



<b>QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA</b> <b>(final)</b> NOAA, National Climatic Data Center Month: 10/2009											<b>Station Location: SOUTHERN ILLINOIS AIRPORT (93810)</b> <b>CARBONDALE/MURPHYBORO , IL</b> Lat. 37.780 Lon. -89.250 Elevation(Ground): 406 ft. above sea level															
Date	Temperature (Fahrenheit)						Degree Days Base 65 Degrees		Sun		Significant Weather	Snow/Ice on Ground(In)				Precipitation (In)		Pressure(inches of Hg)		Wind: Speed=mph Dir=tens of degrees					Date	
	Max.	Min.	Avg.	Dep From Normal	Avg. Dew pt.	Avg Wet Bulb	Heating	Cooling	Sunrise LST	Sunset LST		1200 UTC	1800 UTC	2400 LST	2400 LST	Avg. Station	Avg. Sea Level	Resultant Speed	Res Dir	Avg. Speed	max 5-second Speed	max 2-minute Dir				
	1	2	3	4	5	6	7	8	9	10		11	13	14	15	16	17	18	19	20	21	22	23	24		25
01	74*	50	62	M	56	59	3	0	-	-	RA VCTS	M	M	M	0.29	29.38	29.85	9.6	17	10.4	28	180	22	170	01	
02	70	49	60	M	41	51	5	0	-	-		M	M	M	0.00	29.29	29.75	11.4	24	11.9	38	220	30	240	02	
03	66	43	55	M	42	49	10	0	-	-		M	M	M	0.00	29.47	29.89	6.4	26	7.3	24	280	18	230	03	
04	62	39	51	M	44	47	14	0	-	-	FG+ FG BR	M	M	M	0.00	29.62	30.07	0.2	19	0.5	14	210	8	170	04	
05	71	40	56	M	47	51	9	0	-	-	FG+ FG BR	M	M	M	0.00	29.54	30.01	2.1	12	2.5	14	110	10	080	05	
06	68	56	62	M			3	0	-	-	TSRA RA BR	M	M	M	0.41	29.36	29.81	8.0	22	10.3	26	310	21	220	06	
07	66	43	55	M	43	49	10	0	-	-	RA	M	M	M	0.01	29.64	30.08	1.6	30	3.9	20	300	14	170	07	
08	61	53	57	M	54	55	8	0	-	-	RA FG BR	M	M	M	2.95	29.44	29.92	2.9	09	4.6	28	020	21	030	08	
09	67	49	58	M			7	0	-	-	RA BR	M	M	M	1.01	29.47	29.91	3.9	31	8.4	25	300	20	320	09	
10	61	40	51	M	40	45	14	0	-	-	BR	M	M	M	0.00	29.78	30.20	4.4	35	4.9	17	030	14	340	10	
11	59	39	49	M	38	43	16	0	-	-		M	M	M	0.00	29.82	30.28	4.3	03	5.4	16	040	13	040	11	
12	65	45	55	M	47	51	10	0	-	-	RA BR	M	M	M	0.01	29.68	30.14	1.6	34	4.2	23	110	17	110	12	
13	54	49	52	M	44	48	13	0	-	-	RA BR HZ	M	M	M	0.02	29.75	30.22	7.1	04	7.9	18	040	14	040	13	
14	51	47	49	M			16	0	-	-	RA DZ BR	M	M	M	0.68	29.52	30.00	5.1	04	5.7	18	070	13	050	14	
15	51	47	49	M	46	48	16	0	-	-	RA BR HZ	M	M	M	0.24	29.46	29.90	6.2	35	6.7	17	330	14	320	15	
16	50	44	47	M	40	43	18	0	-	-	RA	M	M	M	T	29.67	30.09	8.3	34	8.5	20	340	15	360	16	
17	55	35	45	M	37	41	20	0	-	-		M	M	M	0.01	29.88	30.31	5.7	34	6.1	24	010	17	010	17	
18	59	30*	45*	M	33	39	20	0	-	-	BR	M	M	M	0.00	29.86	30.34	2.7	18	3.2	15	240	12	210	18	
19	67	38	53	M	39	47	12	0	-	-		M	M	M	0.00	29.68	30.16	11.6	19	11.8	30	200	24	200	19	
20	71	47	59	M	46	52	6	0	-	-		M	M	M	0.00	29.68	30.13	9.9	19	10.2	28	190	23	190	20	
21	67	42	55	M	46	51	10	0	-	-		M	M	M	0.00	29.64	30.11	4.6	17	5.2	17	200	13	210	21	
22	67	57	62	M	56	58	3	0	-	-	RA BR	M	M	M	1.36	29.31	29.82	7.3	14	8.0	22	140	17	150	22	
23	68	48	58	M	51	55	7	0	-	-	RA BR	M	M	M	0.12	29.21	29.64	8.6	25	10.9	39	150	26	160	23	
24	62	43	53	M	39	46	12	0	-	-		M	M	M	0.00	29.45	29.87	6.0	23	8.0	23	290	17	260	24	
25	69	43	56	M	42	49	9	0	-	-		M	M	M	0.00	29.59	30.02	6.0	17	6.4	18	150	15	180	25	
26	70	45	58	M	47	52	7	0	-	-	RA	M	M	M	T	29.60	30.05	0.7	24	5.3	16	340	13	190	26	
27	55	52	54	M	51	53	11	0	-	-	RA BR	M	M	M	0.85	29.38	29.86	3.2	04	3.8	13	050	10	060	27	
28	59	46	53	M	51	53	12	0	-	-	BR	M	M	M	T	29.54	29.98	2.7	14	3.0	12	200	10	200	28	
29	68	43	56	M	55	56	9	0	-	-	RA FG+ FG BR	M	M	M	0.44	29.42	29.90	7.7	13	8.4	26	160	18	160	29	
30	73	52	63*	M			2	0	-	-	RA	M	M	M	1.41	29.28	29.71	11.0	19	13.2	41	170	30	170	30	
31	59	38	49	M	38	45	16	0	-	-		M	M	M	0.00	29.58	29.99	4.7	26	5.8	18	320	13	310	31	
63.4 44.9 54.2 M M 10.6 0.0 <-----Monthly Averages   Totals----->											M	M	9.82s	29.55	30.00	1.7	21	6.9	<Monthly Average							
M M M <-----Departure From Normal----->											M															
<b>Degree Days</b> Monthly Season to Date Total Departure Total Departure Heating: 328 M M M Cooling: 0 M											Greatest 24-hr Precipitation: 3.44s Date: 08-09 Greatest 24-hr Snowfall: M Date: M Greatest Snow Depth: M Date: M					Sea Level Pressure Date Time (LST) Maximum 30.45 18 0922 Minimum 29.45 23 0101					Max Temp >=90: 0 Max Temp <=32: 0 Thunderstorms : 1 Min Temp <=32: 1 Min Temp <=0 : 0 Heavy Fog : 3 Precipitation >=.01 inch: 15 Precipitation >=.10 inch: : M Snowfall >=1.0 inch : M					
* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.																				<b>Data Version: VER2</b>						

<b>QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA</b> <b>(final)</b> NOAA, National Climatic Data Center Month: 11/2009											<b>Station Location: SOUTHERN ILLINOIS AIRPORT (93810)</b> <b>CARBONDALE/MURPHYBORO , IL</b> Lat. 37.780 Lon. -89.250 Elevation(Ground): 406 ft. above sea level															
Date	Temperature (Fahrenheit)						Degree Days Base 65 Degrees		Sun		Significant Weather	Snow/Ice on Ground(In)				Precipitation (In)		Pressure(inches of Hg)		Wind: Speed=mph Dir=tens of degrees						Date
	Max.	Min.	Avg.	Dep From Normal	Avg. Dew pt.	Avg Wet Bulb	Heating	Cooling	Sunrise LST	Sunset LST		1200 UTC	1800 UTC	2400 LST	2400 LST	Avg. Station	Avg. Sea Level	Resultant Speed	Res Dir	Avg. Speed	max 5-second		max 2-minute			
	1	2	3	4	5	6	7	8	9	10		11	13	14	15	16	17	18	19	20	21	22	23	24	25	
01	61	33	47	M	35	42	18	0	-	-	SN FG+ BR	M	M	M	T	29.75	30.21	1.2	13	1.6	10	150	8	140	01	
02	72	39	56	M	41	48	9	0	-	-		M	M	M	0.00	29.75	30.19	2.1	28	6.6	18	350	15	340	02	
03	58	38	48	M	29	41	17	0	-	-		M	M	M	0.00	29.88	30.34	3.2	36	4.0	16	030	13	360	03	
04	70	42	56	M	33	45	9	0	-	-		M	M	M	0.00	29.81	30.25	5.8	28	8.0	28	320	21	320	04	
05	61	35	48	M	34	41	17	0	-	-		M	M	M	0.00	29.93	30.39	0.7	31	2.0	15	350	12	340	05	
06	69	40	55	M	37	47	10	0	-	-		M	M	M	0.00	29.68	30.17	9.3	17	9.8	26	200	22	200	06	
07	74	56	65*	M	49	55	0	0	-	-		M	M	M	0.00	29.57	30.03	14.4	20	14.5	29	190	23	190	07	
08	74*	51	63	M	50	55	2	0	-	-		M	M	M	0.00	29.72	30.16	6.8	20	7.0	20	200	15	210	08	
09	72	50	61	M	52	55	4	0	-	-	BR	M	M	M	0.00	29.82	30.26	0.8	14	1.2	9	170	8	180	09	
10	73	49	61	M	51	55	4	0	-	-	BR	M	M	M	0.00	29.80	30.25	5.9	35	6.7	23	350	18	350	10	
11	65	38	52	M	34	44	13	0	-	-		M	M	M	0.00	29.81	30.27	6.6	01	7.0	20	020	14	040	11	
12	61	30	46	M	33	40	19	0	-	-		M	M	M	0.00	29.65	30.13	1.3	08	1.9	15	110	10	090	12	
13	65	33	49	M	37	43	16	0	-	-		M	M	M	0.00	29.44	29.92	4.4	18	4.8	16	160	13	170	13	
14	69	41	55	M	45	50	10	0	-	-		M	M	M	0.00	29.44	29.89	5.8	18	6.1	17	160	15	190	14	
15	64	48	56	M	53	55	9	0	-	-	FG+ BR HZ	M	M	M	0.00	29.54	29.98	0.4	01	1.6	10	220	8	330	15	
16	60	50	55	M	52	53	10	0	-	-	RA BR	M	M	M	0.58	29.44	29.90	2.4	11	5.2	22	120	16	120	16	
17	51	42	47	M	43	46	18	0	-	-	RA BR	M	M	M	0.01	29.43	29.88	6.4	20	8.7	21	190	16	190	17	
18	47	44	46	M	42	44	19	0	-	-	RA BR	M	M	M	0.12	29.57	30.00	8.9	19	9.3	22	200	17	200	18	
19	57	38	48	M	41	45	17	0	-	-	FG BR	M	M	M	0.00	29.68	30.12	5.3	21	5.6	18	190	14	220	19	
20	65	35	50	M	41	45	15	0	-	-	FG+ FG BR	M	M	M	0.00	29.70	30.16	1.0	19	1.2	10	250	8	240	20	
21	67	36	52	M	40	46	13	0	-	-	FG BR	M	M	M	0.00	29.66	30.12	1.5	12	1.5	14	140	9	130	21	
22	62	37	50	M	40	44	15	0	-	-	BR	M	M	M	0.00	29.62	30.08	3.3	09	3.5	15	090	12	090	22	
23	54	40	47	M	46	48	18	0	-	-	RA BR	M	M	M	T	29.63	30.09	2.7	17	2.8	10	150	8	190	23	
24	61	46	54	M	47	50	11	0	-	-	RA BR	M	M	M	0.31	29.49	29.97	8.6	19	10.6	36	150	28	170	24	
25	58	37	48	M	34	42	17	0	-	-		M	M	M	0.00	29.53	29.98	7.4	26	8.8	25	320	20	300	25	
26	45	30	38*	M	30	36	27	0	-	-		M	M	M	T	29.62	30.06	6.6	29	7.2	25	280	18	300	26	
27	54	28*	41	M	29	36	24	0	-	-		M	M	M	0.00	29.59	30.06	4.9	20	5.9	15	170	12	190	27	
28	68	39	54	M	37	46	11	0	-	-		M	M	M	0.00	29.46	29.93	10.3	20	10.4	24	190	21	200	28	
29	57	45	51	M	43	47	14	0	-	-	RA HZ	M	M	M	0.03	29.44	29.89	7.2	22	11.2	28	300	22	310	29	
30	48	31	40	M	30	37	25	0	-	-		M	M	M	0.01s	29.65	30.10	6.1	33	8.3	24	340	18	340	30	
62.1	40.0	51.1			40.3	46.0	13.7	0.0	<-----Monthly Averages   Totals----->			M	M	M	1.06s	29.64	30.11	2.6	21	6.1	<Monthly Average					
M	M	M			<-----Departure From Normal----->						M															
<b>Degree Days</b> Monthly Season to Date Heating: 411 M M M Cooling: 0 M											Greatest 24-hr Precipitation: 0.58 Date: 16-17 Greatest 24-hr Snowfall: M Date: M Greatest Snow Depth: M Date: M					Sea Level Pressure Date Time (LST) Maximum 30.49 05 1007 Minimum 29.80 29 1459					Max Temp >=90: 0 Max Temp <=32: 4 Thunderstorms : 3 Min Temp <=32: 4 Min Temp <=0 : 0 Heavy Fog : 3 Precipitation >=.01 inch: 6 Precipitation >=.10 inch: Snowfall >=1.0 inch : M					
* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.																					<b>Data Version: VER2</b>					

<b>QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA</b> <b>(final)</b> <b>NOAA, National Climatic Data Center</b> <b>Month: 12/2009</b>											<b>Station Location: SOUTHERN ILLINOIS AIRPORT (93810)</b> <b>CARBONDALE/MURPHYBORO , IL</b> Lat. 37.780 Lon. -89.250 Elevation(Ground): 406 ft. above sea level															
Date	Temperature (Fahrenheit)						Degree Days Base 65 Degrees		Sun		Significant Weather	Snow/Ice on Ground(In)				Precipitation (In)		Pressure(inches of Hg)		Wind: Speed=mph Dir=tens of degrees					Data	
	Max.	Min.	Avg.	Dep From Normal	Avg. Dew pt.	Avg Wet Bulb	Heating	Cooling	Sunrise LST	Sunset LST		1200 UTC	1800 UTC	2400 LST	2400 LST	Avg. Station	Avg. Sea Level	Resultant Speed	Res Dir	Avg. Speed	max 5-second Speed	max 2-minute Dir	max 2-minute Speed	max 2-minute Dir		
	1	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	19	20	21	22	23		24
01	53	30	42	M	30	37	23	0	-	-		M	M	M	0.00	29.52	30.01	5.3	18	6.0	20	190	16	190	01	
02	44	35	40	M	35	38	25	0	-	-	RA BR HZ	M	M	M	0.81	29.21	29.66	8.3	34	10.0	31	330	24	320	02	
03	41	28	35	M	23	31	30	0	-	-		M	M	M	0.00	29.67	30.09	7.7	31	7.9	24	310	17	310	03	
04	35	21	28	M	18	25	37	0	-	-	BR	M	M	M	0.00	29.80	30.25	1.8	27	2.4	14	250	10	290	04	
05	39	18	29	M	17	24	36	0	-	-	BR HZ	M	M	M	0.00	29.76	30.23	2.3	19	2.8	13	220	10	170	05	
06	39	22	31	M	21	28	34	0	-	-	RA SN	M	M	M	0.04	29.75	30.22	5.7	15	5.9	16	160	13	170	06	
07	45	33	39	M	31	35	26	0	-	-		M	M	M	0.03	29.77	30.22	2.0	25	5.8	15	250	12	220	07	
08	50	35	43	M	38	39	22	0	-	-	RA BR	M	M	M	0.76	29.18	29.74	3.4	10	8.7	31	230	24	240	08	
09	50	22	36	M	19	28	29	0	-	-		M	M	M	T	29.28	29.69	16.7	26	17.7	45	250	33	260	09	
10	31	14*	23*	M	8	19	42	0	-	-		M	M	M	0.00	29.80	30.21	6.8	27	8.1	23	290	16	280	10	
11	40	19	30	M	14	24	35	0	-	-		M	M	M	0.00	29.94	30.39	4.7	19	5.1	17	220	14	210	11	
12	44	25	35	M	21	31	30	0	-	-	RA	M	M	M	0.02	29.72	30.22	6.2	16	6.4	22	170	18	170	12	
13	54	39	47	M	39	42	18	0	-	-	RA BR	M	M	M	0.23	29.54	30.01	5.7	19	7.3	31	150	25	150	13	
14	56*	38	47	M	42	45	18	0	-	-		M	M	M	0.00	29.53	29.95	7.9	22	13.3	33	210	25	210	14	
15	38	22	30	M	20	26	35	0	-	-		M	M	M	0.00	30.02	30.44	10.4	34	10.5	25	330	18	340	15	
16	38	18	28	M	16	24	37	0	-	-		M	M	M	0.00	30.04	30.52	2.2	15	3.0	10	180	8	140	16	
17	50	24	37	M	22	30	28	0	-	-		M	M	M	0.00	29.75	30.27	4.3	16	4.5	16	170	14	160	17	
18	50	30	40	M	29	35	25	0	-	-		M	M	M	T	29.41	29.91	1.7	32	3.4	17	310	14	320	18	
19	37	31	34	M	29	32	31	0	-	-	SN BR UP HZ	M	M	M	0.02	29.57	29.99	11.4	31	11.5	29	310	21	320	19	
20	32	27	30	M	24	28	35	0	-	-	BR HZ	M	M	M	0.00	29.71	30.17	6.1	23	8.0	18	210	15	200	20	
21	38	26	32	M	27	30	33	0	-	-	BR HZ	M	M	M	0.00	29.72	30.19	1.0	16	2.1	8	120	7	110	21	
22	47	31	39	M	35	37	26	0	-	-	RA BR HZ	M	M	M	0.02	29.62	30.09	5.1	13	5.6	14	180	12	160	22	
23	54	45	50	M	43	47	15	0	-	-	RA BR	M	M	M	0.21	29.52	29.99	9.4	14	9.7	24	150	18	170	23	
24	54	47	51*	M	46	48	14	0	-	-	RA BR	M	M	M	2.23	29.15	29.68	12.0	11	12.8	38	120	31	120	24	
25	54	26	40	M	25	31	25	0	-	-	RA SN BR	M	M	M	0.35	29.21	29.64	18.5	21	19.4	43	220	32	230	25	
26	37	28	33	M	20	29	32	0	-	-		M	M	M	0.00	29.42	29.85	13.7	23	14.5	37	230	30	220	26	
27	33	24	29	M	18	26	36	0	-	-	SN	M	M	M	T	29.59	30.03	8.1	27	9.8	26	290	21	290	27	
28	42	21	32	M	21	28	33	0	-	-		M	M	M	0.00	29.80	30.24	6.9	29	9.5	23	340	17	350	28	
29	35	26	31	M	19	26	34	0	-	-		M	M	M	0.00	29.96	30.42	3.3	05	5.9	18	360	15	010	29	
30	41	30	36	M	29	33	29	0	-	-	RA SN BR UP	M	M	M	0.03	29.62	30.13	5.3	18	6.1	22	200	17	210	30	
31	41	22	32	M	30	33	33	0	-	-		M	M	M	T	29.72	30.15	7.3	32	8.7	23	330	17	340	31	
<----Monthly Averages   Totals---->												M	M	4.75s	29.62	30.11	2.7	23	8.1	<Monthly Average						
<-----Departure From Normal----->												M														
<b>Degree Days</b> Monthly Season to Date Total Departure Total Departure Heating: 906 M M M Cooling: 0 M											Greatest 24-hr Precipitation: 2.27s Date: 24-25 Greatest 24-hr Snowfall: M Date: M Greatest Snow Depth: M Date: M					Sea Level Pressure Date Time (LST) Maximum 30.63 16 0959 Minimum 29.25 09 0214					Max Temp >=90: 0 Max Temp <=32: 2 Thunderstorms : 0 Min Temp <=32: 24 Min Temp <=0 : 0 Heavy Fog : 0 Precipitation >=.01 inch: 12 Precipitation >=.10 inch: : M Snowfall >=1.0 inch : M					
* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.																				<b>Data Version: VER2</b>						

<b>QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA</b> <b>(final)</b> <b>NOAA, National Climatic Data Center</b> <b>Month: 01/2010</b>											<b>Station Location: SOUTHERN ILLINOIS AIRPORT (93810)</b> <b>CARBONDALE/MURPHYBORO , IL</b> Lat. 37.780 Lon. -89.250 Elevation(Ground): 406 ft. above sea level															
Date	Temperature (Fahrenheit)						Degree Days Base 65 Degrees		Sun		Significant Weather	Snow/Ice on Ground(In)				Precipitation (In)		Pressure(inches of Hg)		Wind: Speed=mph Dir=tens of degrees					Date	
	Max.	Min.	Avg.	Dep From Normal	Avg. Dew pt.	Avg Wet Bulb	Heating	Cooling	Sunrise LST	Sunset LST		1200 UTC	1800 UTC	2400 LST	2400 LST	Avg. Station	Avg. Sea Level	Resultant Speed	Res Dir	Avg. Speed	max 5-second Speed	max 2-minute Dir				
	1	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	19	20	21	22	23		24
01	27	16	22	M	11	19	43	0	-	-	SN	M	M	M	T	29.96	30.43	10.5	33	10.3	24	320	18	340	01	
02	22	10	16	M	7	14	49	0	-	-		M	M	M	0.00	30.03	30.50	7.2	34	7.9	23	340	18	340	02	
03	21	10	16	M	3	12	49	0	-	-		M	M	M	0.00	29.98	30.47	7.3	36	7.7	16	350	13	340	03	
04	22	7	15	M	4	12	50	0	-	-		M	M	M	0.00	29.93	30.42	8.6	32	8.7	21	320	16	330	04	
05	25	7	16	M	4	13	49	0	-	-		M	M	M	0.00	29.90	30.38	6.6	31	6.9	20	330	13	340	05	
06	32	8	20	M	9	18	45	0	-	-	SN BR	M	M	M	0.06	29.78	30.29	2.2	21	3.9	16	200	13	200	06	
07	27	11	19	M	9	16	46	0	-	-	SN BR UP BLSN	M	M	M	0.10	29.70	30.17	10.9	28	12.1	30	280	22	300	07	
08	15	8	12	M	4	11	53	0	-	-	SN	M	M	M	T	29.98	30.43	10.0	30	10.2	26	270	16	290	08	
09	M	M	M	M	M	M	M	M	M	M	SN HZ	M	M	M	T	30.12	M	5.4	32	5.6	16	320	13	310	09	
10	24	-5*	10*	M	4	11	55	0	-	-	BR	M	M	M	0.00	30.05	30.56	5.2	19	5.4	21	210	17	190	10	
11	35	21	28	M	16	23	37	0	-	-		M	M	M	T	29.85	30.32	5.0	27	10.3	24	220	18	220	11	
12	32	13	23	M	15	20	42	0	-	-	BR	M	M	M	0.00	30.02	30.49	4.0	33	4.2	16	320	12	330	12	
13	43	10	27	M	20	26	38	0	-	-	BR	M	M	M	0.00	29.83	30.32	7.6	19	7.9	23	200	18	200	13	
14	50	30	40	M	28	35	25	0	-	-		M	M	M	0.00	29.73	30.20	10.1	20	10.2	23	190	17	190	14	
15	52	34	43	M	35	40	22	0	-	-	FG BR HZ	M	M	M	0.00	29.81	30.26	0.8	30	3.5	16	230	12	220	15	
16	45	35	40	M	37	39	25	0	-	-	RA FG BR HZ	M	M	M	T	29.63	30.13	4.2	04	4.8	13	020	12	030	16	
17	44	30	37	M	33	36	28	0	-	-	RA FG BR	M	M	M	T	29.44	29.90	7.7	33	7.9	21	330	17	340	17	
18	53	32	43	M	35	37	22	0	-	-	FG+ FG BR	M	M	M	0.00	29.54	30.00	0.8	20	2.9	8	180	7	160	18	
19	52	30	41	M	37	39	24	0	-	-	RA FG BR HZ	M	M	M	T	29.47	29.93	2.5	05	3.3	20	080	9	040	19	
20	56	40	48	M	47	48	17	0	-	-	RA FG+ FG BR	M	M	M	0.35	29.27	29.75	4.0	11	5.0	25	120	20	120	20	
21	54	38	46	M	45	46	19	0	-	-	RA FG+ FG BR	M	M	M	0.22	29.15	29.59	5.0	03	9.3	21	320	17	320	21	
22	42	36	39	M	36	38	26	0	-	-	BR	M	M	M	0.13s	29.45	29.89	3.6	34	6.8	22	330	16	330	22	
23	56*	41	49*	M	44	46	16	0	-	-	TS RA BR VCTS	M	M	M	0.04	29.20	29.69	11.4	15	12.9	35	140	25	140	23	
24	55	35	45	M	42	45	20	0	-	-	RA BR	M	M	M	0.17	29.01	29.46	7.6	23	12.1	39	130	28	170	24	
25	37	33	35	M	24	32	30	0	-	-	SN	M	M	M	0.05	29.21	29.63	10.8	26	11.0	31	240	22	240	25	
26	35	22	29	M	16	25	36	0	-	-	SN	M	M	M	T	29.67	30.07	6.7	29	7.4	28	260	18	300	26	
27	40	21	31	M	25	30	34	0	-	-	RA PL UP	M	M	M	0.04	29.80	30.24	4.9	19	5.1	17	200	13	200	27	
28	37	21	29	M	16	23	36	0	-	-		M	M	M	0.00	30.01	30.45	9.9	35	10.9	24	330	20	330	28	
29	23	19	21	M	13	19	44	0	-	-	SN BR	M	M	M	0.10	29.83	30.33	9.3	04	9.7	22	030	16	050	29	
30	28	7	18	M	12	19	47	0	-	-	SN FZFG BR HZ	M	M	M	0.08	29.72	30.19	7.8	35	8.2	18	330	16	340	30	
31	38	1	20	M	10	17	45	0	-	-	BR HZ	M	M	M	0.00	29.86	30.32	0.2	19	0.8	6	170	6	160	31	
	37.4	20.7	29.1		21.4	27.0	35.7	0.0	<-----Monthly Averages   Totals----->			M	M	1.34s	29.70	30.15	2.6	31	7.5	<Monthly Average						
	M	M	M	<-----Departure From Normal----->								M														
<b>Degree Days</b> Monthly Season to Date Total Departure Total Departure Heating: 1072 M M M Cooling: 0 M											Greatest 24-hr Precipitation: 0.35 Date: 20 Greatest 24-hr Snowfall: M Date: M Greatest Snow Depth: M Date: M					Sea Level Pressure Date Time (LST) Maximum 30.70 10 1012 Minimum 29.27 24 0130					Max Temp >=90: M Max Temp <=32: M Thunderstorms : M Min Temp <=32: M Min Temp <=0 : M Heavy Fog : 3 Precipitation >=.01 inch: 8s Precipitation >=.10 inch: M Snowfall >=1.0 inch : M					
* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.																				<b>Data Version: VER2</b>						

<b>QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA</b> (final) NOAA, National Climatic Data Center Month: 02/2010											Station Location: <b>SOUTHERN ILLINOIS AIRPORT (93810)</b> <b>CARBONDALE/MURPHYBORO , IL</b> Lat. 37.780 Lon. -89.250 Elevation(Ground): 406 ft. above sea level																					
Date	Temperature (Fahrenheit)						Degree Days Base 65 Degrees		Sun		Significant Weather	Snow/Ice on Ground(In)				Precipitation (In)		Pressure(inches of Hg)		Wind: Speed=mph Dir=tens of degrees					Date							
	Max.	Min.	Avg.	Dep From Normal	Avg. Dew pt.	Avg Wet Bulb	Heating	Cooling	Sunrise LST	Sunset LST		1200 UTC	1800 UTC	2400 LST	2400 LST	Avg. Station	Avg. Sea Level	Resultant Speed	Res Dir	Avg. Speed	max 5-second Speed	max 2-minute Dir										
	1	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	19	20	21	22	23		24	25	26				
01	41	11*	26	M	17	24	39	0	-	-	BR	M	M	M	0.00	29.75	30.23	2.2	13	2.5	9	120	9	100	01							
02	40	29	35	M	26	32	30	0	-	-		M	M	M	0.00	29.67	30.13	3.8	27	4.5	18	310	14	320	02							
03	39	24	32	M	22	28	33	0	-	-	HZ	M	M	M	0.00	29.86	30.31	3.1	36	3.9	17	350	14	340	03							
04	38	29	34	M	28	32	31	0	-	-	RA BR HZ	M	M	M	0.17	29.72	30.20	6.0	07	6.4	14	090	12	100	04							
05	40	33	37	M	34	35	28	0	-	-	RA SN BR	M	M	M	0.72	29.27	29.77	6.4	01	8.1	21	350	16	340	05							
06	35	29	32	M	25	30	33	0	-	-	SN BR	M	M	M	0.01	29.60	30.02	13.6	35	13.8	32	360	25	350	06							
07	35	23	29	M	21	26	36	0	-	-		M	M	M	0.00	29.70	30.14	2.6	05	2.9	12	070	10	020	07							
08	35	27	31	M	24	28	34	0	-	-	SN BR	M	M	M	0.10	29.60	30.08	4.5	08	4.8	13	080	9	070	08							
09	30	16	23	M	14	20	42	0	-	-	SN BR	M	M	M	0.03	29.54	30.00	10.9	30	11.5	29	300	22	300	09							
10	33	21	27	M	19	25	38	0	-	-		M	M	M	0.00	29.74	30.18	10.4	30	10.5	28	280	20	310	10							
11	38	16	27	M	17	24	38	0	-	-		M	M	M	0.00	29.70	30.17	0.9	33	1.5	9	260	7	350	11							
12	37	21	29	M	22	27	36	0	-	-	SN	M	M	M	T	29.58	30.05	1.3	35	1.4	8	350	7	360	12							
13	38	29	34	M	24	29	31	0	-	-	BR HZ	M	M	M	T	29.55	30.03	0.9	04	2.9	12	280	8	330	13							
14	34	23	29	M	26	29	36	0	-	-	SN BR	M	M	M	0.06	29.44	29.91	2.6	32	7.0	33	300	23	300	14							
15	26	17	22*	M	15	21	43	0	-	-	SN FZFG	M	M	M	0.01	29.52	29.97	8.6	30	8.9	26	290	21	300	15							
16	33	24	29	M	19	25	36	0	-	-	SN	M	M	M	T	29.60	30.06	8.3	28	8.7	18	320	14	300	16							
17	37	23	30	M	17	26	35	0	-	-		M	M	M	0.00	29.64	30.09	7.6	30	7.8	22	300	17	300	17							
18	46	23	35	M	20	28	30	0	-	-		M	M	M	0.02s	29.72	30.17	2.2	31	3.2	15	320	13	320	18							
19	51	21	36	M	22	31	29	0	-	-	RA	M	M	M	T	29.72	30.19	2.0	09	2.6	12	100	10	110	19							
20	62	38	50	M	30	40	15	0	-	-		M	M	M	0.00	29.62	30.09	2.1	17	4.1	17	250	15	240	20							
21	64*	39	52*	M	39	44	13	0	-	-	RA BR	M	M	M	0.30	29.38	29.87	2.6	15	4.7	28	200	21	190	21							
22	47	34	41	M	34	37	24	0	-	-	FG BR HZ	M	M	M	0.00	29.41	29.84	9.6	32	10.3	26	290	18	330	22							
23	39	26	33	M	23	29	32	0	-	-		M	M	M	0.00	29.55	29.99	6.9	31	7.5	23	330	18	340	23							
24	33	22	28	M	15	24	37	0	-	-	SN	M	M	M	T	29.65	30.10	12.2	32	12.4	25	330	21	330	24							
25	38	18	28	M	17	23	37	0	-	-		M	M	M	0.00	29.72	30.18	3.4	32	4.5	14	300	12	310	25							
26	43	19	31	M	18	27	34	0	-	-	BR	M	M	M	0.00	29.64	30.11	4.9	31	5.2	22	310	15	310	26							
27	46	25	36	M	19	29	29	0	-	-		M	M	M	0.00	29.52	29.99	8.7	32	9.0	24	350	17	330	27							
28	49	26	38	M	22	31	27	0	-	-		M	M	M	0.00	29.62	30.07	4.0	33	4.7	17	320	13	330	28							
40.3											24.5	32.4	22.5		28.7	32.4	0.0	<----Monthly Averages   Totals---->					M	M	1.42s	29.61	30.10	3.8	32	6.3	<Monthly Average	
M											M	M	<-----Departure From Normal----->															M				
<b>Degree Days</b> Monthly Season to Date Total Departure Total Departure Heating: 906 M M M Cooling: 0 M											Greatest 24-hr Precipitation: 0.81s Date: 04-05 Greatest 24-hr Snowfall: M Date: M Greatest Snow Depth: M Date: M					Sea Level Pressure Date Time (LST) Maximum 30.38 03 1932 Minimum 29.64 05 1751					Max Temp >=90: 0 Max Temp <=32: 2 Thunderstorms : 0 Min Temp <=32: 24 Min Temp <=0 : 0 Heavy Fog : 0 Precipitation >=.01 inch: 9 Precipitation >=.10 inch: : M Snowfall >=1.0 inch : M											
* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.																					<b>Data Version: VER2</b>											

<b>QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA</b> <b>(final)</b> NOAA, National Climatic Data Center Month: 03/2010											<b>Station Location: SOUTHERN ILLINOIS AIRPORT (93810)</b> <b>CARBONDALE/MURPHYBORO , IL</b> Lat. 37.780 Lon. -89.250 Elevation(Ground): 406 ft. above sea level														
Date	Temperature (Fahrenheit)						Degree Days Base 65 Degrees		Sun		Significant Weather	Snow/Ice on Ground(In)				Precipitation (In)		Pressure(inches of Hg)		Wind: Speed=mph Dir=tens of degrees					Date
	Max.	Min.	Avg.	Dep From Normal	Avg. Dew pt.	Avg Wet Bulb	Heating	Cooling	Sunrise LST	Sunset LST		1200 UTC	1800 UTC	2400 LST	2400 LST	Avg. Station	Avg. Sea Level	Resultant Speed	Res Dir	Avg. Speed	max 5-second Speed	max 2-minute Dir	max 2-minute Speed	max 2-minute Dir	
	1	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	19	20	21	22	23	
01	42	30	36	M	30	34	29	0	-	-		M	M	M	0.00	29.67	30.14	5.7	01	5.8	18	020	13	020	01
02	38	28	33*	M	27	32	32	0	-	-		M	M	M	0.00	29.58	30.05	8.7	36	9.2	22	010	17	340	02
03	43	24	34	M	24	31	31	0	-	-	HZ	M	M	M	0.00	29.64	30.08	6.3	34	6.7	23	350	20	350	03
04	49	20	35	M	20	29	30	0	-	-		M	M	M	0.00	29.75	30.19	4.1	32	4.9	17	320	14	350	04
05	53	20*	37	M	21	31	28	0	-	-		M	M	M	0.00	29.85	30.30	1.6	04	1.8	15	010	10	040	05
06	58	21	40	M	20	32	25	0	-	-		M	M	M	0.00	29.86	30.33	1.2	13	1.5	12	090	8	110	06
07	66	32	49	M	31	41	16	0	-	-		M	M	M	T	29.67	30.14	5.1	19	7.3	25	210	18	200	07
08	62	36	49	M	37	43	16	0	-	-	BR HZ	M	M	M	0.00	29.56	30.04	3.4	06	5.3	14	080	12	080	08
09	58	42	50	M	47	49	15	0	-	-	RA BR HZ	M	M	M	0.11	29.29	29.77	8.6	16	9.1	33	120	26	120	09
10	73	57	65*	M	52	57	0	0	-	-	RA	M	M	M	T	29.17	29.63	13.7	18	15.0	35	190	25	180	10
11	68	47	58	M	48	53	7	0	-	-	TS TSRA RA BR VCTS	M	M	M	0.54	29.15	29.57	9.3	19	12.7	30	220	24	190	11
12	48	41	45	M	41	44	20	0	-	-	RA BR	M	M	M	0.25	29.15	29.61	3.0	30	3.8	14	340	12	330	12
13	48	43	46	M	40	43	19	0	-	-	RA BR	M	M	M	0.07	29.09	29.54	7.3	27	7.8	20	280	15	260	13
14	49	45	47	M	42	44	18	0	-	-	RA BR	M	M	M	0.02	29.37	29.77	10.2	33	10.4	26	360	21	360	14
15	49	43	46	M	39	43	19	0	-	-		M	M	M	0.00	29.69	30.10	6.4	34	6.9	20	340	16	350	15
16	59	45	52	M	40	45	13	0	-	-		M	M	M	0.00	29.73	30.18	4.8	34	5.2	15	340	12	340	16
17	61	42	52	M	40	45	13	0	-	-	HZ	M	M	M	0.00	29.65	30.11	7.8	33	7.8	20	320	15	320	17
18	64	40	52	M	40	46	13	0	-	-	BR HZ	M	M	M	0.00	29.59	30.05	3.7	31	5.2	18	300	13	310	18
19	68	38	53	M	39	46	12	0	-	-		M	M	M	0.00	29.52	M	7.3	20	8.2	25	200	18	190	19
20	64	40	52	M	42	46	13	0	-	-		M	M	M	0.00	29.47	M	2.0	35	6.0	18	330	15	330	20
21	51	42	47	M	43	45	18	0	-	-	RA BR	M	M	M	0.88	29.31	29.77	10.6	02	11.2	26	360	20	020	21
22	49	38	44	M	41	43	21	0	-	-	RA BR	M	M	M	0.48	29.38	29.81	6.3	34	8.0	21	340	16	340	22
23	68	38	53	M	40	47	12	0	-	-	BR HZ	M	M	M	0.00	29.51	29.94	4.3	21	5.3	18	290	13	210	23
24	70	41	56	M	45	50	9	0	-	-		M	M	M	0.00	29.47	29.94	5.9	19	6.7	28	200	21	190	24
25	56	35	46	M	43	46	19	0	-	-	RA BR	M	M	M	1.15	29.30	29.74	7.7	36	12.3	35	360	28	360	25
26	53	31	42	M	29	37	23	0	-	-		M	M	M	0.00	29.64	30.07	5.3	03	7.3	21	360	16	360	26
27	63	37	50	M	37	44	15	0	-	-	RA	M	M	M	0.11	29.37	29.86	7.4	14	8.8	29	250	23	250	27
28	51	46	49	M	43	46	16	0	-	-	RA	M	M	M	0.08	29.32	29.75	6.7	31	8.2	28	320	20	320	28
29	58	38	48	M	36	43	17	0	-	-		M	M	M	0.00	29.54	29.97	5.9	34	6.7	23	350	17	320	29
30	68	34	51	M	39	46	14	0	-	-		M	M	M	0.00	29.50	29.96	6.4	19	6.8	24	210	17	220	30
31	76*	50	63	M	43	53	2	0	-	-		M	M	M	0.00	29.40	29.85	18.9	20	19.0	43	200	32	210	31
	57.5	37.5	47.5		37.4	42.8	17.3	0.0	<-----Monthly Averages   Totals----->			M	M	3.69s	29.49	29.94	1.2	29	7.8	<Monthly Average					
	M	M	M		<-----Departure From Normal----->						M														
<b>Degree Days</b> Monthly Season to Date Total Departure Total Departure Heating: 535 M M M Cooling: 0 M											Greatest 24-hr Precipitation: 1.27s Date: 21-22 Greatest 24-hr Snowfall: M Date: M Greatest Snow Depth: M Date: M					Sea Level Pressure Date Time (LST) Maximum 30.43 06 0901 Minimum 29.45 11 0355					Max Temp >=90: 0 Max Temp <=32: 0 Thunderstorms : 2 Min Temp <=32: 8 Min Temp <=0 : 0 Heavy Fog : 0 Precipitation >=.01 inch: 10 Precipitation >=.10 inch: : M Snowfall >=1.0 inch : M				
* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.																					<b>Data Version: VER2</b>				

<b>QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA</b> <b>(final)</b> <b>NOAA, National Climatic Data Center</b> <b>Month: 04/2010</b>											<b>Station Location: SOUTHERN ILLINOIS AIRPORT (93810)</b> <b>CARBONDALE/MURPHYBORO , IL</b> Lat. 37.780 Lon. -89.250 Elevation(Ground): 406 ft. above sea level																
Date	Temperature (Fahrenheit)						Degree Days Base 65 Degrees		Sun		Significant Weather	Snow/Ice on Ground(In)				Precipitation (In)		Pressure(inches of Hg)		Wind: Speed=mph Dir=tens of degrees						Date	
	Max.	Min.	Avg.	Dep From Normal	Avg. Dew pt.	Avg Wet Bulb	Heating	Cooling	Sunrise LST	Sunset LST		1200 UTC	1800 UTC	2400 LST	2400 LST	Avg. Station	Avg. Sea Level	Resultant Speed	Res Dir	Avg. Speed	max 5-second		max 2-minute				
	1	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	19	20	21	22	23	24		25
01	80	58	69	M	49	58	0	4	-	-		M	M	M	0.00	29.42	29.87	13.7	19	13.4	33	200	29	190	01		
02	77	59	68	M	48	57	0	3	-	-		M	M	M	0.01	29.39	29.83	11.8	18	13.4	30	160	23	170	02		
03	71	50	61	M	48	53	4	0	-	-	RA BR	M	M	M	0.85	29.49	29.92	4.7	22	9.4	28	240	22	230	03		
04	79	49	64	M	53	59	1	0	-	-		M	M	M	0.00	29.54	29.99	12.6	19	13.3	40	190	30	200	04		
05	80	66	73	M	61	65	0	8	-	-		M	M	M	0.00	29.51	29.96	14.8	20	14.9	36	200	28	200	05		
06	78	67	73*	M	57	63	0	8	-	-		M	M	M	0.00	29.27	29.74	23.6	20	23.7	47	210	37	200	06		
07	75	58	67	M	58	62	0	2	-	-	TS RA VCTS	M	M	M	0.11	29.24	29.68	14.2	20	15.8	37	190	28	200	07		
08	60	40	50*	M	38	46	15	0	-	-		M	M	M	0.00	29.46	29.87	8.4	32	8.9	25	330	20	320	08		
09	69	36	53	M	35	45	12	0	-	-	BR	M	M	M	0.00	29.67	30.09	0.4	20	3.2	18	350	14	290	09		
10	73	44	59	M	39	49	6	0	-	-		M	M	M	0.00	29.79	30.23	7.0	18	7.5	25	170	21	170	10		
11	79	44	62	M	45	53	3	0	-	-		M	M	M	0.00	29.80	30.24	1.7	19	2.4	17	210	12	190	11		
12	80	47	64	M	46	54	1	0	-	-	BR	M	M	M	0.00	29.78	30.24	1.9	16	2.5	21	180	14	180	12		
13	84	49	67	M			0	2	-	-	BR	M	M	M	0.00	29.78	30.23	2.1	17	2.3	16	170	12	180	13		
14	85*	50	68	M	50	58	0	3	-	-		M	M	M	0.00	29.85	30.30	1.7	17	2.4	22	200	15	210	14		
15	84	54	69	M	51	59	0	4	-	-	HZ	M	M	M	0.00	29.80	30.25	5.0	21	5.4	22	230	17	220	15		
16	82	56	69	M	53	59	0	4	-	-	RA VCTS	M	M	M	0.03	29.67	30.12	4.3	28	6.7	31	340	23	350	16		
17	67	42	55	M	37	47	10	0	-	-		M	M	M	0.00	29.69	30.14	6.4	36	6.9	23	330	17	060	17		
18	67	36*	52	M	34	44	13	0	-	-		M	M	M	0.00	29.70	30.15	2.3	04	3.2	25	070	14	060	18		
19	65	38	52	M	39	47	13	0	-	-	BR	M	M	M	0.00	29.65	30.12	1.4	05	1.9	14	020	10	360	19		
20	72	46	59	M	41	50	6	0	-	-		M	M	M	0.00	29.51	29.97	3.0	32	3.5	21	300	14	320	20		
21	76	40	58	M	42	51	7	0	-	-		M	M	M	0.00	29.41	29.87	1.7	28	2.2	17	310	14	340	21		
22	75	50	63	M	52	57	2	0	-	-	RA BR HZ	M	M	M	0.06	29.38	29.82	1.9	20	3.5	20	220	16	220	22		
23	80	60	70	M			0	5	-	-	RA BR HZ	M	M	M	0.53	29.30	M	M	M	9.2	26	190	21	190	23		
24	69	57	63	M	58	61	2	0	-	-	TSRA RA BR VCTS	M	M	M	0.78	29.00	29.49	9.3	15	13.4	46	200	32	200	24		
25	61	54	58	M	51	54	7	0	-	-	RA	M	M	M	0.11	28.97	29.40	12.3	25	14.7	36	210	26	210	25		
26	64	52	58	M	48	52	7	0	-	-	RA BR	M	M	M	T	29.20	29.62	9.9	30	10.3	25	290	17	300	26		
27	65	44	55	M	44	48	10	0	-	-	RA	M	M	M	0.08	29.37	29.79	7.0	31	7.6	3s	220	3s	220	27		
28	70	40	55	M	44	50	10	0	-	-	FG+ FG BR	M	M	M	0.00	29.49	29.93	3.1	19	3.9	18	190	16	190	28		
29	79	52	66	M	50	57	0	1	-	-		M	M	M	0.00	29.26	29.74	17.3	18	17.7	43	190	35	200	29		
30	78	64	71	M	61	64	0	6	-	-	RA BR	M	M	M	1.31	29.20	29.64	16.8	18	16.9	33s	270	25	260	30		
74.1 50.1 62.1 47.6 54.4 4.3 1.7 <-----Monthly Averages   Totals----->													M	M	M	3.87s	29.49	29.92	5.0	20	8.7	<Monthly Average					
M M M <-----Departure From Normal----->													M														
<b>Degree Days</b> Monthly Season to Date Total Departure Total Departure Heating: 129 M M M Cooling: 50 M											Greatest 24-hr Precipitation: 1.31 Date: 23-24 Greatest 24-hr Snowfall: M Date: M Greatest Snow Depth: M Date: M					Sea Level Pressure Date Time (LST) Maximum 30.37 14 0955 Minimum 29.24 24 1708					Max Temp >=90: 0 Max Temp <=32: 0 Thunderstorms : 2 Min Temp <=32: 0 Min Temp <=0 : 0 Heavy Fog : 1 Precipitation >=.01 inch: 10 Precipitation >=.10 inch: Snowfall >=1.0 inch : M						
* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.																							<b>Data Version: VER2</b>				



<b>QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA</b> <b>(final)</b> <b>NOAA, National Climatic Data Center</b> <b>Month: 05/2010</b>											<b>Station Location: SOUTHERN ILLINOIS AIRPORT (93810)</b> <b>CARBONDALE/MURPHYBORO , IL</b> Lat. 37.780 Lon. -89.250 Elevation(Ground): 406 ft. above sea level																																
Date	Temperature (Fahrenheit)						Degree Days Base 65 Degrees		Sun		Significant Weather	Snow/Ice on Ground(In)				Precipitation (In)		Pressure(inches of Hg)		Wind: Speed=mph Dir=tens of degrees						Date																	
	Max.	Min.	Avg.	Dep From Normal	Avg. Dew pt.	Avg. Wet Bulb	Heating	Cooling	Sunrise LST	Sunset LST		1200 UTC	1800 UTC	2400 LST	2400 LST	Avg. Station	Avg. Sea Level	Resultant Speed	Res Dir	Avg. Speed	max 5-second		max 2-minute																				
												Depth	Water Equiv	Snow Fall	Water Equiv						Speed	Dir	Speed	Speed	Dir		Speed	Dir															
1	2	3	4	5	6	7	8	9	10	11	12					13	14	15	16	17	18	19	20	21	22	23	24	25	26														
01	74s	65	M	M	65	66	M	M	-	-	TSRA RA BR VCTS	M	M	M	0.42	29.18	29.62	6.8	16	7.4	26	130	21	120	01																		
02	73	60	67	M	62	64	0	2	-	-	BR VCTS	M	M	M	0.07	29.23	29.65	1.8	25	4.8	20	150	15	310	02																		
03	79	52	66	M	56	60	0	1	-	-	TS RA FG+ BR VCTS	M	M	M	0.51	29.44	29.86	4.1	20	6.0	29	240	21	310	03																		
04	79	51	65	M	54	60	0	0	-	-	FG+ FG BR	M	M	M	0.01s	29.45	29.90	3.8	17	4.7	21	310	16	200	04																		
05	84	60	72	M	57	64	0	7	-	-		M	M	M	0.00	29.39	29.82	6.5	22	9.4	25	310	21	220	05																		
06	77	54	66	M	50	58	0	1	-	-		M	M	M	0.00	29.46	29.92	5.5	09	7.2	21	060	15	060	06																		
07	84	57	71	M	56	62	0	6	-	-		M	M	M	0.01	29.37	29.77	9.9	23	16.0	38	310	29	200	07																		
08	63	45	54	M	37	47	11	0	-	-		M	M	M	0.00	29.79	30.20	10.5	32	11.5	32	320	22	300	08																		
09	63	42*	53*	M	39	46	12	0	-	-		M	M	M	0.00	29.88	30.33	1.8	04	3.1	15	310	10	070	09																		
10	60	49	55	M	45	50	10	0	-	-	RA	M	M	M	0.01	29.62	30.14	9.8	14	10.2	30	310	21	140	10																		
11	82	57	70	M	62	65	0	5	-	-	BR	M	M	M	0.00	29.45	29.89	13.8	20	14.4	37	310	28	200	11																		
12	83	66	75	M	65	68	0	10	-	-	RA BR	M	M	M	0.01	29.52	29.96	6.8	18	8.6	28	320	22	190	12																		
13	82	67	75	M	66	69	0	10	-	-	TS	M	M	M	0.01	29.59	30.01	8.5	21	11.3	33	310	28	230	13																		
14	71	57	64	M	56	60	1	0	-	-	TSRA RA	M	M	M	0.07	29.78	30.21	5.3	35	5.6	18	340	13	340	14																		
15	67	58	63	M	55	58	2	0	-	-		M	M	M	0.24	29.70	30.16	6.1	05	6.8	18	040	14	030	15																		
16	78	58	68	M	59	62	0	3	-	-	RA BR VCTS	M	M	M	0.05	29.54	30.00	2.7	07	3.5	14	080	10	070	16																		
17	70	57	64	M	57	60	1	0	-	-	RA BR HZ	M	M	M	0.02	29.51	29.96	6.3	31	8.1	23	340	17	340	17																		
18	73	55	64	M	52	57	1	0	-	-	BR	M	M	M	0.00	29.52	29.97	6.8	32	7.2	24	320	17	350	18																		
19	70	50	60	M	53	57	5	0	-	-	BR	M	M	M	0.01s	29.53	29.98	1.7	05	3.7	17	060	14	060	19																		
20	68	59	64	M	58	60	1	0	-	-	RA BR	M	M	M	0.72	29.44	29.89	7.7	12	8.3	33	120	26	120	20																		
21	78	58	68	M	60	63	0	3	-	-		M	M	M	0.00	29.47	29.90	7.1	23	8.5	24	230	18	240	21																		
22	85	53	69	M	62	65	0	4	-	-	FG BR	M	M	M	0.00	29.53	29.97	3.2	16	3.9	16	170	13	170	22																		
23	91*	69	80	M	69	73	0	15	-	-		M	M	M	0.00	29.55	29.99	7.1	19	7.3	25	200	20	210	23																		
24	90	69	80*	M	69	72	0	15	-	-	TS TSRA RA FG+ BR	M	M	M	0.05	29.57	30.01	0.4	21	2.1	25	220	20	230	24																		
25	88	67	78	M	68	71	0	13	-	-	TS FG+ FG BR VCTS	M	M	M	0.01s	29.57	30.02	1.0	24	2.0	17	240	14	240	25																		
26	90	66	78	M	66	70	0	13	-	-	TS TSRA RA FG BR HZ	M	M	M	0.38	29.55	29.99	0.2	26	2.3	13s	320	10s	200	26																		
27	87	67	77	M	67	70	0	12	-	-	TS TSRA BR	M	M	M	0.57	29.51	29.95	2.7	34	4.6	37	080	29	080	27																		
28	84	63	74	M	60	66	0	9	-	-	BR	M	M	M	0.01s	29.47	29.92	5.3	35	5.5	18	350	14	350	28																		
29	88	65	77	M	65	69	0	12	-	-	BR HZ	M	M	M	0.00	29.42	29.86	3.4	08	4.2	14	040	12	080	29																		
30	87	68	78	M	67	70	0	13	-	-	BR HZ	M	M	M	0.00	29.47	29.89	3.2	15	3.9	16	150	14	160	30																		
31	86	67	77	M	67	69	0	12	-	-	RA VCTS	M	M	M	0.61	29.47	29.90	4.1	21	6.3	31	320	22	310	31																		
78.5											59.1	68.8	58.8		62.9	1.5	5.5	<-----Monthly Averages   Totals----->					M	M	3.79s	29.52	29.95	1.6	20	6.7	<Monthly Average												
M											M	M	<-----Departure From Normal----->					M																									
<b>Degree Days</b> Monthly    Season to Date Total Departure    Total Departure Heating: 44    M    M    M Cooling: 166    M											Greatest 24-hr Precipitation: 1.61s    Date: 01 Greatest 24-hr Snowfall: M    Date: M Greatest Snow Depth: M    Date: M											Sea Level    Pressure    Date    Time (LST) Maximum 30.42    09    0901 Minimum 29.49    02    0228											Max Temp >=90: 3 Max Temp <=32: 0 Thunderstorms : 11 Min Temp <=32: 0 Min Temp <=0 : 0 Heavy Fog : 4 Precipitation >=.01 inch: 20 Precipitation >=.10 inch: Snowfall >=1.0 inch : M										
* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.																							<b>Data Version: VER2</b>																				

<b>QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA</b> <b>(final)</b> <b>NOAA, National Climatic Data Center</b> <b>Month: 06/2010</b>											<b>Station Location: SOUTHERN ILLINOIS AIRPORT (93810)</b> <b>CARBONDALE/MURPHYBORO , IL</b> Lat. 37.780 Lon. -89.250 Elevation(Ground): 406 ft. above sea level																																
Date	Temperature (Fahrenheit)						Degree Days Base 65 Degrees		Sun		Significant Weather	Snow/Ice on Ground(In)				Precipitation (In)		Pressure(inches of Hg)		Wind: Speed=mph Dir=tens of degrees																							
	Max.	Min.	Avg.	Dep From Normal	Avg. Dew pt.	Avg. Wet Bulb	Heating	Cooling	Sunrise LST	Sunset LST		1200 UTC	1800 UTC	2400 LST	2400 LST	Avg. Station	Avg. Sea Level	Resultant Speed	Res Dir	Avg. Speed	max 5-second		max 2-minute																				
	1	2	3	4	5	6	7	8	9	10		11	13	14	15	16	17	18	19	20	21	22	23	24	25	26																	
01	90	64	77	M	67	71	0	12	-	-	BR	M	M	M	0.01s	29.43	29.88	2.5	18	2.9	17	200	12	170	01																		
02	84	69	77	M	68	70	0	12	-	-	TSRA RA BR	M	M	M	0.10	29.36	29.78	2.3	19	5.8	31	340	24	340	02																		
03	87	67	77	M	66	70	0	12	-	-		M	M	M	0.00	29.34	29.77	1.1	23	3.2	26	310	18	300	03																		
04	91	69	80	M	68	72	0	15	-	-	BR HZ	M	M	M	0.00	29.35	29.79	6.5	20	7.0	21	190	15	210	04																		
05	89	74	82	M	70	73	0	17	-	-		M	M	M	0.00	29.34	29.79	8.4	21	8.6	20	190	16	190	05																		
06	82	64	73	M	61	66	0	8	-	-		M	M	M	0.00	29.49	29.91	7.2	33	9.9	24	360	20	340	06																		
07	83	62	73	M	62	66	0	8	-	-		M	M	M	0.00	29.58	30.01	0.6	36	2.1	13	310	10	320	07																		
08	86	63	75	M	64	68	0	10	-	-	TSRA BR	M	M	M	1.44	29.51	29.97	6.5	17	6.9	30	200	25	200	08																		
09	88	70	79	M	70	73	0	14	-	-	RA	M	M	M	0.13	29.49	29.93	2.7	28	4.9	18	250	14	250	09																		
10	90	70	80	M	71	74	0	15	-	-	BR	M	M	M	0.00	29.49	29.93	5.8	18	6.5	20	210	15	180	10																		
11	89	74	82	M	71	74	0	17	-	-		M	M	M	0.05	29.52	29.95	8.6	18	9.3	30	200	24	200	11																		
12	95	75	85	M	72	76	0	20	-	-		M	M	M	0.00	29.57	30.00	8.1	22	9.2	24	200	18	340	12																		
13	94	71	83	M	72	76	0	18	-	-		M	M	M	0.00	29.54	29.98	4.7	21	5.3	18	200	15	220	13																		
14	95	73	84	M	73	76	0	19	-	-	TSRA RA BR VCTS	M	M	M	0.50	29.45	29.90	4.5	20	7.0	32	300	24	300	14																		
15	95	73	84	M	72	75	0	19	-	-	BR	M	M	M	0.00	29.50	29.92	3.8	22	5.2	36	240	28	240	15																		
16	89	71	80	M	69	72	0	15	-	-		M	M	M	0.00	29.61	30.04	1.6	36	2.8	12	320	8	330	16																		
17	86	71	79	M	70	72	0	14	-	-	TS RA BR SQ VCTS	M	M	M	0.35	29.57	30.02	3.0	14	5.4	43	300	24	300	17																		
18	94	71	83	M	72	76	0	18	-	-		M	M	M	0.00	29.54	29.97	4.8	18	5.3	23	140	18	140	18																		
19	90	68	79	M	70	73	0	14	-	-	RA SQ VCTS	M	M	M	0.41	29.60	30.03	1.5	21	6.8	43	350	31	360	19																		
20	94	74	84	M	74	77	0	19	-	-	BR	M	M	M	0.00	29.59	30.02	1.7	22	3.1	14	220	10	240	20																		
21	95	77	86*	M	73	77	0	21	-	-		M	M	M	0.00	29.57	30.01	4.7	20	5.5	20	170	16	170	21																		
22	95	73	84	M	72	76	0	19	-	-	BR	M	M	M	0.00	29.62	30.04	4.0	18	5.3	16	210	13	230	22																		
23	93	75	84	M	73	76	0	19	-	-	BR HZ	M	M	M	0.00	29.57	30.02	7.5	20	7.9	22	180	17	190	23																		
24	88	68	78	M	68	72	0	13	-	-		M	M	M	T	29.60	30.04	3.9	35	6.0	16	350	14	340	24																		
25	90	66	78	M	68	72	0	13	-	-	FG	M	M	M	0.00	29.58	30.02	1.1	11	1.9	12	130	8	140	25																		
26	95*	73	84	M	73	76	0	19	-	-		M	M	M	0.00	29.45	29.90	6.7	21	7.1	18	240	14	210	26																		
27	94	74	84	M	72	76	0	19	-	-	TSRA RA BR	M	M	M	0.35	29.31	29.76	9.3	21	9.6	10s	190	8s	180	27																		
28	89	72	81	M	69	73	0	16	-	-	RA	M	M	M	0.01	29.42	29.84	3.6	30	4.5	16	340	12	330	28																		
29	84	68	76	M	63	67	0	11	-	-	BR	M	M	M	0.00	29.62	30.03	4.5	36	4.9	16	020	12	010	29																		
30	82	61*	72*	M	58	64	0	7	-	-		M	M	M	0.00	29.75	30.17	5.8	05	5.9	21	060	16	060	30																		
89.9											70.0	80.0	69.0		72.6	0.0	15.1	<-----Monthly Averages   Totals----->				M	M	3.35s	29.51	29.95	2.7	21	5.9	<Monthly Average													
M											M	M	<-----Departure From Normal----->											M																			
<b>Degree Days</b> Monthly Season to Date Total Departure Total Departure Heating: 0 M M M Cooling: 453 M											Greatest 24-hr Precipitation: 1.57s Date: 08-09 Greatest 24-hr Snowfall: M Date: M Greatest Snow Depth: M Date: M											Sea Level Pressure Date Time (LST) Maximum 30.23 30 2359 Minimum 29.60 27 1815											Max Temp >=90: 16 Max Temp <=32: 0 Thunderstorms : 5 Min Temp <=32: 0 Min Temp <=0 : 0 Heavy Fog : 0 Precipitation >=.01 inch: 9s Precipitation >=.10 inch: Snowfall >=1.0 inch : M										
* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.																							<b>Data Version: VER2</b>																				

<b>QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA</b> (final) NOAA, National Climatic Data Center Month: 07/2010											<b>Station Location: SOUTHERN ILLINOIS AIRPORT (93810)</b> <b>CARBONDALE/MURPHYBORO , IL</b> Lat. 37.780 Lon. -89.250 Elevation(Ground): 406 ft. above sea level																		
Date	Temperature (Fahrenheit)						Degree Days Base 65 Degrees		Sun		Significant Weather	Snow/Ice on Ground(In)				Precipitation (In)		Pressure(inches of Hg)		Wind: Speed=mph Dir=tens of degrees									
	Max.	Min.	Avg.	Dep From Normal	Avg. Dew pt.	Avg. Wet Bulb	Heating	Cooling	Sunrise LST	Sunset LST		1200 UTC	1800 UTC	2400 LST	2400 LST	Avg. Station	Avg. Sea Level	Resultant Speed	Res Dir	Avg. Speed	max 5-second		max 2-minute						
	1	2	3	4	5	6	7	8	9	10		11	13	14	15	16	17	18	19	20	21	22	23	24	25	26			
01	82	56	69*	M	55	62	0	4	-	-		M	M	M	0.00	29.80	30.24	4.7	07	5.0	20	060	15	070	01				
02	84	56	70	M	56	62	0	5	-	-	BR	M	M	M	0.01s	29.71	30.17	3.5	08	3.8	20	100	15	080	02				
03	91	56*	74	M	63	68	0	9	-	-	FG+ BR HZ	M	M	M	0.00	29.59	30.04	4.1	17	4.6	18	210	15	210	03				
04	91	75	83	M	68	73	0	18	-	-		M	M	M	0.00	29.56	30.00	8.9	19	9.2	25	180	18	190	04				
05	91	70	81	M	65	71	0	16	-	-		M	M	M	0.00	29.53	29.97	8.5	18	9.0	24	220	21	210	05				
06	94	68	81	M	68	73	0	16	-	-		M	M	M	0.00	29.57	30.00	4.5	18	5.0	20	210	15	200	06				
07	94	71	83	M	71	74	0	18	-	-	RA BR HZ VCTS	M	M	M	0.03	29.60	30.04	1.4	17	2.4	33	100	15	140	07				
08	93	74	84	M	73	75	0	19	-	-	RA BR VCTS	M	M	M	0.19	29.57	30.01	3.2	24	3.7	20	260	15	260	08				
09	87	72	80	M	73	74	0	15	-	-	RA BR	M	M	M	0.92	29.55	29.99	2.5	31	3.5	26	010	18	350	09				
10	89	68	79	M	66	70	0	14	-	-	BR	M	M	M	0.00	29.54	29.98	0.6	36	1.2	9	040	7	050	10				
11	90	68	79	M	68	71	0	14	-	-	RA BR VCTS	M	M	M	0.12	29.39	29.84	4.7	19	5.1	29	200	23	200	11				
12	86	69	78	M	70	73	0	13	-	-	RA	M	M	M	0.02	29.33	29.76	3.8	21	4.6	56s	240	41s	210	12				
13	91	73	82	M	72	74	0	17	-	-	RA	M	M	M	0.02	29.43	29.85	3.1	22	4.0	17	220	9	210	13				
14	93	72	83	M	74	76	0	18	-	-	BR	M	M	M	0.00	29.56	29.98	3.2	18	3.5	15	200	12	210	14				
15	94	76	85	M	75	78	0	20	-	-	RA BR HZ	M	M	M	0.01	29.52	29.96	2.7	22	4.3	20	310	15	300	15				
16	94	74	84	M	73	76	0	19	-	-	BR	M	M	M	0.00	29.54	29.97	1.3	29	3.2	13	200	10	190	16				
17	93	73	83	M	73	76	0	18	-	-		M	M	M	0.00	29.54	29.96	5.6	20	6.3	17	220	14	200	17				
18	87	73	80	M	73	75	0	15	-	-	TS RA BR HZ VCTS	M	M	M	0.08	29.49	29.93	6.8	21	7.5	33	100	22	310	18				
19	93	72	83	M	71	74	0	18	-	-	TS TSRA	M	M	M	0.01	29.51	29.95	3.1	20	5.0	35	350	23	020	19				
20	89	74	82	M	75	77	0	17	-	-	TS TSRA RA	M	M	M	0.03	29.55	29.98	6.4	20	8.3	25	200	20	210	20				
21	93	75	84	M	74	76	0	19	-	-		M	M	M	T	29.62	30.05	2.8	23	4.7	36	260	24	220	21				
22	95	74	85	M	74	78	0	20	-	-	BR	M	M	M	0.00	29.56	30.00	8.0	21	8.2	25	210	20	210	22				
23	96	78	87*	M	72	76	0	22	-	-		M	M	M	0.00	29.55	29.99	10.2	21	10.6	26	200	21	210	23				
24	96*	76	86	M	72	76	0	21	-	-	RA	M	M	M	T	29.54	29.97	7.2	21	8.4	28	350	22	350	24				
25	93	75	84	M	71	75	0	19	-	-		M	M	M	T	29.60	30.03	3.6	34	5.2	16	340	13	320	25				
26	94	71	83	M	70	74	0	18	-	-	BR	M	M	M	0.00	29.60	30.04	1.7	05	2.5	14	020	9	050	26				
27	90	75	83	M	72	75	0	18	-	-	BR	M	M	M	0.01	29.58	30.02	4.3	19	5.0	18	200	15	200	27				
28	95	75	85	M	74	76	0	20	-	-	TS	M	M	M	T	29.59	30.03	6.1	22	6.8	23	250	20	260	28				
29	95	72	84	M	72	75	0	19	-	-		M	M	M	0.00	29.59	30.03	3.9	33	5.2	20	350	14	330	29				
30	88	71	80	M	71	73	0	15	-	-	RA BR	M	M	M	0.05	29.49	29.95	2.7	11	3.5	14	310	10	310	30				
31	95	73	84	M	73	76	0	19	-	-	FG+ BR	M	M	M	0.00	29.38	29.82	3.4	31	5.0	23	340	17	330	31				
	91.5	71.1	81.3		70.2	73.6	0.0	16.5	<-----Monthly Averages   Totals----->			M	M	1.50s	29.54	29.98	2.9	20	5.3	<Monthly Average									
	M	M	M	<-----Departure From Normal----->											M														
<b>Degree Days</b> Monthly Season to Date Total Departure Total Departure Heating: 0 M M M Cooling: 513 M											Greatest 24-hr Precipitation: 0.94s Date: 08-09 Greatest 24-hr Snowfall: M Date: M Greatest Snow Depth: M Date: M					Sea Level Pressure Date Time (LST) Maximum 30.29 01 1130 Minimum 29.71 12 0342					Max Temp >=90: 23 Max Temp <=32: 0s Thunderstorms : 6 Min Temp <=32: 0 Min Temp <=0 : 0 Heavy Fog : 2 Precipitation >=.01 inch: 13 Precipitation >=.10 inch: Snowfall >=1.0 inch : M								
* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.																				<b>Data Version: VER2</b>									

<b>QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA</b> <b>(final)</b> NOAA, National Climatic Data Center Month: 08/2010											<b>Station Location: SOUTHERN ILLINOIS AIRPORT (93810)</b> <b>CARBONDALE/MURPHYBORO , IL</b> Lat. 37.780 Lon. -89.250 Elevation(Ground): 406 ft. above sea level																		
Date	Temperature (Fahrenheit)						Degree Days Base 65 Degrees		Sun		Significant Weather	Snow/Ice on Ground(In)				Precipitation (In)		Pressure(inches of Hg)		Wind: Speed=mph Dir=tens of degrees									
	Max.	Min.	Avg.	Dep From Normal	Avg. Dew pt.	Avg. Wet Bulb	Heating	Cooling	Sunrise LST	Sunset LST		1200 UTC	1800 UTC	2400 LST	2400 LST	Avg. Station	Avg. Sea Level	Resultant Speed	Res Dir	Avg. Speed	max 5-second		max 2-minute						
	1	2	3	4	5	6	7	8	9	10		11	13	14	15	16	17	18	19	20	21	22	23	24	25	26			
01	90	67	79	M	67	71	0	14	-	-	BR	M	M	M	0.01s	29.49	29.92	3.6	02	4.3	17	350	13	010	01				
02	93	63	78	M	68	72	0	13	-	-	FG+ BR HZ	M	M	M	0.00	29.53	29.97	0.5	08	0.6	9	120	7	270	02				
03	103	75	89	M	75	79	0	24	-	-	BR	M	M	M	0.00	29.50	29.94	4.2	21	4.8	17	190	13	200	03				
04	104*	77	91*	M	73	78	0	26	-	-		M	M	M	0.00	29.43	29.87	5.2	24	6.5	22	220	16	240	04				
05	91	71	81	M	72	74	0	16	-	-	TS TSRA BR	M	M	M	0.12	29.46	29.87	2.7	33	3.7	46	300	30	300	05				
06	91	66	79	M	65	70	0	14	-	-	BR	M	M	M	0.01s	29.51	29.94	1.8	36	2.7	16	320	13	320	06				
07	92	62	77	M	62	68	0	12	-	-	FG BR HZ	M	M	M	0.00	29.51	29.94	1.6	07	2.3	10	030	8	040	07				
08	96	63	80	M	66	71	0	15	-	-	FG+ BR HZ	M	M	M	0.00	29.46	29.90	2.7	20	3.1	17	200	12	230	08				
09	101	72	87	M	72	76	0	22	-	-	BR HZ	M	M	M	0.00	29.47	29.91	1.6	18	2.4	13	210	10	200	09				
10	100	75	88	M	75	78	0	23	-	-	BR	M	M	M	0.00	29.48	29.92	2.1	22	3.1	17	260	13	260	10				
11	101	75	88	M	73	77	0	23	-	-	BR	M	M	M	T	29.44	29.87	2.0	24	3.0	20	280	15	280	11				
12	101	71	86	M	73	75	0	21	-	-	TSRA RA BR VCTS	M	M	M	0.20	29.39	29.83	1.7	24	3.8	25	020	18	030	12				
13	99	71	85	M	73	76	0	20	-	-	BR	M	M	M	0.00	29.36	29.79	2.4	21	3.0	15	190	12	190	13				
14	97	75	86	M	74	77	0	21	-	-	TS RA BR VCTS	M	M	M	0.03	29.41	29.84	0.5	16	4.2	29	330	21	330	14				
15	94	73	84	M	72	76	0	19	-	-	TS TSRA VCTS	M	M	M	T	29.51	29.92	3.4	34	7.8	21	310	15	130	15				
16	89	63	76	M	62	67	0	11	-	-		M	M	M	M	29.62	30.05	2.6	02	3.5	17	050	13	060	16				
17	89	58	74	M	59	66	0	9	-	-	FG+ FG BR	M	M	M	M	29.59	30.03	3.8	06	4.5	25	200	13	100	17				
18	92	70	81	M	67	71	0	16	-	-	BR HZ	M	M	M	M	29.49	29.94	3.4	07	4.0	17	070	12	060	18				
19	95	67	81	M	69	73	0	16	-	-	FG+ FG BR	M	M	M	M	29.47	29.91	2.1	12	2.7	10	110	8	110	19				
20	95	69	82	M	68	73	0	17	-	-	BR VCTS	M	M	M	M	29.39	29.85	6.1	17	6.3	20	180	14	170	20				
21	89	72	81	M	72	74	0	16	-	-	RA BR	M	M	M	1.87	29.43	29.86	2.2	27	4.6	32	330	26	330	21				
22	93	69	81	M	71	74	0	16	-	-	BR	M	M	M	0.01s	29.55	29.98	2.6	01	3.6	16	360	13	020	22				
23	88	66	77	M	65	69	0	12	-	-	BR	M	M	M	0.00	29.54	29.98	2.2	02	3.1	17	360	12	010	23				
24	89	63	76	M	65	69	0	11	-	-	FG+ BR	M	M	M	0.01s	29.54	29.97	2.2	02	2.3	18	010	13	360	24				
25	85	62	74	M	59	65	0	9	-	-		M	M	M	0.00	29.65	30.07	7.0	34	7.3	22	320	16	340	25				
26	83	53	68	M	56	61	0	3	-	-	BR	M	M	M	0.00	29.70	30.14	2.6	02	3.3	15	010	12	030	26				
27	85	51*	68*	M	53	60	0	3	-	-	FG+ FG BR	M	M	M	0.00	29.65	30.10	2.3	06	2.9	16	070	12	060	27				
28	92	54	73	M	65	68	0	8	-	-	BR	M	M	M	0.04	29.60	30.04	2.4	12	2.6	28	210	18	210	28				
29	89	69	79	M	68	71	0	14	-	-		M	M	M	T	29.68	30.11	7.5	15	7.7	23	120	16	130	29				
30	86	71	79	M	70	72	0	14	-	-	RA BR	M	M	M	0.24	29.71	30.15	7.4	15	7.7	20	160	14	150	30				
31	89	70	80	M	68	72	0	15	-	-		M	M	M	0.00	29.64	30.09	7.8	18	8.1	21	170	15	200	31				
	92.9	67.2	80.1		67.6	71.7	0.0	15.3	<-----Monthly Averages   Totals----->			M	M	2.54s	29.52	29.96	0.4	15	4.2	<Monthly Average									
	M	M	M	<-----Departure From Normal----->											M														
<b>Degree Days</b> Monthly Season to Date Total Departure Total Departure Heating: 0 M M M Cooling: 473 M											Greatest 24-hr Precipitation: 1.87 Date: 21 Greatest 24-hr Snowfall: M Date: M Greatest Snow Depth: M Date: M					Sea Level Pressure Date Time (LST) Maximum 30.21 30 1030 Minimum 29.73 21 0029					Max Temp >=90: 20 Max Temp <=32: 0 Thunderstorms : 6 Min Temp <=32: 0 Min Temp <=0 : 0 Heavy Fog : 6 Precipitation >=.01 inch: 8 Precipitation >=.10 inch: Snowfall >=1.0 inch : M								
* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.																					<b>Data Version:</b> <b>VER2</b>								

<b>QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA</b> (final) NOAA, National Climatic Data Center Month: 09/2010											Station Location: <b>SOUTHERN ILLINOIS AIRPORT (93810)</b> <b>CARBONDALE/MURPHYBORO , IL</b> Lat. 37.780 Lon. -89.250 Elevation(Ground): 406 ft. above sea level															
Date	Temperature (Fahrenheit)						Degree Days Base 65 Degrees		Sun		Significant Weather	Snow/Ice on Ground(In)		Precipitation (In)		Pressure(inches of Hg)		Wind: Speed=mph Dir=tens of degrees						Date		
	Max.	Min.	Avg.	Dep From Normal	Avg. Dew pt.	Avg. Wet Bulb	Heating	Cooling	Sunrise LST	Sunset LST		1200 UTC	1800 UTC	2400 LST	2400 LST	Avg. Station	Avg. Sea Level	Resultant Speed	Res Dir	Avg. Speed	max 5-second		max 2-minute			
	1	2	3	4	5	6	7	8	9	10		11	13	14	15	16	17	18	19	20	21	22	23		24	25
01	90	71	81*	M	69	72	0	16	-	-	VCTS	M	M	M	T	29.52	29.97	5.0	19	7.7	22	180	17	210	01	
02	84	72	78	M	69	71	0	13	-	-	TSRA RA BR VCTS	M	M	M	T	29.48	29.92	8.4	20	8.8	26	250	20	260	02	
03	79	58	69	M	54	61	0	4	-	-	RA	M	M	M	0.05	29.57	30.00	8.8	31	9.1	24	310	17	310	03	
04	77	50	64	M	49	56	1	0	-	-		M	M	M	0.00	29.61	30.05	4.6	31	5.3	23	340	18	340	04	
05	82	47	65	M	50	57	0	0	-	-	BR	M	M	M	0.00	29.55	30.01	3.9	18	4.4	17	180	14	180	05	
06	89	52	71	M	54	61	0	6	-	-		M	M	M	0.00	29.53	29.97	8.9	18	9.6	30	200	23	200	06	
07	89	64	77	M	61	66	0	12	-	-		M	M	M	0.00	29.62	30.06	3.6	26	6.4	22	330	17	330	07	
08	84	61	73	M	57	62	0	8	-	-		M	M	M	0.00	29.65	30.10	0.7	01	1.7	10	530	8	520	08	
09	73	61	67	M	60	62	0	2	-	-	RA BR	M	M	M	0.58	29.53	29.99	3.7	10	3.8	16	100	12	080	09	
10	69	63	66	M	63	64	0	1	-	-	RA FG BR	M	M	M	0.42	29.41	29.87	4.9	10	5.1	22	150	17	140	10	
11	81	57	69	M	65	67	0	4	-	-	RA FG+ FG BR	M	M	M	0.04	29.49	29.91	5.1	31	6.2	26	320	18	310	11	
12	85	50	68	M	54	60	0	3	-	-	FG BR	M	M	M	0.01s	29.68	30.12	1.2	01	2.2	14	350	10	340	12	
13	86	53	70	M	57	62	0	5	-	-	BR	M	M	M	0.01s	29.64	30.09	2.4	24	2.4	17	230	10	210	13	
14	85	57	71	M	61	64	0	6	-	-	FG BR	M	M	M	0.00	29.61	30.06	1.5	21	1.7	13	220	10	220	14	
15	89	58	74	M	63	67	0	9	-	-	RA FG+ FG BR	M	M	M	0.09	29.55	29.99	3.7	22	4.5	33	240	24	250	15	
16	83	60	72	M	62	65	0	7	-	-	RA	M	M	M	0.13	29.52	29.96	4.2	28	6.3	23	240	17	240	16	
17	82	51	67	M	57	60	0	2	-	-	FG+ FG BR	M	M	M	0.01s	29.65	30.08	0.2	14	0.7	10	080	9	080	17	
18	88	52	70	M	59	63	0	5	-	-		M	M	M	0.01s	29.67	30.11	1.0	23	1.9	13	200	9	200	18	
19	83	64	74	M	64	67	0	9	-	-		M	M	M	0.00	29.67	30.12	1.4	32	3.1	14	130	12	140	19	
20	91	61	76	M	63	67	0	11	-	-	BR	M	M	M	0.01s	29.57	30.03	1.0	18	1.4	13	220	9	190	20	
21	94	64	79	M	63	68	0	14	-	-	BR	M	M	M	0.00	29.51	29.95	4.7	20	5.0	20	200	15	230	21	
22	86	64	75	M	65	68	0	10	-	-		M	M	M	0.00	29.60	30.03	2.3	23	4.4	17	260	13	260	22	
23	94*	62	78	M	62	68	0	13	-	-	BR BLDU	M	M	M	0.00	29.57	30.02	9.0	19	9.3	36	190	25	200	23	
24	83	57	70	M	61	66	0	5	-	-	RA	M	M	M	T	29.61	30.04	6.3	25	8.4	22	230	17	240	24	
25	78	48	63	M	50	57	2	0	-	-	FG+ BR	M	M	M	T	29.60	30.06	2.2	03	3.1	15	050	9	050	25	
26	65	51	58*	M	50	54	7	0	-	-	RA	M	M	M	0.02	29.58	30.03	8.4	36	8.7	16s	350	10s	360	26	
27	71	46	59	M	46	51	6	0	-	-		M	M	M	0.00	29.47	29.93	5.5	33	6.1	20	310	15	310	27	
28	78	44	61	M	47	52	4	0	-	-	FG+ FG BR	M	M	M	0.00	29.36	29.81	1.4	26	2.4	18	270	12	240	28	
29	80	42*	61	M	46	53	4	0	-	-	FG+ BR	M	M	M	0.00	29.39	29.84	0.2	01	1.1	10	050	7	360	29	
30	82	47	65	M	48	55	0	0	-	-	BR	M	M	M	0.00	29.47	29.90	7.5	34	7.8	30	340	22	340	30	
	82.7	56.2	69.5		57.6	62.2	0.8	5.5	<---Monthly Averages   Totals--->			M	M	1.57s	29.55	30.00	1.4	25	5.0	<Monthly Average						
	M	M	M		<-----Departure From Normal----->						M															
<b>Degree Days</b> Monthly    Season to Date Total Departure    Total Departure Heating: 24    M    M    M Cooling: 165    M											Greatest 24-hr Precipitation: 1.00s Date: 09-10 Greatest 24-hr Snowfall: M    Date: M Greatest Snow Depth: M    Date: M						Sea Level Pressure Date    Time (LST) Maximum 30.19    19    1054 Minimum 29.76    28    1618									

**QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA**

(final)

NOAA, National Climatic Data Center

Month: 10/2010

Station Location: SOUTHERN ILLINOIS AIRPORT (93810)

CARBONDALE/MURPHYBORO , IL

Lat. 37.780 Lon. -89.250

Elevation(Ground): 406 ft. above sea level

Date	Temperature (Fahrenheit)						Degree Days Base 65 Degrees		Sun		Significant Weather	Snow/Ice on Ground(In)				Precipitation (In)		Pressure(inches of Hg)		Wind: Speed=mph Dir=tens of degrees						Date
	Max.	Min.	Avg.	Dep From Normal	Avg. Dew pt.	Avg. Wet Bulb	Heating	Cooling	Sunrise LST	Sunset LST		1200 UTC	1800 UTC	2400 LST	2400 LST	Avg. Station	Avg. Sea Level	Resultant Speed	Res Dir	Avg. Speed	5-second max		2-minute max			
																					Speed	Dir	Speed	Dir		
																					13	14	15	16	17	
01	77	41	59	M	41	51	6	0	-	-	M	M	M	0.00	29.63	30.08	3.9	01	5.1	33	330	14	010	01		
02	66	42	54	M	43	49	11	0	-	-	M	M	M	T	29.69	30.12	6.1	36	6.6	26	360	20	350	02		
03	64	38	51	M	35	44	14	0	-	-	M	M	M	0.00	29.86	30.30	6.7	36	6.9	24	350	17	340	03		
04	66	30	48	M	34	42	17	0	-	-	M	M	M	0.00	29.91	30.36	2.3	36	2.7	20	010	14	360	04		
05	71	32	52	M	36	43	13	0	-	-	M	M	M	0.00	29.91	30.37	1.3	34	2.0	16	340	12	330	05		
06	77	35	56	M	41	48	9	0	-	-	M	M	M	0.00	29.73	30.21	2.0	27	2.5	17	230	13	240	06		
07	84	46	65	M	47	54	0	0	-	-	M	M	M	0.00	29.67	30.12	2.2	32	3.5	15	360	12	360	07		
08	84	40	62	M	43	51	3	0	-	-	M	M	M	0.00	29.65	30.11	0.4	25	1.2	12	220	8	250	08		
09	88	44	66	M	50	56	0	1	-	-	M	M	M	0.00	29.59	30.05	0.5	22	1.0	10	250	7	230	09		
10	89*	49	69	M	51	58	0	4	-	-	M	M	M	0.00	29.49	29.95	1.8	22	2.2	15	220	12	220	10		
11	88	51	70	M	50	58	0	5	-	-	M	M	M	T	29.41	29.86	1.9	20	3.0	23	180	17	180	11		
12	83	52	68	M	53	59	0	3	-	-	M	M	M	0.14	29.47	29.89	1.6	19	4.6	24	140	18	140	12		
13	69	48	59	M	52	56	6	0	-	-	M	M	M	0.03	29.64	30.06	6.3	33	7.0	17s	320	13	330	13		
14	72	39	56	M	36	47	9	0	-	-	M	M	M	0.00	29.62	30.10	3.2	26	4.2	20	240	15	260	14		
15	72	39	56	M	37	48	9	0	-	-	M	M	M	0.00	29.64	30.08	4.8	33	6.1	26	320	16	360	15		
16	75	33	54	M	37	46	11	0	-	-	M	M	M	0.00	29.69	30.14	3.5	20	4.1	29	320	17	240	16		
17	83	48	66	M	46	54	0	1	-	-	M	M	M	0.00	29.58	30.04	3.1	24	4.9	16	290	12	250	17		
18	83	47	65	M	46	54	0	0	-	-	M	M	M	0.00	29.48	29.93	2.5	30	3.8	21	340	17	340	18		
19	69	44	57	M	36	47	8	0	-	-	M	M	M	0.00	29.55	30.00	3.3	02	3.7	15	360	13	360	19		
20	75	35	55	M	36	47	10	0	-	-	M	M	M	0.00	29.49	29.95	5.4	23	5.9	21	230	16	240	20		
21	71	38	55	M	32	45	10	0	-	-	M	M	M	0.00	29.58	30.02	4.4	32	5.2	23	330	17	340	21		
22	78	34	56	M	34	46	9	0	-	-	M	M	M	0.00	29.67	30.11	4.7	16	5.1	20	200	16	200	22		
23	83	61	72	M	39	54	0	7	-	-	M	M	M	T	29.56	30.02	11.5	18	12.0	31	190	25	190	23		
24	80	64	72*	M	55	62	0	7	-	-	M	M	M	T	29.36	29.83	14.7	19	14.8	37	200	29	200	24		
25	75	62	69	M	59	63	0	4	-	-	M	M	M	0.00	29.09	29.58	15.4	18	15.7	39	170	31	190	25		
26	76	47	62	M	47	55	3	0	-	-	M	M	M	0.60	29.13	29.52	14.8	21	16.7	56	210	45	210	26		
27	75	45	60	M	34	49	5	0	-	-	M	M	M	0.00	29.46	29.86	9.4	23	10.9	37	240	29	220	27		
28	56	32	44	M	32	40	21	0	-	-	M	M	M	0.00	29.85	30.26	6.6	32	7.0	28	300	20	320	28		
29	60	26*	43*	M	28	36	22	0	-	-	M	M	M	0.00	29.85	30.33	0.5	35	1.5	31s	330	7	290	29		
30	69	28	49	M	30	41	16	0	-	-	M	M	M	0.00	29.55	30.04	9.7	20	10.0	48	210	24	200	30		
31	67	37	52	M	35	44	13	0	-	-	M	M	M	0.00	29.65	30.08	4.7	04	6.1	17	050	14	050	31		
	75.0	42.2	58.6		41.1	49.9	7.3	1.0	<-----Monthly Averages   Totals----->			M	M	0.77s	29.59	30.04	2.0	23	6.0	<Monthly Average						
	M	M	M		<-----Departure From Normal----->						M															
<b>Degree Days</b>				Monthly	Season to Date			Greatest 24-hr Precipitation: 0.60 Date: 26				Sea Level		Pressure	Date	Time (LST)										
				Total Departure	Total	Departure	Greatest 24-hr Snowfall: M Date: M				Maximum		30.46	29	0847											
Heating: 225				M	M	M	Greatest Snow Depth: M Date: M				Minimum		29.21	26	0450											
Cooling: 32				M																						