

GROWTH Station : MADISON, WV5563

Start yr. - 1961 End yr. - 1990

Requested years of data: 30

Available years of data: 30

Years with missing data

24 deg = 0, 28 deg = 0, 32 deg = 0

Years with no occurrence

24 deg = 0, 28 deg = 0, 32 deg = 0

Data years used

24 deg = 30, 28 deg = 30, 32 deg = 30

	Daily Minimum Temperature		
Probability	# days > 24F	# days > 28F	# days > 32F
9 years in 10	194	172	154
8 years in 10	203	180	160
5 years in 10	220	196	173
2 years in 10	237	212	185
1 year in 10	246	220	191

FROST Station : MADISON, WV5563
 Start yr. - 1961 End yr. - 1990
 Requested years of data: 30

Available years of data: 30

Spring:

Years of missing data 24 deg = 0, 28 deg = 0, 32 deg = 0
 Years with no occurrence 24 deg = 0, 28 deg = 0, 32 deg = 0
 Data years used 24 deg = 30, 28 deg = 30, 32 deg = 30

Fall:

Years of missing data 24 deg = 0, 28 deg = 0, 32 deg = 0
 Years with no occurrence 24 deg = 0, 28 deg = 0, 32 deg = 0
 Data years used 24 deg = 30, 28 deg = 30, 32 deg = 30

Probability	Temperature		
	24F or lower	28F or lower	32F or lower
Last freezing temperature in spring:			
1 year in 10 later than--	April 15	April 29	May 10
2 year in 10 later than--	April 10	April 24	May 6
5 year in 10 later than--	March 30	April 15	April 28
First freezing temperature in fall:			
1 yr in 10 earlier than--	October 22	October 12	October 4
2 yr in 10 earlier than--	October 27	October 18	October 9
5 yr in 10 earlier than--	November 6	October 29	October 19

TAPS Station : MADISON, WV5563

Start yr. - 1961 End yr. - 1990

Temperature: 30 years available out of 30 requested in this analysis

Precipitation: 30 years available out of 30 requested in this analysis

Month	Temperature (Degrees F.)						Precipitation (Inches)				
	2 yrs in 10						2 yrs in 10				
	will have						will have				
	avg	avg	avg	max	min	grow	avg	less	more	# of	avg
daily	daily		temp.	temp.	deg		than	than	days	total	
max	min		>than	<than	days*				more		
January	41.4	20.7	31.0	71	-8	43	2.98	1.75	4.08	7	8.8
February	46.3	22.9	34.6	75	-1	67	3.14	1.91	4.24	7	6.5
March	58.1	31.4	44.8	84	10	215	3.58	2.38	4.68	8	2.3
April	68.5	39.5	54.0	90	22	425	3.88	2.52	5.12	8	1.0
May	76.8	48.8	62.8	91	30	706	4.60	2.93	6.12	9	0.0
June	83.2	57.8	70.5	94	42	914	4.30	2.35	6.03	8	0.0
July	86.2	62.8	74.5	96	49	1068	5.29	3.41	6.99	8	0.0
August	85.3	61.8	73.5	95	48	1040	4.07	2.41	5.55	7	0.0
September	79.6	54.9	67.2	93	37	817	3.74	1.91	5.34	7	0.0
October	68.9	41.5	55.2	86	22	474	3.04	1.44	4.42	6	0.1
November	57.5	32.9	45.2	81	14	212	3.60	2.06	4.97	7	0.8
December	46.0	25.3	35.7	73	1	82	3.51	1.83	4.98	7	3.5
Yearly :											
Average	66.5	41.7	54.1	---	---	---	---	---	---	---	---
Extreme	101	-16	---	97	-10	---	---	---	---	---	---
Total	---	---	---	---	---	6064	45.72	40.25	50.59	89	23.0

Average # of days per year with at least 1 inch of snow on the ground: 19

*A growing degree day is a unit of heat available for plant growth. It can be calculated by adding the maximum and minimum daily temperatures, dividing the sum by 2, and subtracting the temperature below which growth is minimal for the principal crops in the area (Threshold : 40.0 deg. F)