



CMG GardenNotes #754

# Climate Summary: San Luis Valley, Colorado

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
<b><u>Monthly Temperatures</u></b> (degrees F)														
<b>Alamosa</b>	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
<b>Del Norte</b>	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
<b>Monte Vista</b>	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
<b><u>Average Monthly Precipitation</u></b> (inches)														
<b>Alamosa</b>		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
<b>Del Norte</b>		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
<b>Monte Vista</b>		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
<b><u>Average Monthly Snowfall</u></b> (inches)														
<b>Alamosa</b>		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
<b>Del Norte</b>		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
<b>Monte Vista</b>		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%
<b>Alamosa</b>	<b>32° threshold</b>	May 25	<b>June 10</b>	June 20	Aug 28	<b>Sept 10</b>	Sept 25	76	<b>95</b>	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
<b>Del Norte</b>	<b>32° threshold</b>	May 15	<b>May 30</b>	June 14	Sept 8	<b>Sept 22</b>	Oct 4	92	<b>116</b>	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
<b>Monte Vista</b>	<b>32° threshold</b>	May 20	<b>June 6</b>	June 22	Aug 26	<b>Sept 11</b>	Sept 28	66	<b>97</b>	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

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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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