

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 1391 ft. Lat: 39.4575° N Lon: 98.1125° W

Station: **BELOIT, KS US USC00140693**

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	39.5	16.9	28.2	4.9	3.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	830.6	892.6	985.7	1140.7	0.0	0.0	8.2	9.6	29.8	2.3
02	44.1	20.7	32.4	7.1	4.7	5.7	2.4	1.3	0.5	0.0	0.0	0.0	635.0	690.0	773.2	912.8	0.0	0.0	11.0	6.7	24.4	1.2
03	55.7	29.9	42.8	5.4	4.3	4.6	22.6	15.2	7.4	1.4	0.0	0.0	400.9	455.4	540.6	689.7	0.0	0.0	20.6	1.5	18.7	0.4
04	65.7	40.7	53.2	3.9	3.2	3.4	92.5	68.5	40.3	13.5	2.7	1.1	146.5	182.5	244.3	367.5	0.0	0.5	26.8	0.2	5.9	0.0
05	75.4	52.4	63.9	4.0	2.7	3.1	299.9	250.4	184.1	95.9	39.3	25.1	24.0	36.5	63.1	129.9	0.1	2.5	30.8	0.0	0.2	0.0
06	86.9	63.4	75.2	3.0	2.1	2.4	604.6	545.0	456.3	313.3	184.0	140.0	0.3	0.7	2.0	8.9	1.4	12.2	30.0	0.0	0.0	0.0
07	91.8	68.4	80.1	3.5	2.2	2.7	777.9	716.0	623.0	468.3	317.3	259.9	0.0	0.0	0.0	0.3	5.3	19.0	31.0	0.0	0.0	0.0
08	89.1	66.1	77.6	3.5	2.6	2.9	700.5	638.5	545.6	392.3	246.7	194.4	0.0	0.0	0.1	1.8	3.0	15.2	31.0	0.0	0.0	0.0
09	81.6	57.0	69.3	3.3	3.3	3.1	435.9	380.2	300.4	184.3	96.6	70.6	7.0	11.3	21.5	55.4	0.5	7.0	29.9	0.0	0.1	0.0
10	68.6	42.7	55.7	3.9	2.7	3.1	134.7	103.4	65.8	25.9	8.0	4.8	114.6	145.3	200.7	315.7	0.0	0.8	28.8	0.2	4.6	0.0
11	54.2	30.0	42.1	5.5	3.6	4.3	15.0	9.2	4.0	0.8	0.1	0.0	402.0	456.2	541.0	687.8	0.0	0.0	19.5	1.6	18.1	0.0
12	42.1	20.1	31.1	4.8	4.0	4.1	0.1	0.0	0.0	0.0	0.0	0.0	740.7	802.7	895.7	1050.7	0.0	0.0	9.3	7.2	29.2	1.1
Summary	66.2	42.4	54.3	4.4	3.2	3.6	3086	2728	2227	1496	895	696	3302	3673	4268	5361	10.3	57.2	276.9	27.0	131.0	5.0

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

Current Location: Elev: 1391 ft. Lat: 39.4575° N Lon: 98.1125° W
Station: **BELOIT, KS US USC00140693**

Summary of Monthly Normals
1991-2020
Generated on 05/23/2024

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	0.68	3.5	1.9	0.3	0.1	0.19	0.66	1.06
02	0.82	4.0	2.2	0.4	0.1	0.25	0.69	1.16
03	1.45	6.0	3.4	0.9	0.1	0.55	1.35	1.94
04	2.60	7.5	5.0	2.1	0.5	1.69	2.31	3.35
05	4.39	10.9	7.7	2.9	1.2	2.50	3.94	6.25
06	3.77	9.3	6.2	2.6	1.1	2.43	3.72	4.61
07	4.84	9.8	7.1	3.1	1.6	1.72	4.30	6.11
08	3.58	8.1	5.5	2.5	1.1	2.30	3.06	4.63
09	2.72	6.6	4.1	1.8	0.8	1.54	2.62	3.32
10	1.98	6.4	3.8	1.3	0.5	0.82	1.32	2.64
11	1.21	4.4	2.8	0.7	0.2	0.31	1.06	1.63
12	1.04	4.0	2.4	0.6	0.2	0.20	0.79	1.70
Summary	29.08	80.5	52.1	19.2	7.5	14.50	25.82	38.40

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

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 1391 ft. Lat: 39.4575° N Lon: 98.1125° W
Station: **BELOIT, KS US USC00140693**

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	4.00	2.2	1.7	0.6	0.2	0.0	5.8	2.2	0.8	0.0	1.80	3.00	6.00
02	3.70	2.0	1.5	0.8	0.5	0.0	4.7	2.2	1.2	0.2	0.00	2.00	7.00
03	1.70	1.0	0.7	0.3	0.1	0.0	1.5	0.6	0.3	0.0	0.00	0.50	2.50
04	0.70	0.2	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.30	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	1.30	0.6	0.5	0.1	0.1	0.0	0.9	0.3	0.1	0.0	0.00	0.00	1.20
12	3.90	1.9	1.5	0.4	0.2	0.0	3.9	1.5	0.7	0.1	0.40	2.30	4.10
Summary	15.6	8.0	6.2	2.3	1.1	0.0	17.0	6.8	3.1	0.3	2.2	7.8	20.8

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

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 1391 ft. Lat: 39.4575° N Lon: 98.1125° W
Station: **BELOIT, KS US USC00140693**

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	15.6	48.7	188.8	410.4	741.0	1054.2	1242.9	1165.4	878.8	496.1	158.7	24.5
45	3.2	21.1	108.0	281.6	587.0	904.2	1087.9	1010.4	729.0	356.4	86.3	6.4
50	0.4	7.9	53.7	172.8	437.1	754.3	932.9	855.5	580.6	233.9	39.6	1.3
55	0.0	2.4	22.6	92.5	299.9	604.6	777.9	700.5	435.9	134.7	15.0	0.1
60	0.0	0.5	7.4	40.3	184.1	456.3	623.0	545.6	300.4	65.8	4.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	25.5	50.7	145.1	255.4	457.7	700.6	827.5	779.3	564.6	315.3	118.1	30.0

Growing Degree Units (Accumulated Monthly)												
40	16	64	253	664	1404	2459	3702	4867	5746	6242	6401	6425
45	3	24	132	414	1001	1905	2993	4003	4732	5089	5175	5181
50	0	8	62	235	672	1426	2359	3215	3795	4029	4069	4070
55	0	2	25	118	417	1022	1800	2500	2936	3071	3086	3086
60	0	0	8	48	232	689	1312	1857	2158	2223	2227	2227
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	26	76	221	477	934	1635	2462	3242	3806	4122	4240	4270

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.