

Summary of Monthly Normals
1991-2020

Generated on 04/25/2024

Current Location: Elev: 1400 ft. Lat: 38.6661° N Lon: 78.3728° W
Station: LURAY 5 E, VA US USC00445096

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	43.3	23.0	33.1	4.2	4.1	4.0	2.8	1.3	0.3	0.0	0.0	0.0	680.0	740.5	832.4	987.2	0.0	0.0	10.2	4.9	25.6	0.8
02	47.4	25.6	36.5	4.8	4.1	4.3	3.1	1.7	0.5	0.0	0.0	0.0	521.1	575.7	658.5	798.0	0.0	0.0	12.8	2.5	21.4	0.2
03	54.9	31.5	43.2	4.9	3.5	4.0	20.4	13.4	5.9	1.2	0.1	0.1	386.1	441.1	526.6	676.9	0.0	0.0	20.9	0.7	17.6	0.1
04	66.5	41.0	53.8	2.7	2.2	2.3	95.6	70.5	41.5	13.0	2.5	1.1	133.2	168.1	229.1	350.5	0.0	0.2	28.3	0.0	6.1	0.0
05	74.0	50.1	62.0	3.4	3.4	3.2	244.6	197.6	135.9	57.8	15.0	7.2	26.1	41.0	72.3	149.2	0.0	1.2	31.0	0.0	0.7	0.0
06	81.4	57.9	69.7	1.8	2.0	1.7	440.5	381.8	296.0	165.2	66.1	38.9	1.0	2.3	6.6	25.7	0.0	4.2	30.0	0.0	0.0	0.0
07	85.4	62.0	73.7	2.6	1.9	2.0	579.6	517.7	424.6	271.8	133.9	88.5	0.0	0.0	0.0	2.2	0.2	10.2	31.0	0.0	0.0	0.0
08	83.4	60.9	72.1	2.3	2.1	2.0	531.6	469.7	377.1	227.6	100.0	61.4	0.0	0.1	0.5	6.0	0.0	5.9	31.0	0.0	0.0	0.0
09	77.9	54.3	66.1	3.1	2.5	2.3	339.8	285.1	208.3	102.1	35.4	19.9	6.9	12.2	25.4	69.1	0.0	2.8	30.0	0.0	0.1	0.0
10	67.4	43.4	55.4	2.8	2.6	2.3	110.8	81.4	48.5	16.9	3.9	1.8	98.4	131.0	191.0	314.5	0.0	0.1	30.1	0.0	3.4	0.0
11	56.7	34.0	45.3	4.4	3.0	3.5	21.8	13.3	5.7	0.9	0.1	0.0	311.2	362.8	445.2	590.4	0.0	0.0	22.9	0.1	14.6	0.0
12	47.2	27.6	37.4	4.5	3.8	4.1	6.0	3.5	1.1	0.1	0.0	0.0	551.5	611.0	701.7	855.6	0.0	0.0	13.4	1.9	22.6	0.0
Summary	65.5	42.6	54.0	3.5	2.9	3.0	2397	2037	1545	857	357	219	2716	3086	3689	4825	0.2	24.6	291.6	10.1	112.1	1.1

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

Current Location: Elev: 1400 ft. Lat: 38.6661° N Lon: 78.3728° W
Station: LURAY 5 E, VA US USC00445096

Summary of Monthly Normals
1991-2020
Generated on 04/25/2024

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	2.85	9.5	5.2	1.7	0.9	1.95	2.48	3.18
02	2.45	7.8	5.0	1.6	0.6	1.23	2.13	2.99
03	3.58	11.2	6.4	2.3	0.9	2.41	3.58	4.30
04	3.51	12.0	6.8	2.3	0.7	2.45	3.44	4.08
05	4.21	12.4	8.0	2.6	0.9	2.74	3.79	5.46
06	4.76	11.1	7.4	3.3	1.6	3.35	4.45	5.88
07	4.12	11.1	7.3	2.8	1.2	2.86	3.98	4.70
08	3.77	10.5	6.8	2.6	1.1	2.48	3.28	5.04
09	5.42	9.7	5.8	2.6	1.5	1.51	3.56	6.95
10	3.17	8.7	5.4	1.9	0.9	1.39	2.84	4.62
11	3.21	8.9	5.5	2.1	0.8	2.08	2.80	4.08
12	3.10	9.6	6.2	1.8	0.6	2.14	2.70	3.73
Summary	44.15	122.5	75.8	27.6	11.7	26.59	39.03	55.01

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

Summary of Monthly Normals
1991-2020

Generated on 04/25/2024

Current Location: Elev: 1400 ft. Lat: 38.6661° N Lon: 78.3728° W
Station: LURAY 5 E, VA US USC00445096

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	6.10	1.7	1.2	0.5	0.2	0.1	4.3	1.2	0.7	0.2	1.30	2.80	5.90
02	2.70	1.6	1.3	0.7	0.4	0.1	3.7	2.0	1.4	0.7	0.00	0.80	4.10
03	6.20	1.1	1.0	0.5	0.4	0.1	2.1	1.0	0.7	0.2	0.00	1.00	5.60
04	0.10	0.1	0.1	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	0.10	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	0.40	0.2	0.2	0.1	0.1	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
12	3.00	0.9	0.8	0.4	0.1	0.0	1.8	0.7	0.1	0.0	0.00	1.00	4.70
Summary	18.6	5.7	4.7	2.2	1.2	0.3	12.3	5.0	2.9	1.1	1.3	5.6	20.3

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

Summary of Monthly Normals
1991-2020

Generated on 04/25/2024

Current Location: Elev: 1400 ft. Lat: 38.6661° N Lon: 78.3728° W

Station: LURAY 5 E, VA US USC00445096

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	51.7	71.9	180.9	420.1	683.6	889.4	1044.5	996.5	782.8	480.1	207.9	84.0
45	23.0	32.6	102.4	288.1	528.8	739.4	889.6	841.6	633.0	336.0	117.2	41.2
50	9.3	11.9	50.0	177.9	379.1	589.4	734.6	686.6	484.1	208.0	57.0	18.3
55	2.8	3.1	20.4	95.6	244.6	440.5	579.6	531.6	339.8	110.8	21.8	6.0
60	0.3	0.5	5.9	41.5	135.9	296.0	424.6	377.1	208.3	48.5	5.7	1.1
Growing Degree Units for Corn (Monthly)												
50/86	34.5	50.2	123.8	261.7	422.2	583.6	705.8	669.6	498.2	291.6	130.9	51.3

Growing Degree Units (Accumulated Monthly)												
40	52	124	304	725	1408	2298	3342	4339	5121	5602	5809	5893
45	23	56	158	446	975	1714	2604	3446	4078	4414	4532	4573
50	9	21	71	249	628	1218	1952	2639	3123	3331	3388	3406
55	3	6	26	122	366	807	1387	1918	2258	2369	2391	2397
60	0	1	7	48	184	480	905	1282	1490	1539	1544	1545
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	34	85	208	470	892	1476	2182	2851	3350	3641	3772	3823

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.