

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 486 ft. Lat: 33.9047° N Lon: 87.3153° W

Station: JASPER, AL US USC00014226

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	52.0	30.6	41.3	3.9	3.9	3.7	14.2	9.1	3.9	0.5	0.0	0.0	438.7	495.7	583.4	735.1	0.0	0.0	18.6	1.1	19.2	0.0
02	56.2	33.5	44.9	4.1	3.8	3.7	18.1	11.3	4.7	0.9	0.1	0.1	302.2	351.4	428.8	565.1	0.0	0.0	19.8	0.4	15.3	0.0
03	65.0	40.5	52.7	4.4	3.1	3.6	82.2	58.4	32.1	8.3	1.0	0.3	152.0	190.2	256.9	388.1	0.0	0.0	28.5	0.2	8.1	0.0
04	73.3	48.0	60.6	2.7	3.1	2.8	205.7	161.9	106.1	39.3	7.1	2.2	36.1	52.4	86.5	169.8	0.0	0.1	29.7	0.0	1.7	0.0
05	80.2	57.6	68.9	2.3	3.2	2.5	432.2	372.1	285.6	159.6	63.5	36.5	1.3	3.2	9.7	38.8	0.0	1.7	31.0	0.0	0.0	0.0
06	86.3	65.7	76.0	2.7	1.4	1.7	629.9	569.9	480.0	331.3	189.9	138.8	0.0	0.0	0.0	1.3	0.0	11.5	30.0	0.0	0.0	0.0
07	89.8	69.6	79.7	2.3	1.4	1.6	765.6	703.6	610.6	455.7	301.0	240.0	0.0	0.0	0.0	0.0	0.2	18.6	31.0	0.0	0.0	0.0
08	89.7	68.5	79.1	3.0	1.9	2.3	747.0	685.0	592.0	437.2	283.8	224.4	0.0	0.0	0.0	0.1	1.1	17.8	31.0	0.0	0.0	0.0
09	84.4	62.2	73.3	3.3	2.3	2.4	549.0	489.3	400.7	259.7	136.8	95.4	0.2	0.5	1.8	10.7	0.0	7.9	30.0	0.0	0.0	0.0
10	74.4	49.4	61.9	2.8	3.1	2.3	247.5	200.1	136.9	58.3	15.1	7.6	33.6	48.1	78.0	154.3	0.0	0.3	31.0	0.0	1.3	0.0
11	63.7	39.0	51.3	4.2	3.7	3.5	63.3	44.2	24.2	7.5	1.0	0.2	172.8	213.7	283.6	417.0	0.0	0.0	27.6	0.0	10.0	0.0
12	54.7	33.2	44.0	4.2	3.9	3.8	20.3	13.0	6.0	1.2	0.1	0.0	362.7	417.5	503.4	653.7	0.0	0.0	22.1	0.4	17.7	0.0
Summary	72.5	49.8	61.1	3.3	2.9	2.8	3775	3318	2683	1760	999	746	1500	1773	2232	3134	1.3	57.9	330.3	2.1	73.3	0.0

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	6.05	10.0	7.8	3.9	2.0	3.86	5.92	7.61	
02	6.01	8.6	7.2	3.5	1.9	3.85	5.99	6.94	
03	5.77	10.0	8.5	3.9	1.9	4.43	5.51	6.90	
04	5.95	8.7	7.1	3.6	2.0	4.39	6.21	6.97	
05	5.31	9.1	7.8	3.8	1.7	2.56	4.76	6.90	
06	4.70	10.3	8.4	3.6	1.5	4.04	4.60	5.14	
07	4.92	10.6	8.6	4.3	1.5	2.68	5.28	6.53	
08	4.00	9.3	7.6	3.0	1.2	2.63	4.03	4.87	
09	4.24	6.9	5.3	2.5	1.4	2.07	3.92	5.02	
10	3.84	6.5	5.3	2.2	1.3	1.81	2.81	5.26	
11	4.99	8.4	7.1	3.7	1.7	3.72	4.54	6.35	
12	5.98	9.7	7.4	4.1	2.0	4.34	6.11	7.01	
Summary	61.76	108.1	88.1	42.1	20.1	40.38	59.68	75.50	

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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	0.10	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
02	0.20	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
03	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
04	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
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	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
12	0.00	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	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	145.0	184.0	407.5	619.9	895.9	1079.9	1230.6	1212.0	998.8	679.6	352.5	181.4
45	76.6	101.9	273.3	472.5	740.9	929.9	1075.6	1057.0	848.8	526.7	230.8	99.3
50	35.7	48.7	163.6	331.7	585.9	779.9	920.6	902.0	698.8	380.1	132.6	48.9
55	14.2	18.1	82.2	205.7	432.2	629.9	765.6	747.0	549.0	247.5	63.3	20.3
60	3.9	4.7	32.1	106.1	285.6	480.0	610.6	592.0	400.7	136.9	24.2	6.0
Growing Degree Units for Corn (Monthly)												
50/86	91.1	121.1	253.9	391.2	591.1	746.1	852.8	833.3	678.1	437.3	227.8	114.1

Growing Degree Units (Accumulated Monthly)												
40	145	329	736	1356	2252	3332	4563	5775	6774	7453	7806	7987
45	77	178	452	924	1665	2595	3671	4728	5576	6103	6334	6433
50	36	84	248	580	1166	1946	2866	3768	4467	4847	4980	5028
55	14	32	114	320	752	1382	2148	2895	3444	3691	3755	3775
60	4	9	41	147	432	912	1523	2115	2516	2653	2677	2683
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	91	212	466	857	1448	2194	3047	3881	4559	4996	5224	5338

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