

Summary of Monthly Normals
1981-2010

Generated on 05/22/2024

Current Location: Elev: 600 ft. Lat: 32.8711° N Lon: 86.1758° W

Station: ROCKFORD, AL US USC00017020

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	54.5	33.9	44.2	3.8	3.8	3.6	18	12	5	-7777	0	0	353	408	494	645	0.0	0.0	21.4	0.4	14.0	0.1
02	59.3	36.7	48.0	3.5	3.1	3.0	31	19	8	1	-7777	0	227	271	344	476	0.0	0.0	22.8	0.0	9.4	0.0
03	67.9	42.6	55.2	3.4	2.8	2.8	112	82	46	12	2	1	104	136	193	314	0.0	0.0	30.0	0.0	4.6	0.0
04	74.7	48.6	61.6	2.6	2.9	2.6	225	178	114	38	5	1	26	38	65	138	0.0	0.0	29.9	0.0	1.0	0.0
05	81.1	57.5	69.3	2.1	2.9	2.1	444	383	295	158	57	30	1	2	6	25	0.0	0.7	31.0	0.0	0.0	0.0
06	87.1	65.2	76.2	2.9	1.7	1.8	634	574	484	335	190	136	0	-7777	-7777	1	0.1	8.2	30.0	0.0	0.0	0.0
07	89.5	68.4	79.0	2.6	1.1	1.6	742	680	587	432	278	216	0	0	0	-7777	0.0	14.2	31.0	0.0	0.0	0.0
08	88.1	68.0	78.1	2.9	1.6	2.1	714	652	559	405	251	191	0	0	0	-7777	0.5	10.3	31.0	0.0	0.0	0.0
09	83.4	62.8	73.1	2.4	2.2	1.7	543	483	395	253	126	84	-7777	1	2	10	0.0	3.4	30.0	0.0	0.0	0.0
10	74.3	52.1	63.2	2.3	3.4	2.4	272	221	152	67	19	9	18	29	53	122	0.0	0.0	30.9	0.0	0.4	0.0
11	65.0	42.9	54.0	3.2	3.4	3.1	85	60	33	9	1	-7777	116	151	214	341	0.0	0.0	28.8	0.0	4.7	0.0
12	56.6	36.0	46.3	4.2	4.2	4.0	30	19	8	1	-7777	-7777	300	351	432	581	0.0	0.0	23.5	0.3	11.8	0.0
Summary	73.5	51.2	62.4	3.0	2.8	2.6	3850	3363	2686	1711	929	668	1145	1387	1803	2653	0.6	36.8	340.3	0.7	45.9	0.1

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75
01	5.37	9.2	7.1	3.3	1.5	3.80	5.31	6.94
02	5.73	9.5	7.0	4.1	2.2	3.95	5.42	7.50
03	5.63	7.6	6.2	3.5	1.8	3.63	5.31	7.41
04	4.57	7.2	5.7	3.1	1.4	3.19	3.98	6.39
05	4.19	7.3	6.0	2.6	1.5	2.44	4.09	5.26
06	3.82	7.8	5.9	2.2	0.8	2.20	3.25	4.93
07	5.40	10.0	7.9	4.3	2.0	3.44	5.20	7.22
08	4.90	8.7	6.9	3.2	1.6	2.88	4.25	6.66
09	3.96	6.0	4.1	2.5	1.3	1.65	2.79	4.95
10	2.89	5.6	4.1	1.9	0.9	1.83	2.35	3.46
11	5.05	7.8	6.5	3.1	1.6	2.97	3.97	6.92
12	5.07	8.8	6.8	3.8	1.8	3.36	4.15	6.71
Summary	56.58	95.5	74.2	37.6	18.4	35.34	50.07	74.35

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	0.3	0.2	0.2	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
02	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
03	0.4	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
04	0.2	-7777	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	-7777	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Summary	1.0	0.5	0.4	0.2	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	193	248	476	650	908	1084	1207	1179	993	719	422	238
45	104	149	333	501	753	934	1052	1024	843	565	288	138
50	48	76	209	357	598	784	897	869	693	414	172	71
55	18	31	112	225	444	634	742	714	543	272	85	30
60	5	8	46	114	295	484	587	559	395	152	33	8
Growing Degree Units for Corn (Monthly)												
50/86	108	151	298	413	604	746	835	820	680	455	251	134

Growing Degree Units (Accumulated Monthly)												
40	193	441	917	1567	2475	3559	4766	5945	6938	7657	8079	8317
45	104	253	586	1087	1840	2774	3826	4850	5693	6258	6546	6684
50	48	124	333	690	1288	2072	2969	3838	4531	4945	5117	5188
55	18	49	161	386	830	1464	2206	2920	3463	3735	3820	3850
60	5	13	59	173	468	952	1539	2098	2493	2645	2678	2686
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	108	259	557	970	1574	2320	3155	3975	4655	5110	5361	5495

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
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