

Summary of Monthly Normals
1981-2010

Generated on 04/26/2024

Current Location: Elev: 1925 ft. Lat: 36.6687° N Lon: 81.9646° W
Station: **ABINGDON 3 S, VA US USC00440021**

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	22.9	33.1	4.7	3.8	4.1	1	-7777	-7777	0	0	0	680	741	834	989	0.0	0.0	9.4	5.2	25.1	0.8
02	47.5	26.1	36.8	4.1	3.1	3.3	2	1	-7777	0	0	0	511	566	650	789	0.0	0.0	12.4	3.0	20.9	0.1
03	56.7	32.4	44.5	3.7	2.7	2.9	18	10	4	-7777	-7777	0	342	396	482	634	0.0	0.0	22.2	0.5	15.2	0.1
04	66.0	40.6	53.3	3.8	2.7	2.8	86	61	32	6	-7777	-7777	137	172	233	357	0.0	0.0	26.9	-7777	5.9	0.0
05	74.3	49.6	62.0	3.2	3.4	3.0	241	192	127	47	8	2	26	38	66	142	0.0	0.0	30.8	0.0	0.4	0.0
06	81.5	58.4	70.0	2.0	2.1	1.4	449	390	303	168	60	30	1	2	4	19	0.0	1.0	30.0	0.0	0.0	0.0
07	84.2	61.8	73.0	2.4	2.0	1.8	558	496	403	250	110	65	0	0	-7777	2	0.0	3.3	31.0	0.0	0.0	0.0
08	83.8	60.6	72.2	2.8	1.9	2.0	533	471	378	226	92	52	-7777	-7777	-7777	3	0.0	2.7	31.0	0.0	0.0	0.0
09	77.9	53.3	65.6	2.7	2.3	2.0	327	273	197	90	23	9	9	15	29	72	0.0	0.6	30.0	0.0	0.1	0.0
10	67.8	41.5	54.6	3.1	4.3	3.3	98	69	37	9	1	-7777	109	142	203	330	0.0	0.0	29.9	0.0	5.1	0.0
11	56.9	33.2	45.1	4.5	3.3	3.4	18	10	4	1	-7777	-7777	316	369	452	599	0.0	0.0	22.2	0.3	14.6	0.0
12	46.1	25.5	35.8	5.3	4.6	4.7	3	2	-7777	0	0	0	598	659	751	905	0.0	0.0	11.8	3.3	23.2	0.3
Summary	65.5	42.2	53.8	3.5	3.0	2.9	2334	1975	1485	797	294	158	2729	3100	3704	4841	0.0	7.6	287.6	12.3	110.5	1.3

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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	3.67	11.7	8.5	2.7	0.7	2.91	3.52	4.60	
02	3.74	10.9	8.2	2.2	0.6	2.48	3.26	4.59	
03	4.04	12.3	8.7	2.7	0.7	2.67	3.75	4.74	
04	3.94	12.1	8.6	2.8	0.6	2.78	3.66	4.91	
05	4.61	12.8	9.5	3.3	0.9	3.15	4.18	5.97	
06	4.06	11.6	8.6	2.9	0.6	2.87	4.19	5.01	
07	5.03	11.8	9.4	3.7	1.2	3.91	4.96	5.89	
08	3.60	10.3	7.5	2.8	0.5	2.65	3.07	4.49	
09	3.35	8.7	6.2	2.3	0.8	1.87	3.21	4.85	
10	2.41	8.0	5.6	1.5	0.4	1.56	2.63	3.11	
11	3.30	9.8	7.0	2.2	0.8	2.08	3.16	4.47	
12	3.89	11.7	8.3	2.6	0.6	2.93	3.82	5.06	
Summary	45.64	131.7	96.1	31.7	8.4	31.86	43.41	57.69	

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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	4.8	2.9	1.8	0.7	0.4	-7777	5.2	2.7	1.5	0.4	1.0	1.8	5.5
02	3.9	1.8	1.1	0.6	0.2	-7777	3.3	1.6	0.7	0.2	0.5	2.5	6.5
03	1.4	0.9	0.5	0.1	0.1	-7777	0.9	0.4	0.2	0.1	0.0	0.0	2.0
04	0.1	0.2	0.1	-7777	0.0	0.0	0.3	0.2	0.1	0.1	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	-7777	-7777	0.0	0.0	0.0	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
11	-7777	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
12	2.3	1.7	1.0	0.3	0.1	0.0	3.2	0.7	0.2	0.0	0.0	1.3	3.9
Summary	12.5	7.7	4.5	1.7	0.8	0.0	13.1	5.6	2.7	0.8	1.5	5.6	17.9

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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	46	68	205	409	681	898	1023	998	768	459	205	71
45	16	28	114	280	527	748	868	843	618	317	113	31
50	4	9	52	170	377	598	713	688	470	194	52	11
55	1	2	18	86	241	449	558	533	327	98	18	3
60	-7777	-7777	4	32	127	303	403	378	197	37	4	-7777
Growing Degree Units for Corn (Monthly)												
50/86	32	51	140	256	423	595	696	673	493	293	136	46

Growing Degree Units (Accumulated Monthly)												
40	46	114	319	728	1409	2307	3330	4328	5096	5555	5760	5831
45	16	44	158	438	965	1713	2581	3424	4042	4359	4472	4503
50	4	13	65	235	612	1210	1923	2611	3081	3275	3327	3338
55	1	3	21	107	348	797	1355	1888	2215	2313	2331	2334
60	0	0	4	36	163	466	869	1247	1444	1481	1485	1485
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	32	83	223	479	902	1497	2193	2866	3359	3652	3788	3834

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