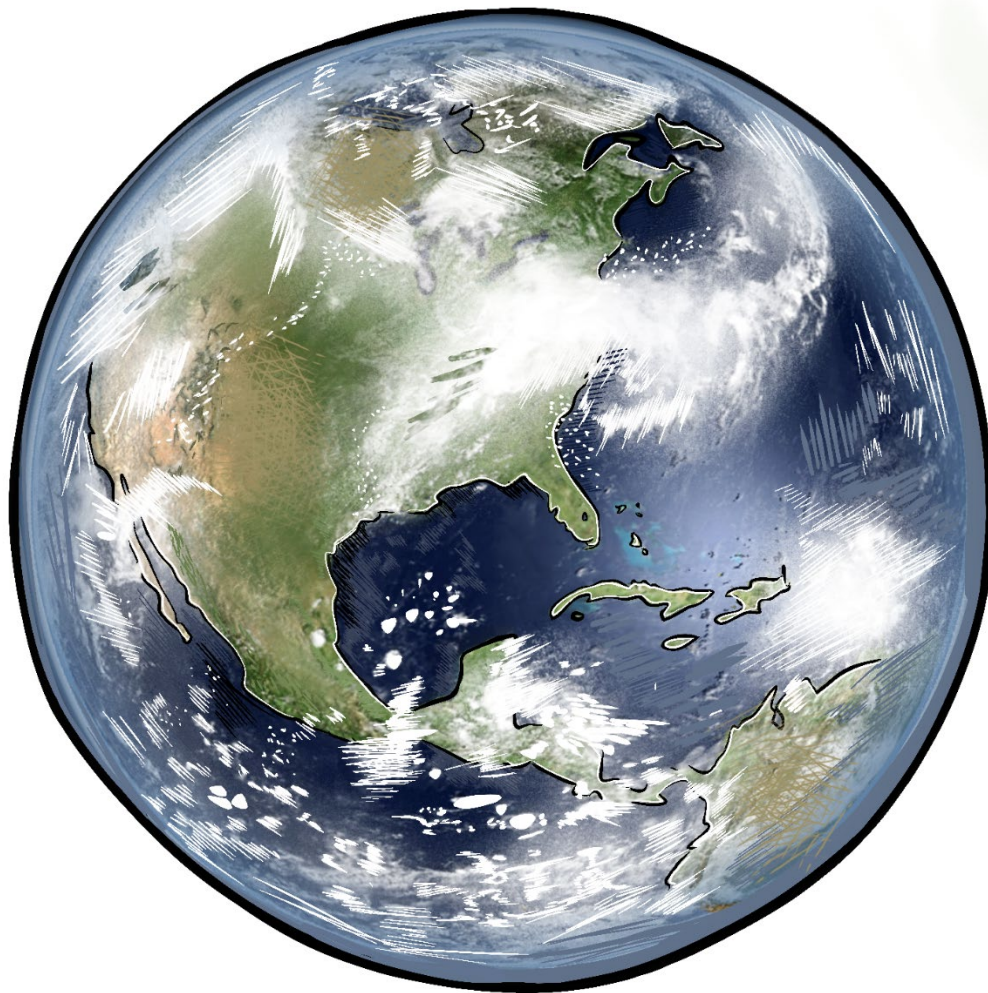




MASTER GARDENER
COLORADO STATE UNIVERSITY
EXTENSION

CMG GardenNotes #740-755

Climate Summaries



Earth (view of the southwest) showing weather systems
Artwork by Melissa Schreiner © 2023

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CMG GardenNotes #741

Climate Summary: Boulder and Longmont, Colorado

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
<u>Monthly Temperatures</u>														
Boulder	average extreme high	64	67	72	80	86	94	97	94	90	81	71	67	
	normal high	45	48	55	62	71	82	87	85	77	66	52	46	65
	normal low	19	23	28	35	43	52	57	56	48	38	28	22	38
	average extreme low	-4	0	9	18	31	41	49	48	32	21	6	0	
Longmont	average extreme high	63	67	75	82	89	97	100	98	94	84	73	64	
	normal daily high	42	47	54	62	72	83	89	87	78	66	52	44	65
	normal daily low	12	17	24	32	42	51	55	53	44	33	22	14	33
	average extreme low	-9	-5	6	17	30	40	48	46	31	19	4	-8	

Note: Climate averages/norms are based on a 30 year period.

Site Information	Station	Number	Elevation	Latitude	Longitude
	Boulder	50848	5400	40° 01'	105° 16'
	Longmont	55116	4950	40° 10'	105° 04'

		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
--	--	-----	-----	-----	-----	-----	------	------	-----	------	-----	-----	-----	--------

Total Monthly Precipitation (inches)

Boulder	normal	0.7	0.7	1.8	2.7	2.9	2.0	1.9	1.7	1.9	1.3	1.5	0.8	19.71
	maximum*	2.2	2.4	5.2	6.0	9.6	6.0	4.8	5.5	4.3	4.3	3.5	2.2	29.4
Longmont	normal	0.4	0.4	1.2	2.0	2.4	1.7	1.1	1.4	1.5	0.8	0.8	0.6	14.4
	maximum*	1.4	1.5	4.7	4.8	7.0	5.1	3.5	4.8	3.8	4.8	2.5	1.7	20.9

Total Monthly Snowfall (inches)

Boulder	normal	10.9	9.9	16.9	12.0	1.1	0	0	0	2.1	4.7	16.0	11.8	83.6
	maximum*	29.1	28.8	56.7	38.6	23.0	0	0	0	21.0	30.1	44.6	31.5	125.3
Longmont	normal	5.2	3.4	5.5	4.7	0.5	0	0	0	0.5	1.2	5.5	7.1	32.3
	maximum*	13.8	13.8	26.0	19.0	8.0	0	0	0	10.0	12.0	22.0	32.0	72.0

Frost Probability and Growing Season Length Summary

		<u>Spring Frost Probability</u>			<u>Fall Frost Probability</u>			<u>Length of Growing Season (days)</u>		
		90%	50%	10%	10%	50%	90%	10%	50%	90%
Boulder	32° threshold	Apr 22	May 3	May 13	Sept 18	Oct 1	Oct 15	133	152	171
	28° threshold	Apr 8	Apr 21	May 5	Sept 23	Oct 11	Oct 28	154	172	191
	24° threshold	Mar 31	Apr 11	Apr 22	Sept 27	Oct 19	Nov 11	169	191	213
Longmont	32° threshold	Apr 22	May 05	May 17	Sept 15	Sept 27	Oct 9	127	145	163
	28° threshold	Apr 10	Apr 24	May 8	Sept 22	Oct 9	Oct 25	146	168	190
	24° threshold	Mar 31	Apr 15	Apr 29	Sept 29	Oct 17	Nov 4	165	185	206

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

Mid April	Late April	Early May FROST	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.	Early Oct. FROST
40-45 day, cool season crops (spinach, lettuce)							75 day, cool season crops									
50-55 day, cool season crops (kohlrabi)							65-70 day, cool season crops (peas)									
60-70 day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard, peas)									50-60 day, cool season crops (kohlrabi, beets, broccoli, cabbage, carrots, cauliflower, chard,)							
75 day, cool season crops									40-45 day, cool season crops (spinach, lettuce)							
50-55 day, semi-tender, warm season crops (summer squash)																
60-65 day, semi-tender, warm season crops (cucumbers)																
70-75 day, semi-tender, warm season crops (beans, corn)																
80-85 day, semi-tender, warm season crops (corn)																
70 day, tender, warm season crops (tomatoes, peppers, eggplant)																
75-80 day, tender, warm season crops (cantaloupe, watermelon)																
85-90 day, tender, warm season crops (cantaloupe, watermelon, winter squash)																
95-100 day, tender, warm season crops (winter squash)																

Prepared by David Whiting, Extension Consumer Horticulture Specialist (retired), Department of Horticulture and LA, Colorado State University

Source: Colorado Climate Center at <http://ccc.atmos.colostate.edu>

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CMG GardenNotes #742

Climate Summary: Castle Rock, Littleton, and Parker, Colorado

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
<u>Monthly Temperatures</u>														
Castle Rock	average extreme high	63	65	71	77	84	92	95	92	87	81	72	65	
	normal daily high	45	48	53	59	69	80	86	84	76	66	53	46	63
	normal daily low	13	17	23	30	39	48	53	51	43	31	21	14	32
	average extreme low	-12	-6	1	12	26	35	45	44	27	15	0	-8	
Littleton	average extreme high	65	71	74	82	85	94	96	94	89	81	73	65	
	normal daily high	43	48	54	63	69	80	86	83	75	64	51	44	63
	normal daily low	16	19	28	35	43	53	58	56	46	34	23	15	36
	average extreme low	-6	-5	9	19	30	41	50	49	32	19	7	-6	
Parker	average extreme high	62	64	71	77	83	92	95	93	88	80	71	64	
	normal daily high	42	46	52	60	69	80	85	84	76	65	50	44	63
	normal daily low	17	20	25	32	41	50	57	55	47	36	25	18	35
	average extreme low	-8	-3	4	13	27	37	47	46	31	17	4	-5	

Note: Weather averages/norms are based on a 30 period.

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
<u>Total Monthly Precipitation</u> (inches)														
Castle Rock	normal	0.5	0.5	1.5	1.8	2.4	2.0	2.3	2.1	1.2	1.1	1.0	0.7	17.8
	maximum	1.3	2.0	4.4	6.7	7.3	4.6	4.9	5.5	2.9	2.9	2.6	2.3	24.7
Littleton	normal	0.3	0.5	1.4	1.5	2.8	1.8	1.9	2.0	1.1	1.2	1.2	0.6	16.4
	maximum	0.7	1.2	4.2	3.0	4.3	4.6	3.9	4.2	2.2	4.5	3.8	1.5	24.2
Parker	normal	0.3	0.3	1.0	1.4	2.7	2.1	2.3	2.2	1.2	0.9	0.8	0.3	15.2
	maximum	1.4	1.1	4.0	2.5	6.6	4.0	5.7	6.0	4.4	4.2	2.7	1.7	21.6
<u>Total Monthly Snowfall</u> (inches)														
Castle Rock	normal	6.0	6.0	11.2	9.1	1.1	0	0	0	0.8	3.3	9.6	10.4	56.9
	maximum	18.0	21.0	50.0	25.5	12.0	0	0	0	11.5	11.9	38.5	43.0	117.3
Littleton	normal	8.8	7.8	11.9	7.8	0.6	0	0	0	0.9	3.0	13.0	12.7	66.4
	maximum	21.5	18.0	32.0	15.0	4.0	0	0	0	10.0	12.0	40.8	36.0	101.1
Parker	normal	4.7	4.2	9.0	9.6	2.1	0.2	0	0	1.4	5.1	9.1	5.7	56.2
	maximum	18.0	13.0	43.0	20.0	14.0	6.0	0	0	17.0	43.0	35.0	21.0	113.0

Prepared by David E Whiting, Extension Consumer Horticulture Specialist (retired), Department of Horticulture and LA, Colorado State University
Source: Colorado Climate Center at <http://ccc.atmos.colostate.edu>

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Frost Probability and Growing Season Length Summary

		Spring Frost Probability			Fall Frost Probability			Length of Growing Season (days)		
		90%	50%	10%	10%	50%	90%	10%	50%	90%
Byers	32° threshold	Apr 27	May 10	May 23	Sept 13	Sept 26	Oct 10	118	139	160
	28° threshold	Apr 21	May 2	May 12	Sept 19	Oct 3	Oct 16	136	154	172
	24° threshold	Apr 6	Apr 22	May 9	Sept 28	Oct 15	Nov 1	152	176	200
Castle Rock	32° threshold	May 5	May 25	June 14	Sept 10	Sept 23	Oct 6	94	121	148
	28° threshold	Apr 21	May 7	May 24	Sept 16	Sept 29	Oct 12	120	145	169
	24° threshold	Apr 19	Apr 29	May 10	Sept 16	Oct 7	Oct 28	135	161	186
Kassler	32° threshold	Apr 28	May 14	May 29	Sept 13	Sept 27	Oct 12	115	137	159
	28° threshold	Apr 16	Apr 26	May 5	Sept 23	Oct 12	Oct 31	149	169	190
	24° threshold	Apr 3	Apr 18	May 2	Sept 30	Oct 18	Nov 4	160	183	206
Littleton	32° threshold	Apr 19	Apr 30	May 11	Sept 18	Oct 1	Oct 14	137	154	172
	28° threshold	Apr 6	Apr 20	May 4	Sept 30	Oct 11	Oct 22	158	174	189
	24° threshold	Mar 25	Apr 8	Apr 23	Oct 5	Oct 19	Nov 3	176	194	212
Parker	32° threshold	Apr 29	May 17	June 4	Sept 11	Sept 26	Oct 10	104	132	160
	28° threshold	Apr 19	May 2	May 15	Sept 20	Oct 6	Oct 23	135	158	181
	24° threshold	Apr 11	Apr 25	May 9	Sept 29	Oct 15	Oct 31	152	173	194

Site Information	Station	Number	Elevation	Latitude	Longitude
	Byers	#51179	5200	39° 42'	104° 13'
	Castle Rock	#51401	6250	39° 22'	104° 52'
	Kassler	#54452	5500	39° 30'	105° 6'
	Littleton	#55056	5360	39° 37'	105° 1'
	Parker	#56326	6300	39° 31'	104° 39'

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

Castle Rock																				
Mid April	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.	Early Oct.			
			40 day, cool season crops, (spinach)																	
			45-50 day, cool season crops (lettuce, kohlrabi)																	
			55-60 day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard)																	
			65-75 day, cool season crops (peas)																	
			50-55 day, semi-tender, warm season crops (summer squash)																	
			60-65 day, semi-tender, warm season crops (cucumbers)																	
			70-75 day, semi-tender, warm season crops (beans, corn)																	
			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 day, tender, warm season crops (tomatoes)																	
			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)																
				40 day, cool season crops (spinach)																

FROST

Littleton																		
Mid April	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.	Early Oct.	
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)																		
75-80 day, cool season crops																		
FROST	50-55 day, semi-tender, warm season crops (summer squash)																	
	60-65 day, semi-tender, warm season crops (cucumbers)																	
	70-75 day, semi-tender, warm season crops (beans, corn)																	
	80-85 day, semi-tender, warm season crops (corn)																	
	70 day, tender, warm season crops (tomatoes, peppers, eggplant)																	
	75-80 day, tender, warm season crops (tomatoes, cantaloupe, watermelon)																	
	80-90 day, tender, warm season crops (cantaloupe, watermelon, winter squash)																	
	95 day, tender, warm season crops (winter squash)																	
	100 day, tender, warm season crops																	
									75 day, cool season crops									
									60-70 day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard, peas)									
									50-55 day, cool season crops (kohlrabi)									
								40-45 day, cool season crops (spinach, lettuce)										
																	FROST	

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



MASTER GARDENER
COLORADO STATE UNIVERSITY
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CMG GardenNotes #743

Climate Summary: Colorado Springs, Colorado

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
Monthly Temperature ¹ (degrees F)													
average high	42	46	52	59	69	79	84	82	74	63	49	42	62
average low	17	20	26	33	43	51	57	55	47	36	24	18	36
Monthly Precipitation ¹ (inches)	0.3	0.4	1.0	1.6	2.6	2.3	2.9	3.2	1.4	0.8	0.6	0.4	17.5
Monthly Snowfall ² (inches)	5.1	5.3	9.8	6.8	1.3	0	0	0	0.5	3.9	6.1	6.5	46.2

		Spring Frost Probability			Fall Frost Probability			Length of “Frost Free” Season (days)		
		90%	50%	10%	10%	50%	90%	10%	50%	90%
Colorado	32° threshold	Apr 23	May 6	May 18	Sept 18	Oct 6	Oct 18	126	152	170
Springs	28° threshold	Apr 9	Apr 27	May 12	Sept 27	Oct 13	Oct 29	152	171	189
	24° threshold	Apr 1	Apr 15	May 1	Oct 8	Oct 23	Nov 8	170	190	210

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

	Mid April	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.	Early Oct.	
Colorado Springs	40 day, cool season crops (spinach)									65-75 day, cool season crops (peas)									
	45-55 day, cool season crops (lettuce, kohlrabi)									55-65 day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard)									
	60-65 day, cool season crops, (beets, broccoli, cabbage, carrots, cauliflower, chard, peas)									40-50 day, cool season crops (spinach, lettuce, kohlrabi)									
	70-75 day, cool season crops																		
			50 day, semi-tender, warm season crops (summer squash)																
			55-65 day, semi-tender, warm season crops (cucumbers)																
			70-75 day, semi-tender, warm season crops (beans, corn)																
			80-85 day, semi-tender, warm season crops (corn)																
				70 day, tender, warm season crops (tomatoes, peppers, eggplant)															
				75-80 day, tender warm season crops (tomatoes, cantaloupe, watermelon)															
			FROST	85-90 day, tender, warm season crops (cantaloupe, watermelon, winter squash)															
				95-100 day, tender, warm season crops (winter squash)															

FROST

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

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CMG GardenNotes #744

Climate Summary: Dillon, Colorado

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
<u>Monthly Temperatures</u> ¹ (degrees)													
Average high	32	35	40	47	57	67	73	71	65	54	39	32	51
Average low	2	5	12	19	27	34	38	38	31	22	12	4	20
<u>Average Monthly Precipitation</u> ¹ (inches)	0.8	1.0	1.1	1.2	1.5	1.3	1.7	1.7	1.3	0.9	0.8	0.8	14.1
<u>Average Monthly Snowfall</u> ² (inches)	18.5	18.7	22.1	18.1	7.3	0.8			1.7	7.6	15.2	17.5	127.5

		<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%
Dillon	32° threshold	June 25	July 18	July 30	July 31	Aug 10	Sept 3	1	25	59
	28° threshold	June 10	June 25	July 14	Aug 5	Aug 27	Sept 16	28	61	93
	24° threshold	May 18	June 9	June 26	Aug 20	Sept 12	Sept 26	69	93	124

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

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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	1.5	1.3	1.4	1.7	1.9	1.3	1.2	1.4	1.8	1.8	1.4	1.5	18.2	
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)						

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

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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)											
					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)											
					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



MASTER GARDENER
COLORADO STATE UNIVERSITY
EXTENSION

CMG GardenNotes #746

Climate Summary: Fort Collins, Greeley, and Estes Park, Colorado

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
<u>Monthly Temperatures</u>														
Estes Park	average extreme high	53	55	60	69	75	84	88	85	80	72	62	55	
	normal daily high	38	41	46	54	62	73	78	77	70	59	45	39	57
	normal daily low	16	18	22	27	35	41	47	45	38	30	23	16	30
	average extreme low	-12	-10	-1	5	22	30	38	37	23	12	-3	-8	
Fort Collins	average extreme high	62	65	72	79	85	93	96	94	89	81	70	62	
	normal daily high	42	46	53	61	70	80	85	83	75	64	50	43	63
	normal daily low	15	20	27	34	43	52	57	56	47	36	25	17	36
	average extreme low	-6	0	10	18	32	41	49	48	32	20	7	-3	
Greeley	average extreme high	62	65	75	82	88	97	100	97	93	83	71	61	
	normal daily high	40	47	55	63	73	83	89	87	78	66	50	42	64
	normal daily low	14	20	27	35	44	53	58	56	47	35	24	16	36
	average extreme low	-7	-1	9	20	32	43	50	49	32	21	6	-4	

		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
<u>Total Monthly Precipitation</u> (inches)														
Estes Park	normal	0.3	0.5	1.0	1.3	1.9	1.5	2.3	1.9	1.2	1.0	0.7	0.4	14.3
	maximum	1.8	2.1	3.3	4.0	5.4	3.8	5.3	5.8	2.7	2.9	2.1	1.2	17.4
Fort Collins	normal	0.4	0.4	1.5	2.1	2.6	2.1	1.9	1.4	1.3	1.0	0.8	0.5	15.9
	maximum	1.1	1.3	5.6	8.3	7.5	5.8	6.7	5.1	4.1	2.9	2.3	1.5	25.2
Greeley	normal	0.5	0.4	1.2	1.8	2.5	1.9	1.5	1.2	1.2	0.9	0.8	0.5	14.4
	maximum	1.4	1.5	4.1	7.4	5.4	4.0	3.4	3.9	3.4	2.9	2.3	1.1	22.2
<u>Total Monthly Snowfall</u> (inches)														
Estes Park	normal	1.9	5.9	7.6	3.3	0.5	0.1	0	0	0.6	1.2	4.4	2.7	25.2
	maximum	12.0	30.0	31.5	14.0	6.0	3.0	0	0	4.0	9.0	18.0	12.5	64.5
Fort Collins	normal	8.4	6.2	12.3	7.28	1.4	0.1	0	0	1.2	3.9	9.9	8.4	59.1
	maximum	19.2	16.7	39.6	24.4	27.8	2.2	0	1.4	15.0	17.5	29.1	20.7	107.1
Greeley	normal	6.2	4.2	7.5	5.9	0.8	0	0	0	0.9	2.5	8.0	5.4	41.9
	maximum	16.3	13.2	17.0	16.5	6.0	0.2	0	0	9.0	20.2	23.5	13.8	69.9

Frost Probability and Growing Season Length Summary*

		<u>Spring Frost Probability</u>			<u>Fall Frost Probability</u>			<u>Length of Growing Season</u>		
		<u>90%</u>	<u>50%</u>	<u>10%</u>	<u>10%</u>	<u>50%</u>	<u>90%</u>	<u>10%</u>	<u>50%</u>	<u>90%</u>
Estes Park	32° threshold	May 27	June 9	June 21	Sept 3	Sept 14	Sept 25	83	97	111
	28° threshold	May 5	May 21	June 6	Sept 10	Sept 21	Oct 1	106	123	140
	24° threshold	Apr 18	May 8	May 27	Sept 18	Oct 4	Oct 19	125	149	173
Fort Collins	32° threshold	Apr 23	May 4	May 16	Sept 18	Oct 2	Oct 17	130	151	172
	28° threshold	Apr 5	Apr 19	May 2	Sept 25	Oct 11	Oct 26	155	175	196
	24° threshold	Mar 26	Apr 7	Apr 20	Oct 3	Oct 20	Nov 6	174	196	218
Greeley	32° threshold	Apr 21	May 2	May 12	Sept 17	Oct 1	Oct 14	134	152	170
	28° threshold	Apr 4	Apr 18	May 2	Sept 26	Oct 11	Oct 25	155	175	196
	24° threshold	Mar 25	Apr 7	Apr 20	Oct 6	Oct 22	Nov 6	175	198	220

<u>Site Information</u>	<u>Station</u>	<u>Number</u>	<u>Elevation</u>	<u>Latitude</u>	<u>Longitude</u>
	Estes Park	52759	7750	40° 23'	105° 31'
	Fort Collins	51179	5200	39° 42'	104° 13'
	Greeley	53553	4650	40° 25'	104° 42'

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

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

Estes Park																		
Mid April	Late April	Early May	Mid May	Late May	Early June FROST	Mid June	Late June	Early July	Mid July	Late July	Early Aug.	Mid Aug.	Late Aug.	Early Sept.	Mid Sept. FROST	Late Sept.	Early Oct.	
				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)														
				75-80 day, cool season crops														
				50-55 day, semi-tender, warm season crops (summer squash)														
				60-65 day, semi-tender, warm season crops (cucumbers)														
				70-75 day, semi-tender, warm season crops (beans, corn)														
				80 day, semi-tender, warm season crops (corn)														
				70 day, tender, warm season crops (tomatoes, peppers, eggplant)														
				65-75 day, cool season crops (peas)														
				55-60 day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard)														
				40-50 day, cool season crops (spinach, lettuce, kohlrabi)														

Fort Collins																		
Mid April	Late April	Early May FROST	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.	Early Oct. FROST	
	40-45 day, cool season crops (spinach, lettuce)								65-70 day, cool season crops (peas)									
	50-55 day, cool season crops (kohlrabi)								50-60 day, cool season crops (kohlrabi, beets, broccoli, cabbage, carrots, cauliflower, chard)									
	60-70 day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard, peas)										40-45 day, cool season crops (spinach, lettuce)							
	75 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)																
		85-90 day, semi-tender, warm season crops (corn)																
			70-75 day, tender, warm season crops (tomatoes, peppers, eggplant)															
			80-85 day, tender, warm season crops (cantaloupe, watermelon)															
			90-95 day, tender, warm season crops (winter squash)															

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



CMG GardenNotes #747

Climate Summary: Gunnison and Crested Butte, Colorado

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual	
<u>Monthly Temperatures</u> (degrees F)															
Gunnison	Average high	27	32	44	55	66	76	80	78	72	61	42	30	55	
	Average low	-5	1	14	22	30	36	42	41	33	22	11	-2	20	
Crested Butte	Average high	27	32	39	46	58	69	74	73	65	54	38	28	50	
	Average low	-4	-1	7	18	28	33	38	38	30	21	9	-2	18	
<u>Average Monthly Precipitation</u> (inches)															
Gunnison		0.8	0.7	0.5	0.7	0.8	0.6	1.3	1.6	1.1	0.7	0.6	0.8	10.1	
Crested Butte		2.6	2.7	2.2	1.9	1.6	1.3	1.9	2.1	2.0	1.8	2.0	2.3	24.2	
<u>Average Monthly Snowfall</u> (inches)															
Gunnison²		12.0	10.2	6.9	3.5	0.8	0.1			0.2	1.3	5.3	10.3	50.5	
Crested Butte³		40.0	34.3	32.0	17.4	6.5	0.7			1.3	7.8	24.3	33.6	197.9	

Frost Probability and Growing Season Summary*

		<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%
Gunnison	32° threshold	June 14	June 27	July 11	Aug 8	Aug 29	Sept 9	37	62	86
	28° threshold	May 24	June 10	June 23	Aug 25	Sept 12	Sept 19	70	94	115
	24° threshold	May 8	May 22	June 8	Sept 10	Sept 21	Sept 28	99	121	140
Crested Butte	32° threshold	June 19	July 9	July 29	Aug 1	Aug 17	Sept 2	4	37	68
	28° threshold	May 31	June 17	July 3	Aug 15	Sept 4	Sept 14	48	79	97
	24° threshold	May 9	May 27	May 18	Sept 1	Sept 17	Sept 30	78	113	141

Prepared by David Whiting Extension Consumer Horticulture Specialist (retired), Department of Horticulture and LA, Colorado State University
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CMG GardenNotes #748

Climate Summary: Northeast Colorado

Frost Probability and Growing Season Length Summary

		<u>Spring Frost Probability</u>			<u>Fall Frost Probability</u>			<u>Length of "Frost Free" Season (days)</u>		
		90%	50%	10%	10%	50%	90%	10%	50%	90%
Akron	32° threshold	Apr 29	May10	May 20	Sept 17	Sept 30	Oct 13	126	143	160
	28° threshold	Apr 13	Apr 24	May6	Sept 28	Oct 12	Oct 26	123	171	189
	24° threshold	Apr 2	Apr 17	May 2	Oct 5	Oct 20	Nov 4	163	186	209
Burlington	32° threshold	Apr 25	May 7	May 19	Sept 14	Oct 4	Oct 25	122	150	179
	28° threshold	Apr 8	Apr 20	May 2	Sept 29	Oct 15	Nov 1	159	178	198
	24° threshold	Apr 1	Apr 14	Apr 27	Oct 3	Oct 23	Nov 11	168	192	216
Cheyenne Wells	32° threshold	Apr 21	May 5	May 20	Sept 12	Sept 28	Oct 14	125	145	166
	28° threshold	Apr 13	Apr 24	May 6	Oct 1	Oct 17	Nov 1	157	175	193
	24° threshold	Mar30	Apr 13	Apr 26	Oct 03	Oct 21	Nov 9	170	192	213
Fort Morgan	32° threshold	Apr 22	May 2	May 13	Sept 20	Oct 3	Oct 17	137	154	171
	28° threshold	Apr 5	Apr 20	May 5	Sept 29	Oct 13	Oct 27	156	176	197
	24° threshold	Mar 27	Apr 9	Apr 23	Oct 2	Oct 20	Nov 6	169	193	218

		<u>Spring Frost Probability</u>			<u>Fall Frost Probability</u>			<u>Length of "Frost Free" Season (days)</u>		
		90%	50%	10%	10%	50%	90%	10%	50%	90%
Holyoke	32° threshold	Apr 26	May 5	May 15	Sept 20	Oct 2	Oct 15	132	150	168
	28° threshold	Apr 15	Apr 26	May 7	Sept 29	Oct 13	Oct 27	156	170	185
	24° threshold	Mar 29	Apr 13	Apr 27	Oct 4	Oct 18	Nov 2	171	189	207
Kit Carson	32° threshold	Apr 27	May 7	May 18	Sept 17	Sept 29	Oct 12	126	145	164
	28° threshold	Apr 12	Apr 24	May 6	Sept 24	Oct 9	Oct 24	151	168	185
	24° threshold	Apr 4	Apr 16	Apr 29	Oct 1	Oct 17	Nov 3	162	184	205
Sterling	32° threshold	Apr 23	May 4	May 15	Sept 17	Oct 1	Oct 15	131	150	169
	28° threshold	Apr 8	Apr 22	May 5	Sept 27	Oct 11	Oct 25	152	172	192
	24° threshold	Mar 30	Apr 13	Apr 27	Oct 6	Oct 21	Nov 6	170	191	213
Wray	32° threshold	Apr 25	May 7	May 18	Sept 18	Oct 2	Oct 16	134	148	163
	28° threshold	Apr 12	Apr 25	May 9	Sept 28	Oct 11	Oct 24	151	169	186
	24° threshold	Apr 2	Apr 18	May 5	Oct 12	Oct 23	Nov 3	169	187	206
Yuma	32° threshold	Apr 24	May 5	May 17	Sept 20	Oct 2	Oct 14	133	150	166
	28° threshold	Apr 12	Apr 24	May 6	Sept 27	Oct 12	Oct 26	153	171	188
	24° threshold	Apr 3	Apr 15	Apr 27	Sept 30	Oct 17	Nov 2	168	185	202

Site Information	Station	Number	Elevation	Latitude	Longitude
	Akron	50114	4580	40° 7'	103° 10'
	Burlington	51121	4170	39° 18'	102° 16'
	Cheyenne Wells	51564	4250	38° 49'	102° 21'
	Fort Morgan	53038	4320	40° 15'	103° 48'
	Holyoke	54082	3730	40° 35'	102° 18'
	Kit Carson	54603	4280	38° 46'	102° 47'
	Sterling	57950	3940	40° 37'	103° 12'
	Wray	59243	3510	40° 4'	102° 13'
	Yuma	59295	4130	40° 7'	102° 44'

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

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CMG GardenNotes #749

Climate Summary: Northwest Colorado

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual	
<u>Monthly Temperatures</u>															
Craig	average extreme high	44	50	60	74	79	89	92	91	87	77	63	49		
	normal daily high	30	34	46	56	66	74	84	83	74	61	43	32	57	
	normal daily low	6	10	22	29	37	44	50	49	40	30	19	8	28	
	average extreme low	-14	-13	6	16	26	33	41	41	27	15	1	-11		
Hayden	average extreme high	44	48	60	73	82	90	93	91	86	77	63	48		
	normal daily high	30	34	45	57	68	79	85	83	74	61	44	32	58	
	normal daily low	7	10	20	28	36	43	49	48	40	29	20	9	29	
	average extreme low	-16	-13	2	15	25	32	40	39	25	15	0	-12		
Steamboat	average extreme high	44	47	57	70	78	87	90	89	84	75	60	45		
	normal daily high	29	34	43	53	64	76	82	81	72	60	42	29	55	
	normal daily low	3	5	17	24	32	36	42	41	34	24	16	4	23	
	average extreme low	-25	-21	-4	9	21	28	33	33	19	10	-5	-21		
Yampa	average extreme high	47	49	56	66	75	82	84	84	79	71	58	48		
	normal daily high	31	35	41	51	62	72	76	76	68	56	41	32	54	
	normal daily low	6	9	16	23	32	39	45	44	36	27	16	8	25	
	average extreme low	-17	-14	-5	5	19	27	35	35	21	10	-6	-14		

		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
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Total Monthly Precipitation (inches)

Craig	normal	1.1	1.1	1.5	1.7	1.6	1.2	1.4	1.2	1.5	1.8	1.5	1.0	16.7
	maximum	2.4	2.3	2.7	3.4	4.0	3.0	3.0	2.4	5.2	4.5	2.9	3.4	25.0
Hayden	normal	1.6	1.2	1.2	1.6	1.6	1.2	1.4	1.3	1.4	1.7	1.5	1.5	17.3
	maximum	3.5	2.6	2.5	3.3	4.1	3.4	3.5	3.1	6.2	3.8	3.7	5.1	26.4
Steamboat Springs	normal	2.6	2.1	2.0	2.4	2.3	2.3	1.5	1.5	1.5	1.7	1.9	2.3	23.8
	maximum	5.9	4.7	3.5	4.2	5.7	3.9	3.3	3.5	6.5	4.3	5.6	6.8	34.5
Yampa	normal	1.3	3.4	1.3	1.4	1.6	1.4	2.1	1.6	1.4	1.3	1.3	1.1	19.3
	maximum	2.9	7.3	3.1	2.9	3.5	2.6	4.0	3.8	3.9	3.6	3.0	3.2	

Total Monthly Snowfall (inches)

Craig	normal	17.2	14.2	11.6	6.4	1.1	0.1	0	0	0.4	4.0	12.1	12.6	81.2
	maximum	45.5	37.5	27.0	16.0	7.0	2.0	0	0	5.0	20.0	25.0	42.0	121.8
Hayden	normal	29.2	18.5	14.1	8.8	1.2	0.3	0	0	0.2	6.3	17.4	24.3	119.3
	maximum	71.3	49.0	30.5	21.5	9.5	8.0	0	0	4.0	24.0	50.9	74.5	178.4
Steamboat Springs	normal	40.5	27.8	20.6	12.9	2.4	0.3	0	0	0.3	8.0	25.0	35.2	179.4
	maximum	111.6	51.0	35.1	31.4	10.2	5.6	0	0	3.2	32.3	57.0	92.6	301.4
Yampa	normal	21.8	15.2	17.7	12.6	2.9	0.2	0	0.1	0.6	7.9	19.2	19.6	118.8
	maximum	68.6	40.5	34.5	28.0	15.0	4.0	0	1.5	5.0	23.0	44.0	59.7	190.2

Frost Probability and Growing Season Length Summary

		<u>Spring Frost Probability</u>			<u>Fall Frost Probability</u>			<u>Length of Growing Season</u>		
		90%	50%	10%	10%	50%	90%	10%	50%	90%
Craig	32° threshold	May 10	May 17	May 29	Sept 4	Sept 18	Oct 1	92	111	131
	28° threshold	Apr 29	May 9	May 20	Sept 16	Sept 27	Oct 8	123	140	158
	24° threshold	Apr 10	Apr 25	May 11	Sept 22	Oct 6	Oct 20	145	163	182
Hayden	32° threshold	May 17	June 3	June 20	Aug 29	Sept 14	Oct 1	79	104	128
	28° threshold	Apr 24	May 16	June 6	Sept 9	Sept 24	Oct 9	103	132	160
	24° threshold	Apr 14	Apr 28	May 12	Sept 18	Oct 3	Oct 17	134	158	181
Steamboat Springs	32° threshold	June 11	June 26	July 10	Aug 1	Aug 24	Sept 17	28	60	91
	28° threshold	May 11	June 2	June 25	Aug 28	Sept 12	Sept 28	69	102	135
	24° threshold	Apr 23	May 15	June 5	Sept 11	Sept 22	Oct 3	104	130	156
Yampa	32° threshold	June 6	June 21	July 6	Aug 22	Sept 8	Sept 24	53	79	104
	28° threshold	May 20	June 5	June 22	Aug 31	Sept 16	Oct 2	79	102	126
	24° threshold	May 1	May 25	June 18	Sept 14	Sept 28	Oct 11	97	126	154

Site Information	Station	Number	Elevation	Latitude	Longitude
	Craig	51932	6440	40° 27''	107° 36'
	Hayden	53867	6340	40° 30'	107° 15'
	Steamboat Springs	57936	6770	40° 30'	106° 50'
	Yampa	59265	7890	40° 09'	106° 54'

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.	
Craig	40-50 day, cool season crops (spinach, lettuce)															FROST	
	55-60 day cool season crops (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)																
	55-60 day, semi-tender, warm season crops (cucumbers)																
	65 day, semi-tender, warm season crops																
	70 day, semi-tender, warm season crops (beans)																
	75 day, semi-tender, warm season crop (corn)																
			FROST		70 day, tender, warm season crop (tomatoes, peppers, eggplant)												
	70-75 day cool season crops																
	60-65 day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard, peas)																
	45-55 day, cool season crops (lettuce, kohlrabi)																
	40 day, cool season crops (spinach)																

	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.
Steamboat Springs							FROST						FROST			
	40 day, cool season crops (spinach)															
	45-50 day, cool season crops (lettuce, kohlrabi)															
	55 day, cool season crops															
	60-65 day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard, peas)															
	70-75 day cool season crops															

	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.	
Hayden			40 day, cool season crops (spinach)													FROST	
			45-50 day, cool season crops (lettuce, kohlrabi)														
			55-65 day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard, peas)														
			70-75 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)												
					65 day, semi-tender, warm season crops												
					70 day, semi-tender, warm season crops (beans)												
					FROST	70 day, tender, warm season crops (tomatoes, peppers, eggplants)											
						70-75 day, cool season crops											
							55-65 day, cool season crops (beets, broccoli, cabbage, cauliflower, chard, peas)										
								45-50 day, cool season crops (lettuce, kohlrabi)									
								40 day, cool season crops (spinach)									

	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.
Yampa							FROST							FROST		
					40-45 day, cool season crops (spinach, lettuce)											
					50-55 day, cool season crops (kohlrabi)											
					60-65 day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard, peas)											
					70-75 day, cool season crops											

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

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CMG GardenNotes #750

Climate Summary: Southwest Colorado

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual	
<u>Monthly Temperatures</u>															
Yellow Jacket	average extreme high	51	56	64	72	81	92	95	92	87	77	64	53		
	normal daily high	38	43	50	59	69	82	87	84	76	63	48	40	62	
	normal daily low	15	19	26	31	40	48	54	54	47	37	25	18	35	
	average extreme low	-2	1	10	18	27	35	47	47	34	21	8	1		
Cortez	average extreme high	52	59	67	75	82	94	96	93	88	78	65	56		
	normal daily high	40	45	53	61	71	83	88	86	78	66	51	41	64	
	normal daily low	13	18	25	30	38	46	54	53	44	33	23	15	33	
	average extreme low	-5	1	11	18	25	33	44	46	32	20	9	0		
Mancos	average extreme high	51	56	68	74	80	88	91	88	85	78	66	55		
	normal daily high	40	45	53	59	69	79	83	82	76	65	51	40	61	
	normal daily low	15	19	25	29	38	44	51	52	44	32	23	14	32	
	average extreme low	-1	5	9	18	25	34	41	46	32	17	48	-4		
Durango	average extreme high	51	60	65	76	84	93	95	93	88	78	70	55		
	normal daily high	39	46	53	62	71	82	87	84	77	66	51	42	63	
	normal daily low	11	16	23	29	36	43	51	49	41	31	21	13	31	
	average extreme low	-6	-1	10	19	25	33	43	41	29	19	6	-2		

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
Ignacio	average extreme high	49	57	66	74	84	94	96	93	88	77	65	53	
	normal daily high	39	45	52	62	71	83	88	85	76	65	51	41	63
	normal daily low	7	13	21	26	34	42	50	48	40	30	20	10	28
	average extreme low	-9	-2	8	15	22	31	40	40	28	20	6	-4	
Pagosa Springs	average extreme high	51	57	64	72	79	88	90	88	84	75	63	53	
	normal daily high	38	44	50	58	68	78	83	80	73	63	49	40	60
	normal daily low	3	9	18	24	31	37	45	45	37	26	16	6	24
	average extreme low	-17	-10	0	11	20	28	36	36	25	14	-2	-13	

Total Monthly Precipitation (inches)

Yellow Jacket	normal	1.2	1.2	1.4	0.9	1.3	0.6	1.6	1.6	1.6	1.9	1.5	1.1	16.0
	maximum	4.3	5.0	3.8	3.0	5.4	2.5	4.0	4.5	4.1	8.1	3.9	4.4	22.6
Cortez	normal	1.0	0.9	1.4	0.9	1.0	0.5	1.2	1.5	1.4	1.6	1.2	1.0	13.1
	maximum	3.2	3.2	4.6	2.5	3.7	1.8	2.4	3.3	3.4	6.6	2.8	3.0	19.9
Mancos	normal	1.4	1.3	1.9	1.2	1.5	0.6	1.6	1.8	1.8	1.6	1.6	1.2	17.0
	maximum	4.0	3.5	4.0	2.8	5.0	1.7	3.7	3.8	3.6	7.0	3.3	3.1	22.2
Durango	normal	1.6	1.4	1.9	1.3	1.1	0.7	1.8	2.3	2.1	2.2	1.9	1.5	19.9
	maximum	6.9	4.8	3.7	3.0	3.0	2.0	5.4	4.3	5.1	11.8	4.6	4.2	27.3
Ignacio	normal	1.2	1.1	1.3	0.7	0.9	0.5	1.9	1.7	1.7	1.5	1.3	1.2	16.0
	maximum	4.7	3.4	3.8	2.3	2.3	1.7	14.7	3.5	4.5	7.0	3.5	4.4	35.2
Pagosa Springs	normal	1.9	1.4	1.8	1.3	1.4	0.9	1.8	2.3	2.2	2.3	1.7	1.5	21.0
	maximum	5.3	4.0	4.7	3.8	4.3	2.5	3.8	5.4	5.7	7.8	3.4	3.5	33.8

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual	
Total Monthly Snowfall (inches)															
Yellow Jacket	normal	17.1	13.5	10.7	3.2	1.2	0	0	0	0	1.4	7.9	13.3	63.7	
	maximum	61.0	45.4	59.0	24.0	19.0	0	0	0	0	11.0	28.0	38.0	137.4	
Cortez	normal	5.9	3.1	1.8	1.0	0	0	0	0	0	0.3	1.4	3.7	11.1	
	maximum	27.5	15.5	16.0	6.2	0.3	0	0	0	0	6.2	10.5	20.5	38.0	
Mancos	normal	9.7	7.9	4.8	1.8	0.6	0	0	0	0	0.4	5.2	6.6	37.2	
	maximum	39.1	20.4	20.5	8.4	5.1	0	0	0	0	4.4	18.8	20.3	95.0	
Durango	normal	17.0	12.7	10.7	3.3	0.7	0	0	0	0	1.2	5.4	13.9	65.5	
	maximum	58.5	34.5	29.5	16.0	11.0	0	0	0	0	17.0	22.5	33.5	130.6	
Ignacio	normal	6.8	2.9	2.2	0.3	0	0	0	0	0	0.4	0.5		15.8	
	maximum	34.00	17.0	26.0	50	0	0	0	0	0.1	6.5	5.0		70.1	
Pagosa Springs	normal	27.2	18.7	18.0	6.3	1.0	0	0	0	0	3.1	13.2	20.1	105.7	
	maximum	76.0	51.0	47.0	23.0	14.0	0	0	0	0	16.0	39.4	46.0	212.0	

Site Information	Station	Number	Elevation	Latitude	Longitude
	Yellow Jacket	59275	6860	37° 33'	108° 44'
	Cortez	51886	6180	37° 21'	108° 34'
	Mancos	55327	7040	37° 21'	108° 17'
	Durango	52432	6550	37° 17'	107° 53'
	Ignacio	54250	6420	37° 08'	107° 38'
	Pagosa Springs	56258	7110	37° 16'	107° 01'

Frost Probability and Growing Season Length Summary

		<u>Spring Frost Probability</u>			<u>Fall Frost Probability</u>			<u>Length of Growing Season</u>		
		90%	50%	10%	10%	50%	90%	10%	50%	90%
Yellow Jacket	32° threshold	May 8	May 25	June 10	Sept 22	Oct 8	Oct 23	112	136	160
	28° threshold	Apr 21	May 5	May 19	Sept 29	Oct 17	Nov 4	140	165	191
	24° threshold	Apr 1	Apr 20	May 10	Oct 9	Oct 26	Nov 13	163	189	215
Cortez	32° threshold	May 10	May 26	June 11	Sept 12	Sept 27	Oct 12	107	124	141
	28° threshold	Apr 26	May 7	May 18	Sept 25	Oct 12	Oct 29	136	158	181
	24° threshold	Apr 12	Apr 26	May 10	Oct 4	Oct 20	Nov 5	157	177	198
Mancos	32° threshold	May 21	June 4	June 18	Sept 15	Sept 29	Oct 13	93	117	141
	28° threshold	Apr 25	May 13	May 31	Sept 17	Oct 2	Oct 17	115	142	169
	24° threshold	Apr 16	Apr 25	May 4	Oct 60	Oct 17	Oct 29	164	175	187
Durango	32° threshold	May 9	May 25	June 11	Sept 8	Sept 22	Oct 7	98	120	142
	28° threshold	May 3	May 11	May 19	Sept 16	Oct 5	Oct 25	126	147	169
	24° threshold	Apr 5	Apr 22	May 9	Sept 23	Oct 13	Nov 2	143	174	205
Ignacio	32° threshold	May 23	June 9	June 26	Sept 7	Sept 21	Oct 6	78	104	131
	28° threshold	May 7	May 21	June 4	Sept 11	Oct 1	Oct 20	103	133	164
	24° threshold	Apr 21	May 9	May 27	Sept 18	Oct 13	Nov 7	119	157	195
Pagosa Springs	32° threshold	June 9	June 22	July 4	Aug 15	Sept 7	Sept 30	48	77	107
	28° threshold	May 18	June 5	June 23	Sept 9	Sept 23	Oct 6	89	110	130
	24° threshold	May 1	May 17	June 2	Sept 23	Oct 5	Oct 16	121	141	160

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

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MASTER GARDENER
COLORADO STATE UNIVERSITY
EXTENSION

CMG GardenNotes #751

Climate Summary: Pueblo, Colorado

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
Monthly Temperature (degrees F)													
Average high	46	52	59	67	76	88	93	90	82	70	54	46	69
Average low	14	19	26	35	45	54	59	58	49	35	22	15	36
Monthly Precipitation (inches)	0.3	0.4	0.9	1.2	1.6	1.3	2.0	2.2	0.9	0.7	0.6	0.4	12.4
Monthly Snowfall (inches)	5.4	3.9	5.9	3.6	0.4	0.0	0.0	0.0	0.6	1.4	3.8	4.7	29.7

	Spring Frost Probabilities			Fall Frost Probabilities			Length of "Frost Free" Season (day)			
	90%	50%	10%	10%	50%	90%	90%	50%	10%	
Pueblo										
32° threshold	Apr 14	May 1	May 13	Sept 21	Oct 8	Oct 24	134	158	189	
28° threshold	Apr 8	Apr 18	May 1	Sept 30	Oct 17	Oct 30	159	180	198	
24° threshold	Mar 25	Apr 8	Apr 22	Oct 11	Oct 25	Nov 9	176	200	227	

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

	Mid April	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.	Early Oct.	
Pueblo	40-45 day, cool season crops (spinach, lettuce)									75-85 day, cool season crops									FROST
	50-55 day, cool season crops (kohlrabi)									60-70 day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard, peas)									
	60-70 day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard, peas)									45-55 day, cool season crops (lettuce, kohlrabi)									
	75-85 day, cool season crops									40 day, cool season crops									
	50-55 day, semi-tender, warm season crops (summer squash)																		
	60-70 day, semi-tender, warm season crops (cucumbers, beans)																		
	75-85 day, semi-tender, warm season crops (corn)																		
	FROST						70-75 day, tender, warm season crops (tomatoes, peppers, eggplant)												
							80-85 day, tender, warm season crops (cantaloupe, watermelon, winter squash)												
							90-100 day, tender, warm season crops (winter squash)												

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

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Revised April 2008



MASTER GARDENER
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CMG GardenNotes #752

Climate Summary: Chaffee County

Salida and Buena Vista, Colorado

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
<u>Monthly Temperatures</u> (degrees F)														
Buena Vista	Average high	41	43	48	56	66	77	82	79	73	63	49	41	60
	Average low	11	14	20	26	34	42	48	46	38	29	19	12	28
Salida	Average high	44	46	52	61	70	79	84	81	75	65	52	44	63
	Average low	13	15	21	28	36	43	48	46	38	28	20	13	29
<u>Average Monthly Precipitation</u> (inches)														
Buena Vista		0.4	0.4	0.7	1.0	1.1	0.7	1.5	1.9	1.0	0.8	0.5	0.4	10.3
Salida		0.3	0.4	0.7	0.9	1.1	0.8	1.5	1.6	0.8	1.1	0.5	0.4	10.1
<u>Average Monthly Snowfall</u> (inches)														
Buena Vista		4.9	5.6	7.4	5.5	2.6	0.1	0.0	0.0	0.9	2.7	5.2	4.7	39.6
Salida		4.8	5.8	8.4	6.8	2.6	0.0	0.0	0.0	0.7	5.5	7.6	5.5	47.6

Frost Probability and Growing Season Summary

		<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%
Buena Vista	32° threshold	May 20	June 2	June 12	Sept 3	Sept 19	Sept 27	90	109	120
	28° threshold	May 2	May 13	May 31	Sept 10	Sept 29	Oct 11	109	132	150
	24° threshold	April 17	April 30	May 13	Sept 21	Oct 9	Oct 24	134	160	177
Salida	32° threshold	May 14	May 29	June 15	Aug 30	Sept 14	Sept 29	87	109	127
	28° threshold	May 1	May 14	May 28	Sept 13	Sept 29	Oct 9	118	134	146
	24° threshold	April 16	May 5	May 21	Sept 25	Oct 8	Oct 20	140	156	176

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

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CMG GardenNotes #753

Climate Summary: San Miguel Basin

Norwood and Telluride, Colorado

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual	
<u>Monthly Temperatures</u> (degrees F)															
Norwood	Average high	38	43	50	58	67	78	83	81	73	62	46	39	60	
	Average low	11	16	23	28	36	44	50	49	42	32	20	12	30	
Telluride	Average high	38	41	45	53	62	73	78	75	69	59	45	38	56	
	Average low	6	10	16	23	31	37	42	42	35	26	15	7	24	
<u>Average Monthly Precipitation</u> (inches)															
Norwood		1.0	0.8	1.1	1.2	1.3	0.9	1.8	2.0	1.8	1.7	1.4	1.0	15.9	
Telluride		1.7	1.6	2.1	2.1	2.0	1.3	2.3	2.7	2.4	2.0	1.8	1.6	23.4	
<u>Average Monthly Snowfall</u> (inches)															
Norwood²		12.7	10.1	9.8	5.1	0.6	0.0	0.0	0.0	0.1	2.5	8.0	10.7	59.6	
Telluride³		27.4	25.3	31.9	22.0	6.5	0.7	0.0	0.0	0.9	9.1	20.9	24.6	169.3	

Frost Probability and Growing Season Summary

		<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%
Norwood	32° threshold	May 17	June 9	June 25	Sept 2	Sept 21	Oct 7	81	108	135
	28° threshold	May 3	May 22	June 11	Sept 15	Oct 2	Oct 14	114	137	159
	24° threshold	April 21	May 6	May 29	Sept 21	Oct 10	Oct 28	122	160	181
Telluride	32° threshold	June 15	June 28	July 13	Aug 11	Aug 31	Sept 17	33	62	89
	28° threshold	May 31	June 16	July 1	Aug 28	Sept 14	Sept 27	65	88	111
	24° threshold	May 5	May 22	May 14	Sept 13	Sept 25	Oct 14	99	127	149

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

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Revised April 2008



CMG GardenNotes #754

Climate Summary: San Luis Valley, Colorado

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
<u>Monthly Temperatures</u> (degrees F)														
Alamosa	Average high	34	41	50	59	68	78	82	79	73	62	45	35	59
	Average low	-2	6	16	24	33	41	47	45	37	24	11	0	24
Del Norte	Average high	35	41	50	59	67	75	78	76	71	61	46	36	58
	Average low	7	13	21	27	36	43	48	47	40	30	18	9	28
Monte Vista	Average high	34	41	50	58	68	76	80	78	72	62	45	36	58
	Average low	1	8	17	24	34	41	46	45	37	26	13	3	25
<u>Average Monthly Precipitation</u> (inches)														
Alamosa		0.3	0.3	0.4	0.6	0.7	0.6	1.0	1.2	0.9	0.7	0.5	0.3	7.3
Del Norte		0.3	0.4	0.7	0.8	0.9	0.8	1.6	1.8	1.2	0.8	0.7	0.5	10.4
Monte Vista		0.2	0.3	0.5	0.6	0.7	0.6	1.3	1.5	1.0	0.6	0.6	0.3	8.2
<u>Average Monthly Snowfall</u> (inches)														
Alamosa		4.3	4.1	5.6	4.0	1.5	0.0	0.0	0.0	0.2	2.9	3.9	5.1	31.7
Del Norte		5.4	5.7	7.8	4.8	1.4	0.0	0.0	0.0	0.1	3.3	5.9	7.1	41.6
Monte Vista		3.6	3.4	4.4	2.3	0.6	0.0	0.0	0.0	0.0	1.4	3.6	3.8	23.1

Frost Probability and Growing Season Summary

		<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%
Alamosa	32° threshold	May 25	June 10	June 20	Aug 28	Sept 10	Sept 25	76	95	112
	28° threshold	May 11	May 27	June 14	Sept 9	Sept 21	Oct 3	100	117	137
	24° threshold 177	April 29	May 12	May 25	Sept 18	Sept 30	Oct 13	123	142	158
Del Norte	32° threshold	May 15	May 30	June 14	Sept 8	Sept 22	Oct 4	92	116	134
	28° threshold	April 30	May 15	June 2	Sept 18	Oct 4	Oct 16	115	142	162
	24° threshold	April 6	May 1	May 14	Sept 28	Oct 15	Oct 31	142	165	189
Monte Vista	32° threshold	May 20	June 6	June 22	Aug 26	Sept 11	Sept 28	66	97	122
	28° threshold	May 10	May 20	June 13	Sept 8	Oct 22	Oct 9	96	124	150
	24° threshold	April 28	May 10	May 26	Sept 19	Oct 4	Oct 15	121	147	162

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

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MASTER GARDENER
COLORADO STATE UNIVERSITY
EXTENSION

CMG GardenNotes #755

Climate Summary: Cañon City, Colorado

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
Monthly Temperature (degrees F)													
Average high	49	52	58	64	73	83	88	86	78	69	55	49	67
Average low	21	24	30	37	45	54	60	58	50	39	28	22	39
Monthly Precipitation (inches)	0.4	0.5	0.9	1.5	1.7	1.2	1.8	2.1	1.2	0.8	0.8	0.5	13.3
Monthly Snowfall (inches)	5.3	6.3	7.5	4.2	0.3	0.0	0.0	0.0	0.3	1.8	4.7	6.2	36.5

		Spring Frost Probabilities			Fall Frost Probabilities			Length of "Frost Free" Season (day)		
		90%	50%	10%	10%	50%	90%	90%	50%	10%
Cañon City	32° threshold	Apr 15	May 2	May 18	Sept 22	Oct 9	Oct 25	132	159	179
	28° threshold	Mar 31	Apr 18	May 11	Oct 6	Oct 22	Nov 8	156	183	210
	24° threshold	Mar 19	Apr 10	Apr 27	Oct 14	Nov 4	Nov 23	190	211	242

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

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

Grand Junction																						
Early March	Mid March	Late March	Early April	Mid April 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.	Early Oct.	Mid Oct. FROST
40-45 day, cool season crops (spinach, lettuce)				65-75 day, cool season crops (peas)																		
50-60 day, cool season crops (kohlrabi, beets, broccoli, cabbage,				55-60 day, cool season crops (beets, broccoli, cabbage, carrots,																		
65-70 day, cool season crops (peas)				40-50 day, cool season crops (spinach, lettuce, kohlrabi)																		
75-80 day, cool season crops																						
				50-55 day, semi-tender, warm season crops (summer squash)																		
				60-65 day, semi-tender, warm season crops (cucumbers)																		
				70-75 day, semi-tender, warm season crops (beans, corn) Warm soil needed.																		
				80 day, semi-tender, warm season crops (corn)																		
				70 day, tender, warm season crops (tomatoes, peppers, eggplant)																		
				80-85 day, tender, warm season crops (cantaloupe, watermelon)																		
				90-95 day, tender, warm season crops (winter squash)																		

Cold-hardy crops, like spinach & lettuce, can also be planted in the fall for a spring Crop

Delta																					
Early March	Mid March	Late March	Early April	Mid April	Late April FROST	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.	Early Oct. FROST
40-45 day, cool season crops (spinach, lettuce)				65-70 day, cool season crops (peas)																	
50-60 day, cool season crops (kohlrabi)				50-55 day, cool season crops (kohlrabi)																	
60-70 day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard, peas)				75 day cool season crops																	
75 day cool season crops				40-45 day, cool season crops (spinach, lettuce)																	
				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) Warm soil needed.																	
				75-80 day, semi-tender, warm season crops (corn)																	
				85-90 day, semi-tender, warm season crops (corn)																	
				70-75 day, tender, warm season crops (tomatoes, peppers, eggplant)																	
				80-85 day, tender, warm season crops (cantaloupe, watermelon)																	
				90-95 day, tender, warm season crops (winter squash)																	

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

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

Typical Planting and Harvest Period Based On Average Frost Dates And Normal Temperatures



MASTER GARDENER
 COLORADO STATE UNIVERSITY
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Gilpin County Community Garden (9300 ft)

Average Last Frost June 10th // Average First Frost September 15th

All temperatures in Fahrenheit

Each bar depicts timescale of planting, growth and harvest of crops on an average year.

Mid May	Late May	Early June FROST	Mid June	Late June	Early July	Mid July	Late July	Early Aug.	Mid Aug.	Late Aug.	Early Sept. FROST	Mid Sept.
40-45° day, cool season crops (spinach, lettuce, greens, radish, chives)												
50-60° day, cool season crops (kohlrabi, beets, broccoli, cabbage, carrots, cauliflower, chard, bok choy, turnips, cilantro, parsley)												
65-70° day, cool season crops (peas)												
75-80° day, cool season crops (potatoes)												
50-55° day, semi-tender, warm season crops (summer squash)												
60-65° day, semi-tender, warm season crops (cucumbers)												
70-75 day°, semi-tender, warm season crops (beans)												
70° day, tender, warm season crops (tomatoes*, peppers, tomatillo, eggplant*)												
65-75° day, cool season crops (peas)												
55-60° day, cool season crops (beets, broccoli, cabbage, carrots, cauliflower, chard)												
40-50° day, cool season crops (spinach, lettuce kohlrabi)												

*Tomatoes and eggplant will be challenging to growing because of cool nighttime temperatures.

*Temperatures will vary by elevation, aspect, and microclimates of your land.

*As a rule of thumb, because nights are cool, we recommend adding 20 days to the number of days listed on seed packets.

Use Soil Temperatures To Determine Actual Planting Dates

Cool Season vegetables:

35° F - Lettuce

40° F - Peas, Raddish, Spinach, Carrots

Warm Season Vegetables:

55° F - Beans

60° F - Squash

70° F - Tomatoes, Peppers, Tomatillos (use transplants for these crops)

Prepared by Gilpin County Extension April 2020

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