

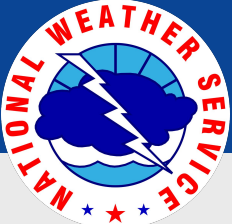
Monthly Climate Summary

June 19, 2023
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May 2023 Overview

Monthly Climate Overview - May 2023				
Category	Springfield	Joplin	West Plains	Vichy
Maximum Temperature	88	89	86	91
Average Max. Temperature	77.7	79.2	77.7	78.8
Minimum Temperature	38	36	37	38
Average Min. Temperature	56.6	56.6	54.3	54.5
Average Mean Temperature	67.2	67.9	66.0	66.7
Departure from Normal	+1.2	+1.4	0.4	2.0
Temperature Rank	25th warmest / 136	30th warmest / 96	26th warmest / 75	22nd warmest / 77
Days of 90 degrees or warmer	0	0	0	2
# 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	6.85	4.3	3.99	0.97
Departure from Normal	1.29	-2.26	-1.56	-4.38
Precipitation Rank	28th wettest / 136	43rd driest / 111	29th driest / 75	2nd driest / 79
Days of 0.01" or more	13	10	10	7
Days of 0.10" or more	11	6	9	3
Days of 0.50" or more	5	5	4	0
Days of 1.00" or more	2	1	0	0
Monthly Snowfall	0			



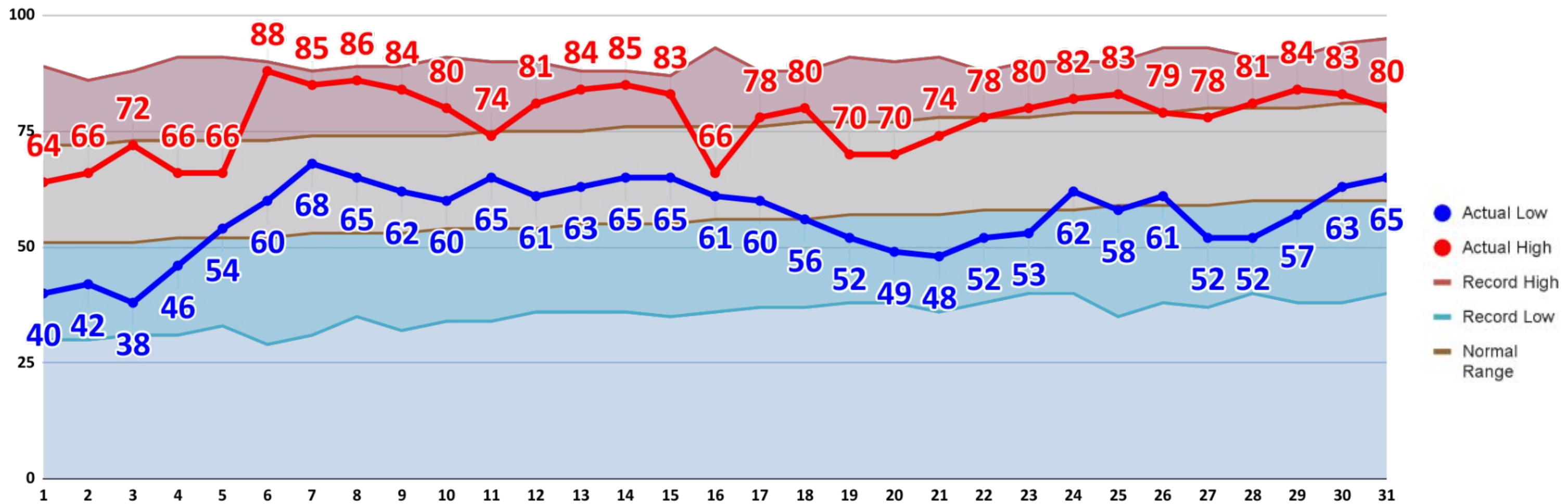


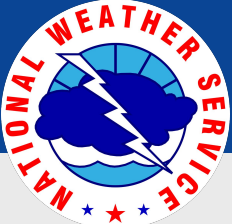
Monthly Climate Summary

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Springfield Temperature Chart

Springfield Temperatures May 2023



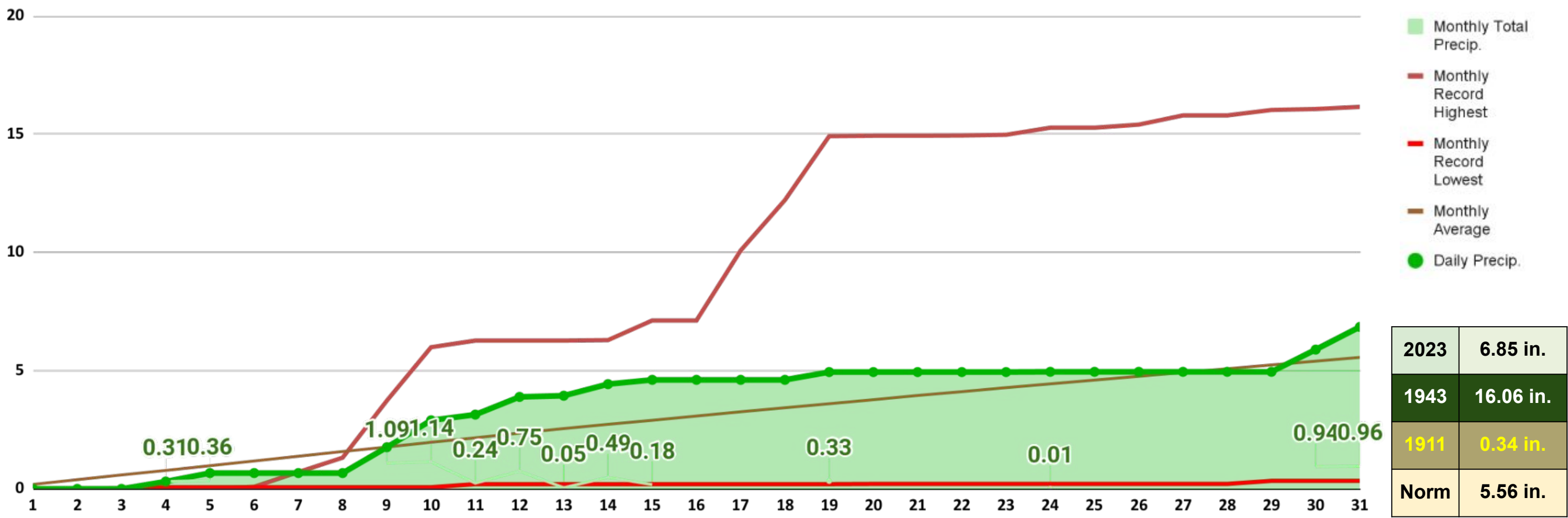


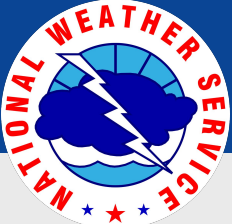
Monthly Climate Summary

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Springfield Precipitation Chart

Springfield Precipitation May 2023



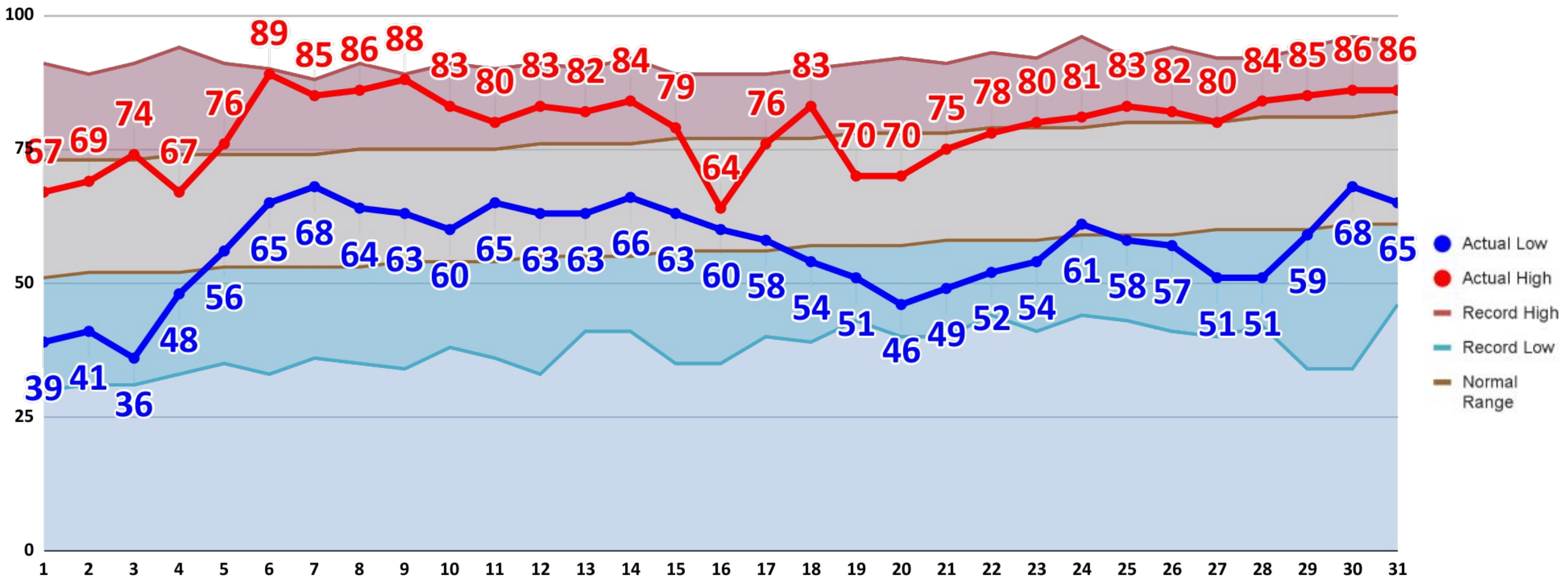


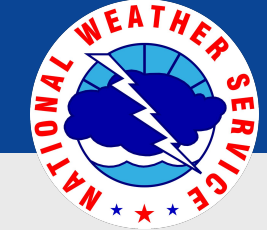
Monthly Climate Summary

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Joplin Temperature Chart

Joplin Temperatures May 2023



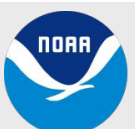
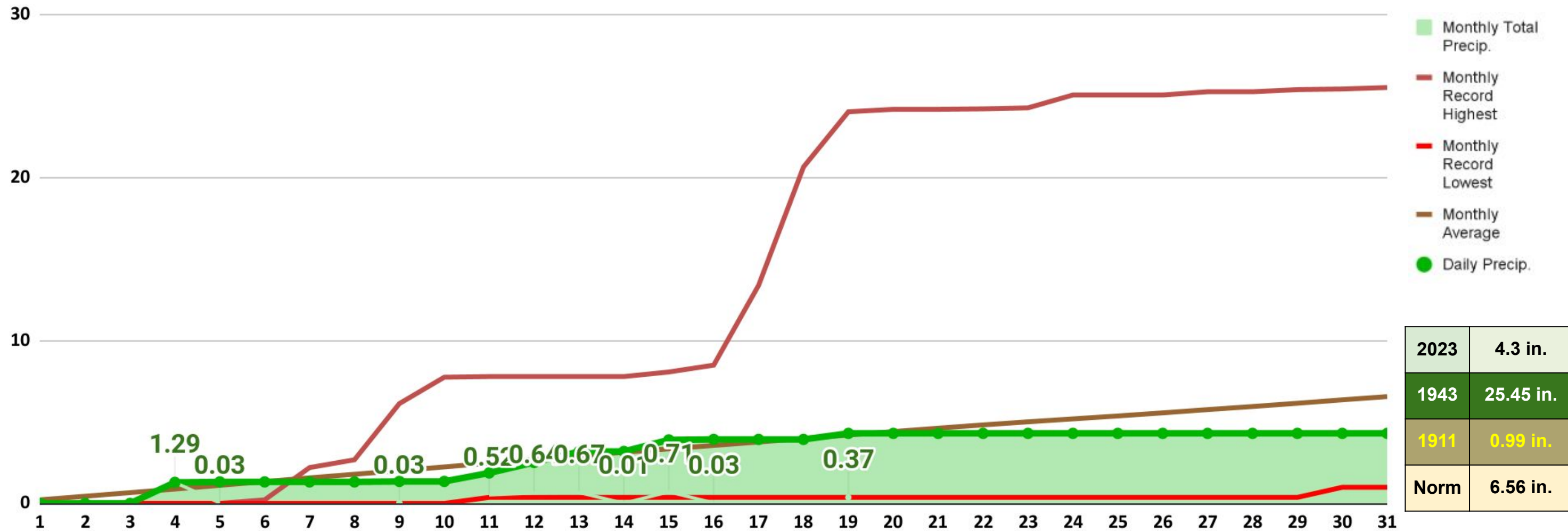


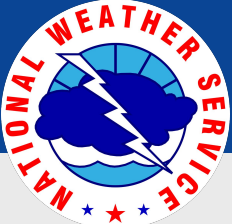
Monthly Climate Summary

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Joplin Precipitation Chart

Joplin Precipitation May 2023



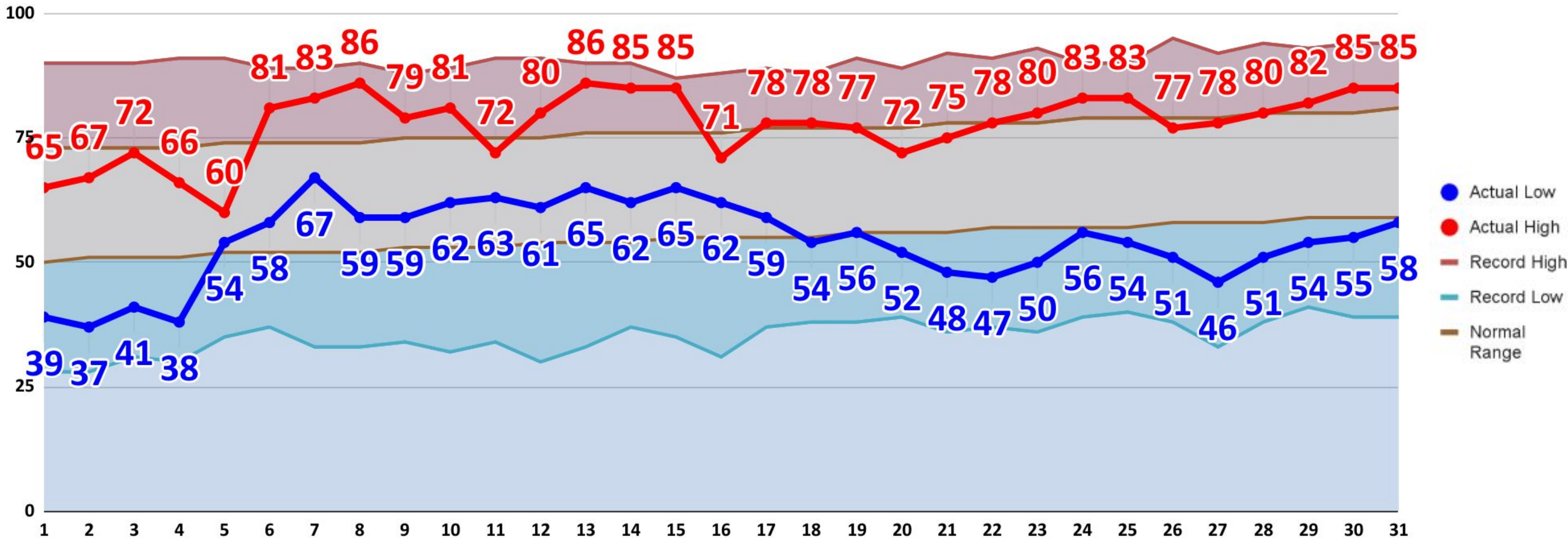


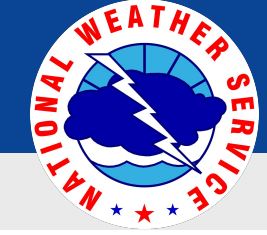
Monthly Climate Summary

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West Plains Temperature Chart

West Plains Temperatures May 2023



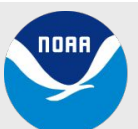
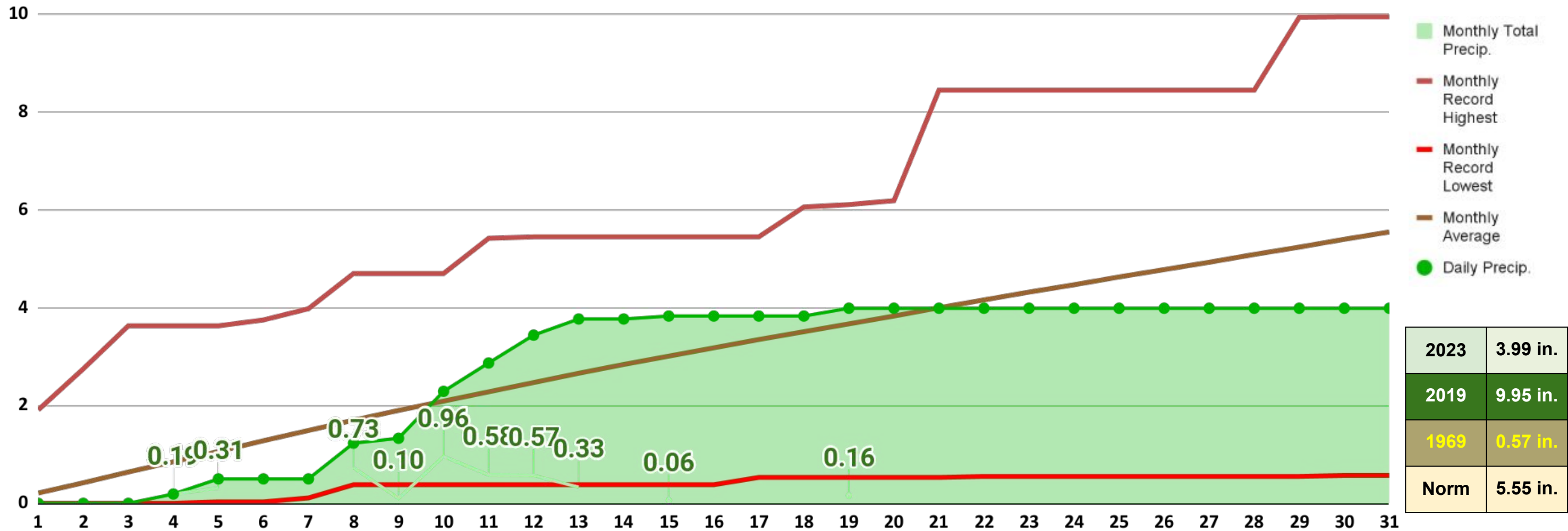


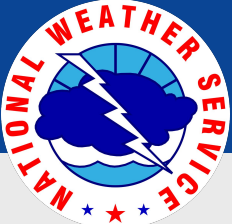
Monthly Climate Summary

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West Plains Precipitation Chart

West Plains Precipitation May 2023



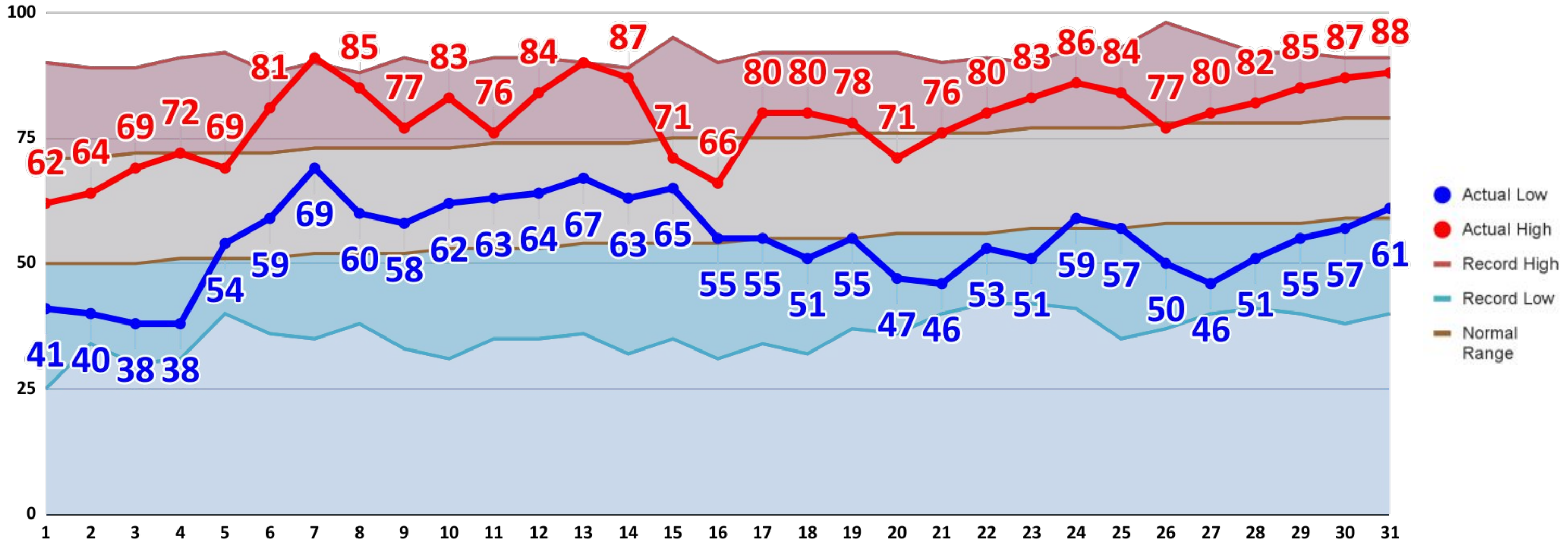


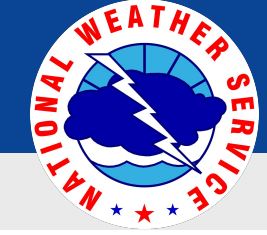
Monthly Climate Summary

June 19, 2023
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Rolla / Vichy Temperature Chart

Rolla / Vichy Temperatures May 2023



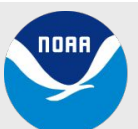
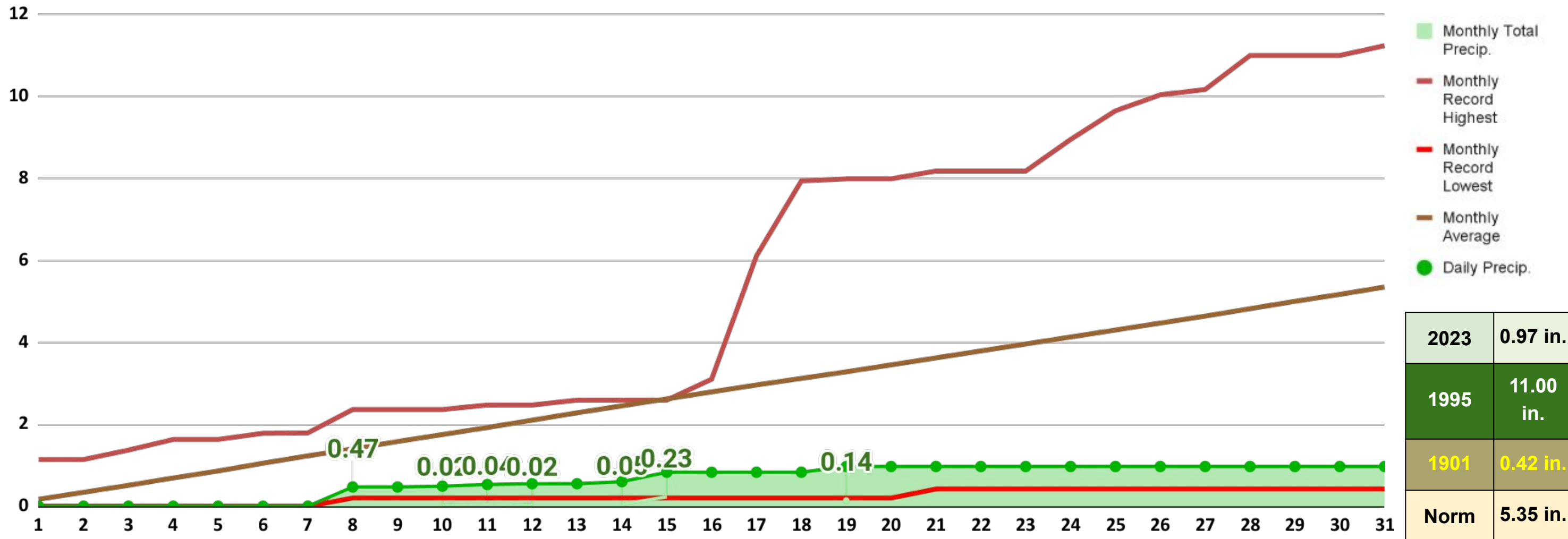


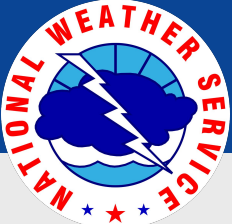
Monthly Climate Summary

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Rolla / Vichy Precipitation Chart

Rolla / Vichy Precipitation May 2023



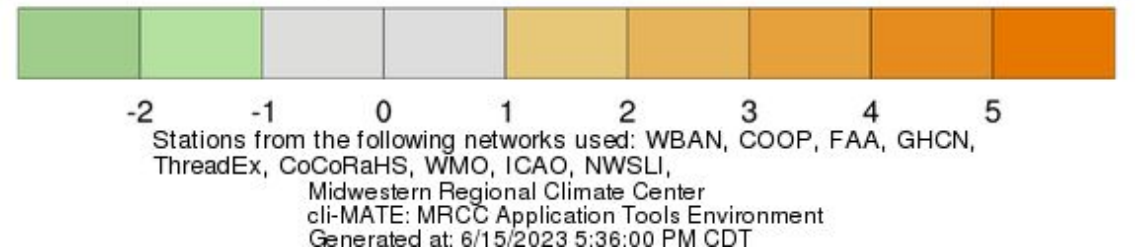
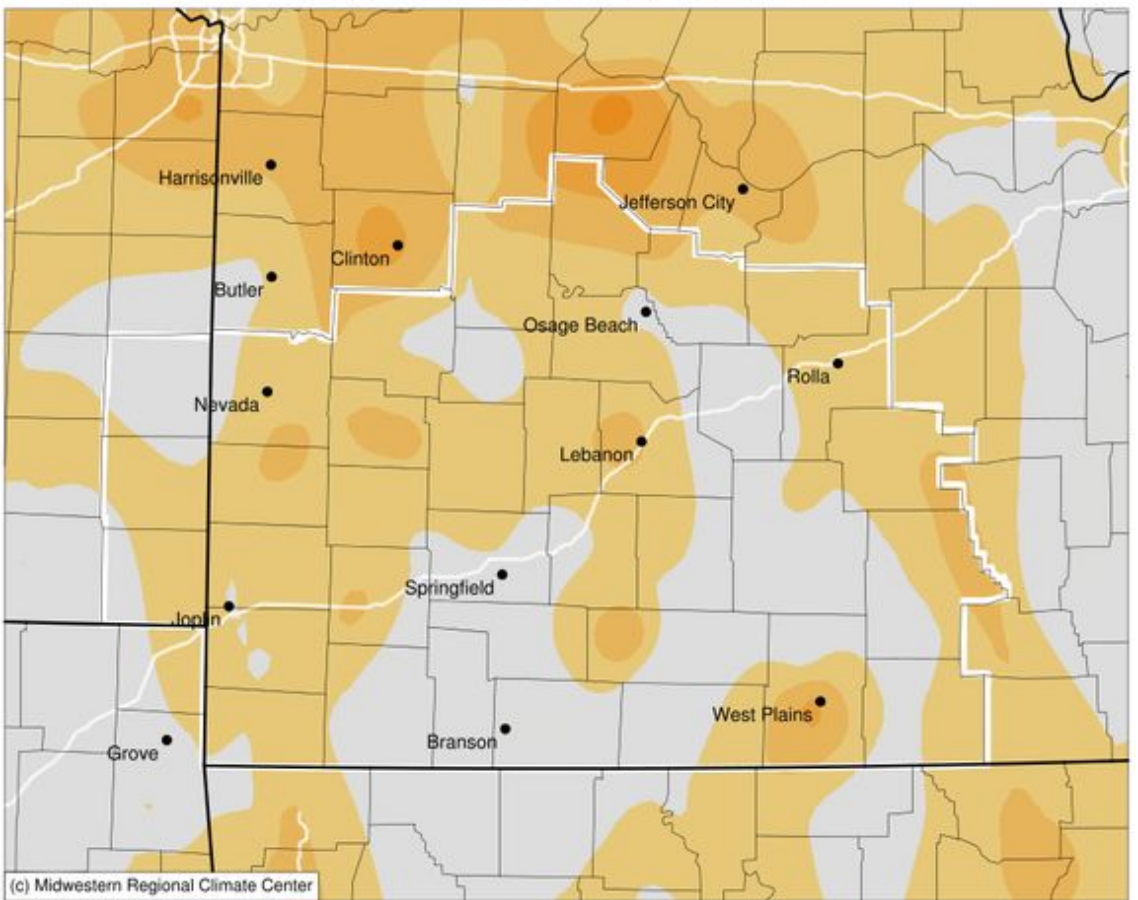


Monthly Climate Summary

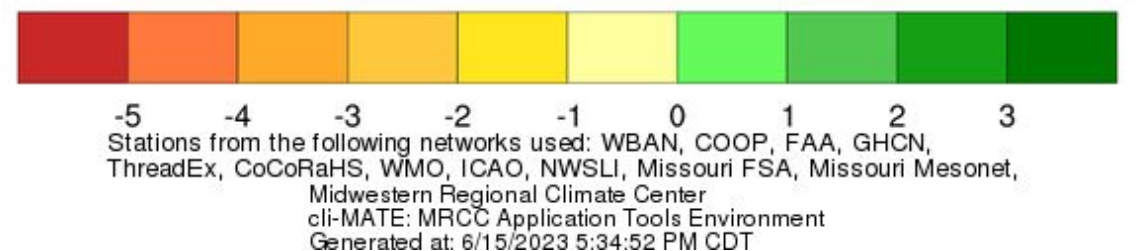
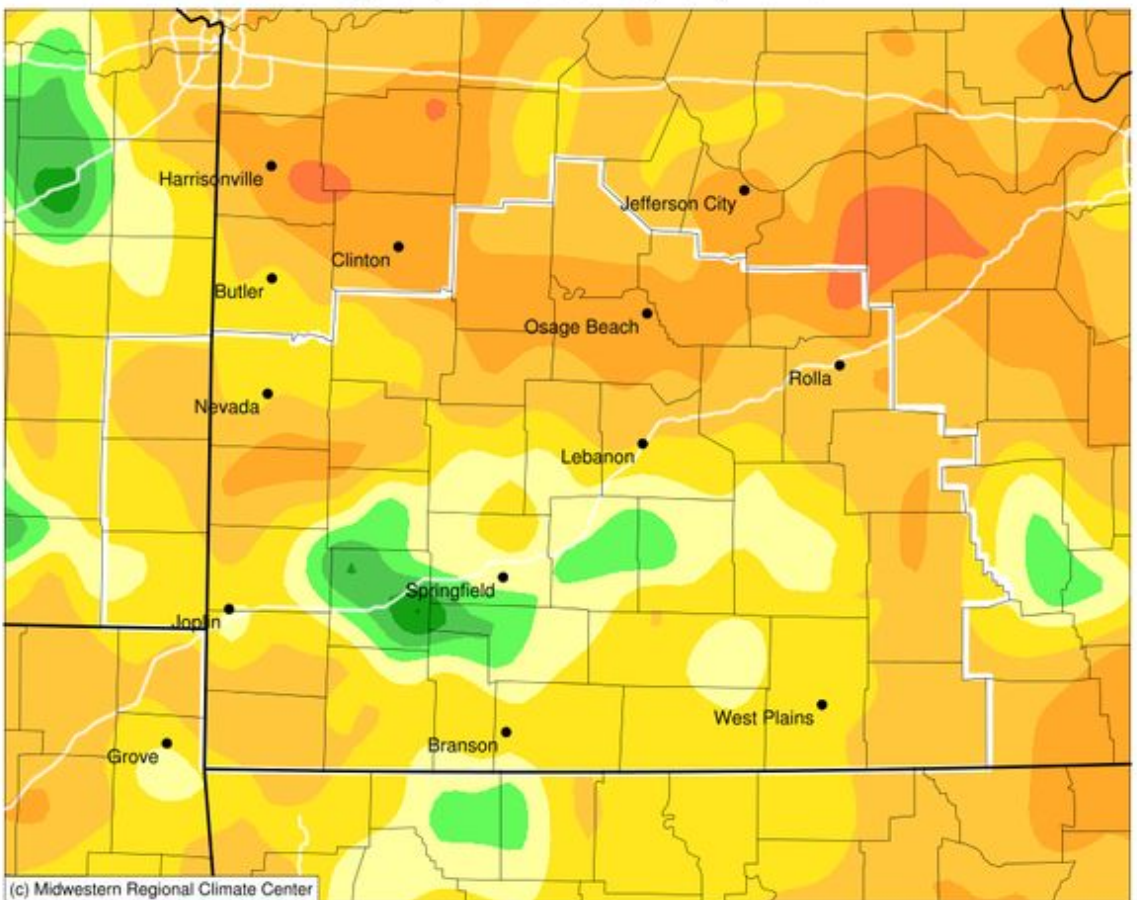
June 19, 2023
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May 2023 - Monthly Departure Maps

Average Temperature (°F): Departure from 1991-2020 Normals
May 01, 2023 to May 31, 2023



Accumulated Precipitation (in): Departure from 1991-2020 Normals
May 01, 2023 to May 31, 2023





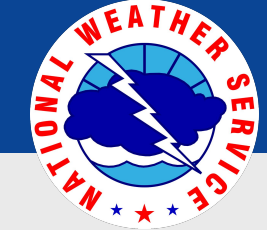
Monthly Climate Summary

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May 2023 - Records for the month

List of May 2023 Records		
Date	Station	Record
May 7th	Vichy	Record high of 91 broke the old record of 90 set in 1966.
May 7th	Vichy	Record warmest low of 69 broke the old record of 67 set in 1993.
May 7th	Springfield	Record warmest low of 68 broke the old record of 67 set in 2014.
May 13th	Vichy	Record high of 90 tied the old record set in 2022.





Monthly Climate Summary

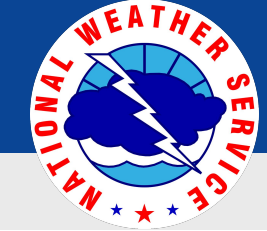
June 19, 2023
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May 2023 - Upcoming Normals

Upcoming Normal Conditions for the Next 3 Months				
Springfield				
Month	High	Low	Precip.	Snow
June	85.2	64.6	4.47	0.0
July	89.6	68.8	3.85	0.0
August	89.1	67.3	3.59	0.0
Joplin				
Month	High	Low	Precip.	
June	85.9	65.3	5.60	
July	90.3	69.5	3.97	
August	90.0	67.9	3.36	

Upcoming Normal Conditions for the Next 3 Months			
West Plains			
Month	High	Low	Precip.
June	84.4	63.3	4.04
July	88.6	67.2	4.21
August	88.4	65.5	3.36
Rolla / Vichy			
Month	High	Low	Precip.
June	83.1	63.1	4.46
July	87.9	67.0	4.43
August	87.0	65.6	3.66





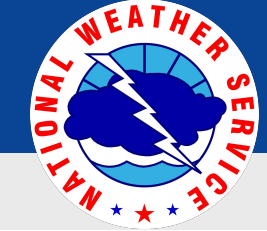
Monthly Climate Summary

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May 2023 - Springfield Daily Data

Date	Max	Min	Avg.	Depart	Precip.	Snowfall	Snow Depth
5/1/2023	64	40	52.0	-9.4	0	0	0
5/2/2023	66	42	54.0	-7.7	0	0	0
5/3/2023	72	38	55.0	-7.0	0	0	0
5/4/2023	66	46	56.0	-6.3	0.31	0	0
5/5/2023	66	54	60.0	-2.6	0.36	0	0
5/6/2023	88	60	74.0	11.1	T	0	0
5/7/2023	85	68	76.5	13.3	0	0	0
5/8/2023	86	65	75.5	12.0	0	0	0
5/9/2023	84	62	73.0	9.3	1.09	0	0
5/10/2023	80	60	70.0	6.0	1.14	0	0
5/11/2023	74	65	69.5	5.2	0.24	0	0
5/12/2023	81	61	71.0	6.4	0.75	0	0
5/13/2023	84	63	73.5	8.5	0.05	0	0
5/14/2023	85	65	75.0	9.7	0.49	0	0
5/15/2023	83	65	74.0	8.4	0.18	0	0

Date	Max	Min	Avg.	Depart	Precip.	Snowfall	Snow Depth
5/16/2023	66	61	63.5	-2.4	T	0	0
5/17/2023	78	60	69	2.8	0	0	0
5/18/2023	80	56	68	1.5	0	0	0
5/19/2023	70	52	61	-5.8	0.33	0	0
5/20/2023	70	49	59.5	-7.6	0	0	0
5/21/2023	74	48	61	-6.5	0	0	0
5/22/2023	78	52	65	-2.8	0	0	0
5/23/2023	80	53	66.5	-1.6	0	0	0
5/24/2023	82	62	72	3.6	0.01	0	0
5/25/2023	83	58	70.5	1.7	0	0	0
5/26/2023	79	61	70	0.9	0	0	0
5/27/2023	78	52	65	-4.4	0	0	0
5/28/2023	81	52	66.5	-3.2	0	0	0
5/29/2023	84	57	70.5	0.5	0	0	0
5/30/2023	83	63	73	2.6	0.94	0	0
5/31/2023	80	65	72.5	1.8	0.96	0	0



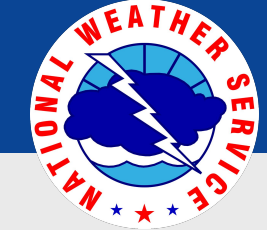
Monthly Climate Summary

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May 2023 - Joplin Daily Data

Date	Max	Min	Avg.	Depart	Precip.
5/1/2023	67	39	53.0	-9.1	0.00
5/2/2023	69	41	55.0	-7.3	0.00
5/3/2023	74	36	55.0	-7.6	0.00
5/4/2023	67	48	57.5	-5.4	1.29
5/5/2023	76	56	66.0	2.9	0.03
5/6/2023	89	65	77.0	13.6	T
5/7/2023	85	68	76.5	12.8	0.00
5/8/2023	86	64	75.0	11.0	0.00
5/9/2023	88	63	75.5	11.2	0.03
5/10/2023	83	60	71.5	6.9	T
5/11/2023	80	65	72.5	7.6	0.52
5/12/2023	83	63	73.0	7.8	0.64
5/13/2023	82	63	72.5	7.0	0.67
5/14/2023	84	66	75.0	9.2	0.01
5/15/2023	79	63	71.0	4.9	0.71

Date	Max	Min	Avg.	Depart	Precip.
5/16/2023	64	60	62.0	-4.4	0.03
5/17/2023	76	58	67.0	0.3	0.00
5/18/2023	83	54	68.5	1.5	0.00
5/19/2023	70	51	60.5	-6.8	0.37
5/20/2023	70	46	58.0	-9.7	0.00
5/21/2023	75	49	62.0	-6.0	0.00
5/22/2023	78	52	65.0	-3.3	0.00
5/23/2023	80	54	67.0	-1.6	0.00
5/24/2023	81	61	71.0	2.0	0.00
5/25/2023	83	58	70.5	1.2	0.00
5/26/2023	82	57	69.5	-0.1	0.00
5/27/2023	80	51	65.5	-4.5	0.00
5/28/2023	84	51	67.5	-2.8	0.00
5/29/2023	85	59	72.0	1.4	0.00
5/30/2023	86	68	77.0	6.0	0.00
5/31/2023	86	65	75.5	4.2	0.00



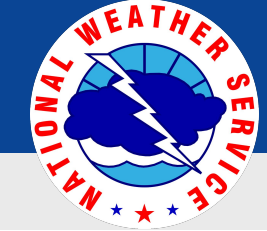
Monthly Climate Summary

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May 2023 - West Plains Daily Data

Date	Max	Min	Avg.	Depart	Precip.
5/1/2023	65	39	52.0	-9.6	0.00
5/2/2023	67	37	52.0	-9.8	0.00
5/3/2023	72	41	56.5	-5.6	0.00
5/4/2023	66	38	52.0	-10.3	0.19
5/5/2023	60	54	57.0	-5.6	0.31
5/6/2023	81	58	69.5	6.6	0.00
5/7/2023	83	67	75.0	11.9	0.00
5/8/2023	86	59	72.5	9.1	0.73
5/9/2023	79	59	69.0	5.4	0.10
5/10/2023	81	62	71.5	7.6	0.96
5/11/2023	72	63	67.5	3.3	0.58
5/12/2023	80	61	70.5	6.1	0.57
5/13/2023	86	65	75.5	10.8	0.33
5/14/2023	85	62	73.5	8.5	0.00
5/15/2023	85	65	75.0	9.8	0.06

Date	Max	Min	Avg.	Depart	Precip.
5/16/2023	71	62	66.5	1.0	0.00
5/17/2023	78	59	68.5	2.7	0.00
5/18/2023	78	54	66.0	-0.1	0.00
5/19/2023	77	56	66.5	0.1	0.16
5/20/2023	72	52	62.0	-4.6	T
5/21/2023	75	48	61.5	-5.4	0.00
5/22/2023	78	47	62.5	-4.7	0.00
5/23/2023	80	50	65.0	-2.5	0.00
5/24/2023	83	56	69.5	1.7	0.00
5/25/2023	83	54	68.5	0.4	0.00
5/26/2023	77	51	64.0	-4.4	0.00
5/27/2023	78	46	62.0	-6.7	0.00
5/28/2023	80	51	65.5	-3.5	0.00
5/29/2023	82	54	68.0	-1.3	0.00
5/30/2023	85	55	70.0	0.4	0.00
5/31/2023	85	58	71.5	1.6	0.00



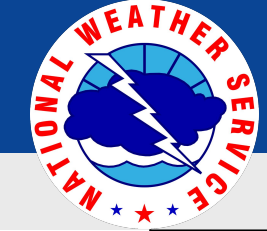
Monthly Climate Summary

June 19, 2023
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May 2023 - Vichy Daily Data

Date	Max	Min	Avg.	Depart	Precip.
5/1/2023	62	41	51.5	-9.0	0.00
5/2/2023	64	40	52.0	-8.7	0.00
5/3/2023	69	38	53.5	-7.5	0.00
5/4/2023	72	38	55.0	-6.3	0.00
5/5/2023	69	54	61.5	-0.1	T
5/6/2023	81	59	70.0	8.2	0.00
5/7/2023	91	69	80.0	17.9	0.00
5/8/2023	85	60	72.5	10.1	0.47
5/9/2023	77	58	67.5	4.8	T
5/10/2023	83	62	72.5	9.6	0.02
5/11/2023	76	63	69.5	6.3	0.04
5/12/2023	84	64	74.0	10.5	0.02
5/13/2023	90	67	78.5	14.7	T
5/14/2023	87	63	75.0	11.0	0.05
5/15/2023	71	65	68.0	3.7	0.23

Date	Max	Min	Avg.	Depart	Precip.
5/16/2023	66	55	60.5	-4.1	T
5/17/2023	80	55	67.5	2.6	0.00
5/18/2023	80	51	65.5	0.3	0.00
5/19/2023	78	55	66.5	1.0	0.14
5/20/2023	71	47	59.0	-6.7	0.00
5/21/2023	76	46	61.0	-5.0	0.00
5/22/2023	80	53	66.5	0.2	0.00
5/23/2023	83	51	67.0	0.4	0.00
5/24/2023	86	59	72.5	5.6	0.00
5/25/2023	84	57	70.5	3.3	0.00
5/26/2023	77	50	63.5	-4.0	0.00
5/27/2023	80	46	63.0	-4.8	0.00
5/28/2023	82	51	66.5	-1.6	0.00
5/29/2023	85	55	70.0	1.6	0.00
5/30/2023	87	57	72.0	3.3	0.00
5/31/2023	88	61	74.5	5.5	0.00



Monthly Climate Summary

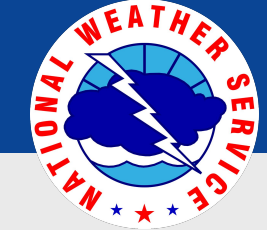
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May 2023 - Precipitation Report

Station	Amount
MARIONVILLE 4.7 N	10.39
BILLINGS 1SW	9.95
MILLER 9.2 WNW	9.62
CLEVER 4.0 ENE	8.65
SHOAL CREEK ESTATES 0.2	8.01
MILLER	7.97
MOUNT VERNON 1.3 NNW	7.97
GIRARD 4.6 W	7.78
GREENFIELD 3.1 ENE	7.78
HOUSTON 1.1 NE	7.70
MOUNTAIN GROVE 13.0 NNW	7.61
MOUNT VERNON 0.2 E	7.56
GREENFIELD 2SE	7.52
HARTVILLE 3.8 WNW	7.44
SARCOXIE 1.0 W	7.40
NIXA 2.7 SSW	7.29
SUMMERVILLE 3.6 S	7.28

Station	Amount
GOLDEN CITY 6 S	7.17
SPRINGFIELD WFO	7.09
AURORA 2.7 S	6.94
SPRINGFIELD WSO AP	6.85
CARL JUNCTION 3.1 WSW	6.83
MARSHFIELD 3.7 SE	6.75
MOUNTAIN VIEW 7.9 W	6.66
ALDRICH 5.0 ESE	6.62
CLEVER 7.2 SE	6.52
SPRINGFIELD 5.5 SSW	6.41
STRAFFORD 2.7 SW	6.38
REPUBLIC 0.8 SE	6.36
HARTVILLE 0.5 SSE	6.35
BOLIVAR 1 NE	6.24
SUMMERVILLE 3 SE	6.21
SPRINGFIELD 4.9 SE	6.16
REPUBLIC 0.8 ESE	6.13

Station	Amount
WALNUT GROVE 5.2 SE	6.09
GIRARD 3.1 SSW	6.00
LOCKWOOD	5.99
NEVADA WATER PLANT	5.94
NEVADA 3.4 NE	5.90
BATTLEFIELD 3.3 E	5.86
HALLTOWN 5NW	5.85
CARTHAGE 3.8 SW	5.84
GREENFIELD 0.8 SSW	5.83
BOLIVAR 1.0 ENE	5.83
MOUNTAIN GROVE 14.0 S	5.81
CARTHAGE 1.5 S	5.75
ELDORADO SPRINGS	5.75
PITTSBURG	5.70
HARTVILLE	5.65
SPRINGFIELD 0.7 ENE	5.62
PIERCE CITY 5.0 NE	5.61



Monthly Climate Summary

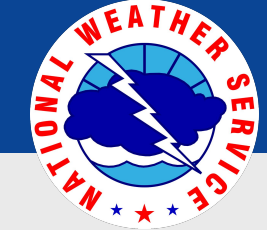
June 19, 2023
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May 2023 - Precipitation Report

Station	Amount
PITTSBURG 4.9 WSW	5.57
SPRINGFIELD 4.0 SW	5.57
MARSHFIELD 4 WSW	5.55
GIRARD	5.47
MORRISVILLE 2SW	5.46
CARTHAGE 4.5 E	5.42
BROOKLINE 2.3 NNW	5.37
PITTSBURG 1.0 ESE	5.28
BUFFALO 1.0 SW	5.27
GOLDEN CITY 0.6 SSW	5.24
JOPLIN 1.3 NW	5.20
MCCUNE 1.6 NW	5.18
RAYMONDVILLE 3.5 SE	5.13
FORT LEONARD WOOD 5.4 S	5.12
NEOSHO 3.9 WNW	5.11
ROCKVILLE 7.9 E	5.11
HOUSTON 2.0 S	5.08

Station	Amount
AVA 0.8 NNW	5.07
NEVADA 0.2 W	4.99
HOUSTON 4.5 ESE	4.97
BUFFALO 2N	4.96
SPRINGFIELD 1.0 SSE	4.93
HOUSTON	4.90
HOUSTON 5.0 SE	4.87
HALF WAY 0.8 WNW	4.84
BRANSON AIRPORT	4.82
CONWAY 8.9 SW	4.82
EMERALD BEACH 5.5 E	4.73
NEOSHO 2.0 NNW	4.72
NEVADA 6.3 ESE	4.70
ASH GROVE 4S	4.67
CASSVILLE 4.8 SSE	4.67
BRANSON 3.8 E	4.67
MARSHFIELD 1.4 W	4.67

Station	Amount
FARLINGTON 0.8 NNE	4.66
SHELL KNOB 5.6 ESE	4.65
LEBANON 6.3 N	4.59
CRANE 0.7 SSW	4.56
PURDY 4.8 SSW	4.55
NEOSHO	4.54
LAMAR 0.3 ESE	4.54
DIAMOND 2W	4.52
PHILLIPSBURG 5.0 NW	4.49
WALNUT GROVE 5.8 NNW	4.48
CRANE 0.3 SW	4.45
DUNNEGAN 2.4 NNW	4.41
WILLARD 2.6 W	4.38
SALEM 14.9 E	4.36
OSCEOLA 0.3 SW	4.35
JOPLIN REGIONAL AIRPORT	4.30
FAIR PLAY 1.3 E	4.24



Monthly Climate Summary

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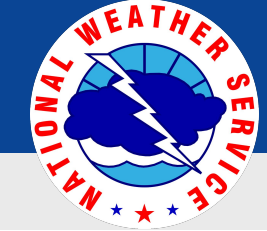
May 2023 - Precipitation Report

Station	Amount
ROLLA 3.7 WNW	4.24
ROLLA 3.4 NW	4.24
OAKLAND PARK 0.6 ESE	4.22
ASH GROVE 0.4 SSW	4.19
GREENFIELD 2.9 WSW	4.12
ANDERSON 3.2 NNW	4.10
ANDERSON 4.2 W	4.10
SUNDOWN 5.1 SE	4.10
LEBANON 0.6 N	4.10
VERONA 4.0 WNW	4.09
WEST PLAINS 8.8 E	4.09
TANEYVILLE 3.9 NNE	4.04
CAPE FAIR 2.1 N	4.04
OZARK BEACH 2 NNE	4.03
APPLETON CITY	4.01
WEST PLAINS 1.5 NW	4.01
WEST PLAINS MUNICIPAL A	3.99

Station	Amount
WASOLA 5N	3.98
WINONA 3 SW	3.98
GOODSON 0.5 NNW	3.98
WILLARD 5.8 NNE	3.95
LEBANON 1.3 E	3.94
GAINESVILLE 6.2 ENE	3.91
SAVONBURG 4.1 ESE	3.90
ROLLA MISSOURI S&T	3.87
MARSHFIELD 0.9 SE	3.84
ROLLA 0.9 SE	3.81
BRANSON 3.2 NNW	3.81
TECUMSEH 2.2 SE	3.80
FORT SCOTT 9.3 NNE	3.79
HOLLISTER 3.8 SW	3.73
MOUNTAIN GROVE 2 N	3.69
ANDERSON 3W	3.67
SELIGMAN 3.0 N	3.66

Station	Amount
COLLINS 5.5 WNW	3.63
JOPLIN 24 N	3.61
MONTAUK STATE PARK	3.61
FAIR GROVE 4.7 SSW	3.60
STOCKTON 5.6 S	3.51
TABLE ROCK DAM	3.49
LICKING 4N	3.47
ROLLA 1.3 NE	3.45
FLEMINGTON 2.6 S	3.45
WHITE CHURCH 6 NNE	3.39
WEST PLAINS	3.34
ANDERSON 6.8 W	3.33
MOUNTAIN VIEW 7.0 NE	3.33
STOCKTON 2.5 NNE	3.31
FORT SCOTT	3.30
GALENA	3.28
MANSFIELD 3.7 SSE	3.18

Station	Amount
URBANA 2.7 NNE	3.18
ROLLA 7.6 SSE	3.16
ROLLA 8.2 SSE	3.15
ROLLA 8.1 SSE	3.15
ELDON	3.14
KIMBERLING CITY 1.5 WNW	3.14
ROLLA 6.4 NNW	3.13
TECUMSEH 1W	3.08
CASSVILLE 1 NE	3.06
CASSVILLE 0.5 SW	3.05
SALEM 3.5 E	3.02
MONETT 1.8 N	3.00
MONETT 4SW	2.99
SALEM	2.99
SALEM 1.8 NW	2.99
BOLIVAR 9.0 N	2.98
ARCOLA 2.1 SW	2.95



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Station	Amount
DIXON 5.2 NE	2.94
LINCOLN 0.4 NNE	2.91
JERICO SPRINGS 3S	2.85
ALTON	2.85
ROLLA 6.4 S	2.84
COLE CAMP 0.4 SE	2.83
STARK CITY 5.5 ENE	2.82
LAMAR 7N	2.80
OSCEOLA	2.76
COLUMBUS	2.72
STOUTLAND 5.9 NNE/FSA	2.72
COLE CAMP 3NW	2.70
STOCKTON 0.5 W	2.68
ROLLA 8.1 S	2.68
MANSFIELD	2.67
WAYNESVILLE 2 W	2.65
WEST PLAINS 2.2 NNW	2.58

Station	Amount
KAISER LAKE OZARKS LEE	2.56
ROUND SPRING 2SW	2.54
MYRTLE 2.5 WNW	2.54
ST. JAMES 1.2 SE	2.53
POMME DE TERRE DAM	2.51
BRUMLEY 5.6 SW	2.50
LEBANON 2W	2.46
WEST PLAINS 10.6 S	2.46
STOCKTON 0.2 NW	2.45
ROLLA 5.6 S	2.44
SALEM 11.7 NNW	2.43
SALEM 10 W	2.42
ROLLA 4.4 WSW	2.37
HERMITAGE 0.5 ESE	2.32
ALTON 1.7 NNW	2.31
NEWBURG 9.6 SSW	2.19
WAYNESVILLE 3.5 WSW	2.15

Station	Amount
DEVON 0.1 SE	2.10
STOCKTON DAM	2.10
ST. JAMES 10.1 SSE	2.06
GRAVOIS MILLS 8.4 S	2.01
TRUMAN DAM & RESERVOIR	1.97
ROLLA 3.2 SSW	1.89
ROLLA 2.8 S	1.84
STOVER 2.3 NW	1.76
WARSAW 3.8 NNE	1.72
FORT SCOTT 0.6 SW	1.58
IBERIA	1.51
VERSAILLES	1.34
LAKESIDE	1.27
FORT LEONARD WOOD	1.09
VICHY ROLLA NATL AP	0.97
ROLLA 1.6 SSE	0.75
VIENNA 4.3 NNW	0.50