

Champaign-Urbana Weather Highlights - October 2009

Jim Angel, State Climatologist

Temperatures for October were below normal. The average high temperature of 58.0° F was 7.2° F below normal and the 4^{th} coolest on record. The average low temperature of 41.5° F was 1.8° F below normal and the 25^{th} coolest on record. The average mean temperature of 49.8° F was 4.5° F below normal and the 10^{th} coolest on record.

Precipitation for October was 8.79 inches, 5.98 inches above normal. This was the 2nd wettest October on record. The wettest October on record was 1941 with 9.01 inches. The January-October precipitation total was 43.55 inches, 8.71 inches above normal and the 5th wettest on record.

Climatological normal is defined as the 30-year average from 1971 to 2000 and is updated every 10 years.

Additional Information

Additional information for October 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/October/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/.

Contact Information: 2204 Griffith Drive Champaign, IL 61820-7495 Phone: 217-333-0729

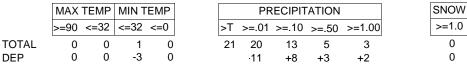
Email: jimangel@illinois.edu

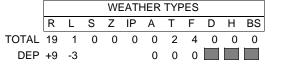
Illinois State Water Survey Water Survey Research Center

October 2009

Water Surve	ey Rese	arch (enter				October 2009					
	TEM	PERA	TURE	PRECIP (in)	SNC)W (in)	WEATHER		W	ND	DEG	REE DAYS
DATE	Max	Min	Mean	, , , , ,		Depth	TYPES		Speed (mph)	Peak Gust Gust Dir	Heat	Cool
1	60	43	52	0.00	0.0	0			М	М	13	0
2	59	46	53	1.00	0.0	0	RW-,RW+,T,A		М	M	12	0
3	54	45	50	0.01	0.0	0	RW-		М	M	15	0
4	63	40	52	0.01	0.0	0	RW-		М	M	13	0
5	67	42	55	0.00	0.0	0			М	M	10	0
6	66	47	57	0.25	0.0	0	TRW-		М	M	8	0
7	63	41	52	0.04	0.0	0	RW-		М	M	13	0
8	52	45	49	0.20	0.0	0	RW		М	M	16	0
9	52	40	46	1.97	0.0	0	RW+,RW-,RW,F(A		М	M	19	0
10	55	33	44	0.45	0.0	0	RW-,RW,F(AM)		М	M	21	0
11	50	35	43	0.00	0.0	0			М	M	22	0
12	57	38	48	0.10	0.0	0	RW-		М	M	17	0
13	52	40	46	0.01	0.0	0	RW-		М	M	19	0
14	47	40	44	0.34	0.0	0	RW-,RW		М	M	21	0
15	43	39	41	0.33	0.0	0	RW-,RW		М	M	24	0
16	47	38	43	0.07	0.0	0	RW-		М	M	22	0
17	50	39	45	T	0.0	0	RW-		М	M	20	0
18	57	31	44	0.00	0.0	0			М	M	21	0
19	68	36	52	0.00	0.0	0			М	M	13	0
20	72	42	57	0.00	0.0	0			М	M	8	0
21	70	47	59	0.00	0.0	0			M	M	6	0
22	63	49	56	0.00	0.0	0			М	M	9	0
23	62	43	53	1.86	0.0	0	RW+		М	M	12	0
24	55	38	47	0.05	0.0	0	RW-		М	M	18	0
25	68	42	55	0.00	0.0	0			М	M	10	0
26	60	48	54	0.03	0.0	0	RW-		M	M	11	0
27	52	46	49	0.13	0.0	0	RW-,F		M	M	16	0
28	56	47	52	0.31	0.0	0	RW-,F		M	M	13	0
29	61	50	56	0.00	0.0	0			M	M	9	0
30	66	45	56	0.80	0.0	0	RW+,RW-		M	M	9	0
31	51	33	42	0.83	0.0	0	RW+,RW,RW-		М	М	23	0
AVG/TOT	58.0	41.5	49.8	8.79	0.0						463	0
DEP.	-7.2	-1.8	-4.5	+5.98	-0.1			SW			+117	-9

NUMBER OF DAYS and DEPARTURE





SEASON	AL DEGREE DAYS	DEGREE DAYS					
HEATING	COOLING						
509	837						
+78	-149						

PRECIPITATION
JAN-October
43.55
+8.71

Averages based on 1971-2000 data.

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

M = Missing

WEATHER TYPES:

R = Rain

L = Drizzle

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

BS = Blowing snow

A = HailS = Snow

PRECIP INTENSITY - Light Precip amount "T" =Trace

Moderate + Heavy

T = Thunder F = FogRW = Rainshower SW = Snowshower

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.