

CMG GardenNotes #745

## Climate Summary: Eagle and Glenwood Springs, Colorado

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual	
<b><u>Average Monthly Temperatures</u></b> (degrees F)															
<b>Vail</b>	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	
<b>Eagle FAA</b>	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	
<b>Glenwood Springs</b>	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	
<b>Rifle</b>	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	
<b><u>Average Total Monthly Precipitation</u></b> (inches)															
<b>Vail</b>		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	
<b>Eagle FAA</b>		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	
<b>Glenwood Springs</b>	1.5	1.3	1.4	1.7	1.9	1.3	1.2	1.4	1.8	1.8	1.4	1.5	18.2		
<b>Rifle</b>		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>
<b><u>Average Total Monthly Snowfall</u></b> (inches)													
<b>Vail</b>	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
<b>Eagle FFA</b>	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
<b>Glenwood Springs 18.1</b>	11.3	6.7	1.9	0.3	0.0	0.0	0.0	0.0	1.1	5.3	15.3	60.2	
<b>Rifle</b>	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>
<b>Vail</b>	32° threshold	June 11	<b>June 26</b>	July 23	Aug 27	<b>Sept 10</b>	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
<b>Eagle</b>	32° threshold	May 31	<b>June 12</b>	June 30	Aug 21	<b>Sept 8</b>	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
<b>Glenwood Springs</b>	32° threshold	May 1	<b>May 19</b>	June 10	Sept 13	<b>Sept 26</b>	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
<b>Rifle</b>	32° threshold	May 5	<b>May 19</b>	June 14	Sept 12	<b>Sept 23</b>	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.
<b>Vail</b>								<b>FROST</b>				<b>FROST</b>				
	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.			
<b>Eagle</b>				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)											
							<b>FROST</b>	50-55 day, cool season crops (kohlrabi)											
								40-45 day, cool season crops (spinach, lettuce)											

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 Source: Colorado Climate Center at [www.wrcc.dri.edu/summary/climsmco.html](http://www.wrcc.dri.edu/summary/climsmco.html)

- o CMG GardenNotes are available online at [www.cmg.colostate.edu](http://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.	
<b>Glenwood Springs</b>	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)												
				<b>FROST</b>				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)									
							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.						
<b>Rifle</b>		40-45 day, cool season crops (spinach, lettuce)																<b>FROST</b>				
		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)																	
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					65-70 day, semi-tender, warm season crops (beans)																	
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					75-80 day, tender, warm season crops (cantaloupe, watermelon)																	
					85 day, tender, warm season crops (winter squash)																	
											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)								
												40 day, cool season crops (spinach)										