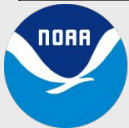


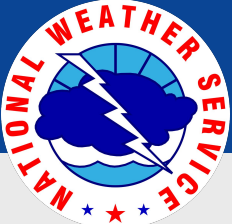


Monthly Climate Summary

August 2023 Overview

Monthly Climate Overview - August 2023				
Category	Springfield	Joplin	West Plains	Vichy
Maximum Temperature	100	103	102	98
Average Max. Temperature	88.7	91.8	88.7	85.2
Minimum Temperature	56	57	54	54
Average Min. Temperature	68.8	70	67.2	66.4
Average Mean Temperature	78.7	80.9	78.0	75.8
Departure from Normal	+0.5	+1.9	1.1	-0.5
Temperature Rank	34th warmest / 136	19th warmest / 92	14th warmest / 75	32nd coolest / 77
Days of 90 degrees or warmer	11	17	13	8
# of Days of Highs of 32 or lower	0	0	0	0
# of Days of Lows of 32 or lower	0	0	0	0
# of Days of 0 degrees or lower	0	0	0	0
Precipitation	6.20	3.85	2.47	2.40
Departure from Normal	2.61	0.49	-0.89	-1.26
Precipitation Rank	19th wettest / 136	49th wettest / 108	25th driest / 75	25th driest / 79
Days of 0.01" or more	7	7	8	8
Days of 0.10" or more	5	6	6	6
Days of 0.50" or more	4	3	1	2
Days of 1.00" or more	2	2	1	1
Monthly Snowfall	0			

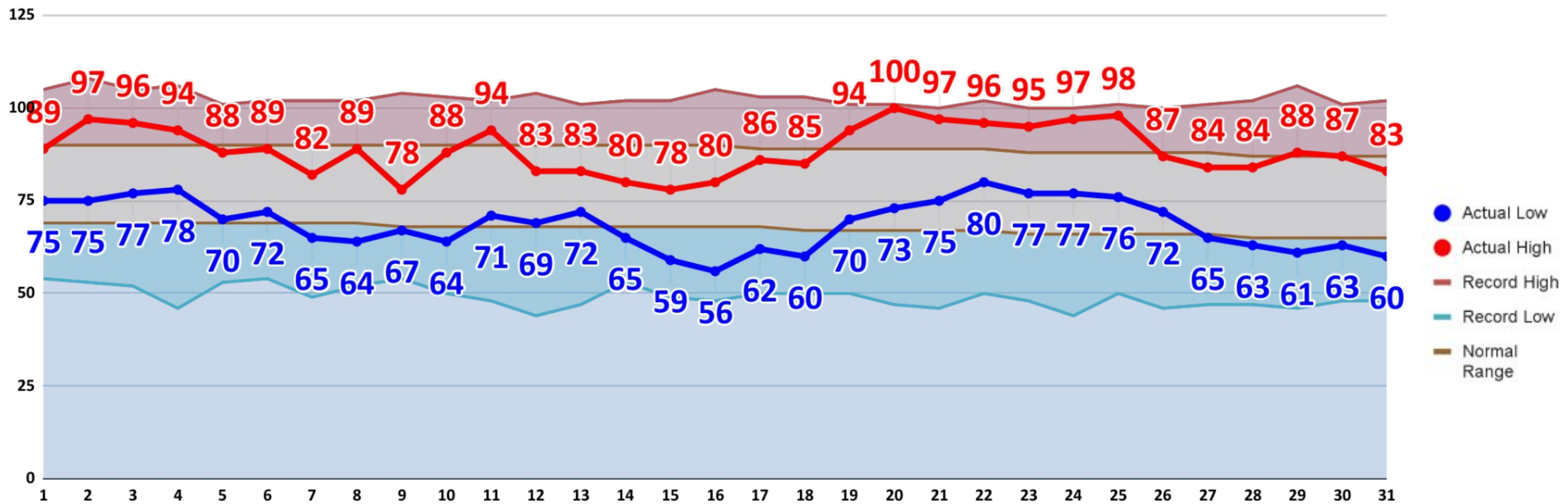


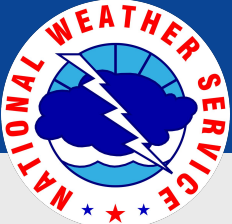


Monthly Climate Summary

Springfield Temperature Chart

Springfield Temperatures August 2023

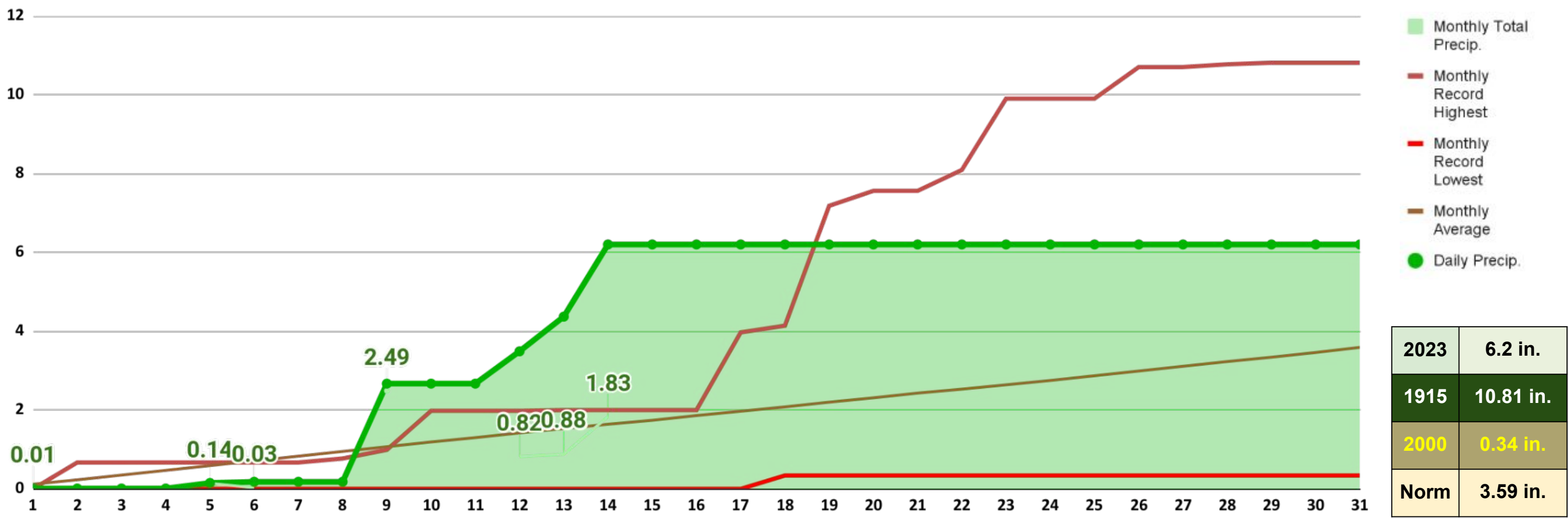


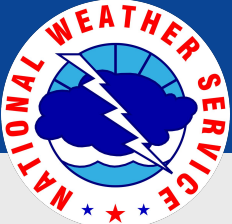


Monthly Climate Summary

Springfield Precipitation Chart

Springfield Precipitation August 2023

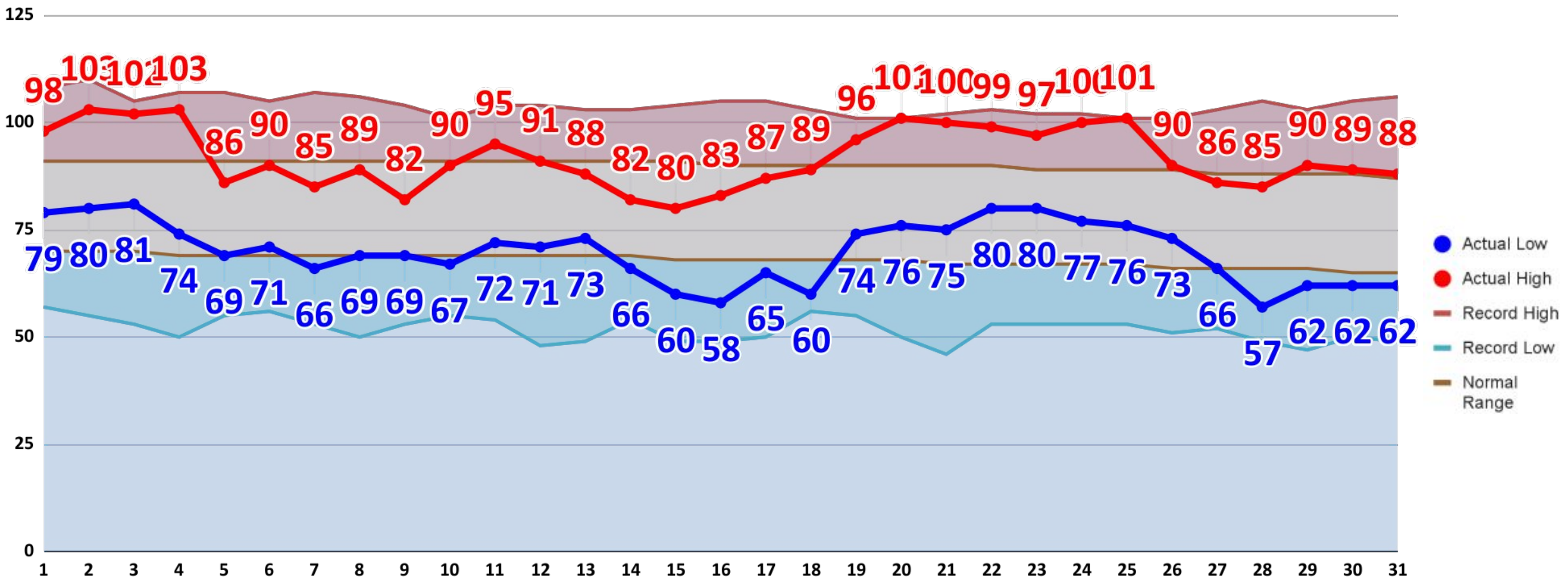


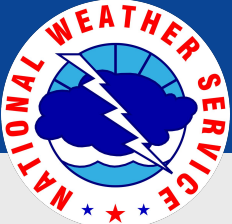


Monthly Climate Summary

Joplin Temperature Chart

Joplin Temperatures August 2023

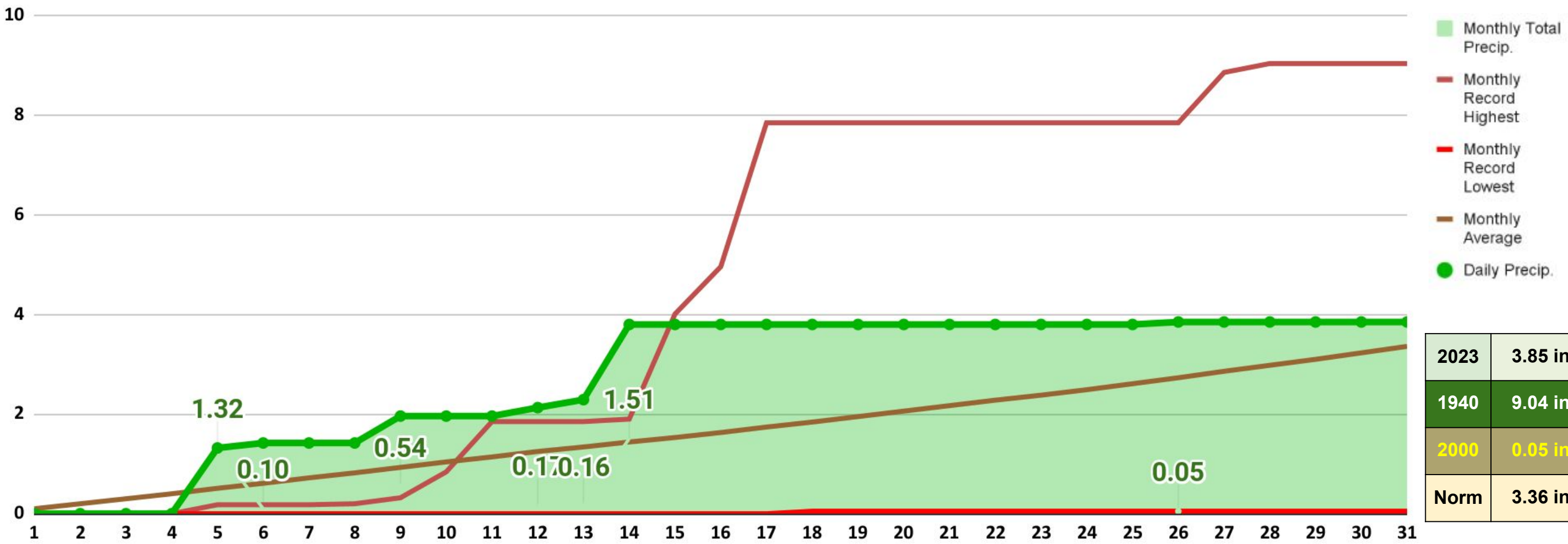




Monthly Climate Summary

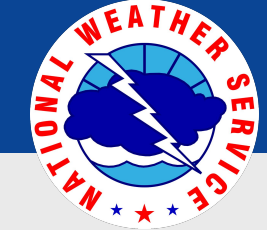
Joplin Precipitation Chart

Joplin Precipitation August 2023



2023	3.85 in.
1940	9.04 in.
2000	0.05 in.
Norm	3.36 in.

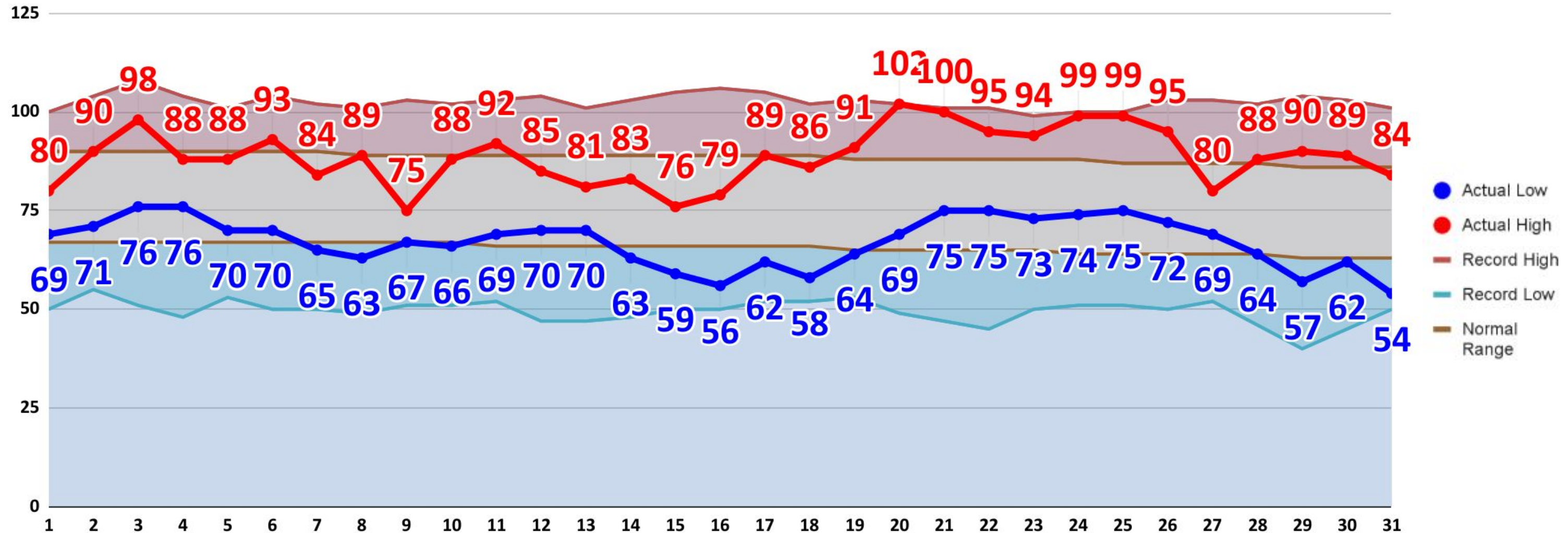


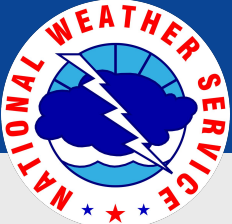


Monthly Climate Summary

West Plains Temperature Chart

West Plains Temperatures August 2023

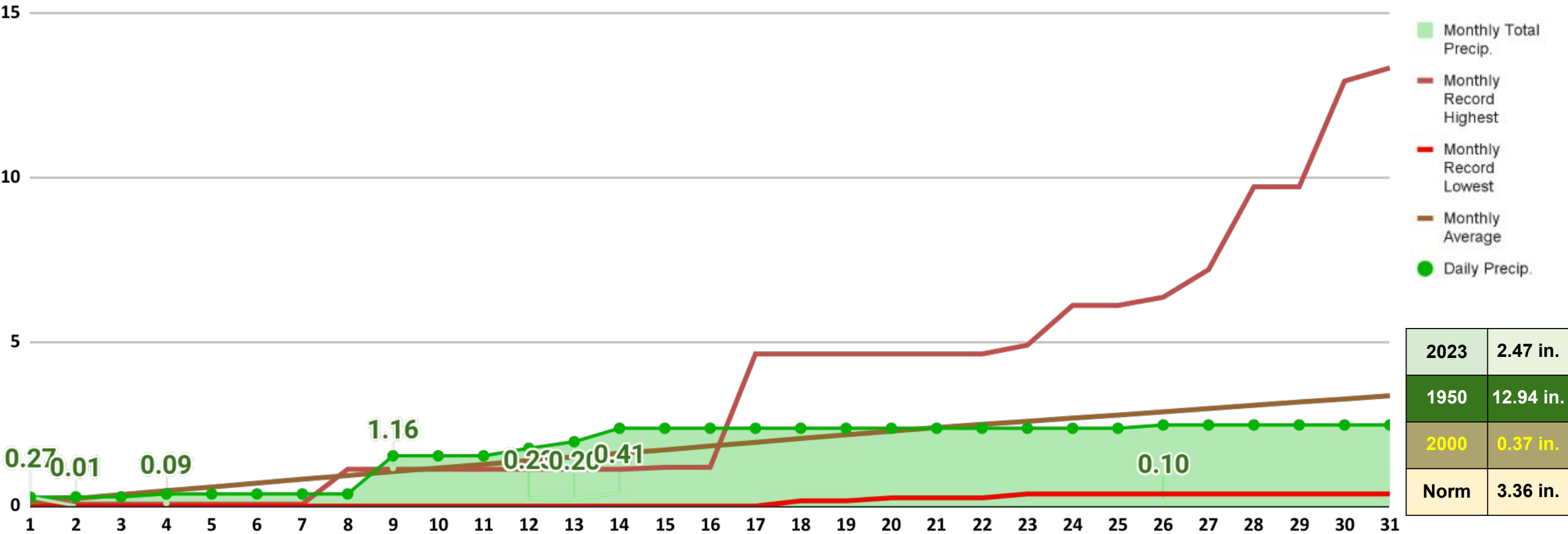


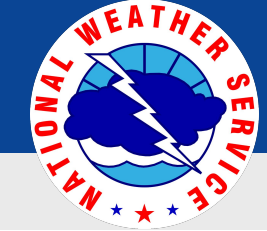


Monthly Climate Summary

West Plains Precipitation Chart

West Plains Precipitation August 2023

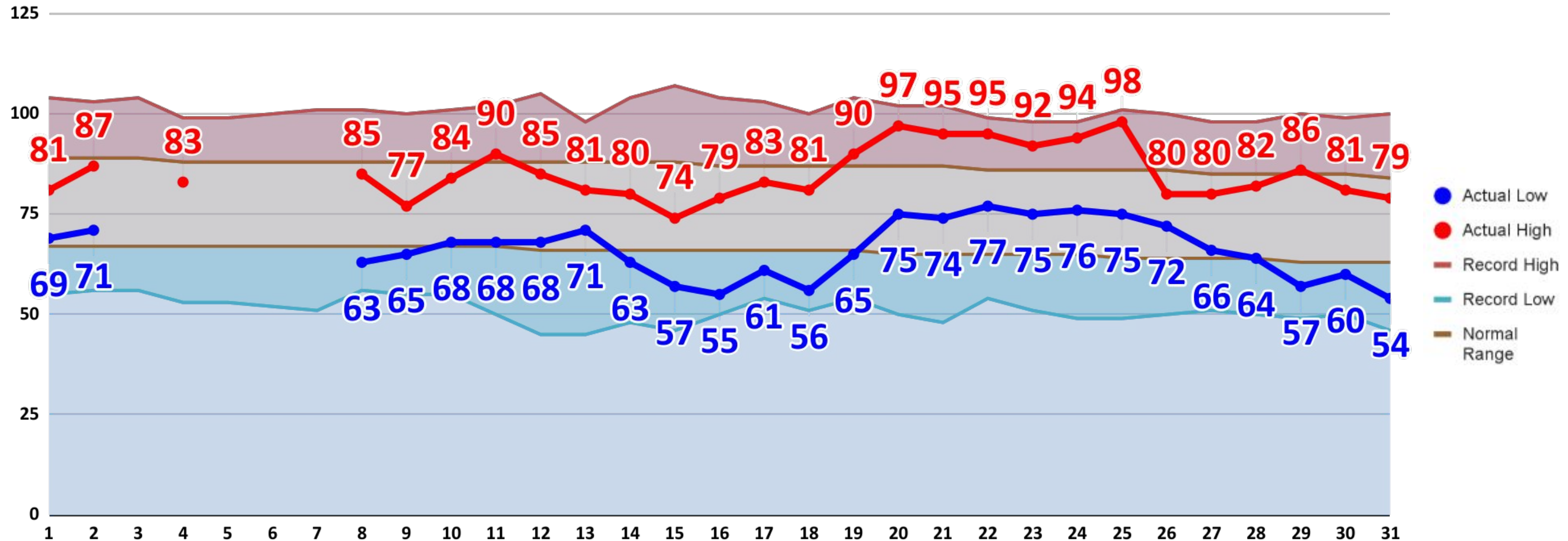


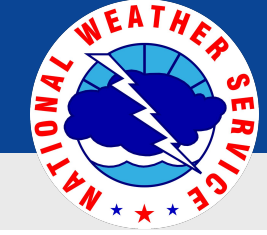


Monthly Climate Summary

Rolla / Vichy Temperature Chart

Rolla / Vichy Temperatures August 2023

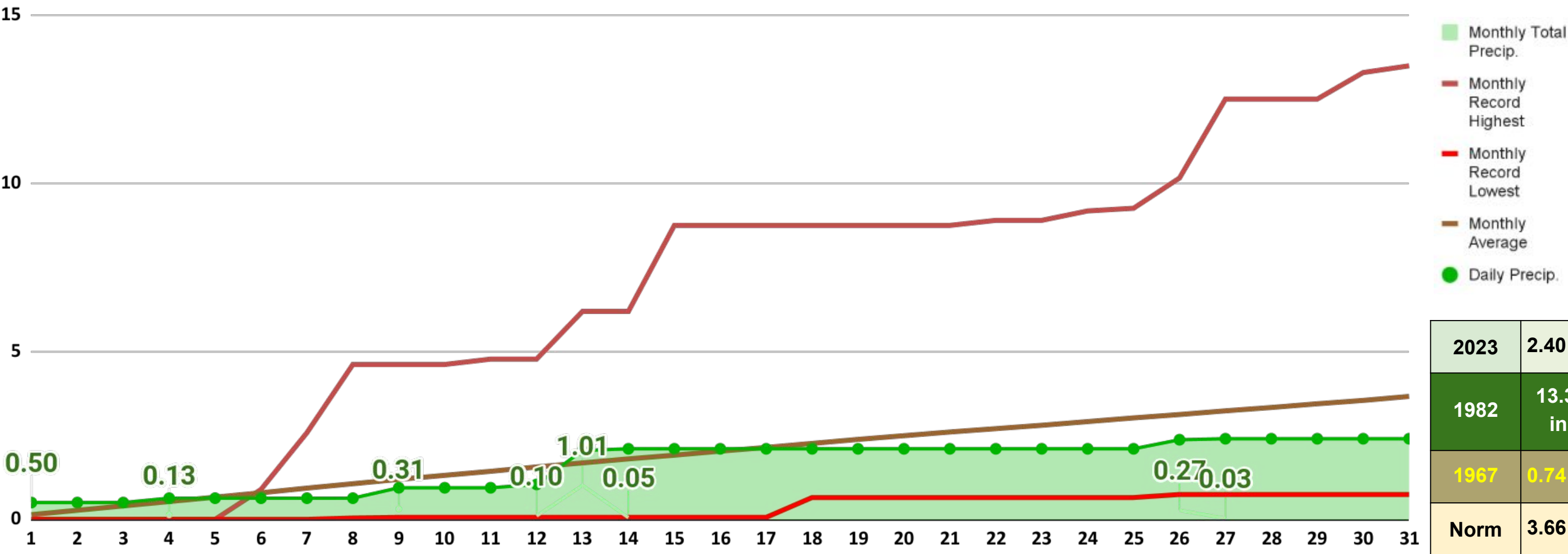


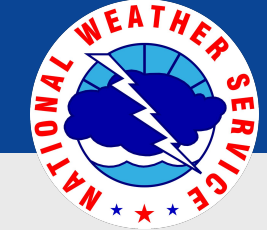


Monthly Climate Summary

Rolla / Vichy Precipitation Chart

Rolla / Vichy Precipitation August 2023

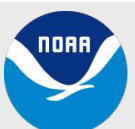




Monthly Climate Summary

August 2023 - Monthly Departure Maps

Data currently not available.



National Oceanic and
Atmospheric Administration

U.S. Department of Commerce

National Weather Service
Springfield, MO

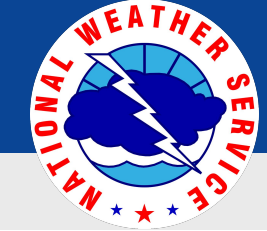


Monthly Climate Summary

August 2023 - Records for the month

List of August 2023 Records		
Date	Station	Record
Aug 20	Joplin	Record high of 101 tied the previous record set in 2003.
Aug 20	West Plains	Record high of 102 tied the previous record set in 1962.
Aug 25	Joplin	Record high of 101 tied the previous record set in 1983.





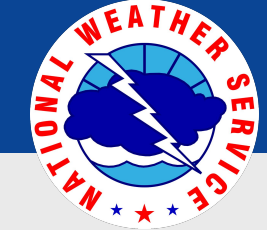
Monthly Climate Summary

Upcoming Normals

Upcoming Normal Conditions for the Next 3 Months				
Springfield				
Month	High	Low	Precip.	Snow
September	81.4	59.1	4.31	0.0
October	69.9	47.3	3.6	0.0
November	57.3	36.2	3.56	0.6
Joplin				
Month	High	Low	Precip.	
September	82.0	59.4	4.18	
October	70.7	47.9	3.80	
November	58.4	37.1	3.33	

Upcoming Normal Conditions for the Next 3 Months			
West Plains			
Month	High	Low	Precip.
September	80.8	57.4	3.09
October	69.5	46.2	4.08
November	57.1	36.1	4.34
Rolla / Vichy			
Month	High	Low	Precip.
September	79.1	57.5	3.81
October	67.8	46.4	3.21
November	54.9	35.2	3.45



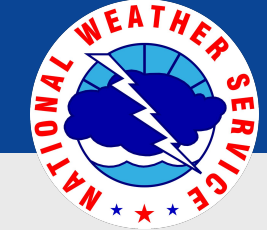


Monthly Climate Summary

August 2023 - Springfield Daily Data

Date	Max	Min	Avg.	Depart	Precip.	Snowfall	Snow Depth
8/1/2023	89	75	82.0	2.4	0.01	0	0
8/2/2023	97	75	86.0	6.4	0	0	0
8/3/2023	96	77	86.5	6.9	0	0	0
8/4/2023	94	78	86.0	6.4	T	0	0
8/5/2023	88	70	79.0	-0.5	0.14	0	0
8/6/2023	89	72	80.5	1.0	0.03	0	0
8/7/2023	82	65	73.5	-5.9	0	0	0
8/8/2023	89	64	76.5	-2.9	0	0	0
8/9/2023	78	67	72.5	-6.8	2.49	0	0
8/10/2023	88	64	76.0	-3.2	0	0	0
8/11/2023	94	71	82.5	3.4	0	0	0
8/12/2023	83	69	76.0	-3.0	0.82	0	0
8/13/2023	83	72	77.5	-1.4	0.88	0	0
8/14/2023	80	65	72.5	-6.3	1.83	0	0
8/15/2023	78	59	68.5	-10.2	0	0	0

Date	Max	Min	Avg.	Depart	Precip.	Snowfall	Snow Depth
8/16/2023	80	56	68	-10.6	0	0	0
8/17/2023	86	62	74	-4.4	0	0	0
8/18/2023	85	60	72.5	-5.8	0	0	0
8/19/2023	94	70	82	3.9	0	0	0
8/20/2023	100	73	86.5	8.6	0	0	0
8/21/2023	97	75	86	8.2	0	0	0
8/22/2023	96	80	88	10.4	0	0	0
8/23/2023	95	77	86	8.6	0	0	0
8/24/2023	97	77	87	9.8	0	0	0
8/25/2023	98	76	87	10	0	0	0
8/26/2023	87	72	79.5	2.8	T	0	0
8/27/2023	84	65	74.5	-2	T	0	0
8/28/2023	84	63	73.5	-2.8	0	0	0
8/29/2023	88	61	74.5	-1.5	0	0	0
8/30/2023	87	63	75	-0.7	0	0	0
8/31/2023	83	60	71.5	-4	0	0	0

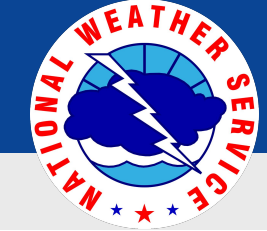


Monthly Climate Summary

August 2023 - Joplin Daily Data

Date	Max	Min	Avg.	Depart	Precip.
8/1/2023	98	79	88.5	8.1	0.00
8/2/2023	103	80	91.5	11.1	0.00
8/3/2023	102	81	91.5	11.2	0.00
8/4/2023	103	74	88.5	8.2	0.00
8/5/2023	86	69	77.5	-2.8	1.32
8/6/2023	90	71	80.5	0.3	0.10
8/7/2023	85	66	75.5	-4.7	0.00
8/8/2023	89	69	79.0	-1.1	0.00
8/9/2023	82	69	75.5	-4.6	0.54
8/10/2023	90	67	78.5	-1.5	0.00
8/11/2023	95	72	83.5	3.6	0.00
8/12/2023	91	71	81.0	1.2	0.17
8/13/2023	88	73	80.5	0.8	0.16
8/14/2023	82	66	74.0	-5.6	1.51
8/15/2023	80	60	70.0	-9.5	0.00

Date	Max	Min	Avg.	Depart	Precip.
8/16/2023	83	58	70.5	-8.8	0.00
8/17/2023	87	65	76.0	-3.2	0.00
8/18/2023	89	60	74.5	-4.6	0.00
8/19/2023	96	74	85.0	6.1	0.00
8/20/2023	101	76	88.5	9.8	0.00
8/21/2023	100	75	87.5	9.0	0.00
8/22/2023	99	80	89.5	11.2	0.00
8/23/2023	97	80	88.5	10.4	0.00
8/24/2023	100	77	88.5	10.6	0.00
8/25/2023	101	76	88.5	10.8	0.00
8/26/2023	90	73	81.5	4.0	0.05
8/27/2023	86	66	76.0	-1.2	0.00
8/28/2023	85	57	71.0	-6.0	0.00
8/29/2023	90	62	76.0	-0.7	0.00
8/30/2023	89	62	75.5	-0.9	0.00
8/31/2023	88	62	75.0	-1.1	0.00

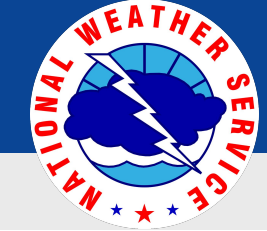


Monthly Climate Summary

August 2023 - West Plains Daily Data

Date	Max	Min	Avg.	Depart	Precip.
8/1/2023	80	69	74.5	-3.9	0.27
8/2/2023	90	71	80.5	2.2	0.01
8/3/2023	98	76	87.0	8.7	0.00
8/4/2023	88	76	82.0	3.7	0.09
8/5/2023	88	70	79.0	0.8	0.00
8/6/2023	93	70	81.5	3.3	0.00
8/7/2023	84	65	74.5	-3.6	0.00
8/8/2023	89	63	76.0	-2.1	0.00
8/9/2023	75	67	71.0	-7.0	1.16
8/10/2023	88	66	77.0	-0.9	0.00
8/11/2023	92	69	80.5	2.6	0.00
8/12/2023	85	70	77.5	-0.3	0.23
8/13/2023	81	70	75.5	-2.2	0.20
8/14/2023	83	63	73.0	-4.6	0.41
8/15/2023	76	59	67.5	-9.9	0.00

Date	Max	Min	Avg.	Depart	Precip.
8/16/2023	79	56	67.5	-9.8	0.00
8/17/2023	89	62	75.5	-1.7	0.00
8/18/2023	86	58	72.0	-5.0	0.00
8/19/2023	91	64	77.5	0.6	0.00
8/20/2023	102	69	85.5	8.8	0.00
8/21/2023	100	75	87.5	11.0	0.00
8/22/2023	95	75	85.0	8.6	0.00
8/23/2023	94	73	83.5	7.3	0.00
8/24/2023	99	74	86.5	10.5	0.00
8/25/2023	99	75	87.0	11.3	T
8/26/2023	95	72	83.5	8.0	0.10
8/27/2023	80	69	74.5	-0.8	0.00
8/28/2023	88	64	76.0	1.0	0.00
8/29/2023	90	57	73.5	-1.3	0.00
8/30/2023	89	62	75.5	1.0	0.00
8/31/2023	84	54	69.0	-5.3	0.00

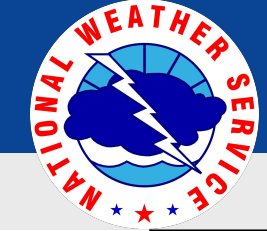


Monthly Climate Summary

August 2023 - Vichy Daily Data

Date	Max	Min	Avg.	Depart	Precip.
8/1/2023	81	69	75.0	-2.8	0.50
8/2/2023	87	71	79.0	1.2	M
8/3/2023	M	M	M	M	M
8/4/2023	83	M	M	M	0.13
8/5/2023	M	M	M	M	M
8/6/2023	M	M	M	M	M
8/7/2023	M	M	M	M	M
8/8/2023	85	63	74.0	-3.5	0.00
8/9/2023	M	M	M	M	M
8/10/2023	M	M	M	M	M
8/11/2023	90	68	79.0	1.8	0.00
8/12/2023	85	68	76.5	-0.6	0.10
8/13/2023	81	71	76.0	-1.0	1.01
8/14/2023	80	63	71.5	-5.4	0.05
8/15/2023	74	57	65.5	-11.3	T

Date	Max	Min	Avg.	Depart	Precip.
8/16/2023	79	55	67.0	-9.7	0.00
8/17/2023	83	61	72.0	-4.5	0.00
8/18/2023	81	56	68.5	-7.9	0.00
8/19/2023	90	65	77.5	1.3	0.00
8/20/2023	97	75	86.0	10.0	0.00
8/21/2023	95	74	84.5	8.7	0.00
8/22/2023	95	77	86.0	10.4	0.00
8/23/2023	92	75	83.5	8.1	0.00
8/24/2023	94	76	85.0	9.8	0.00
8/25/2023	98	75	86.5	11.5	T
8/26/2023	80	72	76.0	1.2	0.27
8/27/2023	80	66	73.0	-1.5	0.03
8/28/2023	82	64	73.0	-1.3	0.00
8/29/2023	86	57	71.5	-2.5	0.00
8/30/2023	81	60	70.5	-3.3	0.00
8/31/2023	79	54	66.5	-7.0	0.00



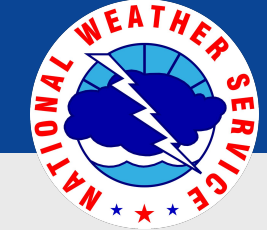
Monthly Climate Summary

August 2023 - Precipitation Report

Station	Amount
MOUNT VERNON 1.3 NNW	12.20
STOVER 2.3 NW	11.32
STOVER 3.2 SSE	10.49
VERSAILLES 2.7 E	9.49
SUNDOWN 5.1 SE	9.06
COLUMBUS	8.05
ASH GROVE 4S	8.03
CASSVILLE 0.5 SW	7.95
COLE CAMP 0.4 SE	7.91
SARCOXIE 1.0 W	7.88
ST. JAMES 10.1 SSE	7.85
LAKESIDE	7.63
COLE CAMP 3NW	7.51
CARTHAGE 1.5 S	7.34
TECUMSEH 2.2 SE	7.34
CASSVILLE 1 NE	7.32
BROOKLINE 2.3 NNW	7.27

Station	Amount
ASH GROVE 0.4 SSW	7.26
IBERIA	7.25
TECUMSEH 1W	7.10
BRUMLEY 5.6 SW	7.10
ANDERSON 3W	7.08
ROLLA 4.4 WSW	7.06
MILLER 9.2 WNW	7.04
VERONA 4.0 WNW	7.03
NEOSHO 2.0 NNW	6.96
MARIONVILLE 4.7 N	6.94
SPRINGFIELD WFO	6.94
GRAVOIS MILLS 8.4 S	6.94
ROLLA 3.2 SSW	6.92
GIRARD 4.6 W	6.88
ROLLA 2.8 S	6.88
NEOSHO 3.9 WNW	6.79
ANDERSON 4.2 W	6.77

Station	Amount
GOLDEN CITY 0.6 SSW	6.76
CRANE 0.7 SSW	6.75
CRANE 0.3 SW	6.75
DIXON 5.2 NE	6.75
BRANSON 3.2 NNW	6.71
MONETT 4SW	6.64
CASSVILLE 4.8 SSE	6.61
SPRINGFIELD 4.9 SE	6.59
AURORA 2.7 S	6.55
ANDERSON 6.8 W	6.54
OZARK BEACH 2 NNE	6.52
WILLARD 2.6 W	6.50
VERSAILLES	6.50
MCCUNE 1.6 NW	6.44
LOCKWOOD	6.42
WALNUT GROVE 5.2 SE	6.42
CAPE FAIR 2.1 N	6.38



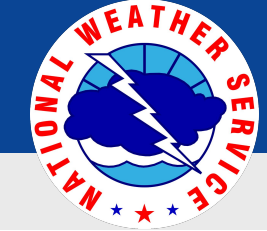
Monthly Climate Summary

August 2023 - Precipitation Report

Station	Amount
ROLLA 3.4 NW	6.38
ROLLA 3.7 WNW	6.37
GAINESVILLE 6.2 ENE	6.35
CARL JUNCTION 3.1 WSW	6.30
SPRINGFIELD 5.5 SSW	6.30
NEOSHO	6.26
SPRINGFIELD 4.0 SW	6.25
SPRINGFIELD WSO AP	6.20
WEST PLAINS 10.6 S	6.11
SPRINGFIELD 0.7 ENE	6.10
TANEYVILLE 3.9 NNE	6.10
REPUBLIC 0.8 SE	6.07
THEODOSIA 13.9 NE	6.07
SELIGMAN 3.0 N	6.02
JOPLIN 1.3 NW	5.99
MOUNT VERNON 0.2 E	5.99
WILLARD 5.8 NNE	5.96

Station	Amount
ROLLA 0.9 SE	5.96
ROLLA 7.6 SSE	5.96
WALNUT 4S	5.94
MONETT 1.8 N	5.94
REPUBLIC 0.8 ESE	5.94
ROLLA 6.4 S	5.89
ROLLA 8.2 SSE	5.88
GREENFIELD 2.9 WSW	5.86
GIRARD	5.77
MARSHFIELD 4 WSW	5.76
PITTSBURG	5.73
BRANSON 3.8 E	5.69
ROLLA MISSOURI S&T	5.69
PURDY 4.8 SSW	5.68
ROLLA 1.6 ENE	5.68
KIMBERLING CITY 1.5 WNW	5.66
MARSHFIELD 0.9 SE	5.66

Station	Amount
SPRINGFIELD 1.0 SSE	5.59
BILLINGS 1SW	5.56
WAYNESVILLE 2 W	5.55
ROLLA 8.1 SSE	5.55
STRAFFORD 2.7 SW	5.47
MARSHFIELD 1.4 W	5.45
FAIR GROVE 4.7 SSW	5.36
SALEM 14.9 E	5.35
ST. JAMES 1.2 SE	5.34
ROLLA 1.3 NE	5.32
TABLE ROCK DAM	5.31
STARK CITY 5.5 ENE	5.29
MARSHFIELD 3.7 SE	5.25
PITTSBURG 1.0 ESE	5.22
GREENFIELD 0.8 SSW	5.22
JOPLIN 24 N	5.16
SALEM 3.5 E	5.12



Monthly Climate Summary

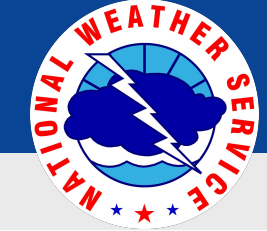
August 2023 - Precipitation Report

Station	Amount
CARTHAGE 4.5 E	5.11
HOLLISTER 3.8 SW	5.09
ROLLA 6.4 NNW	5.08
NEWBURG 9.6 SSW	5.07
BATTLEFIELD 3.3 E	5.06
KAISER LAKE OZARKS LEE	5.06
GIRARD 3.1 SSW	5.04
ROLLA 5.6 S	4.94
ELDON	4.88
LEBANON 6.3 N	4.83
EMERALD BEACH 5.5 E	4.81
ROLLA 8.1 S	4.77
HOUSTON	4.75
MYRTLE 2.5 WNW	4.69
ARCOLA 2.1 SW	4.66
FARLINGTON 0.8 NNE	4.62
WAYNESVILLE 3.5 WSW	4.60

Station	Amount
SHOAL CREEK ESTATES 0.2	4.54
HOUSTON 1.1 NE	4.52
LAMAR 0.3 ESE	4.51
AVA 6NW	4.51
AVA 0.8 NNW	4.48
GREENFIELD 3.1 ENE	4.45
SALEM 1.8 NW	4.44
ALDRICH 5.0 ESE	4.40
SUMMERSVILLE 3.6 S	4.40
HOUSTON 4.5 ESE	4.40
CLEVER 7.2 SE	4.39
MORRISVILLE 2SW	4.39
SALEM	4.31
ROCKY COMFORT 0.8 S	4.28
HARTVILLE 0.5 SSE	4.28
GOLDEN CITY 6 S	4.26
CLEVER 4.0 ENE	4.23

Station	Amount
TRUMAN DAM & RESERVOIR	4.19
HOUSTON 5.0 SE	4.16
LEBANON 0.6 N	4.15
WASOLA 5N	4.14
PITTSBURG 4.9 WSW	4.11
WARSAW 3.8 NNE	4.08
HARTVILLE 3.8 WNW	4.04
CONWAY 8.9 SW	4.02
MILLER	3.97
STOCKTON DAM	3.96
FORT LEONARD WOOD	3.95
MANSFIELD 3.7 SSE	3.94
WALNUT GROVE 5.8 NNW	3.93
MOUNTAIN GROVE 13.0 NNW	3.90
JOPLIN REGIONAL AIRPORT	3.85
MONTAUK STATE PARK	3.84
SHELL KNOB 5.6 ESE	3.82

Station	Amount
WEST PLAINS 1.5 NW	3.80
ALTON 1.7 NNW	3.77
HARTVILLE	3.76
STOUTLAND 5.9 NNE/FSA	3.74
CARTHAGE 3.8 SW	3.73
NIXA 2.7 SSW	3.72
WEST PLAINS 2.2 NNW	3.62
LAMAR 7N	3.54
STOCKTON 5.6 S	3.54
ROUND SPRING 2SW	3.51
WEST PLAINS	3.50
LICKING 4N	3.44
BOLIVAR 9.0 N	3.38
RAYMONDVILLE 3.5 SE	3.38
SALEM 10 W	3.30
HOUSTON 2.0 S	3.28
MANSFIELD	3.22



Monthly Climate Summary

August 2023 - Precipitation Report

Station	Amount
STOCKTON 2.5 NNE	3.17
MOUNTAIN VIEW 7.9 W	3.14
GALENA	3.10
SALEM 11.7 NNW	3.05
DEVON 0.1 SE	3.04
LEBANON 1.3 E	3.04
MOUNTAIN VIEW 7.0 NE	2.93
FORT SCOTT	2.92
WINONA 3 SW	2.90
MOUNTAIN GROVE 2 N	2.81
FAIR PLAY 1.3 E	2.79
SAVONBURG 4.1 ESE	2.76
APPLETON CITY	2.72
STOCKTON 0.2 NW	2.66
FORT SCOTT 0.6 SW	2.65
FLEMINGTON 2.6 S	2.65
ALTON	2.64

Station	Amount
EMINENCE 4.7 ESE	2.61
FORT LEONARD WOOD 5.4 S	2.58
WEST PLAINS 8.8 E	2.55
WEST PLAINS MUNICIPAL A	2.47
LINCOLN 0.4 NNE	2.43
VICHY ROLLA NATL AP	2.40
BOLIVAR 1 NE	2.33
BOLIVAR 1.0 ENE	2.30
BRANSON AIRPORT	2.27
MOUNTAIN GROVE 14.0 S	2.27
NEVADA 6.3 ESE	2.26
PHILLIPSBURG 5.0 NW	2.13
DUNNEGAN 2.4 NNW	2.07
PIERCE CITY 5.0 NE	2.04
HALF WAY 0.8 WNW	2.02
BUFFALO 1.0 SW	2.00
DORA 3SE	1.93

Station	Amount
GREENFIELD 2SE	1.85
ELDON 3.8 NW	1.84
STRAFFORD 2.4 SSW	1.82
NEVADA 0.2 W	1.81
NEVADA WATER PLANT	1.61
FORT SCOTT 9.3 NNE	1.45
ROCKVILLE 7.9 E	1.41
STOCKTON 0.5 W	1.40
OSCEOLA 0.3 SW	1.33
ELDORADO SPRINGS	1.19
DIAMOND 2W	1.17
LEBANON 2W	1.12
NEVADA 3.4 NE	0.98
COLLINS 5.5 WNW	0.96
POMME DE TERRE DAM	0.83
HERMITAGE 0.5 ESE	0.74