

Champaign-Urbana Weather Highlights - September 2009

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Temperatures for September were slightly above normal. The average high temperature of 76.4°F was 1.2°F below normal. Meanwhile, the average low temperature of 57.0°F was 2.4°F above normal. As a result, the average mean temperature of 66.7°F was 0.6°F above normal.

Precipitation for September was 0.80 inches, 2.42 inches below normal. While this was the 12th driest September on record, it was far from the record of 0.06 inches set in September 1891.

Additional Information

Additional information for September can be found at the Illinois Climate Network site that is collocated with our cooperative weather observer site at http://www.sws.uiuc.edu/warm/data/2009/September/Champaign.txt.

For detailed rainfall reports, check out the new volunteer raingage network in Illinois called the Community Collaborative Rain, Hail and Snow Network (CoCoRaHS) at http://www.cocorahs.com/.

For more information on the climate of Illinois, visit the web site at http://www.isws.illinois.edu/atmos/statecli/.

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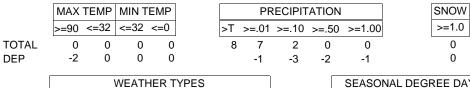
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Illinois State Water Survey Water Survey Research Center

September 2009

	TEM	PERA	TURE	PRECIP (in)	SNOW (in)		WEATHER	WIND		DEGREE		DAYS	
DATE			Mean			Depth	TYPES	Dir	Speed (mph)	Peak Gust Gust Dir	Heat	Cool	Corn
1	73	50	62	0.00	0.0	0			М	M	3	0	12
2	76	52	64	0.00	0.0	0			M	M	1	0	14
3	81	57	69	0.00	0.0	0			M	M	0	4	19
4	80	59	70	0.00	0.0	0			M	M	0	5	20
5	75	59	67	0.00	0.0	0			M	M	0	2	17
6	78	63	71	0.05	0.0	0	RW-,F(PM)		M	M	0	6	21
7	79	60	70	0.00	0.0	0			M	M	0	5	20
8	79	59	69	0.00	0.0	0	F(AM)		M	M	0	4	19
9	77	62	70	0.00	0.0	0	F(AM)		M	M	0	5	20
10	82	61	72	0.00	0.0	0	F(AM)		M	M	0	7	22
11	81	61	71	0.00	0.0	0			M	M	0	6	21
12	80	57	69	0.00	0.0	0			M	M	0	4	19
13	79	56	68	0.00	0.0	0			M	M	0	3	18
14	82	55	69	0.00	0.0	0			M	M	0	4	19
15	83	59	71	0.00	0.0	0			M	M	0	6	21
16	81	58	70	0.00	0.0	0			M	M	0	5	20
17	77	52	65	0.00	0.0	0			M	M	0	0	15
18	79	51	65	0.00	0.0	0			M	M	0	0	15
19	80	57	69	0.00	0.0	0			M	M	0	4	19
20	71	57	64	0.00	0.0	0			M	M	1	0	14
21	80	62	71	0.16	0.0	0			M	M	0	6	21
22	78	65	72	0.01	0.0	0	mist, F(AM)		M	M	0	7	22
23	80	63	72	0.40	0.0	0	RW-,RW+,F(AM)		M	M	0	7	22
24	69	64	67	0.04	0.0	0	RW-,F(AM)		M	M	0	2	17
25	65	59	62	0.07	0.0	0	RW-		M	M	3	0	12
26	75	56	66	0.07	0.0	0	RW-,F(AM)		М	M	0	1	16
27	77	50	64	Т	0.0	0	RW-,F(AM)		М	M	1	0	14
28	66	51	59	0.00	0.0	0			М	M	6	0	9
29	64	49	57	0.00	0.0	0			М	M	8	0	7
30	65	47	56	0.00	0.0	0			М	M	9	0	8
AVG/TOT	76.4	57.0	66.7	0.80	0.0						32	93	513
DEP.	-1.2	+2.4	+0.6	-2.42	0.0			SW			-52	-23	+12

NUMBER OF DAYS and DEPARTURE



L S Ζ ΙP Α Т F BS TOTAL 6 0 0 0 0 0 8 0 0 -4 +3 DEP -4 -3 0 0

SEASONAL DEGREE DAYS								
HEATING	COOLING	CORN						
46	837	3300						
-39	-140	-6						

PRECIPITATION JAN-September 34.76 +2.73

Averages based on 1971-2000 data.

A = Hail

Temp midnight-midnight, Precip and Snow at 7 am LST

M = Missing

WEATHER TYPES:

R = Rain

L = Drizzle

S = Snow

Z = Freezing rain/drizzle D = DustIP = Ice pellets (sleet)

H = Haze BS = Blowing snow

PRECIP INTENSITY - Light Precip amount "T" =Trace Moderate

+ Heavy

RW = Rainshower SW = Snowshower T = ThunderF = Fog

DEGREE DAYS Heat and Cool base 65F. Corn Growing base 50F, ceiling 86F. Heating DD season July-June. Cool and Corn DD season January-December.