

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

- o CMG GardenNotes are available online at www.cmg.colostate.edu.
- o Colorado Master Gardener training is made possible, in part, by a grant from the Colorado Garden Show, Inc.
- o Colorado State University, U.S. Department of Agriculture and Colorado counties cooperating.
- o CSU Extension programs are available to all without discrimination.
- o Copyright 2002. Colorado State University Extension. CMG GardenNotes may be reproduced, without changes or additions, for nonprofit educational use.

Revised April 2008

