

CMG GardenNotes #745

Climate Summary: Eagle and Glenwood Springs, Colorado

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual	
<u>Average Monthly Temperatures¹</u> (degrees F)														
Vail	average daily high	30	35	43	51	62	72	77	76	68	56	38	29	53
	average daily low	5	8	16	23	31	35	40	40	33	24	13	6	23
Eagle FAA	average daily high	35	41	50	59	69	80	85	83	75	63	45	35	60
	average daily low	5	12	21	27	34	41	47	45	37	27	17	6	27
Glenwood Springs	average daily high	37	44	53	62	71	82	88	86	78	65	47	37	63
	average daily low	13	19	26	31	39	45	52	51	43	33	23	15	33
Rifle	average daily high	38	46	56	64	73	84	90	88	79	67	49	39	65
	average daily low	10	18	25	31	39	46	52	51	42	31	22	12	31

Average Total Monthly Precipitation¹ (inches)

Vail	1.8	2.2	1.8	2.1	2.0	1.6	2.0	1.8	1.8	1.6	1.7	1.6	1.6	22.0
Eagle FAA	0.8	0.7	0.8	0.8	1.0	0.8	1.3	1.1	1.1	1.0	0.8	0.9	0.9	10.9
Glenwood Springs 1.5	1.3	1.4	1.7	1.9	1.3	1.2	1.4	1.8	1.8	1.4	1.5	1.5	18.2	
Rifle	0.9	0.9	1.0	1.1	1.2	0.8	1.1	1.1	1.2	1.3	1.1	1.1	1.1	12.8

¹Based on the 30 year period 1971 to 2000

	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sept</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Annual</u>
<u>Average Total Monthly Snowfall²</u> (inches)													
Vail	33.6	34.1	24.7	21.2	4.1	0.3	0.0	0.0	1.1	7.5	31.1	26.6	184.3
Eagle FFA	10.5	6.2	6.8	3.7	1.2	0.1	0.0	0.0	0.5	2.2	6.2	10.3	47.7
Glenwood Springs	11.3	6.7	1.9	0.3	0.0	0.0	0.0	0.0	1.1	5.3	15.3	60.2	
Rifle	11.1	7.7	3.7	0.8	0.0	0.0	0.0	0.0	0.0	0.5	3.8	11.1	38.6

²Vail based on period 1985 to 2005, Eagle based on period 1948 to 2005, Glenwood Springs based on the period 1900 to 2005, Rifle based on period of 1910 to 2005

Frost Probability and Length of Growing Season³

	<u>Spring Frost Probability</u>			<u>Fall Frost Probability</u>			<u>Length of "Frost Free" Season (days)</u>		
	90%	50%	10%	10%	50%	90%	90%	50%	10%
Vail	June 11	June 26	July 23	Aug 27	Sept 10	Sept 22	57	79	93
	May 14	June 7	June 29	Sept 2	Sept 20	Sept 28	76	108	136
	Apr 29	May 14	June 2	Sept 14	Sept 23	Oct 7	121	134	153
Eagle	May 31	June 12	June 30	Aug 21	Sept 8	Sept 20	53	86	111
	May 13	May 27	June 10	Sept 1	Sept 16	Sept 30	94	112	131
	Apr 26	May 15	May 28	Sept 18	Sept 29	Oct 13	115	139	163
Glenwood Springs	May 1	May 19	June 10	Sept 13	Sept 26	Oct 14	104	130	153
	Apr 16	May 1	May 28	Sept 19	Oct 7	Oct 24	127	158	182
	March 30	Apr 16	May 7	Oct 6	Oct 23	Nov 5	157	191	212
Rifle	May 5	May 19	June 14	Sept 12	Sept 23	Oct 8	92	126	150
	Apr 20	May 8	May 19	Sept 19	Oct 5	Oct 19	128	152	173
	Apr 1	April 21	May 12	Sept 30	Oct 19	Nov 1	156	181	206

³Based on the 30 year period 1971 to 2000

Typical planting and harvest period based on average frost dates and normal temperatures

	Late April	Early May	Mid May	Late May	Early June	Mid June	Late June	Early July	Mid July	Late July	Early Aug.	Mid Aug.	Late Aug.	Early Sept.	Mid Sept.	Late Sept.
Vail								FROST				FROST				
	40-50 day, cool season crops (spinach, lettuce, kohlrabi)															

	Late April	Early May	Mid May	Late May	Early June	Mid June	Late June	Early July	Mid July	Late July	Early Aug.	Mid Aug.	Late Aug.	Early Sept.	Mid Sept.	Late Sept.
Eagle																
	40-45 day, cool season crops (spinach, lettuce)															
	50-60 day, cool season crops (kohlrabi, beets, broccoli, cabbage, carrots, cauliflower, chard)															
	65-70 day, cool season crops (peas)															
	75 day, cool season crops															
	50 day, semi-tender, warm season crops (summer squash)															
	55 day, semi-tender, warm season crops															
	60 day, semi-tender, warm season crops (cucumbers)															
	60-65 day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard, peas)															
	FROST															
	50-55 day, cool season crops (kohlrabi)															
	40-45 day, cool season crops (spinach, lettuce)															
	FROST															

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 Source: Colorado Climate Center at www.wfccc.dri.edu/summary/climsmco.html

- o CMG GardenNotes are available online at www.cmg.colostate.edu.
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