



Monthly Climate Summary

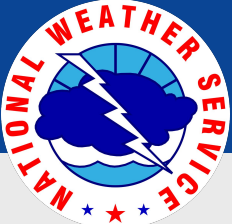
July 2, 2023
7:51 AM

June 2023 Overview

Monthly Climate Overview - June 2023

Category	Springfield	Joplin	West Plains	Vichy
Maximum Temperature	99	103	100	104
Average Max. Temperature	85.9	88.6	86.7	88.1
Minimum Temperature	56	56	51	49
Average Min. Temperature	63.1	64.2	61.6	60.6
Average Mean Temperature	74.5	76.4	74.2	74.4
Departure from Normal	-0.4	+0.8	0.3	1.3
Temperature Rank	45th warmest / 136	33rd warmest / 94	23rd warmest / 75	24th warmest / 76
Days of 90 degrees or warmer	5	13	8	15
# 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	1.99	3.34	1.92	1.53
Departure from Normal	-2.48	-2.26	-2.12	-2.93
Precipitation Rank	20th driest / 136	29th driest / 110	14th driest / 75	11th driest / 78
Days of 0.01" or more	9	9	6	6
Days of 0.10" or more	4	5	5	4
Days of 0.50" or more	2	3	1	0
Days of 1.00" or more	0	0	0	0
Monthly Snowfall	0			



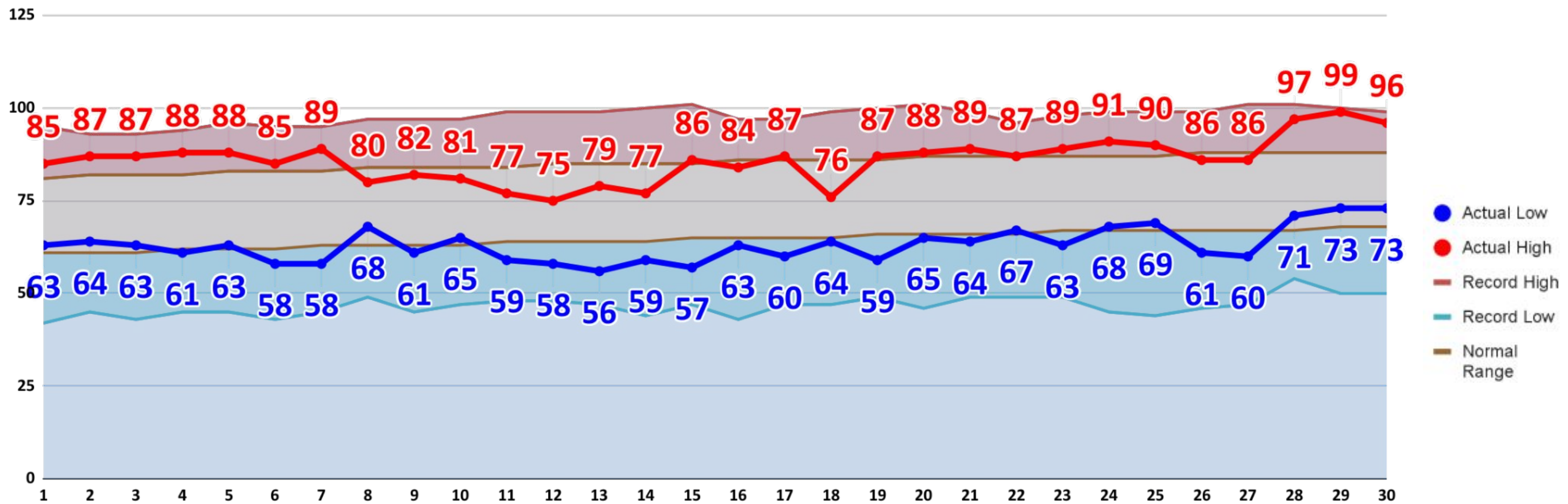


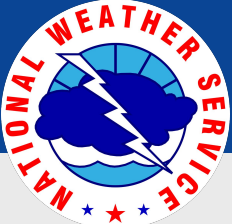
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Springfield Temperature Chart

Springfield Temperatures June 2023



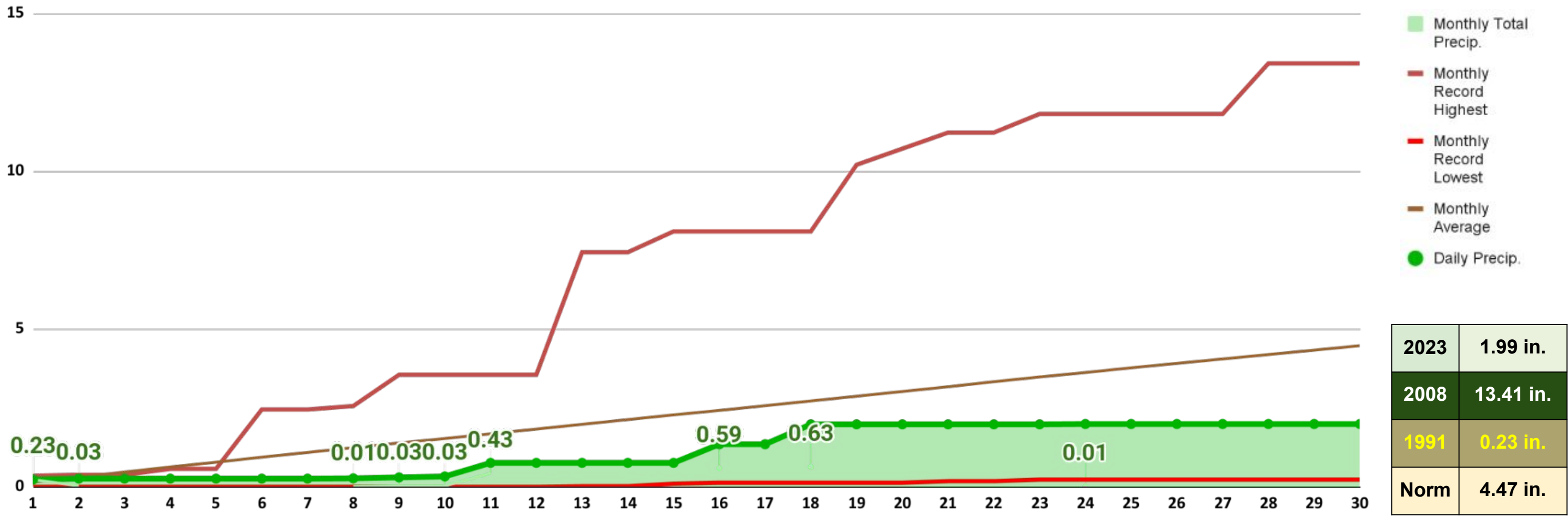


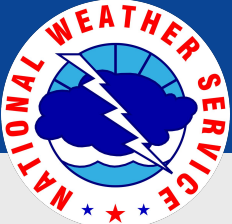
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Springfield Precipitation Chart

Springfield Precipitation June 2023



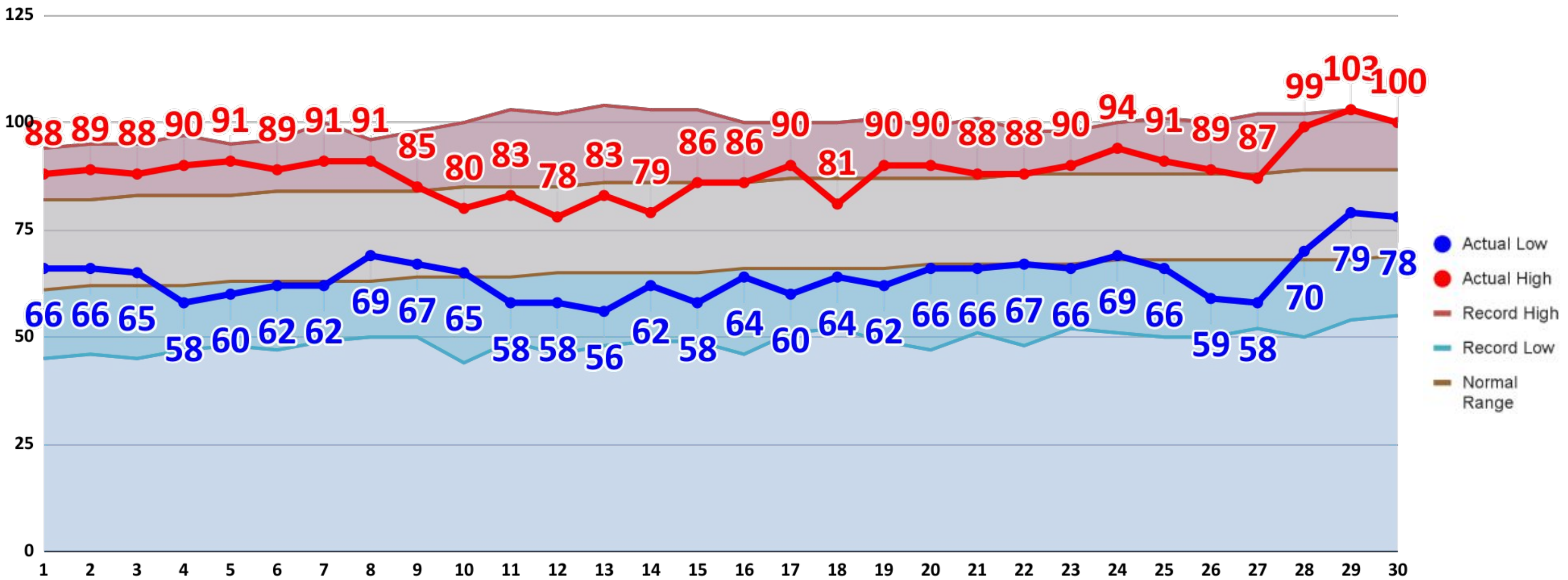


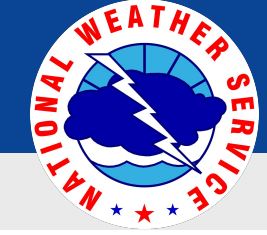
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Joplin Temperature Chart

Joplin Temperatures June 2023



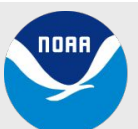
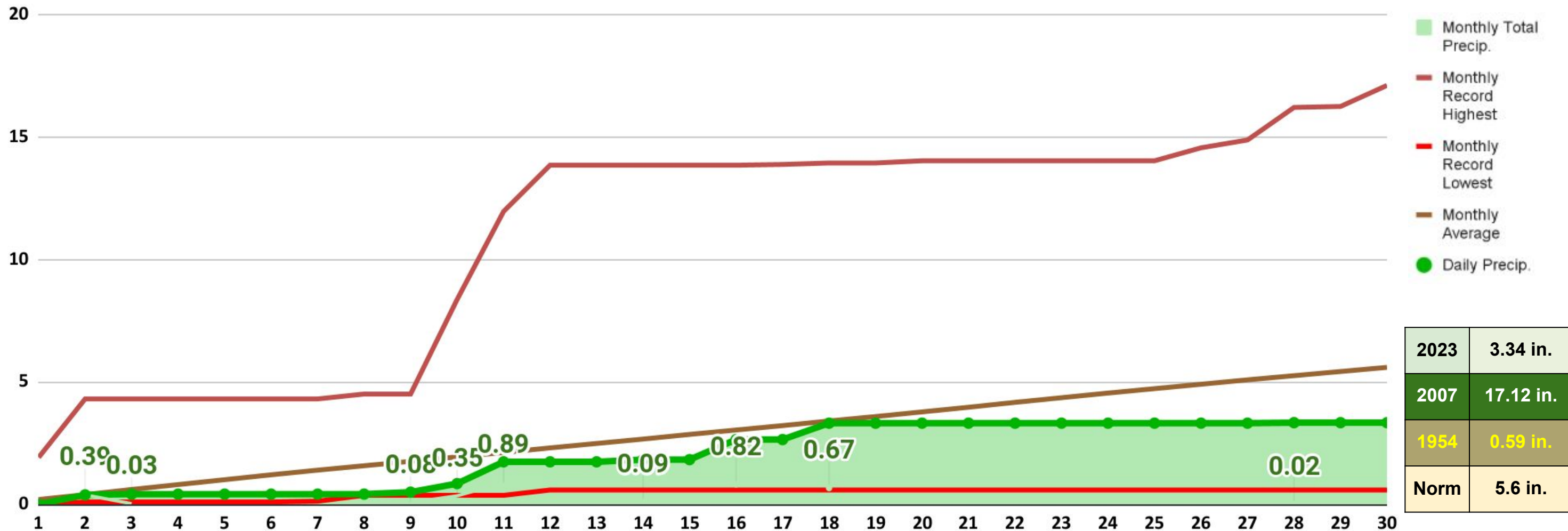


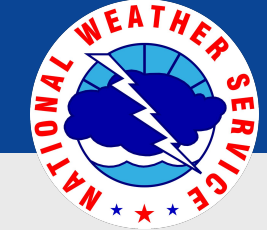
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Joplin Precipitation Chart

Joplin Precipitation June 2023



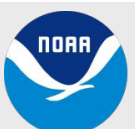
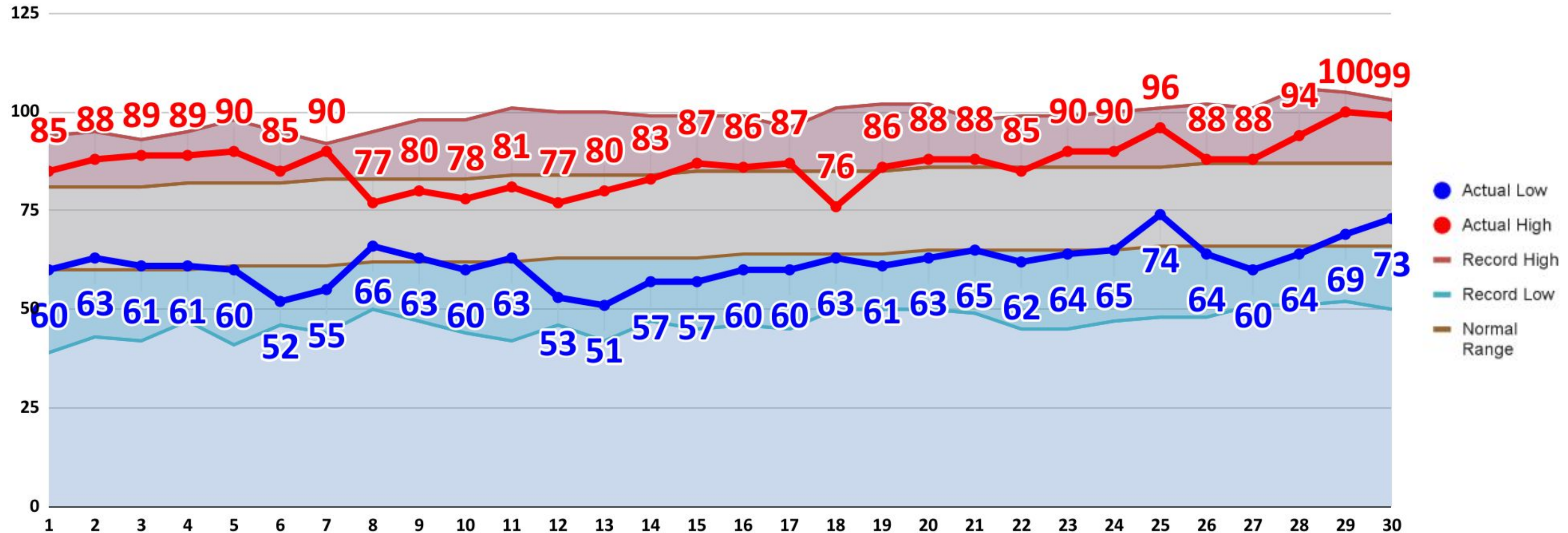


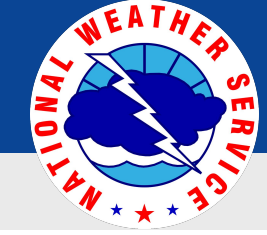
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West Plains Temperature Chart

West Plains Temperatures June 2023



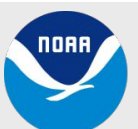
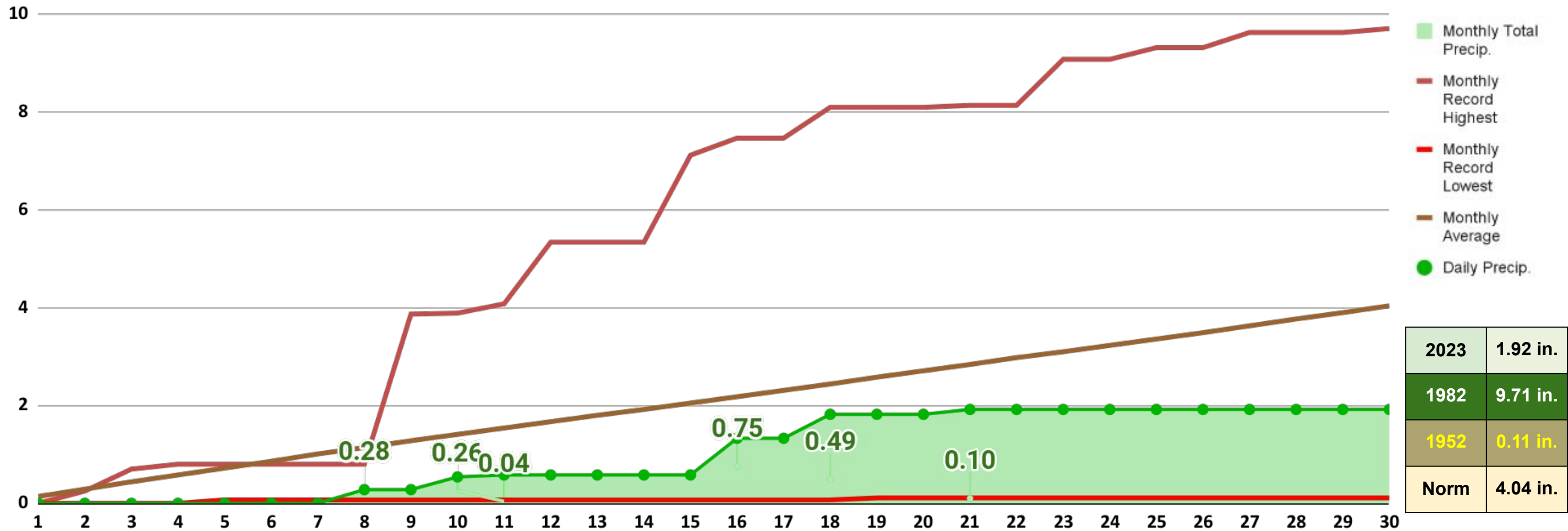


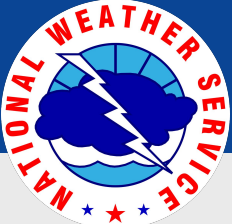
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West Plains Precipitation Chart

West Plains Precipitation June 2023



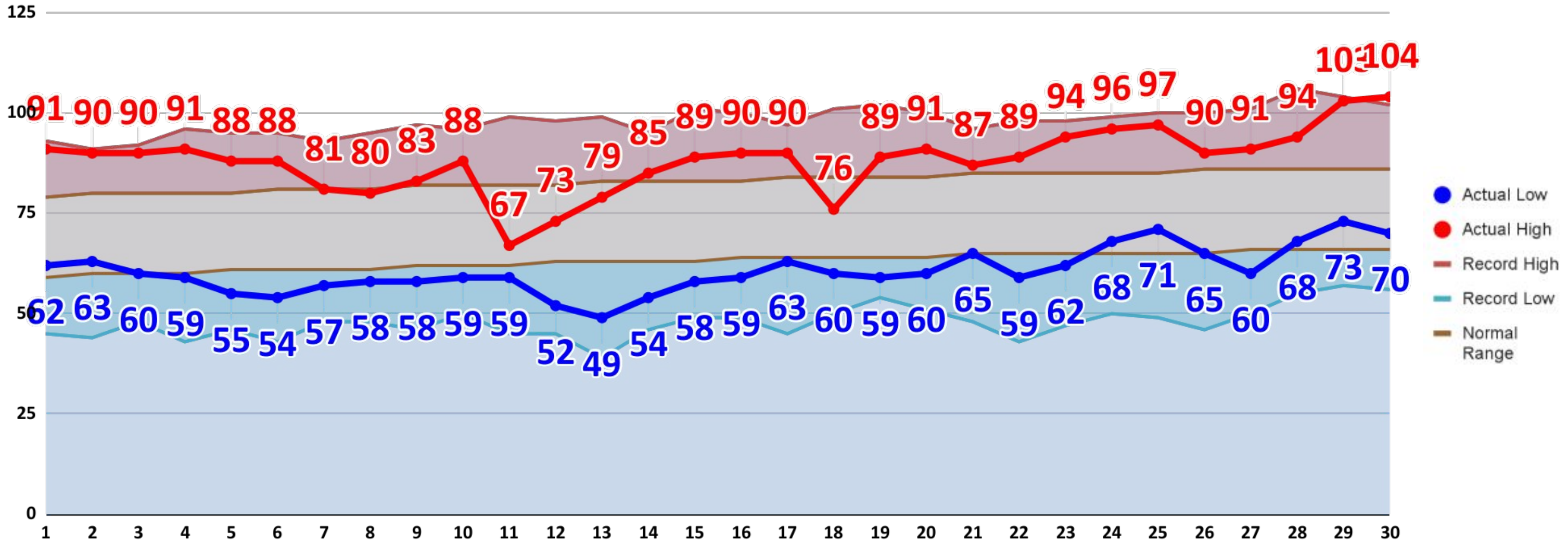


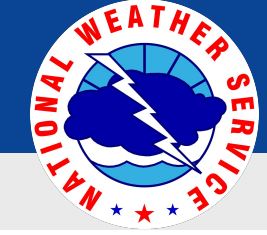
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Rolla / Vichy Temperature Chart

Rolla / Vichy Temperatures June 2023



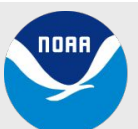
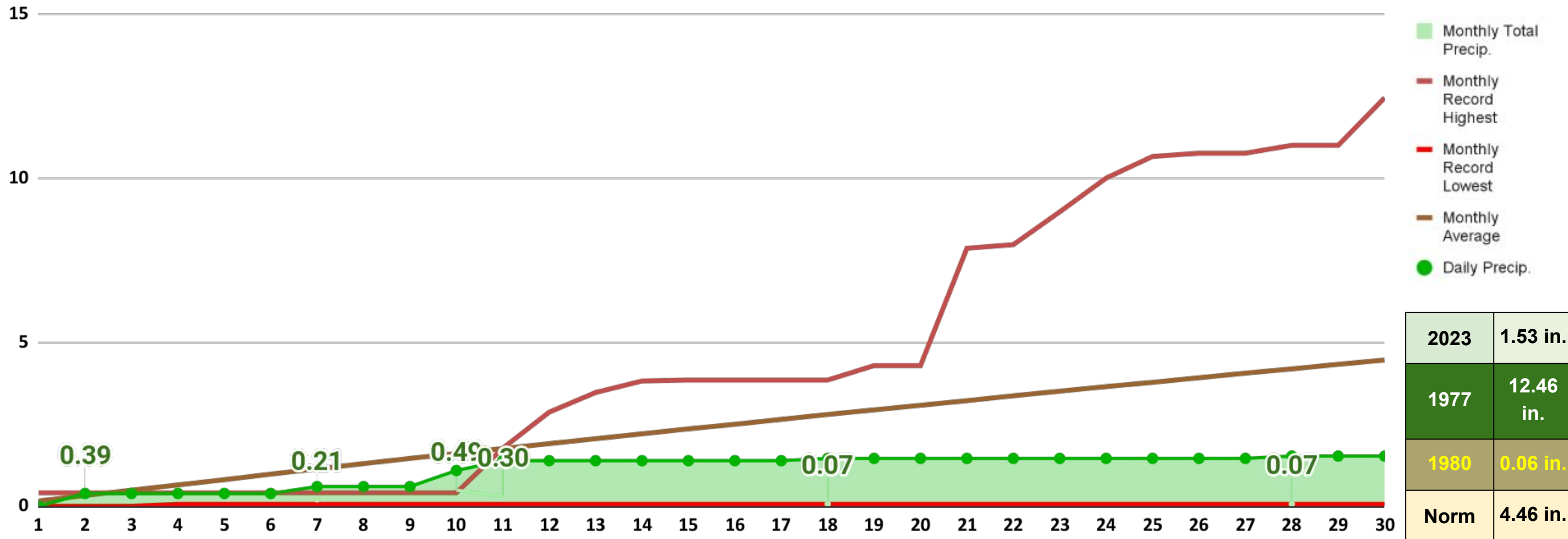


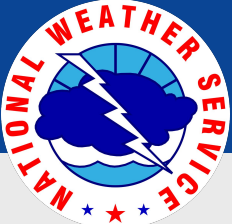
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Rolla / Vichy Precipitation Chart

Rolla / Vichy Precipitation June 2023





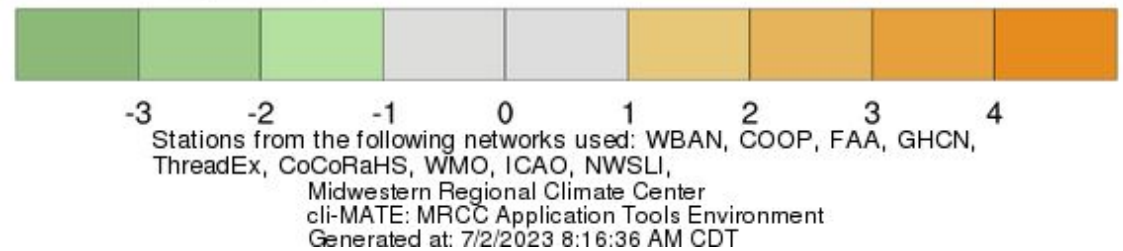
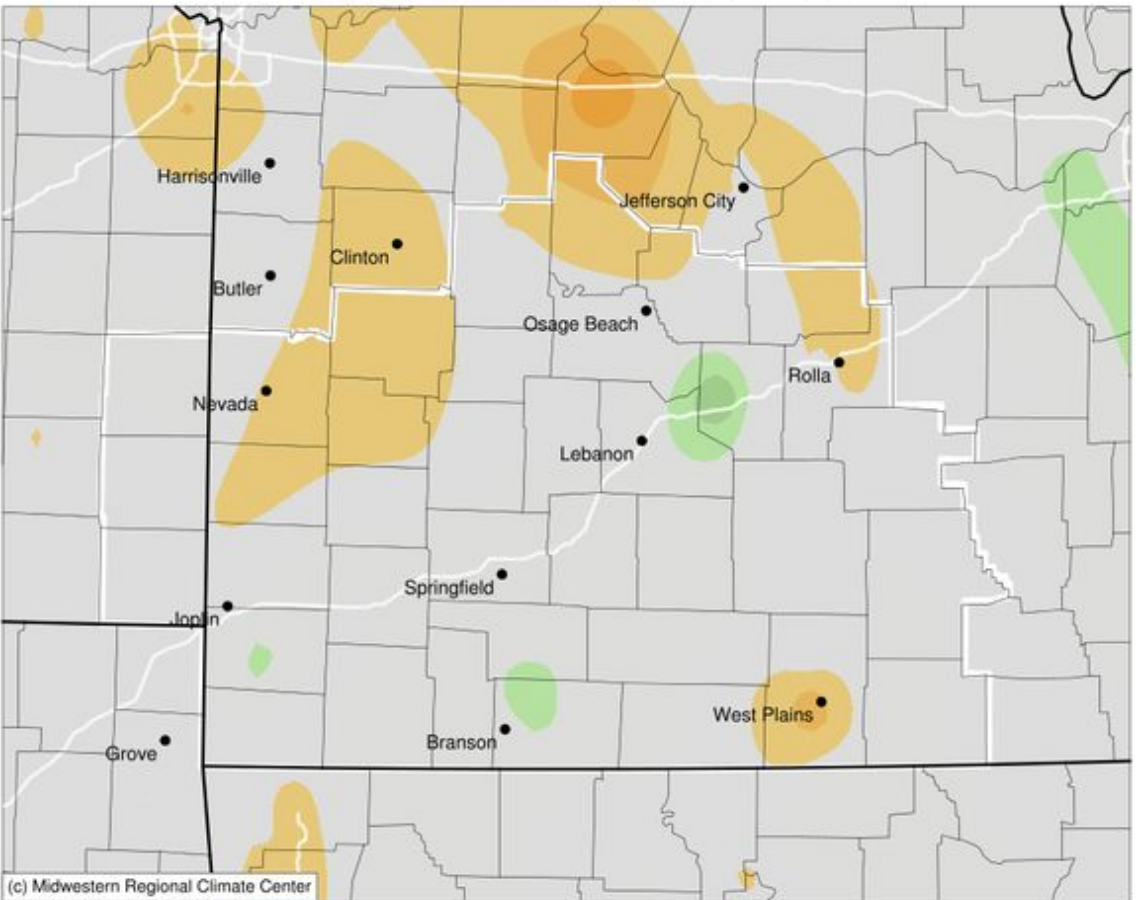
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June 2023 - Monthly Departure Maps

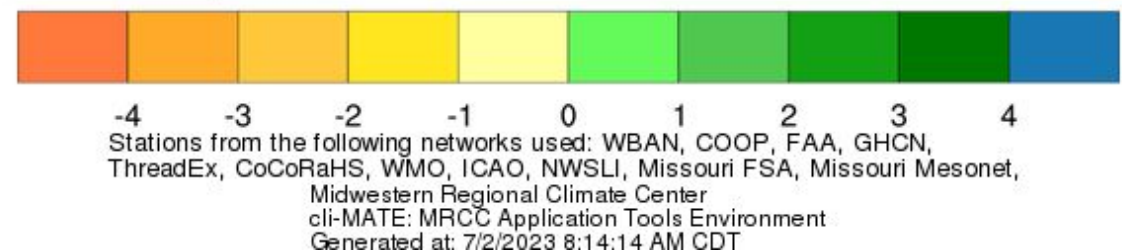
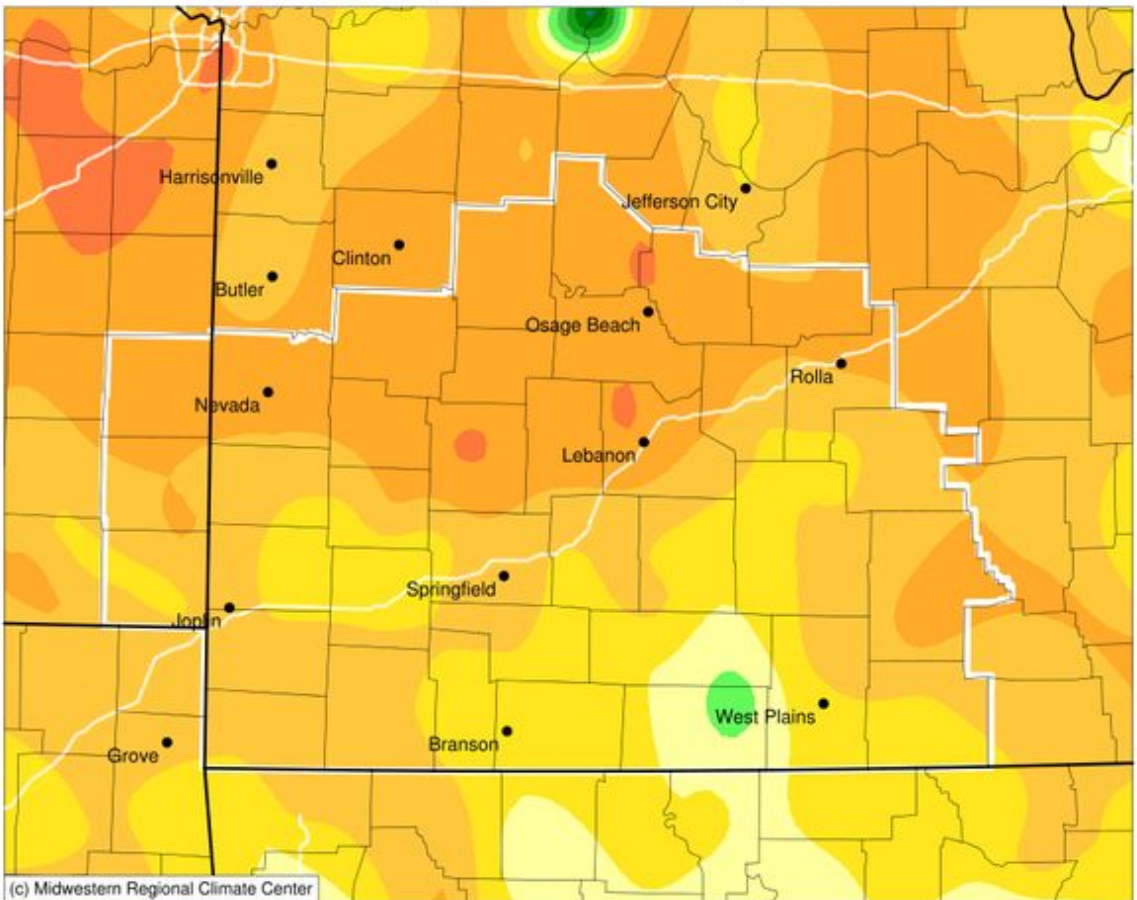
Average Temperature (°F): Departure from 1991-2020 Normals

June 01, 2023 to June 30, 2023



Accumulated Precipitation (in): Departure from 1991-2020 Normals

June 01, 2023 to June 30, 2023





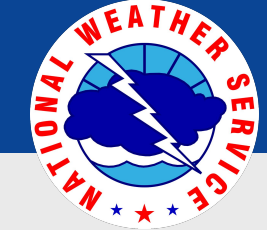
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June 2023 - Records for the month

List of June 2023 Records		
Date	Station	Record
June 29th	Joplin	Record high temperature of 103 tied the previous record set in 1952.
June 30th	Joplin	Record high temperature of 100 tied the previous record set in 2011.
June 30th	Vichy	Record high temperature of 104 broke the old record of 102 set in 2012.





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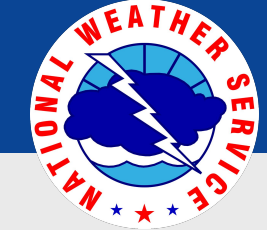
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Upcoming Normals

Upcoming Normal Conditions for the Next 3 Months				
Springfield				
Month	High	Low	Precip.	Snow
July	89.6	68.8	3.85	0.0
August	89.1	67.3	3.59	0.0
September	81.4	59.1	4.31	0.0
Joplin				
Month	High	Low	Precip.	
July	90.3	69.5	3.97	
August	90.0	67.9	3.36	
September	82.0	59.4	4.18	

Upcoming Normal Conditions for the Next 3 Months			
West Plains			
Month	High	Low	Precip.
July	88.6	67.2	4.21
August	88.4	65.5	3.36
September	80.8	57.4	3.09
Rolla / Vichy			
Month	High	Low	Precip.
July	87.9	67.0	4.43
August	87.0	65.6	3.66
September	79.1	57.5	3.81





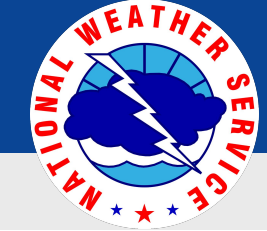
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June 2023 - Springfield Daily Data

Date	Max	Min	Avg.	Depart	Precip.	Snowfall	Snow Depth
6/1/2023	85	63	74.0	3.0	0.23	0	0
6/2/2023	87	64	75.5	4.2	0.03	0	0
6/3/2023	87	63	75.0	3.4	0	0	0
6/4/2023	88	61	74.5	2.6	0	0	0
6/5/2023	88	63	75.5	3.3	0	0	0
6/6/2023	85	58	71.5	-1.0	0	0	0
6/7/2023	89	58	73.5	0.7	0	0	0
6/8/2023	80	68	74.0	0.9	0.01	0	0
6/9/2023	82	61	71.5	-1.9	0.03	0	0
6/10/2023	81	65	73.0	-0.7	0.03	0	0
6/11/2023	77	59	68.0	-6.0	0.43	0	0
6/12/2023	75	58	66.5	-7.8	0	0	0
6/13/2023	79	56	67.5	-7.0	0	0	0
6/14/2023	77	59	68.0	-6.8	T	0	0
6/15/2023	86	57	71.5	-3.5	0	0	0

Date	Max	Min	Avg.	Depart	Precip.	Snowfall	Snow Depth
6/16/2023	84	63	73.5	-1.8	0.59	0	0
6/17/2023	87	60	73.5	-2	0	0	0
6/18/2023	76	64	70	-5.7	0.63	0	0
6/19/2023	87	59	73	-3	0	0	0
6/20/2023	88	65	76.5	0.3	0	0	0
6/21/2023	89	64	76.5	0.1	0	0	0
6/22/2023	87	67	77	0.4	0	0	0
6/23/2023	89	63	76	-0.8	0	0	0
6/24/2023	91	68	79.5	2.5	0.01	0	0
6/25/2023	90	69	79.5	2.4	0	0	0
6/26/2023	86	61	73.5	-3.8	0	0	0
6/27/2023	86	60	73	-4.5	0	0	0
6/28/2023	97	71	84	6.4	T	0	0
6/29/2023	99	73	86	8.2	0	0	0
6/30/2023	96	73	84.5	6.6	0	0	0



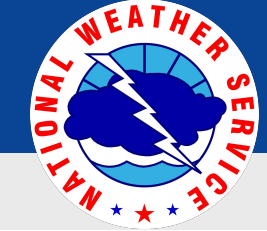
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June 2023 - Joplin Daily Data

Date	Max	Min	Avg.	Depart	Precip.
6/1/2023	88	66	77.0	5.4	0.00
6/2/2023	89	66	77.5	5.6	0.39
6/3/2023	88	65	76.5	4.2	0.03
6/4/2023	90	58	74.0	1.4	0.00
6/5/2023	91	60	75.5	2.6	0.00
6/6/2023	89	62	75.5	2.3	0.00
6/7/2023	91	62	76.5	3.0	0.00
6/8/2023	91	69	80.0	6.2	T
6/9/2023	85	67	76.0	1.9	0.08
6/10/2023	80	65	72.5	-1.9	0.35
6/11/2023	83	58	70.5	-4.2	0.89
6/12/2023	78	58	68.0	-6.9	0.00
6/13/2023	83	56	69.5	-5.7	T
6/14/2023	79	62	70.5	-5.0	0.09
6/15/2023	86	58	72.0	-3.7	0.00

Date	Max	Min	Avg.	Depart	Precip.
6/16/2023	86	64	75.0	-1.0	0.82
6/17/2023	90	60	75.0	-1.2	0.00
6/18/2023	81	64	72.5	-4.0	0.67
6/19/2023	90	62	76.0	-0.7	0.00
6/20/2023	90	66	78.0	1.1	0.00
6/21/2023	88	66	77.0	-0.1	0.00
6/22/2023	88	67	77.5	0.2	0.00
6/23/2023	90	66	78.0	0.5	T
6/24/2023	94	69	81.5	3.8	T
6/25/2023	91	66	78.5	0.6	0.00
6/26/2023	89	59	74.0	-4.1	0.00
6/27/2023	87	58	72.5	-5.7	0.00
6/28/2023	99	70	84.5	6.1	0.02
6/29/2023	103	79	91.0	12.5	0.00
6/30/2023	100	78	89.0	10.3	0.00



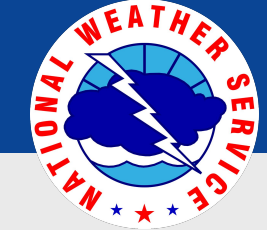
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June 2023 - West Plains Daily Data

Date	Max	Min	Avg.	Depart	Precip.
6/1/2023	85	60	72.5	2.3	0.00
6/2/2023	88	63	75.5	5.0	T
6/3/2023	89	61	75.0	4.2	0.00
6/4/2023	89	61	75.0	3.9	0.00
6/5/2023	90	60	75.0	3.7	0.00
6/6/2023	85	52	68.5	-3.1	0.00
6/7/2023	90	55	72.5	0.6	T
6/8/2023	77	66	71.5	-0.7	0.28
6/9/2023	80	63	71.5	-1.0	0.00
6/10/2023	78	60	69.0	-3.7	0.26
6/11/2023	81	63	72.0	-1.0	0.04
6/12/2023	77	53	65.0	-8.2	0.00
6/13/2023	80	51	65.5	-8.0	0.00
6/14/2023	83	57	70.0	-3.7	0.00
6/15/2023	87	57	72.0	-2.0	0.00

Date	Max	Min	Avg.	Depart	Precip.
6/16/2023	86	60	73.0	-1.2	0.75
6/17/2023	87	60	73.5	-0.9	0.00
6/18/2023	76	63	69.5	-5.1	0.49
6/19/2023	86	61	73.5	-1.4	0.00
6/20/2023	88	63	75.5	0.4	0.00
6/21/2023	88	65	76.5	1.2	0.10
6/22/2023	85	62	73.5	-1.9	0.00
6/23/2023	90	64	77.0	1.4	0.00
6/24/2023	90	65	77.5	1.7	0.00
6/25/2023	96	74	85.0	9.0	0.00
6/26/2023	88	64	76.0	-0.1	0.00
6/27/2023	88	60	74.0	-2.3	0.00
6/28/2023	94	64	79.0	2.6	0.00
6/29/2023	100	69	84.5	7.9	0.00
6/30/2023	99	73	86.0	9.3	0.00



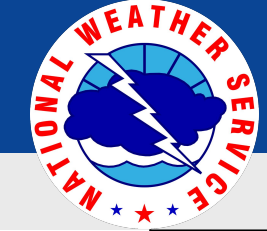
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June 2023 - Vichy Daily Data

Date	Max	Min	Avg.	Depart	Precip.
6/1/2023	91	62	76.5	7.2	0.00
6/2/2023	90	63	76.5	6.9	0.39
6/3/2023	90	60	75.0	5.1	0.00
6/4/2023	91	59	75.0	4.8	0.00
6/5/2023	88	55	71.5	1.0	0.00
6/6/2023	88	54	71.0	0.3	0.00
6/7/2023	81	57	69.0	-2.0	0.21
6/8/2023	80	58	69.0	-2.3	T
6/9/2023	83	58	70.5	-1.1	0.00
6/10/2023	88	59	73.5	1.6	0.49
6/11/2023	67	59	63.0	-9.1	0.30
6/12/2023	73	52	62.5	-9.9	0.00
6/13/2023	79	49	64.0	-8.7	0.00
6/14/2023	85	54	69.5	-3.4	0.00
6/15/2023	89	58	73.5	0.3	0.00

Date	Max	Min	Avg.	Depart	Precip.
6/16/2023	90	59	74.5	1.1	0.00
6/17/2023	90	63	76.5	2.8	0.00
6/18/2023	76	60	68.0	-5.9	0.07
6/19/2023	89	59	74.0	-0.1	0.00
6/20/2023	91	60	75.5	1.1	0.00
6/21/2023	87	65	76.0	1.4	0.00
6/22/2023	89	59	74.0	-0.8	0.00
6/23/2023	94	62	78.0	3.0	0.00
6/24/2023	96	68	82.0	6.8	0.00
6/25/2023	97	71	84.0	8.6	0.00
6/26/2023	90	65	77.5	2.0	0.00
6/27/2023	91	60	75.5	-0.2	0.00
6/28/2023	94	68	81.0	5.1	0.07
6/29/2023	103	73	88.0	12.0	0.00
6/30/2023	104	70	87.0	10.8	0.00



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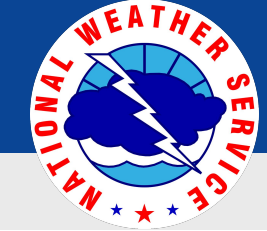
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June 2023 - Precipitation Report

Station	Amount
CARTHAGE 1.5 S	6.41
CARTHAGE 4.5 E	5.12
CARTHAGE 3.8 SW	4.67
DORA 3SE	4.64
GOLDEN CITY 0.6 SSW	4.59
PIERCE CITY 5.0 NE	4.52
TECUMSEH 2.2 SE	4.46
ASH GROVE 4S	4.37
MILLER	4.30
GOLDEN CITY 6 S	4.29
REPUBLIC 0.8 SE	4.27
NEOSHO 2.0 NNW	4.13
HALLTOWN 5NW	4.09
MILLER 9.2 WNW	4.03
LOCKWOOD	4.03
STARK CITY 5.5 ENE	3.94
CLEVER 7.2 SE	3.94

Station	Amount
FARLINGTON 0.8 NNE	3.88
HARTVILLE 0.5 SSE	3.85
MOUNT VERNON 1.3 NNW	3.80
JOPLIN 1.3 NW	3.75
WILLARD 2.6 W	3.75
LAMAR 7N	3.73
NIXA 2.7 SSW	3.70
CASSVILLE 4.8 SSE	3.65
NEOSHO	3.58
MOUNT VERNON 0.2 E	3.52
REPUBLIC 0.8 ESE	3.47
TECUMSEH 1W	3.47
SPRINGFIELD 4.0 SW	3.41
COLUMBUS	3.40
CARL JUNCTION 3.1 WSW	3.39
PURDY 4.8 SSW	3.37
JOPLIN REGIONAL AIRPORT	3.34

Station	Amount
AURORA 2.7 S	3.25
SALEM 11.7 NNW	3.24
GIRARD 4.6 W	3.23
JOPLIN 24 N	3.21
BATTLEFIELD 3.3 E	3.16
BRANSON AIRPORT	3.10
NEOSHO 3.9 WNW	3.09
MONETT 1.8 N	2.98
SARCOXIE 1.0 W	2.95
CONWAY 8.9 SW	2.91
MOUNTAIN GROVE 2 N	2.89
ANDERSON 3W	2.88
ANDERSON 3.2 NNW	2.88
GREENFIELD 2.9 WSW	2.88
BRUMLEY 5.6 SW	2.87
THEODOSIA 13.9 NE	2.85
MARSHFIELD 4 WSW	2.81



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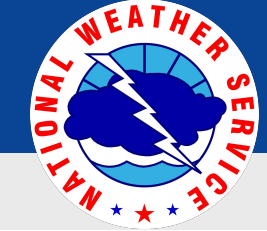
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June 2023 - Precipitation Report

Station	Amount
FORT LEONARD WOOD	2.81
GREENFIELD 3.1 ENE	2.77
TABLE ROCK DAM	2.77
SPRINGFIELD 1.0 SSE	2.72
ANDERSON 4.2 W	2.71
NEVADA 3.4 NE	2.71
LICKING 4N	2.71
HARTVILLE	2.70
GAINESVILLE 6.2 ENE	2.69
BUFFALO 1.0 SW	2.67
SALEM 10 W	2.67
SHOAL CREEK ESTATES 0.2	2.64
ANDERSON 6.8 W	2.63
FAIR GROVE 4.7 SSW	2.63
BROOKLINE 2.3 NNW	2.62
WALNUT GROVE 5.2 SE	2.61
VERONA 4.0 WNW	2.60

Station	Amount
SPRINGFIELD 4.9 SE	2.60
HOLLISTER 3.8 SW	2.57
CLEVER 4.0 ENE	2.56
OAKLAND PARK 0.6 ESE	2.55
LEBANON 1.3 E	2.55
CASSVILLE 0.5 SW	2.54
LAMAR 0.3 ESE	2.53
SPRINGFIELD 5.5 SSW	2.52
NEWBURG 9.6 SSW	2.52
WASOLA 5N	2.49
CASSVILLE 1 NE	2.48
DEVON 0.1 SE	2.47
CAPE FAIR 2.1 N	2.46
GIRARD	2.45
SELIGMAN 3.0 N	2.42
EMERALD BEACH 5.5 E	2.39
MANSFIELD 3.7 SSE	2.38

Station	Amount
FORT SCOTT 0.6 SW	2.36
SPRINGFIELD 0.7 ENE	2.36
PITTSBURG 4.9 WSW	2.33
BILLINGS 1SW	2.33
FORT SCOTT 9.3 NNE	2.32
ROCKVILLE 7.9 E	2.32
OZARK BEACH 2 NNE	2.32
LEBANON 6.3 N	2.32
STRAFFORD 2.7 SW	2.29
PITTSBURG	2.27
ARCOLA 2.1 SW	2.23
BRANSON 3.8 E	2.23
PITTSBURG 1.0 ESE	2.22
FORT SCOTT	2.20
NEVADA 6.3 ESE	2.20
MARSHFIELD 1.4 W	2.19
CRANE 0.7 SSW	2.15



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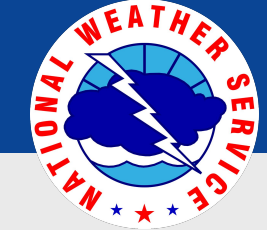
June 2023 - Precipitation Report

Station	Amount
ASH GROVE 0.4 SSW	2.13
HOUSTON	2.10
MONETT 4SW	2.08
FORT LEONARD WOOD 5.4 S	2.06
COLE CAMP 0.4 SE	2.02
SPRINGFIELD WSO AP	1.99
SPRINGFIELD WFO	1.95
CRANE 0.3 SW	1.94
TANEYVILLE 3.9 NNE	1.94
MARIONVILLE 4.7 N	1.93
AVA 0.8 NNW	1.93
WEST PLAINS MUNICIPAL A	1.92
MONTAUK STATE PARK	1.92
WEST PLAINS 8.8 E	1.91
MARSHFIELD 3.7 SE	1.88
SHELL KNOB 5.6 ESE	1.85
WEST PLAINS 10.6 S	1.84

Station	Amount
OSCEOLA 0.3 SW	1.83
HARTVILLE 3.8 WNW	1.81
NEVADA WATER PLANT	1.80
WEST PLAINS 2.2 NNW	1.79
SALEM	1.77
ELDORADO SPRINGS	1.75
SALEM 3.5 E	1.75
ALTON	1.73
LEBANON 0.6 N	1.70
WEST PLAINS	1.70
WEST PLAINS 1.5 NW	1.70
HOUSTON 1.1 NE	1.70
VIENNA 4.3 NNW	1.70
COLE CAMP 3NW	1.67
MCCUNE 1.6 NW	1.63
SAVONBURG 4.1 ESE	1.63
KIMBERLING CITY 1.5 WNW	1.63

Station	Amount
MOUNTAIN GROVE 14.0 S	1.60
ST. JAMES 10.1 SSE	1.57
MOUNTAIN GROVE 13.0 NNW	1.55
ROLLA 8.1 S	1.54
MARSHFIELD 0.9 SE	1.53
MANSFIELD	1.53
VICHY ROLLA NATL AP	1.53
GREENFIELD 2SE	1.51
NEVADA 0.2 W	1.50
STOCKTON DAM	1.50
GREENFIELD 0.8 SSW	1.47
MYRTLE 2.5 WNW	1.46
STOCKTON 5.6 S	1.45
WAYNESVILLE 2 W	1.42
SALEM 1.8 NW	1.42
STOCKTON 0.2 NW	1.40
DUNNEGAN 2.4 NNW	1.40

Station	Amount
STOCKTON 2.5 NNE	1.39
ALTON 1.7 NNW	1.34
ROLLA 8.2 SSE	1.34
ROLLA 2.8 S	1.34
COLLINS 5.5 WNW	1.32
POMME DE TERRE DAM	1.32
WILLARD 5.8 NNE	1.29
ROLLA 3.2 SSW	1.28
GOODSON 0.5 NNW	1.26
ROLLA 8.1 SSE	1.26
ROLLA 4.4 WSW	1.25
ROLLA 3.4 NW	1.25
DIXON 5.2 NE	1.23
BRANSON 3.2 NNW	1.22
ROLLA 5.6 S	1.22
STOCKTON 0.5 W	1.21
SUMMERVILLE 3.6 S	1.21



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Station	Amount
ROLLA 6.4 S	1.20
ROLLA 3.7 WNW	1.20
ALDRICH 5.0 ESE	1.18
APPLETON CITY	1.17
ROLLA 7.6 SSE	1.15
GRAVOIS MILLS 8.4 S	1.11
ROLLA MISSOURI S&T	1.10
URBANA 2.7 NNE	1.09
HOUSTON 2.0 S	1.09
WALNUT GROVE 5.8 NNW	1.08
BOLIVAR 1.0 ENE	1.06
ROLLA 0.9 SE	1.05
BOLIVAR 9.0 N	1.02
WAYNESVILLE 3.5 WSW	1.00
PHILLIPSBURG 5.0 NW	0.99
LINCOLN 0.4 NNE	0.99
LAKESIDE	0.97

Station	Amount
ROLLA 1.3 NE	0.96
WARSAW 3.8 NNE	0.94
FLEMINGTON 2.6 S	0.91
RAYMONDVILLE 3.5 SE	0.91
ROLLA 1.6 SSE	0.90
STOVER 3.2 SSE	0.89
HALF WAY 0.8 WNW	0.86
ST. JAMES 1.2 SE	0.82
DIAMOND 2W	0.81
STOVER 2.3 NW	0.81
GALENA	0.79
ELDON	0.77
MORRISVILLE 2SW	0.76
ROUND SPRING 2SW	0.76
KAISER LAKE OZARKS LEE	0.72
STOUTLAND 5.9 NNE/FSA	0.70
MOUNTAIN VIEW 7.0 NE	0.70

Station	Amount
FAIR PLAY 1.3 E	0.62
HOUSTON 5.0 SE	0.60
WINONA 3 SW	0.54
VERSAILLES	0.52
LEBANON 2W	0.51
HERMITAGE 0.5 ESE	0.50
ROLLA 6.4 NNW	0.50
RAYMONDVILLE 7.5 NE	0.49
BOLIVAR 1 NE	0.48
SUNDOWN 5.1 SE	0.45
SALEM 14.9 E	0.43
HOUSTON 4.5 ESE	0.43
IBERIA	0.40
MOUNTAIN VIEW 7.9 W	0.35
AVA 13.2 SSW	0.31
TRUMAN DAM & RESERVOIR	0.26