

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 2730 ft. Lat: 40.1692° N Lon: 79.1411° W
Station: LAUREL SUMMIT, PA US USC00364839

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	30.9	14.4	22.6	4.9	4.9	4.7	0.0	0.0	0.0	0.0	0.0	0.0	1002.4	1064.5	1157.6	1312.7	0.0	0.0	3.0	18.4	28.3	4.6
02	33.9	15.7	24.8	5.0	4.9	4.8	0.5	0.2	0.0	0.0	0.0	0.0	845.8	901.7	985.5	1125.6	0.0	0.0	2.8	15.0	25.8	2.5
03	42.7	22.7	32.7	5.1	4.3	4.5	3.6	1.8	0.6	0.0	0.0	0.0	694.6	754.8	846.8	1001.2	0.0	0.0	9.2	7.3	24.2	0.7
04	56.1	34.1	45.1	3.1	2.1	2.4	30.0	20.5	10.8	2.9	0.4	0.1	327.2	377.7	457.9	599.9	0.0	0.0	21.0	1.0	12.6	0.0
05	64.5	44.9	54.7	4.0	4.4	4.1	106.1	78.4	45.1	11.5	1.4	0.4	115.5	149.7	209.4	330.9	0.0	0.0	28.5	0.0	2.2	0.0
06	71.2	53.4	62.3	1.9	2.0	1.7	232.4	182.2	115.9	38.3	5.6	1.6	13.6	23.3	47.0	119.3	0.0	0.0	30.0	0.0	0.0	0.0
07	74.5	58.2	66.4	3.0	1.9	2.3	351.9	291.1	204.6	84.1	17.7	7.0	0.3	1.5	7.8	42.3	0.0	0.0	31.0	0.0	0.0	0.0
08	73.8	56.8	65.3	2.5	2.4	2.2	320.5	260.8	176.5	65.2	11.4	3.9	1.4	3.7	12.3	56.0	0.0	0.0	31.0	0.0	0.0	0.0
09	68.0	50.7	59.4	2.6	2.7	2.4	167.7	126.4	75.3	23.8	3.0	0.8	37.5	56.1	94.9	193.4	0.0	0.0	29.7	0.0	0.0	0.0
10	57.7	39.2	48.4	2.6	2.8	2.4	40.0	26.5	12.6	2.7	0.1	0.0	243.0	291.5	370.6	515.7	0.0	0.0	23.8	0.3	6.5	0.0
11	45.7	29.2	37.4	4.9	3.6	4.2	4.8	2.7	0.9	0.0	0.0	0.0	531.3	589.2	677.4	826.5	0.0	0.0	13.1	4.3	18.8	0.0
12	35.2	20.1	27.7	5.2	4.8	4.9	0.2	0.0	0.0	0.0	0.0	0.0	847.7	909.7	1002.7	1157.8	0.0	0.0	4.3	14.1	27.2	0.5
Summary	54.5	36.6	45.6	3.7	3.4	3.4	1258	991	642	228	40	14	4660	5123	5870	7281	0.0	0.0	227.4	60.4	145.6	8.3

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	4.41	19.0	12.7	2.1	0.7	3.22	3.84	5.42
02	3.50	14.9	11.0	1.2	0.4	2.50	3.06	4.24
03	4.72	14.7	10.9	2.4	0.8	3.96	5.02	5.77
04	4.87	14.5	11.4	3.3	0.9	3.56	4.54	6.25
05	5.47	15.0	12.6	3.9	1.3	3.81	5.16	7.11
06	5.94	13.8	11.3	3.8	1.3	4.39	5.53	6.64
07	5.14	12.8	10.6	4.1	1.3	3.96	5.00	6.38
08	4.78	12.0	9.4	3.4	1.2	3.41	4.44	5.93
09	4.81	10.8	8.4	2.9	1.5	2.69	3.82	5.94
10	4.23	12.8	10.2	2.9	0.7	2.81	3.86	5.62
11	4.31	12.9	9.4	2.3	0.7	3.20	4.01	5.44
12	4.43	16.4	11.3	2.6	0.5	3.27	4.38	5.50
Summary	56.61	169.6	129.2	34.9	11.3	40.78	52.66	70.24

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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	38.60	16.0	11.7	5.1	2.4	0.3	24.0	19.1	16.3	7.8	29.20	35.50	46.90
02	37.50	13.0	10.1	4.9	2.2	0.4	23.8	20.6	16.8	9.1	24.70	30.50	46.40
03	21.50	9.2	6.5	3.0	1.4	0.2	17.6	13.3	10.0	4.9	7.90	17.90	30.50
04	6.90	3.6	2.3	1.0	0.1	0.0	3.9	1.8	0.7	0.0	1.90	5.20	10.90
05	0.30	0.4	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.10
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	2.40	1.1	0.6	0.3	0.1	0.0	1.0	0.4	0.3	0.0	0.00	0.60	2.20
11	8.10	5.1	2.5	1.0	0.4	0.0	5.8	2.9	1.3	0.0	1.60	6.40	12.70
12	26.90	11.4	7.8	3.7	1.5	0.1	19.6	13.5	8.8	2.3	12.70	24.70	36.40
Summary	142.2	59.8	41.6	19.0	8.1	1.0	95.8	71.6	54.2	24.1	78.0	120.8	186.1

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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	13.5	16.5	61.1	221.4	460.4	669.0	816.7	784.2	581.0	287.6	92.7	21.8
45	4.8	6.4	29.0	131.3	317.0	519.3	661.7	629.2	433.2	176.5	44.6	7.4
50	0.9	1.9	11.9	68.2	195.9	371.6	506.6	474.3	291.8	94.1	16.7	1.8
55	0.0	0.5	3.6	30.0	106.1	232.4	351.9	320.5	167.7	40.0	4.8	0.2
60	0.0	0.0	0.6	10.8	45.1	115.9	204.6	176.5	75.3	12.6	0.9	0.0
Growing Degree Units for Corn (Monthly)												
50/86	5.8	8.9	38.3	134.6	252.9	390.4	509.5	479.7	322.0	150.8	44.8	9.6

Growing Degree Units (Accumulated Monthly)												
40	14	30	91	312	773	1442	2259	3043	3624	3911	4004	4026
45	5	11	40	172	488	1008	1670	2299	2732	2908	2953	2960
50	1	3	15	83	279	650	1157	1631	1923	2017	2034	2036
55	0	0	4	34	140	373	724	1045	1213	1253	1258	1258
60	0	0	1	11	56	172	377	554	629	641	642	642
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	6	15	53	188	440	831	1340	1820	2142	2293	2338	2347

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