOWN ROAD. (MEG)
1:08	--	1 E DYERSBURG	DYER	36.04	-89.36	A COUPLE OF LARGE TREES DOWN ON THE EAST SIDE OF DYERSBURG. (MEG)
1:30	--	1 WSW BARTLETT	SHELBY	35.2	-89.86	DOWNED POWERLINE AND LEANING UTILITY POLE AT STAGE ROAD AND ELMORE PARK ROAD. (MEG)
1:45	--	4 NE NORMANDY	COFFEE	35.5	-86.21	TWITTER TSPOTTER PHOTO SHOWED A TREE BLOWN DOWN ONTO A VEHICLE ON LAKE HILL ROAD. (OHX)
3:45	--	LAWRENCEBURG	LAWRENCE	35.25	-87.34	TREES WERE BLOWN DOWN AND POWER OUTAGES OCCURRED. A HIGH SCHOOL GYMNASIUM ROOF WAS DAMAGED CAUSING WATER DAMAGE. TIME ESTIMATED BY REPORT TIMES AND RADAR. (OHX)

May 2022 Tennessee State Climate Summary

Hail:

Time (UTC)	Size (in)	Location	County	Lat	Lon	Comments
20:15	1.00	DEL RIO	COCKE	35.92	-83.03	PHOTO FROM FACEBOOK OF ESTIMATED QUARTER SIZE HAIL. (MRX)
20:18	1.00	1 ESE TUSCULUM	GREENE	36.17	-82.73	REPORT FROM MPING: QUARTER (1.00 IN.). (MRX)
20:53	1.00	3 SE TRI-CITY AIRPORT	SULLIVAN	36.45	-82.36	NICKEL TO QUARTER SIZE HAIL. (MRX)
21:13	1.00	1 NE OBION	OBION	36.27	-89.18	QUARTER-SIZED HAIL REPORTED 5 MILES SOUTH OF TROY. (MEG)
21:20	1.00	1 ENE PARIS	HENRY	36.31	-88.28	QUARTER-SIZED HAIL NEAR THE FAIRGROUNDS. (MEG)
1:23	1.00	LAWRENCEBURG	LAWRENCE	35.25	-87.34	(OHX)
1:33	1.00	2 NNW MILLINGTON	SHELBY	35.36	-89.9	QUARTER-SIZED HAIL NEAR WEST UNION ROAD AND WILKINSVILLE ROAD. (MEG)
2:40	1.00	SARDIS	HENDERSON	35.44	-88.29	(MEG)

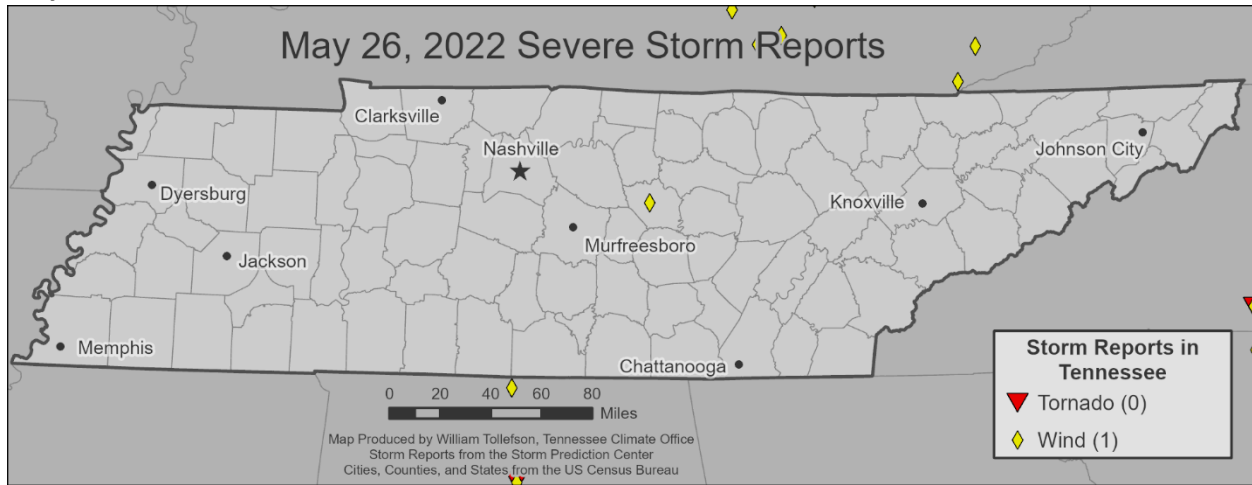
May 24:



Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
7:40	--	MCEWEN	HUMPHREYS	36.11	-87.64	FACEBOOK PHOTOS SHOW A GAS STATION AWNING WAS KNOCKED DOWN IN MCEWEN. (OHX)

May 26



Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
18:14	--	3 NW SMITHVILLE	DE KALB	35.99	-85.87	DELAYED REPORT FROM MAY 26. FOUR TREES BLOWN DOWN AROUND RESIDENCE ON NASHVILLE HIGHWAY. (OHX)

CPC Outlooks for the Next Month:

The NOAA Climate Prediction Center monthly outlooks for June show that southern and eastern sections of Tennessee are leaning towards an above normal temperature pattern, while the northwestern portion of the state will have equal chances of above or below normal temperatures for the month. Most of Tennessee will also have equal chances for above or below normal precipitation for June, with just a small area in extreme western Tennessee leaning towards an above normal precipitation pattern.

