



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 Temperatures</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	
<u>Average Total Monthly Precipitation</u> (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	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	10.9	
Glenwood Springs		1.3	1.4	1.7	1.9	1.3	1.2	1.4	1.8	1.8	1.4	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	12.8	

	<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>
Average Total Monthly Snowfall (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 18.1	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

Frost Probability and Length of Growing Season

		<u>Spring Frost Probability</u>			<u>Fall Frost Probability</u>			<u>Length of "Frost Free" Season (days)</u>		
		<u>90%</u>	<u>50%</u>	<u>10%</u>	<u>10%</u>	<u>50%</u>	<u>90%</u>	<u>90%</u>	<u>50%</u>	<u>10%</u>
Vail	32° threshold	June 11	June 26	July 23	Aug 27	Sept 10	Sept 22	57	79	93
	28° threshold	May 14	June 7	June 29	Sept 2	Sept 20	Sept 28	76	108	136
	24° threshold	Apr 29	May 14	June 2	Sept 14	Sept 23	Oct 7	121	134	153
Eagle	32° threshold	May 31	June 12	June 30	Aug 21	Sept 8	Sept 20	53	86	111
	28° threshold	May 13	May 27	June 10	Sept 1	Sept 16	Sept 30	94	112	131
	24° threshold	Apr 26	May 15	May 28	Sept 18	Sept 29	Oct 13	115	139	163
Glenwood Springs	32° threshold	May 1	May 19	June 10	Sept 13	Sept 26	Oct 14	104	130	153
	28° threshold	Apr 16	May 1	May 28	Sept 19	Oct 7	Oct 24	127	158	182
	24° threshold	March 30	Apr 16	May 7	Oct 6	Oct 23	Nov 5	157	191	212
Rifle	32° threshold	May 5	May 19	June 14	Sept 12	Sept 23	Oct 8	92	126	150
	28° threshold	Apr 20	May 8	May 19	Sept 19	Oct 5	Oct 19	128	152	173
	24° threshold	Apr 1	April 21	May 12	Sept 30	Oct 19	Nov 1	156	181	206

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)							

Prepared by David Whiting Extension Consumer Horticulture Specialist (retired), Department of Horticulture and LA, Colorado State University
 Source: Colorado Climate Center at www.wrcc.dri.edu/summary/climsmco.html

- o CMG GardenNotes are available online at www.cmg.colostate.edu.
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	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.	
Glenwood Springs	40 day, cool season crops (spinach)																
	45-55 day, cool season crops (lettuce, kohlrabi)																
	60-65 day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard, peas)																
	70-75 day, cool season crops																
			50-55 day, semi-tender, warm season crops (summer squash)														
			60-65 day, semi-tender warm season crops (cucumbers)														
			70 day, semi-tender, warm season crops (beans)														
			75-80 day, semi-tender, warm season crops (corn)														
			85 day, semi-tender, warm season crops														
				70 day, tender, warm season crops (tomatoes, peppers, eggplant)													
				75-80 day, tender, warm season crops (corn, cantaloupe, watermelon)													
				85 day, tender, warm season crops (winter squash)													
								70-75 day, cool season crops									
				FROST						55-65 day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard, peas)							
										45-50 day, cool season crops (lettuce, kohlrabi)							
									40 day, cool season crops (spinach)								

FROST

	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.			
Rifle				40-45 day, cool season crops (spinach, lettuce)															
				50-55 day, cool season crops (kohlrabi)															
				60-70 day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard, peas)															
				75-80 day, cool season crops															
				50 day, semi-tender, warm season crops (summer squash)															
				55-60 day, semi-tender, warm season crops (cucumbers)															
				65-70 day, semi-tender, warm season crops (beans)															
				75-80 day, semi-tender, warm season crops (corn)															
				FROST				70 day, tender, warm season crops (tomatoes, peppers, eggplant)											
								75-80 day, tender, warm season crops (cantaloupe, watermelon)											
								85 day, tender, warm season crops (winter squash)											
				FROST				70-75 day, cool season crops											
								55-65 day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard, peas)											
								45-50 day, cool season crops (lettuce, kohlrabi)											
			FROST				40 day, cool season crops (spinach)												