

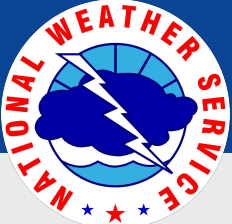


Monthly Climate Summary

September 2024 Overview

Monthly Climate Overview - September 2024				
Category	Springfield	Joplin	West Plains	Vichy
Maximum Temperature	96	99	91	94
Average Max. Temperature	82.7	85.8	80.9	80.8
Minimum Temperature	46	45	43	42
Average Min. Temperature	59.8	59.9	60.8	58.3
Average Mean Temperature	71.2	72.9	70.9	69.5
Departure from Normal	+0.9	+2.2	1.8	1.2
Temperature Rank	42nd warmest / 137	24th warmest / 95	21st warmest / 77	32nd warmest / 77
Days of 90 degrees or warmer	4	9	1	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	1.71	1.14	3.10	0.74
Departure from Normal	-2.60	-3.04	0.01	-3.07
Precipitation Rank	28th driest / 137	14th driest / 112	37th wettest / 77	7th driest / 80
Days of 0.01" or more	3	3	10	4
Days of 0.10" or more	2	2	6	2
Days of 0.50" or more	2	1	2	0
Days of 1.00" or more	0	1	0	0
Annual Snowfall	0.0			

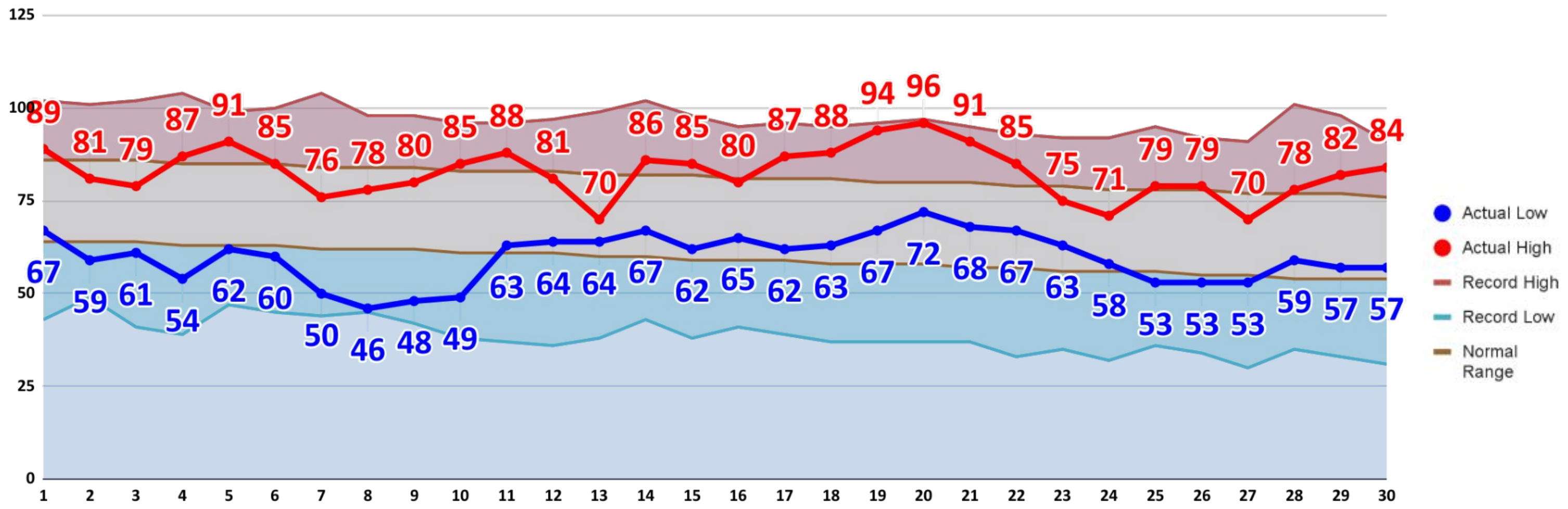


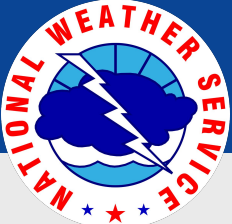


Monthly Climate Summary

Springfield Temperature Chart

Springfield Temperatures September 2024

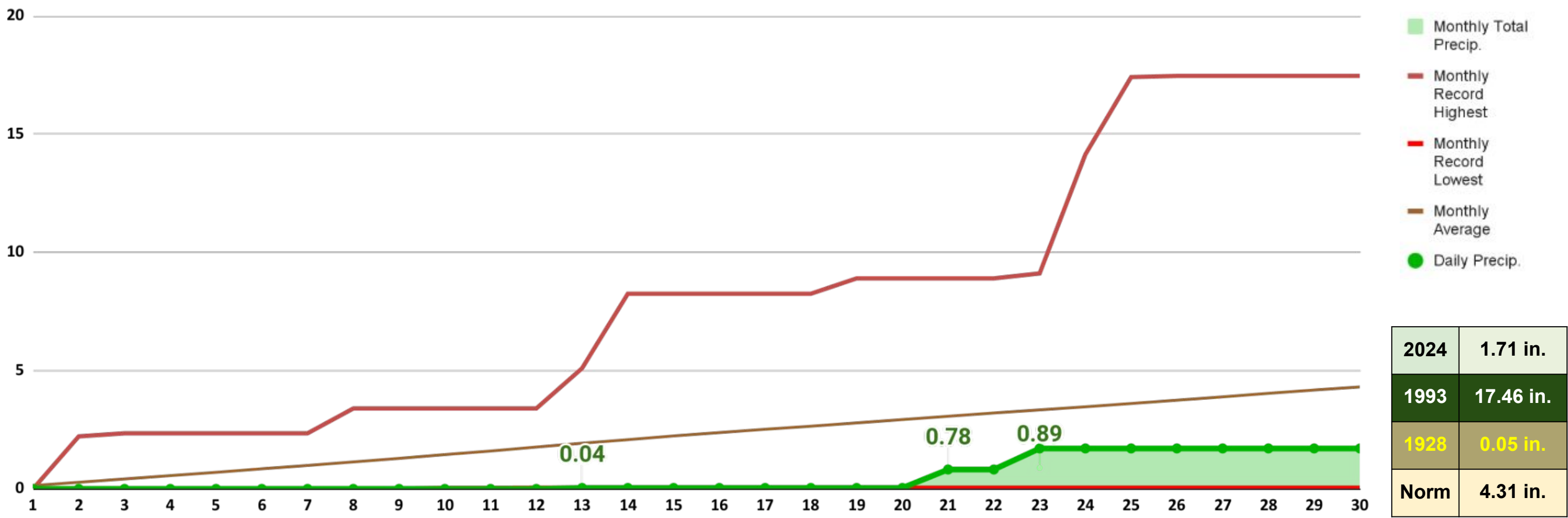


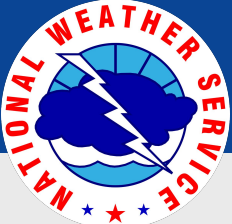


Monthly Climate Summary

Springfield Precipitation Chart

Springfield Precipitation September 2024

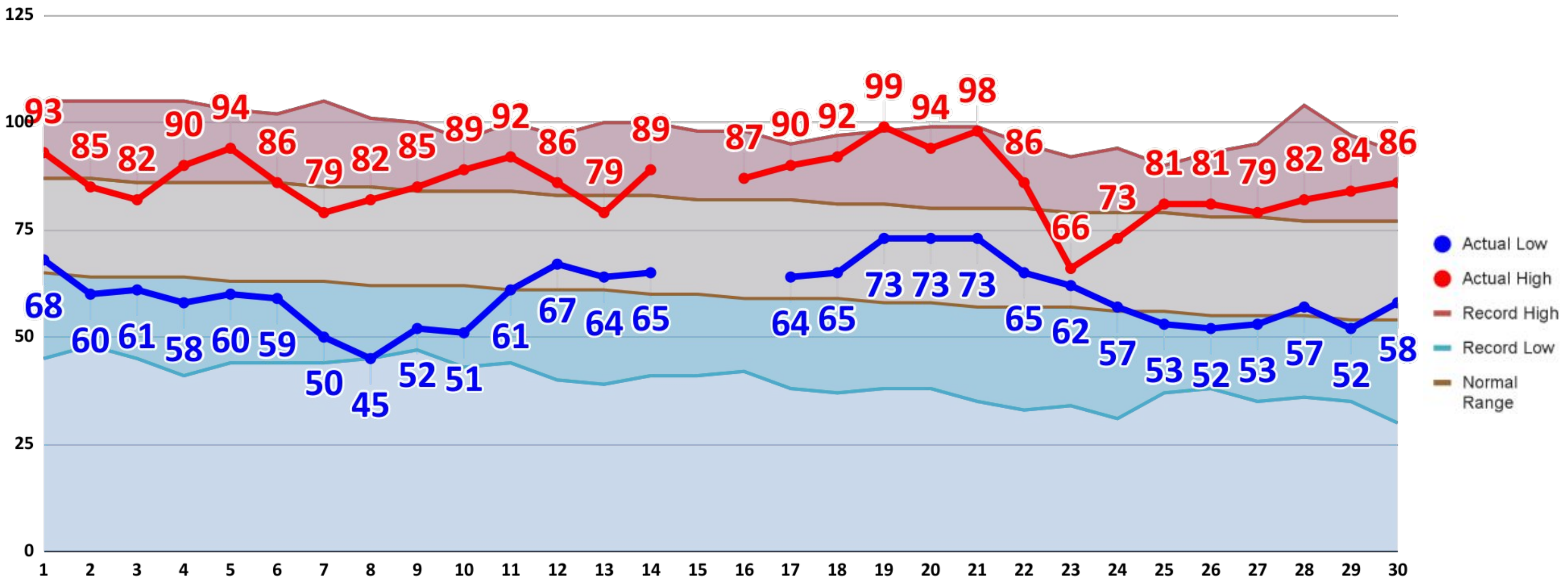


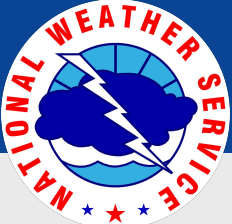


Monthly Climate Summary

Joplin Temperature Chart

Joplin Temperatures September 2024

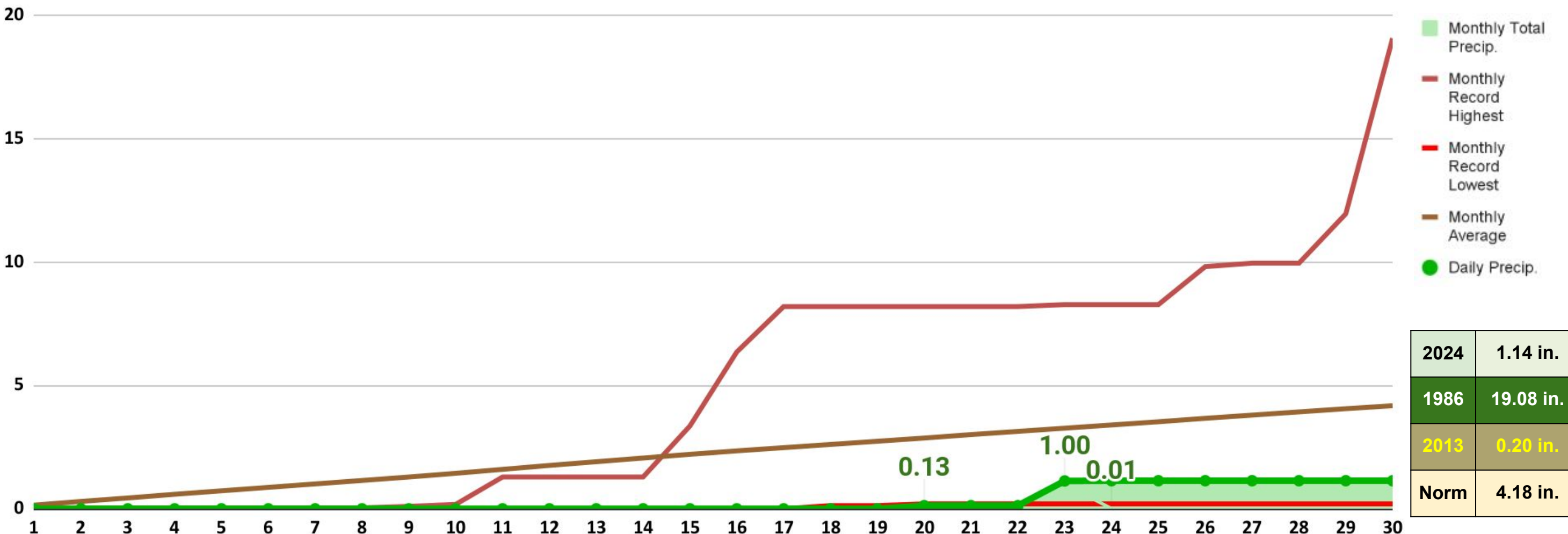


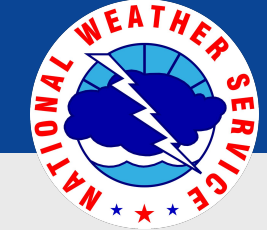


Monthly Climate Summary

Joplin Precipitation Chart

Joplin Precipitation September 2024

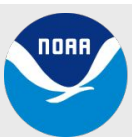
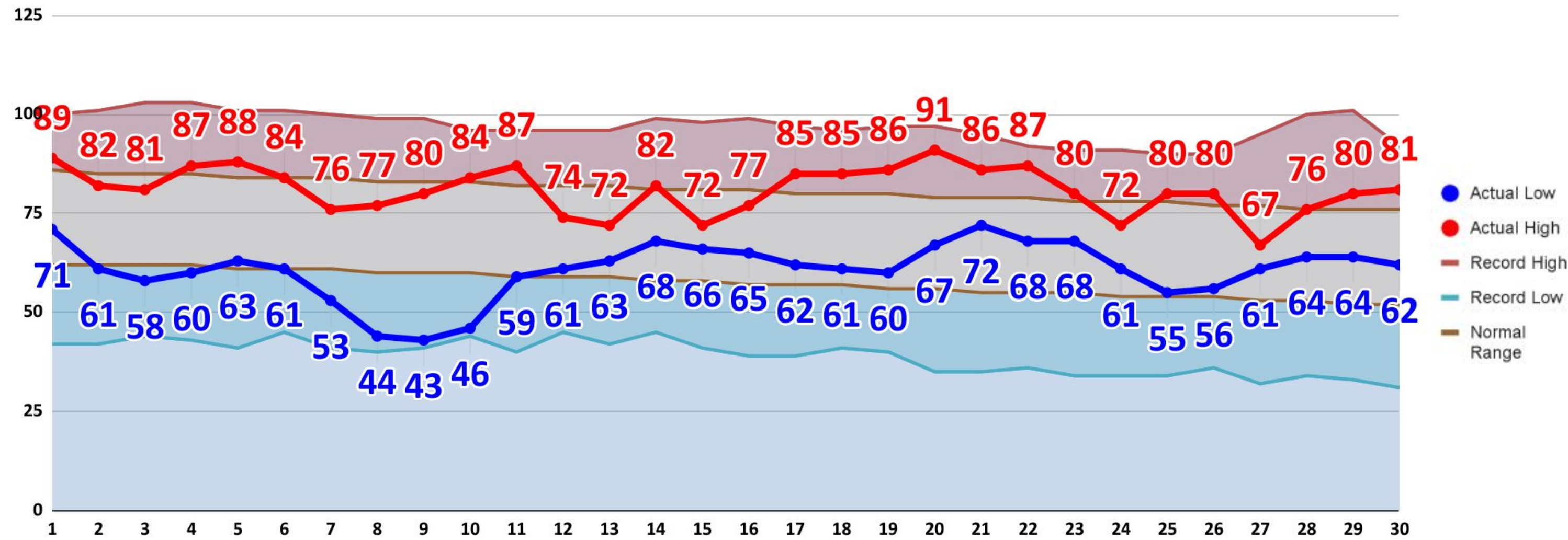


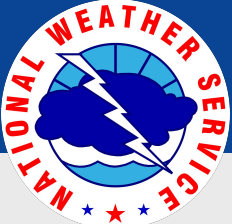


Monthly Climate Summary

West Plains Temperature Chart

West Plains Temperatures September 2024

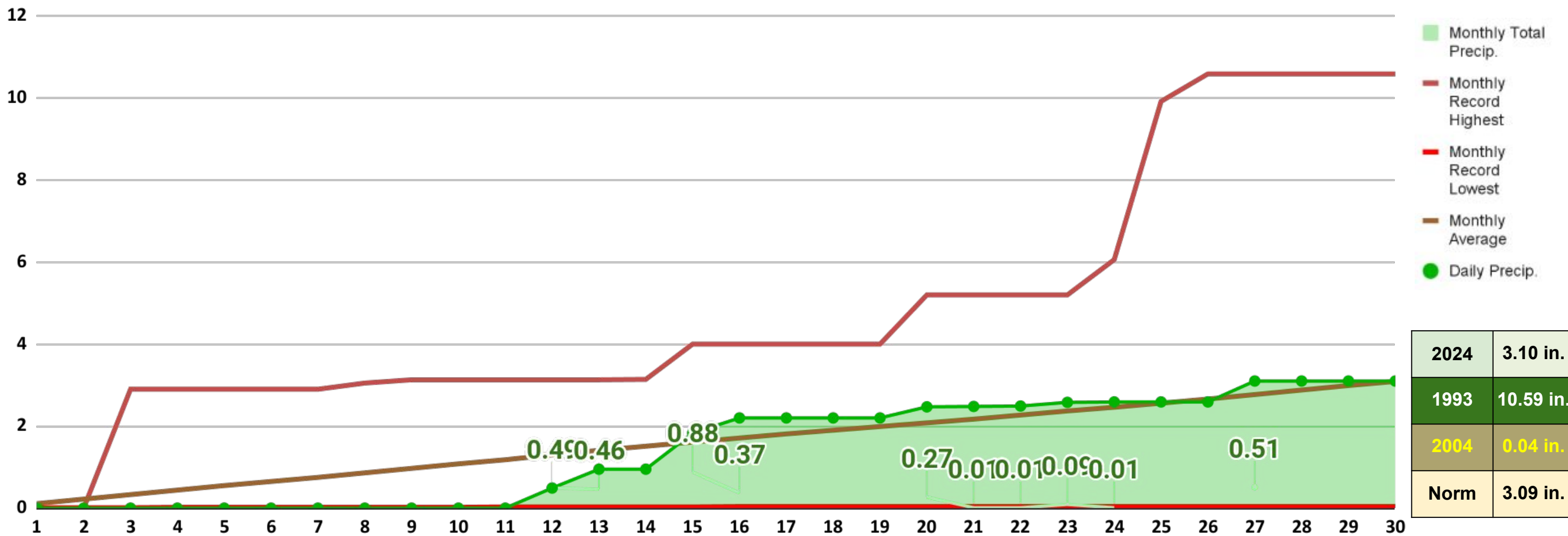


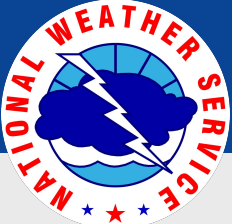


Monthly Climate Summary

West Plains Precipitation Chart

West Plains Precipitation September 2024

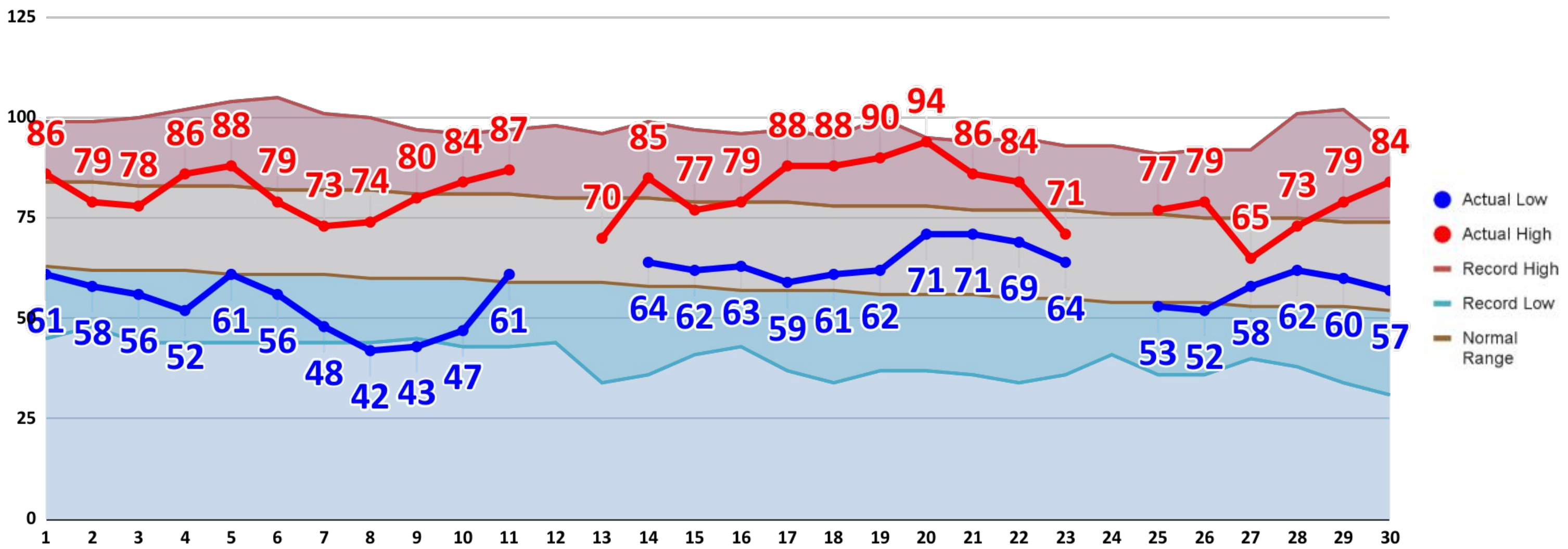


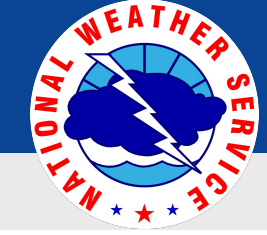


Monthly Climate Summary

Rolla / Vichy Temperature Chart

Rolla / Vichy Temperatures September 2024

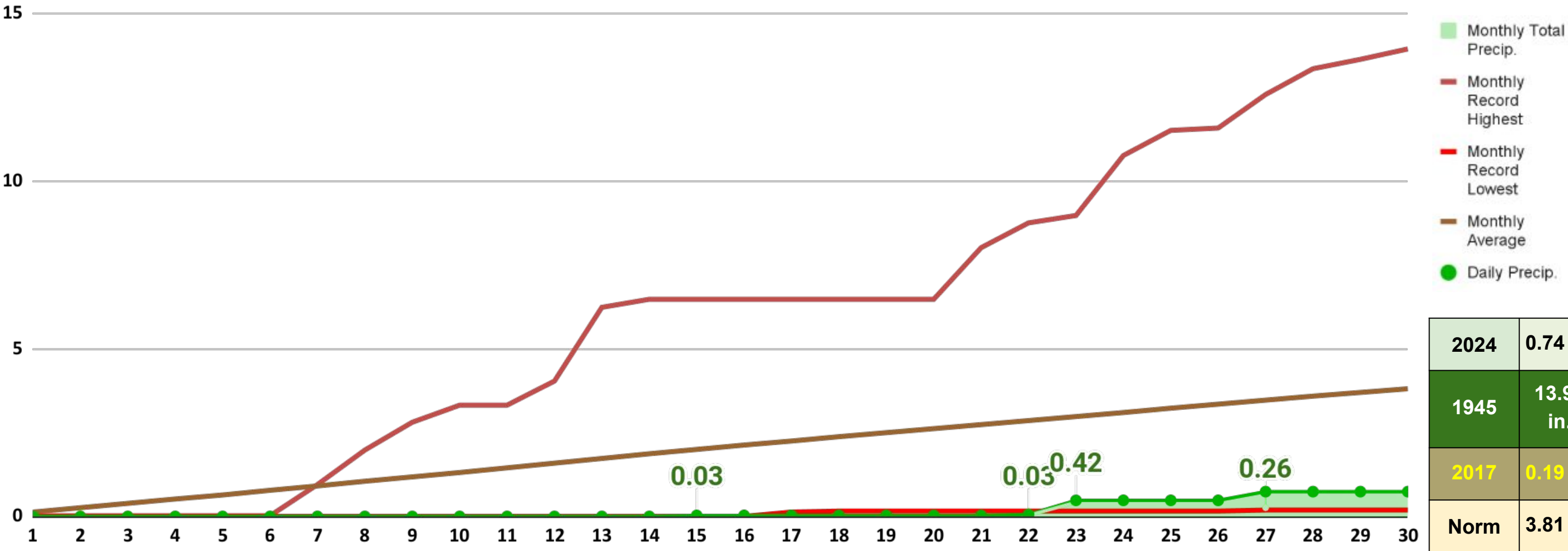


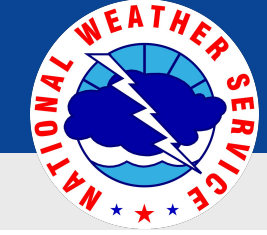


Monthly Climate Summary

Rolla / Vichy Precipitation Chart

Rolla / Vichy Precipitation September 2024

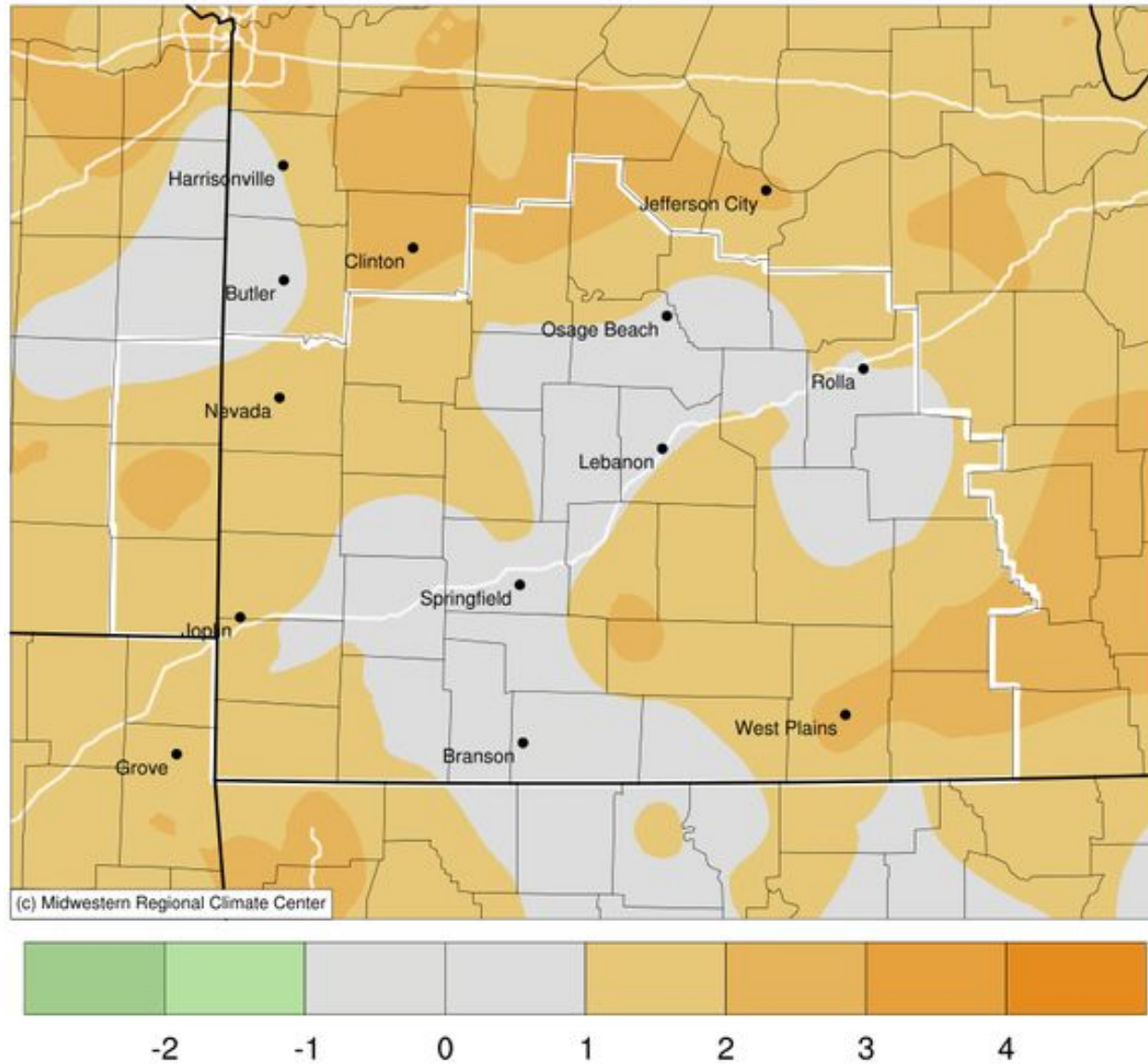




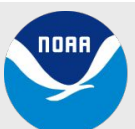
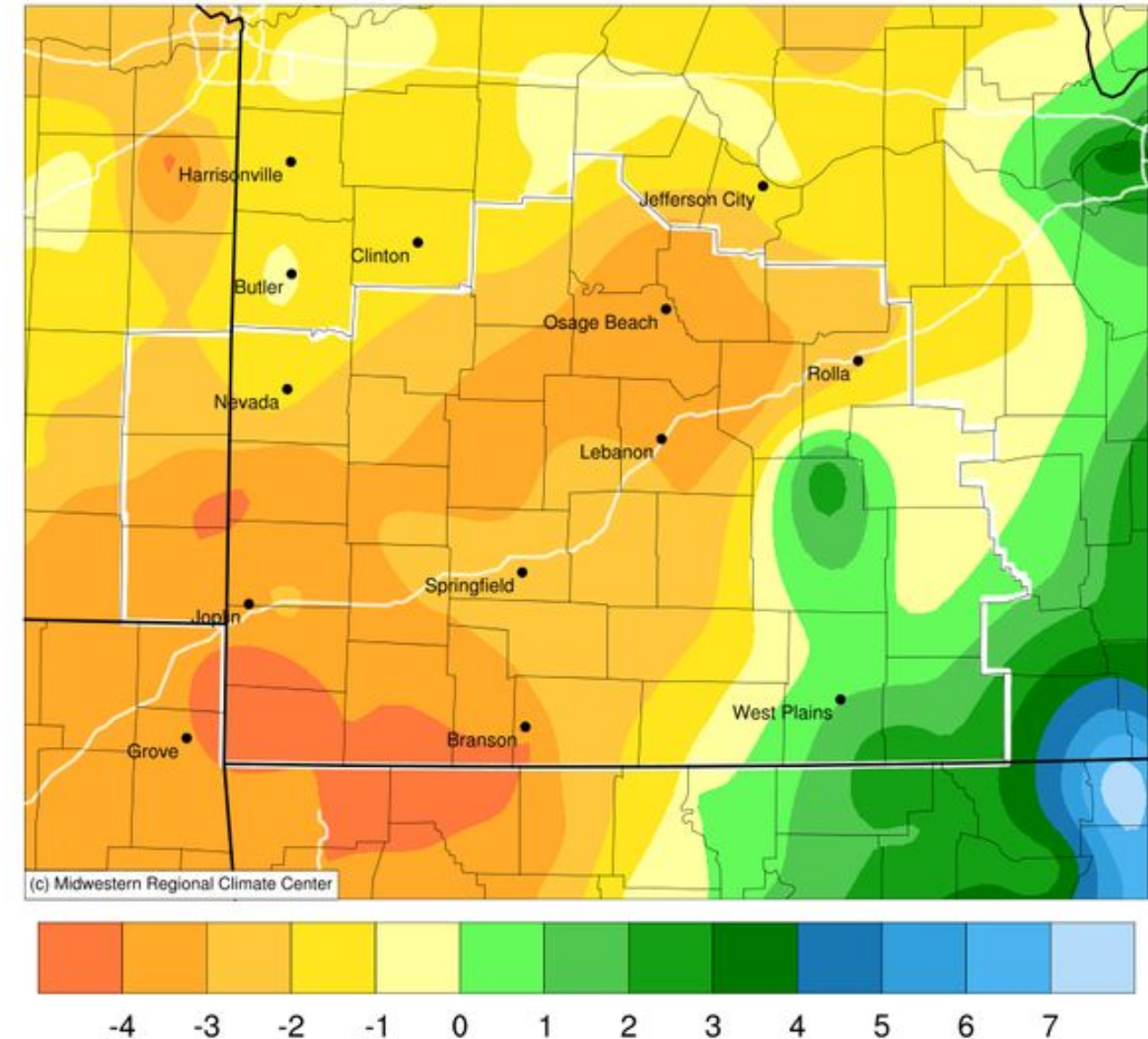
Monthly Climate Summary

September 2024 Monthly Departure Maps

Average Temperature (°F): Departure from 1991-2020 Normals
September 01, 2024 to September 30, 2024



Accumulated Precipitation (in): Departure from 1991-2020 Normals
September 01, 2024 to September 30, 2024





Monthly Climate Summary

September 2024 - Records for the Month

List of September 2024 Records		
Date	Station	Record
Sep 8	Vichy	Record low of 42 degrees broke the old record of 44 set in 1956.
Sep 8	Joplin	Record low of 45 degrees tied the old record set in 1956.
Sep 9	Vichy	Record low of 43 degrees broke the old record of 45 set in 1902.
Sep 19	Joplin	Record high of 99 degrees broke the old record of 98 set in 1954.
Sep 20	Joplin	Record high of 99 degrees broke the old record of 98 set in 1954.





Monthly Climate Summary

Upcoming Normals

Upcoming Normal Conditions for the Next 3 Months				
Springfield				
Month	High	Low	Precip.	Snow
October	69.9	47.3	3.6	0.0
November	57.3	36.2	3.56	3.3
December	47.0	27.8	2.61	0.6
Joplin				
Month	High	Low	Precip.	
October	70.7	47.9	3.80	
November	58.4	37.1	3.33	
December	47.8	28.5	2.60	

Upcoming Normal Conditions for the Next 3 Months			
West Plains			
Month	High	Low	Precip.
October	69.5	46.2	4.08
November	57.1	36.1	4.34
December	47.2	27.8	3.12
Rolla / Vichy			
Month	High	Low	Precip.
October	67.8	46.4	3.21
November	54.9	35.2	3.45
December	44.3	26.6	2.31



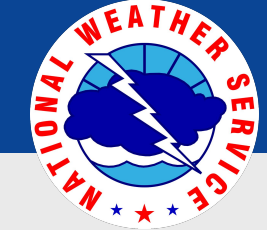


Monthly Climate Summary

September 2024 - Springfield Daily Data

Date	Max	Min	Avg.	Depart	Precip.	Snowfall	Snow Depth
9/1/2024	89	67	78.0	2.8	0	0	0
9/2/2024	81	59	70.0	-4.9	0	0	0
9/3/2024	79	61	70.0	-4.6	0	0	0
9/4/2024	87	54	70.5	-3.8	T	0	0
9/5/2024	91	62	76.5	2.5	0	0	0
9/6/2024	85	60	72.5	-1.2	0	0	0
9/7/2024	76	50	63.0	-10.4	0	0	0
9/8/2024	78	46	62.0	-11.0	0	0	0
9/9/2024	80	48	64.0	-8.7	0	0	0
9/10/2024	85	49	67.0	-5.3	0	0	0
9/11/2024	88	63	75.5	3.5	0	0	0
9/12/2024	81	64	72.5	0.9	T	0	0
9/13/2024	70	64	67.0	-4.3	0.04	0	0
9/14/2024	86	67	76.5	5.6	0	0	0
9/15/2024	85	62	73.5	2.9	0	0	0

Date	Max	Min	Avg.	Depart	Precip.	Snowfall	Snow Depth
9/16/2024	80	65	72.5	2.3	0	0	0
9/17/2024	87	62	74.5	4.7	0	0	0
9/18/2024	88	63	75.5	6.1	0	0	0
9/19/2024	94	67	80.5	11.4	0	0	0
9/20/2024	96	72	84	15.3	0	0	0
9/21/2024	91	68	79.5	11.2	0.78	0	0
9/22/2024	85	67	76	8.1	0	0	0
9/23/2024	75	63	69	1.5	0.89	0	0
9/24/2024	71	58	64.5	-2.7	T	0	0
9/25/2024	79	53	66	-0.8	0	0	0
9/26/2024	79	53	66	-0.4	0	0	0
9/27/2024	70	53	61.5	-4.5	T	0	0
9/28/2024	78	59	68.5	2.9	0	0	0
9/29/2024	82	57	69.5	4.3	0	0	0
9/30/2024	84	57	70.5	5.7	0	0	0

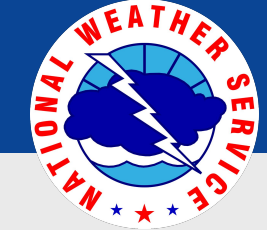


Monthly Climate Summary

September 2024 - Joplin Daily Data

Date	Max	Min	Avg.	Depart	Precip.
9/1/2024	93	68	80.5	4.7	0.00
9/2/2024	85	60	72.5	-3.0	0.00
9/3/2024	82	61	71.5	-3.7	0.00
9/4/2024	90	58	74.0	-0.9	0.00
9/5/2024	94	60	77.0	2.4	0.00
9/6/2024	86	59	72.5	-1.7	0.00
9/7/2024	79	50	64.5	-9.4	0.00
9/8/2024	82	45	63.5	-10.1	0.00
9/9/2024	85	52	68.5	-4.7	0.00
9/10/2024	89	51	70.0	-2.8	0.00
9/11/2024	92	61	76.5	4.0	0.00
9/12/2024	86	67	76.5	4.4	0.00
9/13/2024	79	64	71.5	-0.2	0.00
9/14/2024	89	65	77.0	5.6	0.00
9/15/2024	M	M	M	M	0.00

Date	Max	Min	Avg.	Depart	Precip.
9/16/2024	87	M	M	M	0.00
9/17/2024	90	64	77.0	6.8	0.00
9/18/2024	92	65	78.5	8.7	0.00
9/19/2024	99	73	86.0	16.6	T
9/20/2024	94	73	83.5	14.4	0.13
9/21/2024	98	73	85.5	16.8	T
9/22/2024	86	65	75.5	7.2	0.00
9/23/2024	66	62	64.0	-3.9	1.00
9/24/2024	73	57	65.0	-2.5	0.01
9/25/2024	81	53	67.0	-0.1	0.00
9/26/2024	81	52	66.5	-0.2	0.00
9/27/2024	79	53	66.0	-0.4	T
9/28/2024	82	57	69.5	3.5	T
9/29/2024	84	52	68.0	2.4	0.00
9/30/2024	86	58	72.0	6.8	0.00



Monthly Climate Summary

September 2024 - West Plains Daily Data

Date	Max	Min	Avg.	Depart	Precip.
9/1/2024	89	71	80.0	6.0	0.00
9/2/2024	82	61	71.5	-2.2	0.00
9/3/2024	81	58	69.5	-3.9	0.00
9/4/2024	87	60	73.5	0.4	0.00
9/5/2024	88	63	75.5	2.7	0.00
9/6/2024	84	61	72.5	0.0	0.00
9/7/2024	76	53	64.5	-7.7	0.00
9/8/2024	77	44	60.5	-11.3	0.00
9/9/2024	80	43	61.5	-10.0	0.00
9/10/2024	84	46	65.0	-6.2	0.00
9/11/2024	87	59	73.0	2.2	0.00
9/12/2024	74	61	67.5	-3.0	0.49
9/13/2024	72	63	67.5	-2.6	0.46
9/14/2024	82	68	75.0	5.2	T
9/15/2024	72	66	69.0	-0.4	0.88

Date	Max	Min	Avg.	Depart	Precip.
9/16/2024	77	65	71.0	2.0	0.37
9/17/2024	85	62	73.5	4.8	0.00
9/18/2024	85	61	73.0	4.7	0.00
9/19/2024	86	60	73.0	5.1	0.00
9/20/2024	91	67	79.0	11.4	0.27
9/21/2024	86	72	79.0	11.8	0.01
9/22/2024	87	68	77.5	10.7	0.01
9/23/2024	80	68	74.0	7.6	0.09
9/24/2024	72	61	66.5	0.4	0.01
9/25/2024	80	55	67.5	1.8	0.00
9/26/2024	80	56	68.0	2.7	0.00
9/27/2024	67	61	64.0	-0.9	0.51
9/28/2024	76	64	70.0	5.4	0.00
9/29/2024	80	64	72.0	7.8	0.00
9/30/2024	81	62	71.5	7.7	0.00

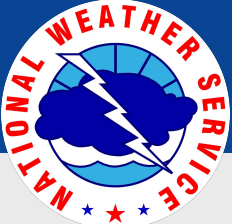


Monthly Climate Summary

September 2024 - Vichy Daily Data

Date	Max	Min	Avg.	Depart	Precip.
9/1/2024	86	61	73.5	0.3	0.00
9/2/2024	79	58	68.5	-4.4	0.00
9/3/2024	78	56	67.0	-5.6	0.00
9/4/2024	86	52	69.0	-3.3	0.00
9/5/2024	88	61	74.5	2.5	0.00
9/6/2024	79	56	67.5	-4.2	0.00
9/7/2024	73	48	60.5	-10.8	0.00
9/8/2024	74	42	58.0	-13.0	0.00
9/9/2024	80	43	61.5	-9.2	0.00
9/10/2024	84	47	65.5	-4.8	0.00
9/11/2024	87	61	74.0	4.0	0.00
9/12/2024	M	M	M	M	0.00
9/13/2024	70	M	M	M	0.00
9/14/2024	85	64	74.5	5.6	0.00
9/15/2024	77	62	69.5	0.9	0.03

Date	Max	Min	Avg.	Depart	Precip.
9/16/2024	79	63	71.0	2.8	0.00
9/17/2024	88	59	73.5	5.7	0.00
9/18/2024	88	61	74.5	7.0	0.00
9/19/2024	90	62	76.0	8.9	0.00
9/20/2024	94	71	82.5	15.8	0.00
9/21/2024	86	71	78.5	12.1	0.00
9/22/2024	84	69	76.5	10.5	0.03
9/23/2024	71	64	67.5	1.9	0.42
9/24/2024	M	M	M	M	M
9/25/2024	77	53	65.0	0.1	0.00
9/26/2024	79	52	65.5	1.0	0.00
9/27/2024	65	58	61.5	-2.7	0.26
9/28/2024	73	62	67.5	3.7	T
9/29/2024	79	60	69.5	6.1	0.00
9/30/2024	84	57	70.5	7.4	0.00



Monthly Climate Summary

September 2024 Precipitation

Station	Amount
SALEM 3.5 E	9.47
LICKING 4N	8.01
SALEM 1.8 NW	5.95
SALEM 14.9 E	5.71
WEST PLAINS 10.6 S	5.50
STOCKTON 0.5 W	5.18
NEVADA 3.4 NE	5.13
WEST PLAINS	5.12
STOCKTON 0.2 NW	5.04
MYRTLE 2.5 WNW	4.85
ALTON	4.75
MONTAUK STATE PARK	4.62
WINONA 3 SW	4.38
NEVADA 0.2 W	4.21
TECUMSEH 2.2 SE	4.09
CLEVER 7.2 SE	3.90
STOCKTON 5.6 S	3.81

Station	Amount
SALEM 5.0 WNW	3.77
STOCKTON 2.5 NNE	3.67
TECUMSEH 1W	3.67
EMINENCE 4.7 ESE	3.55
SALEM 10 W	3.46
COLE CAMP 3NW	3.42
NEVADA WATER PLANT	3.40
NEVADA 6.3 ESE	3.39
SUMMERSVILLE 3.6 S	3.33
WEST PLAINS 8.8 E	3.28
MOUNTAIN GROVE 14.0 S	3.25
STRAFFORD 2.4 SSW	3.23
ALTON 1.7 NNW	3.15
WEST PLAINS 1.5 NW	3.14
WEST PLAINS MUNICIPAL A	3.10
WEST PLAINS 2.2 NNW	3.04
WALNUT GROVE 5.8 NNW	3.00

Station	Amount
FORT SCOTT 9.3 NNE	2.94
SPRINGFIELD 2.6 ESE	2.93
STRAFFORD 2.7 SW	2.91
ROUND SPRING 2SW	2.88
VERSAILLES 2.7 E	2.85
APPLETON CITY	2.82
COLE CAMP 0.4 SE	2.81
MARSHFIELD 0.9 SE	2.78
MOUNTAIN VIEW 7.0 NE	2.76
SALEM	2.76
FORT LEONARD WOOD 5.4 S	2.76
PIERCE CITY 5.0 NE	2.66
GREENFIELD 0.8 SSW	2.66
FAIR PLAY 1.3 E	2.55
NIXA 2.7 SSW	2.41
MOUNT VERNON 0.2 E	2.40
MOUNTAIN VIEW 7.9 W	2.40



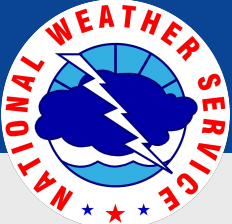
Monthly Climate Summary

September 2024 Precipitation

Report Station	Amount
HOUSTON 1.1 NE	2.40
GREENFIELD 3.1 ENE	2.38
MOUNT VERNON 1.3 NNW	2.37
LINCOLN 0.4 NNE	2.36
BROOKLINE 2.3 NNW	2.28
MARSHFIELD 1.4 W	2.24
CARTHAGE 1.5 S	2.23
HOUSTON 4.5 ESE	2.19
ST. JAMES 7.4 NNE	2.18
WARSAW 3.8 NNE	2.16
MARSHFIELD 4 WSW	2.08
FORT SCOTT 0.6 W	2.05
ASH GROVE 4S	2.05
STOVER 2.3 NW	2.01
WASOLA 5N	2.01
ST. JAMES 1.2 SE	2.00
HOUSTON 5.0 SE	1.99

Station	Amount
TRUMAN DAM & RESERVOIR	1.97
RAYMONDVILLE 3.5 SE	1.95
FARLINGTON 0.8 NNE	1.93
SUNDOWN 5.1 SE	1.93
SPRINGFIELD WFO	1.92
ALDRICH 5.0 ESE	1.92
MILLER	1.90
BILLINGS 1SW	1.89
ROCKVILLE 7.9 E	1.87
NORWOOD 10.6 S - FSA	1.87
KIMBERLING CITY 1.5 WNW	1.84
SPRINGFIELD 1.0 SSE	1.83
WILLARD 3.4 SW	1.81
BOLIVAR 1.0 ENE	1.79
WILLARD 5.8 NNE	1.77
GAINESVILLE 6.2 ENE	1.77
CLEVER 4.0 ENE	1.75

Station	Amount
SPRINGFIELD 0.7 ENE	1.74
HARTVILLE 0.5 SSE	1.74
OSCEOLA 0.3 SW	1.73
DIAMOND 2W	1.72
CARL JUNCTION 3.1 WSW	1.71
SPRINGFIELD WSO AP	1.71
STARK CITY 5.5 ENE	1.70
SPRINGFIELD 4.0 SW	1.68
EMERALD BEACH 5.5 E	1.64
LOCKWOOD	1.64
WALNUT GROVE 5.2 SE	1.64
MANSFIELD 3.7 SSE	1.63
WALNUT GROVE 6.0 ESE	1.60
ROLLA 0.9 SE	1.60
MONETT 1.8 N	1.58
SPRINGFIELD 4.9 SE	1.57
GREENFIELD 2.9 WSW	1.56



Monthly Climate Summary

September 2024 Precipitation

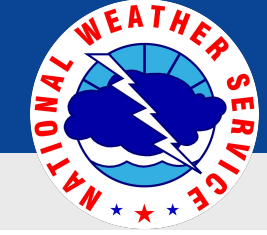
Station	Amount
SAVONBURG 4.1 ESE	1.55
ROLLA 2.2 SSE	1.55
AURORA 2.7 S	1.54
ROLLA 1.3 S	1.52
ROLLA 1.6 ENE	1.51
GIRARD	1.50
ROLLA 3.2 SSW	1.49
DEVON 0.1 SE	1.48
MILLER 9.2 WNW	1.46
ROLLA MISSOURI S&T	1.44
ROLLA 2.8 S	1.44
LAMAR 0.3 ESE	1.42
OZARK BEACH 2 NNE	1.42
BRANSON 3.8 E	1.42
CARTHAGE 4.5 E	1.40
ST. JAMES 10.1 SSE	1.37
SHOAL CREEK ESTATES 0.2	1.34

Station	Amount
ROLLA 1.3 NE	1.34
CARTHAGE 3.8 SW	1.33
MONETT 4SW	1.32
BATTLEFIELD 3.3 E	1.32
HOUSTON	1.32
ROLLA 8.2 SSE	1.31
ROLLA 2.2 S	1.31
JOPLIN 1.3 NW	1.28
MORRISVILLE 2SW	1.28
ROLLA 7.6 SSE	1.28
DUNNEGAN 2.4 NNW	1.27
CONWAY 8.9 SW	1.27
NEWBURG 9.6 SSW	1.27
ASH GROVE 0.4 SSW	1.26
FORT SCOTT 0.6 SW	1.25
GREENFIELD 2SE	1.25
FAIR GROVE 4.7 SSW	1.23

Station	Amount
LAMAR 7N	1.21
GIRARD 10.6 W	1.19
HOUSTON 2.0 S	1.19
LAKESIDE	1.16
KAISER LAKE OZARKS LEE	1.16
ROLLA 8.1 SSE	1.16
ROLLA 2.1 SE	1.16
JOPLIN REGIONAL AIRPORT	1.14
ROLLA 6.4 S	1.13
SARCOXIE 1.0 W	1.12
FORT LEONARD WOOD	1.09
AVA 6NW	1.08
ROLLA 3.7 WNW	1.05
GIRARD 4.6 W	1.03
NEOSHO 2.0 NNW	1.02
SALEM 11.7 NNW	1.02
BRUMLEY 5.6 SW	0.99

Station	Amount
HARTVILLE 3.8 WNW	0.97
ROLLA 3.4 NW	0.96
PHILLIPSBURG 5.0 NW	0.95
HARTVILLE	0.95
PITTSBURG	0.94
ROCKY COMFORT 0.8 S	0.93
FLEMINGTON 1W	0.91
HALF WAY 0.8 WNW	0.88
ROLLA 4.4 WSW	0.88
NEOSHO 3.9 WNW	0.85
ROLLA 5.6 S	0.84
THEODOSIA 13.9 NE	0.83
BOLIVAR 9.0 N	0.82
STELLA 2.8 SW	0.81
HOLLISTER 3.8 SW	0.81
POMME DE TERRE DAM	0.81
GRAVOIS MILLS 8.4 S	0.81

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Monthly Climate Summary

Report Information and Data Sources

- *Some missing data may at times occur in these preliminary reports when there are outages on the observing systems.*
- *These monthly reports are preliminary reports and have not been certified.*
- *Certified copies can be ordered for legal use by going to <https://ncei.noaa.gov/cdo-web/>*
- *The maps of the departures from normal on precipitation and temperature are obtained from the Midwestern Regional Climate Center.*
- *Data records for Springfield go from January 1st of 1888 through current.*
- *Data records for Joplin go from January 1st of 1902 through current.*
- *Data records for West Plains go from July 1 of 1948 through September 27th of 1996 and for the ASOS from September 28th of 1996 through current.*
- *Data records for Vichy go from May 1 of 1897 through current.*