



Colorado MASTER GARDENER

Climate Summary: no. 7.862 Colorado Springs, Pueblo, and Canon City

Source: Colorado Climate Center, <http://ccc.atmos.colostate.edu>
by D. Whiting¹

Table 1. Monthly temperatures.

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
Canon City	average extreme high	68	70	75	81	87	96	98	95	91	84	74	68	
	normal high	49	52	57	64	73	83	89	86	79	69	56	49	67
	normal low	21	24	29	37	45	54	60	59	50	39	28	22	39
	average extreme low	-1	3	13	21	31	41	51	50	35	23	11	0	
Colorado Springs	average extreme high	64	65	70	79	84	93	95	92	88	80	71	64	
	normal daily high	42	45	51	59	68	79	84	82	74	63	50	43	62
	normal daily low	17	20	26	33	42	51	57	56	47	36	25	18	36
	average extreme low	-4	0	9	17	31	41	50	49	33	20	7	-2	
Pueblo	average extreme high	69	73	78	86	91	101	103	100	96	87	77	70	
	normal high	46	52	59	67	76	88	93	90	82	70	55	47	69
	normal low	14	19	26	35	45	54	60	58	49	36	23	15	36
	average extreme low	-7	0	10	19	33	43	52	51	34	21	6	-5	

Note: Climate averages/norms are based on a 30-year period. In this fact sheet, 1970 to 1999 was used for calculations.

Table 2. Total monthly precipitation (inches).

		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
Canon City	normal	0.5	0.4	1.0	1.4	1.6	1.3	1.9	2.1	1.2	0.8	0.8	0.5	13.4
	maximum	3.5	1.8	2.4	6.4	6.6	4.7	4.0	4.8	2.5	2.1	2.0	1.3	19.9
Colorado Springs	normal	0.3	0.4	1.0	1.7	2.4	2.4	2.9	3.4	1.3	0.9	0.5	0.4	17.6
	maximum	1.2	2.5	2.4	7.5	5.0	7.8	5.3	7.0	4.3	5.0	2.0	1.1	27.6
Pueblo	normal	0.3	0.3	0.9	1.2	1.5	1.3	2.0	2.2	0.9	0.7	0.6	0.4	12.1
	maximum	0.9	1.4	2.3	5.3	4.3	3.5	5.1	4.4	2.7	2.6	2.5	1.0	17.9
Total Monthly Snowfall (inches)														
Canon City	normal	5.4	5.8	6.9	4.4	0.6	0	0	0	0.1	2.3	5.7	6.8	41.5
	maximum	14.4	29.0	19.8	13.3	9.7	0	0	0	2.0	11.5	19.0	24.5	86.5
Colorado Springs	normal	5.1	5.3	9.8	6.8	1.3	0	0	0	0.5	3.9	6.1	6.5	46.2
	maximum	28.7	23.2	23.2	19.8	19.4	1.1	0	0	9.7	25.9	26.3	18.2	87.7
Pueblo	normal	5.5	3.6	6.0	4.6	0.6	0	0	0	0.5	2.1	4.7	5.0	33.0
	maximum	18.3	12.7	15.3	19.2	10.6	0	0	0	7.5	16.3	25.6	12.9	72.4



Putting Knowledge to Work

Table 3. Frost probability and growing season length summary.

		Probability last SPRING frost will be before			Probability first FALL frost will be before			Probability growing season will be less than ____ days		
		90%	50%	10%	10%	50%	90%	10%	50%	90%
Canon City	32° threshold	Apr 12	May 3	May 24	Sept 20	Oct 4	Oct 17	128	154	179
	28° threshold	Mar 28	Apr 23	May 18	Oct 3	Oct 19	Nov 3	148	179	210
	24° threshold	Mar 11	Apr 8	May 6	Oct 14	Oct 31	Nov 17	173	206	240
Colorado Springs	32° threshold	Apr 23	May 4	May 15	Sept 21	Oct 3	Oct 15	134	152	171
	28° threshold	Apr 7	Apr 22	May 7	Sept 26	Oct 12	Oct 27	152	173	193
	24° threshold	Apr 1	Apr 16	Apr 30	Oct 6	Oct 22	Nov 6	168	189	210
Pueblo	32° threshold	Apr 14	Apr 28	May 13	Sept 21	Oct 6	Oct 20	137	160	183
	28° threshold	Apr 7	Apr 18	Apr 29	Sept 30	Oct 14	Oct 28	160	179	197
	24° threshold	Mar 31	Apr 10	Apr 21	Oct 9	Oct 24	Nov 7	178	196	215
Site Information	Station	Number	Elevation		Latitude		Longitude			
	Canon City	51294	5340		38° 26'		105° 6'			
	Colorado Springs	51778	6170		38° 49'		104° 42"			
	Pueblo	56740	4640		38° 17'		104° 31'			

Table 4. Typical planting and harvest period based on average frost dates and normal temperatures.

Pueblo

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)									75-85 day, cool-season crops								
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)																FROST
	75-85 day, semi-tender, warm-season crops (corn)																
			70-75 day, tender, warm-season crops (tomatoes, peppers, eggplant)														
		FROST	80-85 day, tender, warm-season crops (cantaloupe, watermelon, winter squash)														
			90-100 day, tender, warm-season crops (winter squash)														

Canon City

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)								65-75 day, cool-season crops (peas)									
45-55 day, cool-season crops (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 (corn)															FROST
		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)														

Colorado Springs

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.
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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)															FROST
		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)														

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