

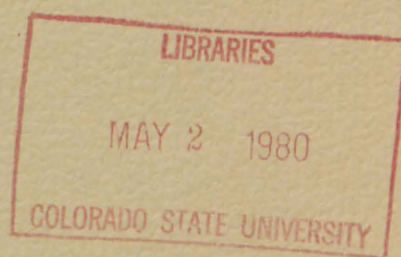
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COLORADO GROWING SEASON

BY

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CLIMATOLOGY REPORT NO. 77-3



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COLORADO STATE UNIVERSITY
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INTRODUCTION

Many industrial, commercial, and agricultural operations are limited by the occurrence of freezing temperatures. This report is intended as a guide on the last occurrence in the spring and the first occurrence in the fall of critically low temperatures and freeze-free period for the state of Colorado. Freeze-free season length and freeze date probabilities were computed using National Weather Service (NWS) climate stations.

Living plants can function properly only within a restricted temperature range. In Colorado no growth of agricultural importance takes place when temperatures are much below freezing. The extent of plant injury at temperatures below 32°F is dependent on such factors as species, variety, vigor, rate of freezing and thawing, duration of the freeze, preconditioning and stage of plant development. For these reasons little specific information is available regarding critical freeze temperatures for various plants. Decker (1955) suggested the following freeze classifications as a general guide:

- | | | |
|--------------------|---------------|------------------------------|
| 1. Light Freeze | 29-32°F | Tender plants killed. |
| 2. Moderate Freeze | 25-28°F | Semi-hardy plants killed. |
| 3. Severe Freeze | 24°F or lower | Heavy damage to most plants. |

Sixty-two U. S. National Weather Service Climate Stations were used in this freeze study. These stations have nearly complete records of minimum temperatures for the period 1951-1970. A brief description of the stations is presented in Table 1. Each station is equipped with a self-indicating alcohol-in-glass minimum thermometer mounted in a standard shelter approximately five feet above the ground surface.

The limitations of this data base are:

1. the temperature at five feet above the ground may not be representative of the vegetative environment near the ground,
2. local influences such as terrain, soil type and exposure influence the surface minimum, and
3. meteorological conditions on typical freeze nights can lead to temperatures several degrees lower at the ground surface as compared to temperatures inside a shelter at five feet above ground.

In some instances these limitations can lead to serious errors in the true freeze dates and length of growing season. However, the report does serve as an excellent guide for users interested in relative freeze dates and growing season statistics over Colorado.

METHODOLOGY

The occurrence of the last freeze in the spring and the first freeze in the fall and the associated freeze period was determined for five threshold temperatures: 32°F, 28°F, 24°F, 20°F, and 16°F. A preliminary study for stations in eastern Colorado indicated that the mid-point between the last freeze in spring and first freeze in the fall was July 20. Therefore a freeze on or before July 20 is defined in this report as a spring freeze and after July 20 as a fall freeze. This definition deviates from the National Weather Service definition which uses July 1 as the dividing date between spring and fall freezes. Normally both definitions produce identical results, however, a

discrepancy arises for high elevation stations which have short growing seasons. Choosing July 1 as the dividing date produces a shorter growing season than the July 20 date. Since Colorado has many mountain stations we elected to use July 20 as the dividing date for spring and fall freezes.

RESULTS

Table 2 provides a summary of 32, 28, 24, 20, and 16°F spring and fall freeze thresholds and their associated freeze free periods. Also included is the standard deviation (SD) for the three parameters and the last spring freeze, first fall freeze and longest (Max) and shortest (Min) freeze free period for the years 1951 through 1970. This data provides a freeze climatology for many stations in Colorado and is the framework for the probabilities presented in Table 3. Table 3 provides probabilities or risk of occurrence of freezing temperatures in Colorado after specific dates in the spring and before specific dates in the fall. The results presented in Table 3 allow the operator to select the probability or risk he is willing to take. For example, if a farmer in Akron, Colorado decides it would be economically feasible to risk a freeze of 32°F only 1 year out of 5, (20%), he should plan his planting such that the crop will not be damaged by a freeze on May 22. In some instances unfavorable weather or other factors can cause a late planting and the farmer has to contend with a fall freeze. Since a freeze in the fall could essentially lead to a complete loss of his crop, he may wish to decrease his risk to only 1 year out of 10 (10%). To protect against such a freeze the crop must be mature by

September 17, as shown in Table 3. Other probabilities are also indicated in Table 3 with the mean dates listed in the 50% probability column and corresponding to the 50-50 chance of occurrence.

The maps presented in Figures 1, 2, and 3 give a general description of the probability of a 32°F freeze and the average growing season in different parts of Colorado. Because of local variations of freezing temperatures resulting from topography, cold air drainage, soil type and city effects, caution should be used when interpolating between stations.

Figures 4 and 5 illustrate the control of elevation on growing season for the eastern and western slope stations. Simple linear regression analysis on 62 stations indicated that growing season decreases 2.2 days for each 100 ft increase in elevation. The relationship described by the regression analysis was as follows:

$$\text{Growing Season} = 251.016 - (0.022 \times \text{elevation}) ,$$

where elevation is feet above mean sea level. This relationship described 75% of the variance in the length of growing season. However, as shown in Figures 4 and 5 large variations can exist because of other local controls as mentioned above. For example, Figure 4 illustrates the abnormally long growing season for stations along the front range. Figure 5 illustrates the influence of trapping or cold air pooling on growing season. Fraser, which is a good trapper, has a growing season of 6 days compared to 68 days for Leadville which is well drained and 1600 ft higher in elevation than Fraser.

Table 1. Index of 20 year Climate Stations in Colorado.

Station	Index									Obs Time	
	No.	Div.	County	Lat	Long	Elev	Temp	Precip			
Akron FAA AP	0114	03	Washington	40 10	103 13	4663	2400	2400			
Alamosa WSO	0130	05	Alamosa	37 27	105 52	7536	2400	2400			
Aspen	0370	02	Pitkin	39 11	106 50	7928	1700	1700			
Boulder	1638	04	Boulder	40 00	105 16	5445	1800	1800			
Buena Vista	1071	01	Chaffee	38 51	106 08	7954	1600	1600			
Burlington	1121	03	Kit Carson	39 19	102 16	4165	1700	0700			
Canon City	1294	01	Fremont	38 26	105 16	5343	0700	1700			
Cheyenne Wells	1564	03	Cheyenne	38 49	102 21	4250	1600	1600			
Climax 2 NW	1660	02	Eagle	39 23	106 12	11300	1600	1600			
Collbran 2 SW	1741	02	Mesa	39 14	107 58	6130	1700	1700			
Colorado Springs WSO	1778	01	El Paso	38 49	104 43	6145	2400	2400			
Cortez	1886	02	Montezuma	37 21	108 34	6177	1700	1700			
Craig	1928	02	Moffat	40 31	107 33	6285	2300	2300			
Crested Butte	1959	02	Gunnison	38 52	106 58	8855	1700	1700			
Delta	2192	02	Delta	38 46	108 07	5055	1800	1800			
Denver WSFO AP	2220	04	Denver	39 45	104 52	5283	2400	2400			
Denver City	2225	04	Denver	39 45	105 00	5221	2400	2400			
Dillon 1 E	2281	02	Summit	39 38	106 02	9065	1600	1600			
Durango	2432	02	La Plata	37 17	107 53	6550	1800	1800			
Eads	2446	01	Kiowa	38 29	102 47	4215	1700	1700			
Eagle FAA AP	2454	02	Eagle	39 39	106 55	6497	2400	2400			
Estes Park	2759	04	Larimer	40 23	105 31	7497	1600	1600			
Fort Collins	3005	04	Larimer	40 35	105 05	5001	1900	1900			
Fort Lupton 2 SE	3027	04	Weld	40 04	104 49	4888	1700	1700			
Fort Morgan	3038	04	Morgan	40 15	103 48	4321	0800	0800			
Fraser	3113	02	Grand	39 57	105 50	8460	2300	2300			
Fruita	3146	02	Mesa	39 10	105 44	4507	1700	0700			
Glenwood Springs 1 N	3359	02	Garfield	39 34	107 20	5823	1700	1700			
Grand Junction WSO AP	3488	02	Mesa	39 07	108 32	4855	2400	2400			
Greeley UNC	3546	04	Weld	40 25	104 42	4653	1600	1600			
Gunnison	3662	02	Gunnison	38 32	106 56	7664	1700	1700			
Julesburg	4413	04	Sedgwick	41 00	102 15	3469	1700	1700			
Kremmling	4664	02	Grand	40 04	106 24	7360	1700	1700			
Lamar	4770	01	Prowers	38 07	102 36	3617	2300	2300			
Las Animas	4834	01	Bent	38 04	103 13	3890	1700	1700			
Leadville	4884	01	Lake	39 15	106 18	10158	2300	2300			
Limon WSMO	5018	01	Lincoln	39 11	103 42	5557	1200	1200			
Longmont 6 NW	5121	04	Boulder	40 15	105 09	5150	0800	0800			
Meeker 2	5487	02	Rio Blanco	40 02	107 55	6347	1800	1800			
Monte Vista	5706	05	Rio Grande	37 35	106 09	7667	1700	1700			
Montrose NO.2	5722	02	Montrose	38 29	107 53	5830	0700	0700			
Pagosa Springs	6258	02	Archuleta	37 16	107 01	7238	1700	1700			
Paonia 1 SW	6306	02	Delta	38 62	107 36	5580	0700	0700			
Paradox 1 E	6315	02	Montrose	38 22	108 57	5280	0700	0700			
Parker 6 E	6326	04	Elbert	39 32	104 39	6310	1700	1700			
Pueblo WSO AP	6740	01	Pueblo	38 17	104 31	4639	1200	1200			
Rangely	6832	02	Rio Blanco	40 05	108 47	5216	1700	1700			
Rifle	7031	02	Garfield	39 32	107 48	5400	1700	1200			
Rocky Ford 2 SE	7167	01	Otero	38 02	103 42	4170	1700	1700			
Ruxton Park	7309	01	El Paso	38 51	104 59	9050	1800	1800			

Table 1. Continued.

Station	Index		County				Obs Time		
	No.	Div.		Lat	Long	Elev	Temp	Precip	
Saguache	7337	05	Saguache	38 05	106 09	7697	1700	1700	
Silverton	7656	02	San Juan	37 48	107 40	9322	1700	1700	
Spicer	7848	04	Jackson	40 27	106 28	8380	1700	1700	
Steamboat	7936	02	Routt	40 30	106 50	6770	SS	SS	
Sterling	7950	04	Logan	40 37	103 12	3939	0800	0800	
Telluride	8204	02	San Miguel	37 56	107 49	8800	1800	1800	
Trinidad FAA AP	8434	01	Las Animas	37 15	104 20	5746	1200	1200	
Two Buttes	8510	01	Baca	37 34	102 24	4075			
Walden	8756	04	Jackson	40 44	106 16	8099	1800	1800	
Walsenburg	8781	01	Huerfano	37 37	104 48	6220	1700	1700	
Waterdale	8839	04	Larimer	40 25	105 12	5260	0800	0800	

SS This entry in time of observation column means observation made near sunset.

Table 2. Spring, Fall and Growing Season Statistics.

Station	Spring Freeze				Fall Freeze			Freeze Free Period (Days)			
	T	Mean	SD*	Last	Mean	SD	First	Mean	SD	Max	Min
Akron FAA AP	32	5-13	9.6	6-03	9-30	10.9	9-09	140.	14.6	167.	110.
	28	4-30	12.1	6-03	10-13	12.3	9-17	166.	21.0	205.	120.
	24	4-19	14.1	5-14	10-24	10.7	10-07	188.	19.7	228.	159.
	20	4-08	12.6	5-02	1-02	13.4	10-06	209.	21.5	250.	177.
	16	3-31	13.9	4-22	1-07	12.0	10-13	221.	19.7	254.	178.
Alamosa WSO AP	32	6-05	12.3	6-27	9-07	8.7	8-21	93.	16.1	125.	59.
	28	5-22	11.7	6-09	9-20	9.1	9-05	121.	16.0	152.	98.
	24	5-08	8.2	5-25	10-01	11.0	9-10	146.	13.8	171.	123.
	20	5-01	8.8	5-20	10-09	9.9	9-17	160.	12.8	182.	133.
	16	4-23	9.1	5-11	10-19	10.3	10-03	179.	11.6	200.	161.
Aspen	32	6-15	11.9	7-08	9-05	14.1	8-16	82.	21.6	130.	53.
	28	5-27	14.0	6-30	9-23	12.4	8-24	119.	23.6	154.	55.
	24	5-13	12.7	6-07	10-05	12.0	9-09	145.	19.9	188.	115.
	20	5-02	14.0	5-23	10-17	14.7	9-25	168.	21.1	221.	130.
	16	4-20	12.2	5-11	10-24	15.2	9-25	187.	19.5	224.	153.
Boulder	32	5-03	13.7	6-03	10-11	14.2	9-17	161.	21.4	197.	110.
	28	4-18	13.9	5-13	10-21	12.6	9-17	185.	14.2	213.	156.
	24	4-08	16.2	5-12	11-04	13.7	10-07	210.	21.1	251.	177.
	20	3-31	12.3	4-20	11-10	15.2	10-12	224.	20.6	268.	197.
	16	3-26	12.4	4-20	11-16	15.7	10-13	235.	19.6	269.	202.
Buena Vista	32	5-31	8.7	6-12	9-13	12.1	8-24	105.	12.5	130.	86.
	28	5-16	8.6	6-02	9-25	15.7	9-04	132.	17.5	167.	109.
	24	5-02	10.5	5-22	10-08	15.0	9-04	159.	17.5	190.	131.
	20	4-24	11.8	5-12	10-19	13.7	9-26	178.	20.4	224.	146.
	16	4-09	11.1	4-28	10-29	9.5	10-12	202.	15.4	241.	173.
Burlington	32	5-05	11.3	6-02	10-03	14.1	9-06	150.	19.6	184.	106.
	28	4-25	12.3	5-19	10-20	10.6	10-01	178.	18.6	233.	155.
	24	4-15	11.2	5-02	10-29	13.9	10-07	197.	20.2	242.	160.
	20	4-06	11.2	4-22	11-06	11.7	10-07	214.	17.7	247.	180.
	16	3-29	8.7	4-13	11-10	8.6	10-27	226.	12.9	247.	202.

Table 2. Continued.

Station	Spring Freeze				Fall Freeze			Freeze Free Period (Days)			
	T	Mean	SD*	Last	Mean	SD	First	Mean	SD	Max	Min
Canon City	32	5-02	16.4	6-19	10-13	14.0	9-17	164.	20.9	210.	109.
	28	4-19	16.1	5-15	10-24	12.7	9-30	188.	24.2	229.	156.
	24	4-08	14.1	5-02	11-08	11.3	10-12	215.	20.9	260.	184.
	20	3-29	14.8	4-30	11-13	14.6	10-12	229.	23.0	270.	187.
	16	3-18	22.1	4-30	11-23	19.5	10-12	250.	35.1	336.	187.
Cheyenne Wells	32	5-05	9.4	6-02	10-04	11.2	9-16	152.	18.1	181.	111.
	28	4-27	9.7	5-16	10-13	12.4	9-20	170.	14.9	196.	141.
	24	4-17	11.5	5-12	10-25	11.4	10-07	191.	19.7	230.	155.
	20	4-03	10.9	4-19	11-02	12.0	10-07	213.	19.0	244.	180.
	16	3-29	11.5	4-19	11-08	12.1	10-07	224.	19.4	260.	194.
Climax	32	7-01	9.1	7-15	8-12	16.6	7-21	42.	23.0	97.	9.
	28	6-15	11.6	6-30	9-09	15.7	8-17	86.	21.0	125.	54.
	24	6-05	14.9	6-30	9-16	16.0	8-17	104.	24.4	147.	59.
	20	5-21	12.5	6-17	9-29	12.7	9-09	131.	17.6	159.	97.
	16	5-17	14.4	6-17	10-08	13.7	9-09	143.	23.9	186.	97.
Collbran 2 SW	32	5-22	9.2	6-07	9-27	13.8	9-03	128.	17.9	154.	101.
	28	5-03	12.7	6-07	10-14	14.8	9-21	164.	21.0	192.	129.
	24	4-19	11.4	5-11	10-24	15.1	9-26	188.	21.5	224.	147.
	20	4-11	10.7	5-02	11-01	12.6	10-08	203.	20.0	246.	159.
	16	3-29	10.6	4-15	11-10	12.7	10-08	225.	20.2	251.	179.
Colorado Sprgs WSO AP	32	5-07	11.1	6-03	10-07	14.0	9-03	152.	19.3	191.	110.
	28	4-30	10.7	5-17	10-16	12.3	9-17	169.	12.9	191.	145.
	24	4-18	13.5	5-13	10-25	11.7	10-03	190.	18.3	237.	158.
	20	4-03	11.5	4-20	11-03	15.2	10-04	213.	20.9	254.	174.
	16	3-29	12.3	4-20	11-11	12.4	10-12	227.	19.2	269.	200.
Cortez	32	5-21	11.8	6-17	9-30	12.9	9-09	133.	18.5	165.	96.
	28	5-05	13.2	5-29	10-16	11.9	9-26	164.	16.5	197.	132.
	24	4-25	10.2	5-16	10-23	11.5	10-05	181.	15.7	210.	144.
	20	4-13	13.5	5-07	11-02	10.7	10-15	203.	19.8	246.	164.
	16	3-29	14.9	4-27	11-15	12.4	10-28	231.	22.5	270.	184.

Table 2. Continued.

Station	T	Spring Freeze			Fall Freeze			Freeze Free Period (Days)			
		Mean	SD*	Last	Mean	SD	First	Mean	SD	Max	Min
Craig	32	6-04	12.8	7-01	9-10	13.7	8-01	97	19.8	125.	46.
	28	5-17	10.8	6-04	9-20	16.3	8-01	126	18.4	160.	77.
	24	4-30	14.5	5-28	9-30	18.0	8-01	153.	17.1	191.	122.
	20	4-20	13.3	5-13	10-09	20.7	8-01	172.	19.0	200.	123.
	16	4-10	12.1	4-11	10-22	23.4	8-01	195.	20.7	221.	124.
Crested Butte	32	6-29	9.9	7-15	8-16	14.5	7-22	49.	17.5	72.	13.
	28	6-07	12.5	7-01	9-05	10.8	8-17	91.	17.9	122.	54.
	24	5-19	10.6	5-07	9-23	10.7	9-05	127.	15.2	154.	97.
	20	5-05	9.7	5-22	10-03	12.0	9-10	151.	13.8	181.	123.
	16	4-28	10.3	5-22	10-19	12.4	9-26	174.	17.3	209.	147.
Delta	32	5-10	12.0	6-07	9-30	11.7	9-10	143.	16.7	171.	117.
	28	4-29	10.0	5-15	10-14	10.0	9-26	168.	16.3	208.	134.
	24	4-19	10.4	5-11	10-23	11.9	9-26	187.	18.3	220.	148.
	20	4-08	12.2	5-01	10-31	10.0	10-15	206.	18.4	246.	170.
	16	3-20	16.0	4-16	11-13	13.1	10-18	238.	20.4	469.	195.
Denver WSFO AP	32	5-05	12.0	6-02	10-08	13.4	9-08	155.	18.4	186.	111.
	28	4-26	9.8	5-13	10-22	8.9	10-05	279.	13.4	204.	155.
	24	4-12	14.8	5-12	10-28	11.8	10-05	198.	18.8	241.	169.
	20	3-30	12.0	4-20	11-04	11.6	10-05	219.	16.6	243.	194.
	16	3-28	12.8	4-20	11-16	14.6	10-12	234.	19.7	264.	201.
Denver City	32	5-03	10.7	6-02	10-12	17.4	9-03	162.	22.0	192.	111.
	28	4-16	14.7	5-12	10-27	15.5	9-16	194.	16.6	229.	156.
	24	4-07	16.4	5-12	11-06	15.0	10-07	213.	23.0	263.	184.
	20	3-27	13.3	4-20	11-15	14.1	10-11	233.	20.5	268.	200.
	16	3-23	13.4	4-19	11-20	17.1	10-12	242.	23.4	283.	201.
Dillon 1 E	32	7-08	10.7	7-20	8-05	18.8	7-21	28.	24.2	97.	1.
	28	6-25	12.8	7-16	8-23	16.6	7-21	59.	27.8	120.	5.
	24	6-05	13.1	7-03	9-04	16.1	8-08	91.	23.5	154.	52.
	20	5-20	13.4	6-12	9-23	13.8	9-02	126.	24.7	190.	89.
	16	5-08	13.0	6-12	10-04	15.3	9-16	148.	23.4	192.	101.

Table 2. Continued.

Station	T	Spring Freeze			Fall Freeze			Freeze Free Period (Days)			
		Mean	SD*	Last	Mean	SD	First	Mean	SD	Max	Min
Durango	32	6-10	8.8	5-26	9-17	9.0	9-04	99.	10.3	121.	81.
	28	5-18	9.4	6-07	10-01	10.5	9-10	136.	14.1	154.	111.
	24	5-02	13.0	5-21	10-14	11.4	9-21	165.	15.2	190.	140.
	20	4-17	12.4	5-04	10-25	13.2	10-02	191.	20.9	223.	159.
	16	4-04	13.6	4-30	11-06	12.3	10-17	216.	19.6	249.	180.
Eads	32	5-01	8.2	5-15	10-06	12.4	9-16	158.	17.5	192.	135.
	28	4-22	10.0	5-13	10-20	10.3	9-27	181.	14.8	307.	148.
	24	4-15	15.6	5-13	10-25	11.8	10-07	193.	23.3	237.	155.
	20	4-07	11.0	6-01	11-02	11.1	10-15	209.	18.5	244.	177.
	16	3-23	11.0	4-12	11-10	10.9	10-26	232.	15.1	257.	201.
Eagle FAA AP	32	6-18	11.6	7-15	9-03	10.4	8-17	77.	18.0	111.	40.
	28	5-25	9.4	6-12	9-14	11.1	8-25	112.	14.8	144.	92.
	24	5-14	13.6	6-07	9-26	9.2	9-09	136.	17.0	162.	106.
	20	4-29	13.2	5-28	10-07	12.8	9-09	161.	16.3	190.	133.
	16	4-16	14.0	5-12	10-21	9.6	10-07	188.	17.9	230.	162.
Estes Park	32	6-03	11.4	6-23	9-07	9.6	8-18	96.	15.6	128.	73.
	28	5-19	9.7	6-04	9-19	10.7	9-01	122.	13.7	148.	101.
	24	5-06	9.8	6-03	10-01	10.5	9-16	148.	13.8	171.	128.
	20	4-27	9.8	5-17	10-10	14.4	9-16	166.	15.4	196.	144.
	16	4-16	12.7	5-03	10-24	12.3	8-30	191.	15.1	219.	160.
Fort Collins	32	5-08	9.2	5-20	9-30	10.5	9-09	144.	15.0	182.	128.
	28	4-27	9.0	5-14	10-07	10.8	9-17	163.	13.0	192.	143.
	24	4-13	10.6	4-30	10-20	11.5	9-25	190.	19.0	229.	148.
	20	4-03	12.2	4-20	11-02	10.0	10-12	213.	16.0	243.	194.
	16	3-31	11.7	4-20	11-08	10.8	10-13	332.	16.0	259.	201.
Fort Lupton 2 SE	32	5-15	10.7	6-04	9-28	9.4	9-10	137.	14.7	165.	105.
	28	4-29	9.9	5-14	10-09	12.1	9-10	163.	15.2	187.	138.
	24	4-16	11.7	5-03	10-23	13.6	10-01	190.	18.9	231.	159.
	20	4-04	13.5	5-02	10-31	10.8	10-12	210.	19.5	244.	178.
	16	3-29	10.8	4-20	11-07	10.2	10-13	222.	14.7	247.	196.

Table 2. Continued.

Station	T	Spring Freeze			Fall Freeze			Freeze Free Period (Days)			
		Mean	SD*	Last	Mean	SD	First	Mean	SD	Max	Min
Fort Morgan	32	5-05	7.9	5-17	10-02	12.1	9-09	150.	15.8	185.	128.
	28	4-26	11.0	5-17	10-15	11.7	9-25	172.	17.8	224.	142.
	24	4-10	11.6	4-10	10-25	11.7	10-05	199.	19.0	239.	166.
	20	4-02	12.0	4-20	10-31	11.6	10-12	212.	18.1	244.	178.
	16	3-27	10.9	4-13	11-10	12.9	10-14	228.	16.9	261.	202.
Fraser	32	7-17	5.1	7-20	7-23	2.6	7-21	6.	6.3	25.	1.
	28	7-09	8.9	7-20	8-03	10.7	7-21	25.	14.0	44.	1.
	24	6-18	11.3	7-10	8-19	12.9	7-28	61.	17.5	95.	21.
	20	6-01	13.3	7-01	9-01	10.7	8-18	92	18.8	119.	54.
	16	5-09	13.2	5-03	9-13	12.8	8-24	127.	18.2	160.	95.
Fruita	32	5-10	12.2	6-09	9-30	10.3	9-10	143.	13.1	168.	123.
	28	4-29	12.8	6-07	10-12	11.4	9-23	167.	18.0	197.	129.
	24	4-17	11.5	5-11	10-23	10.2	10-07	190.	16.3	218.	165.
	20	4-05	8.7	4-21	11-03	11.8	10-16	213.	17.6	248.	188.
	16	3-20	17.4	4-17	11-14	12.2	10-30	328.	23.2	279.	196.
Glenwood Springs 1 N	32	5-18	16.2	6-30	9-26	14.3	8-21	131.	20.9	161.	85.
	28	5-03	14.7	6-02	10-09	15.3	9-13	159.	23.7	189.	117.
	24	4-19	13.7	5-14	10-20	13.1	9-26	183.	20.8	227.	146.
	20	4-04	13.7	5-14	10-30	13.9	10-13	209.	21.8	265.	155.
	16	3-21	10.5	4-08	11-14	13.6	10-27	239.	19.5	283.	209.
Grand Junction WSO AP	32	4-24	10.8	5-14	10-23	12.6	10-05	182.	18.0	226.	155.
	28	4-11	12.2	5-07	11-24	10.3	10-17	206.	19.7	248.	163.
	24	3-27	11.3	4-21	11-10	9.4	10-28	229.	16.5	252.	195.
	20	3-14	15.6	4-11	11-19	13.4	11-01	250.	21.4	283.	204.
	16	2-25	19.5	3-23	12-05	15.7	11-02	283.	25.6	341.	239.
Greely UNC	32	5-10	11.3	6-03	9-28	10.8	9-09	141.	15.2	170.	110.
	28	4-25	11.5	5-14	10-12	12.5	9-17	169.	15.0	193.	143.
	24	4-12	14.0	5-12	10-36	9.2	10-07	196.	20.8	233.	165.
	20	4-03	11.7	4-21	10-20	9.3	10-07	210.	14.7	238.	182.
	16	3-30	11.7	4-20	11-10	9.6	10-27	224.	16.2	259.	201.

Table 2. Continued.

Station	T	Spring Freeze			Fall Freeze			Freeze Free Period (Days)			
		Mean	SD*	Last	Mean	SD	First	Mean	SD	Max	Min
Gunnison	32	6-27	8.6	7-15	8-22	15.8	7-22	56.	20.4	88.	14.
	28	6-11	11.7	7-01	9-06	11.7	8-17	86.	19.0	120.	54.
	24	5-26	13.6	7-01	9-18	9.8	8-25	115.	17.9	145.	78.
	20	5-13	10.9	5-28	9-29	10.6	9-09	139.	16.6	164.	109.
	16	4-29	10.0	5-17	10-11	11.3	9-10	165.	13.6	187.	132.
Julesburg	32	5-04	9.8	5-24	10-02	11.0	9-10	151.	12.4	176.	131.
	28	4-24	9.8	5-13	10-13	10.0	9-27	172.	16.2	197.	144.
	24	4-15	12.6	5-03	10-22	13.8	9-27	190.	10.0	242.	165.
	20	4-09	11.8	5-01	11-02	12.8	10-06	207.	15.5	245.	186.
	16	3-29	13.9	4-20	11-10	13.5	10-06	225.	20.2	264.	196.
Kremmling	32	7-05	8.0	7-15	8-23	13.2	7-28	50.	9.0	65.	34.
	28	6-17	11.5	7-03	9-04	9.7	8-22	78.	18.9	110.	54.
	24	6-09	13.5	6-30	9-06	11.4	8-22	90.	18.3	117.	55.
	20	5-16	12.5	6-07	9-24	13.9	9-01	131.	23.8	167.	86.
	16	4-27	11.0	5-12	10-04	10.4	9-16	160.	14.6	181.	142.
Lamar	32	4-30	7.8	5-14	10-10	9.8	9-25	163.	14.6	193.	141.
	28	4-18	12.2	5-13	10-20	8.9	10-06	184.	16.4	219.	155.
	24	4-07	9.9	4-23	10-29	11.0	10-07	204.	15.4	237.	180.
	20	3-29	10.2	4-20	11-60	9.8	10-15	222.	15.1	250.	195.
	16	3-19	11.3	4-10	11-18	11.1	11-01	244.	15.7	268.	209.
Las Animas	32	4-29	6.8	5-14	10-10	11.6	9-16	164.	14.4	194.	136.
	28	4-19	8.5	5-02	10-16	10.2	9-25	180.	11.9	197.	162.
	24	4-12	9.3	5-01	10-25	8.7	10-07	195.	13.6	220.	170.
	20	3-31	13.5	4-20	11-03	10.5	10-13	216.	18.4	257.	193.
	16	3-20	11.2	4-15	11-10	11.5	10-13	236.	19.0	264.	202.
Leadville	32	6-19	12.7	7-16	8-26	15.6	7-22	68.	21.8	106.	32.
	28	6-07	14.8	6-30	9-13	14.4	8-17	98.	23.4	137.	55.
	24	5-22	9.9	6-11	9-25	14.2	9-01	126.	18.0	152.	93.
	20	5-16	10.4	6-02	10-08	11.0	9-20	145.	15.8	173.	115.
	16	5-01	9.4	5-17	10-15	12.5	9-21	167.	15.3	190.	136.

Table 2. Continued.

		Spring Freeze				Fall Freeze			Freeze Free Period (Days)			
Station		T	Mean	SD*	Last	Mean	SD	First	Mean	SD	Max	Min
Limon WSMO		32	5-14	9.3	6-03	9-29	14.2	9-04	138.	18.0	178.	106.
		28	5-06	8.3	5-19	10-09	10.6	9-17	156.	15.0	183.	130.
		24	4-24	10.7	5-13	10-20	12.6	9-26	179.	18.0	225.	147.
		20	4-14	9.7	5-02	10-30	13.4	10-05	199.	18.0	238.	177.
		16	3-31	11.3	4-20	11-06	11.6	10-12	219.	20.0	248.	185.
Longmont 6 NW		32	5-08	11.9	6-02	10-02	11.0	9-10	147.	18.7	182.	106.
		28	4-27	7.1	5-14	10-10	11.1	9-24	155.	13.8	192.	139.
		24	4-14	10.3	5-02	10-23	9.6	10-08	192.	13.9	229.	166.
		20	4-06	11.2	4-21	11-02	9.4	10-13	210.	15.0	243.	192.
		16	3-30	10.8	4-19	11-08	11.2	10-13	332.	15.4	246.	196.
Meeker 2		32	6-06	13.6	6-30	9-07	9.2	8-17	93.	17.4	124.	57.
		28	5-21	16.0	6-30	9-23	12.2	9-02	125.	19.7	154.	79.
		24	5-03	13.1	5-28	10-02	12.6	9-09	152.	16.6	188.	122.
		20	4-21	13.3	5-20	10-19	15.4	9-22	182.	23.0	224.	149.
		16	4-12	12.3	5-07	11-01	11.1	10-15	204.	16.3	245.	182.
Monte Vista		32	6-07	15.2	7-09	9-07	11.3	8-18	92.	23.1	140.	53.
		28	5-26	14.0	6-17	9-18	13.1	8-21	115.	20.9	160.	86.
		24	5-13	11.5	6-07	10-02	10.8	9-10	142.	16.7	170.	113.
		20	5-03	9.8	5-25	10-15	11.9	9-20	165.	14.1	186.	137.
		16	4-19	13.2	5-15	10-23	12.0	10-02	187.	16.5	224.	159.
Montrose NO.2		32	5-10	11.9	5-28	10-06	12.9	9-10	149.	18.9	178.	114.
		28	4-26	11.6	5-20	10-15	12.3	9-21	172.	15.0	195.	146.
		24	4-16	12.4	5-07	10-31	10.7	10-08	198.	19.3	241.	162.
		20	3-30	13.2	4-26	11-09	13.1	10-17	223.	19.8	258.	186.
		16	3-21	9.2	4-11	11-18	14.1	10-27	243.	18.9	280.	205.
Pagosa Springs		32	6-23	8.6	7-09	9-06	13.2	8-04	75.	17.7	98.	30.
		28	6-09	11.1	7-05	9-16	14.5	8-10	99.	22.7	142.	36.
		24	5-21	14.4	6-17	10-01	12.7	8-28	132.	21.5	171.	90.
		20	5-03	10.2	5-20	10-14	13.9	9-17	163.	16.5	190.	124.
		16	6-26	11.3	5-14	10-28	11.2	10-06	186.	16.4	214.	156.

		Spring Freeze				Fall Freeze			Freeze Free Period (Days)			
Station		T	Mean	SD*	Last	Mean	SD	First	Mean	SD	Max	Min
Paonia	1 SW	32	5-07	7.3	5-17	10-05	12.5	9-17	151.	14.5	171.	123.
		28	5-02	8.4	5-17	10-15	11.2	9-26	167.	16.2	191.	140.
		24	4-20	10.5	5-07	10-28	12.6	10-08	191.	20.3	228.	159.
		20	3-29	10.3	4-15	11-03	10.4	10-17	219.	13.2	247.	202.
		16	3-14	12.3	3-28	11-18	14.2	10-27	249.	19.4	293.	213.
Paradox	1 E	32	5-16	12.1	6-13	9-26	12.7	9-04	133.	18.1	165.	100.
		28	5-07	13.3	6-07	10-08	13.8	9-10	154.	20.5	190.	115.
		24	4-24	12.3	5-16	10-20	12.5	9-26	179.	18.3	205.	138.
		20	4-12	13.9	5-02	10-30	11.6	10-07	102.	19.2	232.	169.
		16	3-24	17.2	4-30	11-09	12.4	10-07	230.	26.5	261.	169.
Parker	6 E	32	5-23	14.5	6-27	9-20	14.0	8-22	120.	19.6	155.	82.
		28	5-12	11.5	6-03	10-01	11.6	9-02	142.	14.6	168.	117.
		24	4-29	13.0	5-19	10-12	10.1	9-17	166.	16.5	194.	130.
		20	4-22	99.7	5-14	10-21	11.2	9-30	182.	11.7	199.	155.
		16	4-08	13.6	4-30	10-31	12.4	10-09	206.	19.6	246.	177.
Pueblo	WSO AP	32	4-27	11.2	5-13	10-12	12.0	9-21	168.	18.0	199.	133.
		28	4-17	9.0	5-01	10-21	9.2	10-04	187.	11.0	203.	165.
		24	4-02	10.8	4-20	10-30	11.8	10-09	211.	18.0	237.	182.
		20	3-27	12.2	4-20	11-06	13.9	10-09	224.	21.0	255.	182.
		16	3-20	12.3	4-12	11-20	10.4	11-30	245.	17.0	270.	207.
Rangely		32	5-19	14.5	5-30	9-16	15.3	8-17	120.	23.8	157.	66.
		28	5-03	12.9	5-28	9-30	10.5	9-10	150.	14.6	182.	132.
		24	4-19	13.6	5-07	10-13	10.9	9-18	177.	17.3	209.	155.
		20	4-09	14.0	4-28	10-22	11.2	10-07	196.	22.8	234.	163.
		16	4-01	13.9	4-26	11-02	14.6	10-08	215.	26.3	246.	176.
Rifle		32	5-26	15.9	6-30	9-17	13.5	8-17	114.	24.6	148.	56.
		28	5-09	12.4	5-29	9-29	12.5	9-02	142.	16.8	173.	113.
		24	4-29	12.6	5-17	10-13	10.9	9-23	167.	13.3	188.	134.
		20	4-11	13.7	5-02	10-24	11.1	10-07	197.	16.3	221.	169.
		16	3-29	14.0	4-23	11-03	11.0	10-15	219.	17.4	261.	196.

Table 2. Continued.

Station	T	Spring Freeze			Fall Freeze			Freeze Free Period (Days)			
		Mean	SD*	Last	Mean	SD	First	Mean	SD	Max	Min
Rocky Ford 2 SE	32	5-04	9.3	5-17	10-07	11.2	9-16	156.	16.4	193.	133.
	28	4-22	10.2	5-13	10-15	10.2	9-25	176.	16.5	209.	147.
	24	4-12	9.2	5-01	10-22	8.3	10-07	194.	14.8	220.	168.
	20	4-02	9.2	4-20	11-01	13.0	10-13	214.	17.1	248.	178.
	16	3-25	12.5	4-15	11-12	12.1	10-13	233.	19.0	262.	201.
Ruxton Park	32	6-23	8.7	7-13	8-24	17.5	7-22	62.	15.5	82.	34.
	28	6-08	12.6	6-25	9-12	12.5	9-01	97.	18.9	147.	83.
	24	5-20	15.6	6-23	9-30	18.5	9-01	133.	29.1	184.	96.
	20	5-15	11.5	6-05	10-05	15.7	9-04	143.	22.0	172.	110.
	16	5-07	9.5	5-20	10-10	14.3	9-17	156.	15.5	190.	134.
Saguache	32	6-04	12.3	6-27	9-19	11.1	9-04	107.	16.2	137.	81.
	28	5-17	10.2	6-07	9-30	12.7	9-04	135.	16.5	168.	104.
	24	5-03	10.5	5-17	10-13	10.3	9-25	162.	14.7	187.	134.
	20	4-23	10.6	5-11	10-21	12.1	9-26	180.	15.1	219.	147.
	16	4-16	10.7	5-02	11-01	10.0	10-13	199.	14.5	222.	176.
Silverton	32	7-07	8.2	7-20	8-14	15.4	7-21	38.	17.1	73.	1.
	28	6-21	10.5	7-14	9-01	12.0	8-17	72.	18.3	106.	42.
	24	5-29	13.4	6-29	9-25	13.3	9-04	119.	21.1	154.	84.
	20	5-14	13.0	6-07	10-05	10.3	9-16	144.	16.7	164.	105.
	16	5-01	13.3	6-07	10-18	10.2	10-02	170.	13.7	191.	141.
Spicer	32	6-25	4.6	6-30	8-01	15.5	7-01	37.	27.7	92.	1.
	28	6-08	12.4	6-30	9-12	21.5	7-01	85.	25.9	115.	1.
	24	5-25	12.9	6-13	9-13	25.8	7-01	110.	29.5	149.	33.
	20	5-10	9.4	5-28	9-25	16.4	8-22	137.	18.9	173.	102.
	16	4-27	10.7	5-15	10-08	16.6	7-09	164.	21.8	194.	131.
Steamboat	32	7-01	7.8	7-17	8-14	13.2	7-21	43.	15.9	69.	4.
	28	6-10	14.5	7-01	9-05	10.9	8-17	86.	20.8	130.	54.
	24	5-17	12.0	6-04	9-19	13.4	8-28	125.	19.9	161.	96.
	20	5-03	12.9	5-28	9-30	10.8	9-09	150.	16.7	180.	116.
	16	4-16	10.2	5-01	10-11	14.2	9-09	178.	17.2	211.	155.

Table 2. Continued.

Station	T	Spring Freeze			Fall Freeze			Freeze Free Period (Days)			
		Mean	SD*	Last	Mean	SD	First	Mean	SD	Max	Min
Sterling	32	5-10	10.9	6-03	9-26	11.9	9-01	139.	14.8	159.	106.
	28	4-26	9.2	5-13	10-10	13.3	9-09	166.	13.2	189.	141.
	24	4-16	11.8	5-02	10-21	11.4	9-27	188.	18.1	225.	166.
	20	4-07	10.4	4-22	10-30	11.7	10-06	206.	16.7	240.	178.
	16	3-30	12.2	4-20	11-06	12.4	10-06	222.	17.8	250.	196.
Telluride	32	6-28	9.3	7-18	8-27	15.2	7-22	50.	18.5	86.	21.
	28	6-15	11.9	7-15	9-08	17.1	8-09	86.	24.0	125.	25.
	24	5-19	15.6	6-23	9-26	14.7	8-30	130.	20.0	163.	93.
	20	5-09	12.8	6-07	10-11	11.7	9-21	154.	17.2	182.	116.
	16	4-24	11.6	5-15	10-20	12.0	9-21	179.	15.6	308.	153.
Trinidad FAA AP	32	5-12	9.7	6-03	10-08	12.7	9-17	149.	14.9	175.	123.
	28	4-29	10.6	5-19	10-20	12.7	9-17	174.	14.3	196.	147.
	24	4-18	9.6	5-02	10-28	12.2	10-08	193.	13.1	223.	175.
	20	4-02	11.1	4-20	11-09	15.1	10-09	222.	18.0	254.	188.
	16	3-28	12.9	4-20	11-15	14.9	10-13	232.	17.8	272.	202.
Two Buttes	32	4-30	7.6	5-14	10-12	13.0	9-22	165.	15.0	193.	142.
	28	4-20	11.9	5-13	10-25	9.0	10-07	188.	15.0	219.	166.
	24	4-07	11.1	4-22	11-02	10.1	10-15	209.	16.0	237.	188.
	20	3-29	12.5	4-18	11-08	12.2	10-15	224.	19.0	255.	188.
	16	3-19	15.7	4-10	11-18	12.9	11-02	245.	18.0	268.	214.
Walden	32	7-05	12.1	7-20	8-07	11.9	7-21	33.	18.7	58.	1.
	28	6-16	14.7	7-09	8-22	13.1	7-28	67.	19.8	117.	40.
	24	5-29	12.8	7-01	9-06	9.2	8-22	100.	15.3	122.	60.
	20	5-14	7.3	5-28	9-11	11.5	8-22	120.	11.5	147.	103.
	16	5-04	10.6	5-19	9-26	10.2	9-09	145.	9.7	161.	127.
Walsenburg	32	5-09	8.2	5-20	10-04	15.7	9-04	147.	17.4	179.	113.
	28	4-28	9.1	5-14	10-17	12.7	9-25	172.	15.8	198.	143.
	24	4-17	9.0	5-12	10-28	11.4	10-08	194.	14.7	230.	167.
	20	4-10	12.3	5-01	11-01	14.3	10-09	206.	18.0	247.	178.
	16	4-03	13.7	5-01	11-12	14.3	10-12	223.	15.1	247.	192.

Table 2. Continued.

Station	T	Spring Freeze			Fall Freeze			Freeze Free Period (Days)			
		Mean	SD*	Last	Mean	SD	First	Mean	SD	Max	Min
Waterdale	32	5-17	8.4	6-03	9-26	13.1	9-02	123.	14.2	160.	106.
	28	5-03	9.3	5-20	10-06	11.1	9-17	156.	14.7	190.	131.
	24	4-20	12.2	5-17	10-18	9.9	9-30	181.	15.4	411.	154.
	20	4-06	11.7	4-24	10-28	12.8	10-03	205.	18.6	247.	172.
	16	4-02	11.4	4-20	11-08	10.7	10-13	221.	16.9	255.	200.

*SD = Standard Deviation

Table 3. Spring and Fall Freeze Dates and their Probabilities.

Station	T	SPRING					FALL				
		Probability That Last Spring Freeze Will Occur On or After Date					Probability That First Fall Freeze Will Occur On or Before Date				
		90	80	50	20	10	90	80	50	20	10
Akron FAA AP	32	5-01	5-06	5-14	5-22	5-26	10-15	10-10	10-01	9-21	9-17
	28	4-15	4-21	5-01	5-11	5-16	10-29	10-24	10-14	10-13	9-28
	24	4-01	4-07	4-19	5-01	5-07	11-07	11-03	10-25	10-16	10-10
	20	3-23	3-29	4-08	4-19	4-24	11-20	11-14	11-03	10-23	10-17
	16	3-13	3-19	3-31	4-12	4-18	11-23	11-18	11-08	10-28	10-23
Alamosa WSO AP	32	5-21	5-26	6-06	6-16	6-21	9-18	9-14	9-07	8-31	8-27
	28	5-07	5-12	5-22	6-01	6-06	10-02	9-28	9-20	9-13	9-09
	24	4-28	5-02	5-09	5-15	5-19	10-15	10-10	10-01	9-22	9-17
	20	4-20	4-24	5-02	5-09	5-13	10-22	10-17	10-09	10-01	9-26
	16	4-12	4-16	4-24	5-01	5-05	11-02	10-29	10-20	10-11	10-07
Aspen	32	5-31	6-06	6-16	6-26	7-01	9-24	9-17	9-06	8-25	8-18
	28	5-09	5-15	5-27	6-08	6-14	10-09	10-04	9-23	9-13	9-07
	24	4-27	5-03	5-14	5-24	5-30	10-21	10-15	10-05	9-25	9-20
	20	4-15	4-24	5-03	5-15	5-21	11-06	10-30	10-18	10-05	9-29
	16	4-05	4-10	4-21	5-01	5-06	11-13	11-06	10-25	10-12	10-05
Boulder	32	4-16	4-22	5-03	5-15	5-21	10-30	10-24	10-12	9-30	9-24
	28	4-01	4-07	4-19	5-01	5-07	11-06	11-01	10-29	10-11	10-05
	24	3-19	3-26	4-09	4-22	4-29	11-22	11-16	11-04	10-24	10-18
	20	3-15	3-21	3-31	5-11	4-16	11-30	11-23	11-10	10-28	10-22
	16	3-10	3-16	3-26	4-06	4-11	12-07	11-30	11-17	11-04	10-28
Buena Vista	32	5-20	5-24	5-31	6-08	6-12	9-29	9-24	9-14	9-04	8-29
	28	5-06	5-10	5-17	5-24	5-28	10-16	10-09	9-26	9-13	9-06
	24	4-19	4-24	5-03	5-12	5-16	10-28	10-21	10-09	9-26	9-20
	20	4-09	4-14	4-24	5-04	5-10	11-06	10-31	10-19	10-08	10-02
	16	3-27	4-01	4-10	4-19	4-24	11-10	11-06	10-29	10-21	10-17

Station	T	Spring					Fall				
		Probability That Last Spring Freeze Will Occur On or <u>After</u> Date					Probability That First Fall Freeze Will Occur On or <u>Before</u> Date				
		90	80	50	20	10	90	80	50	20	10
Burlington	32	4-21	4-26	5-06	5-15	5-20	10-21	10-15	10-03	9-21	9-15
	28	4-09	4-15	4-25	5-06	5-11	11-03	10-29	10-20	10-11	10-07
	24	4-01	4-06	4-15	4-25	4-30	11-16	11-10	10-29	10-18	10-12
	20	3-21	3-28	4-06	4-16	4-21	11-21	11-16	11-06	10-28	10-22
	16	3-18	3-22	3-30	4-06	4-10	11-22	11-18	11-11	11-04	10-31
Canon City	32	4-12	4-19	5-03	5-16	5-24	11-01	10-26	10-14	10-02	9-26
	28	3-30	4-06	4-19	5-03	4-10	11-09	11-04	10-24	10-13	10-08
	24	3-21	3-27	4-08	4-20	4-26	11-23	11-18	11-09	10-30	10-25
	20	3-10	3-17	3-29	4-11	4-17	12-02	11-26	11-14	11-01	10-26
	16	2-18	2-28	3-18	4-06	4-16	12-18	12-09	11-23	11-07	10-29
Cheyenne Wells	32	4-24	4-28	5-06	5-14	5-18	10-19	10-14	10-05	9-25	9-20
	28	4-15	4-19	4-27	5-05	5-10	10-30	10-24	10-14	10-03	9-28
	24	4-02	4-08	4-17	4-27	5-02	11-09	11-04	10-25	10-15	10-10
	20	3-21	3-25	4-04	4-13	4-17	11-18	11-13	11-03	10-24	10-18
	16	3-15	3-20	3-29	4-08	4-13	11-24	11-19	11-09	10-30	10-24
Climax	32	6-19	6-23	7-01	7-09	7-13	9-02	8-26	8-12	7-29	7-22
	28	5-31	6-05	6-15	6-25	6-30	9-29	9-22	9-09	8-27	8-20
	24	5-17	5-24	6-04	6-18	6-24	10-07	9-30	9-17	9-03	8-27
	20	4-06	4-11	4-22	6-01	6-07	10-16	10-11	9-30	9-19	9-14
	16	4-29	5-06	5-18	5-30	6-04	10-26	10-20	10-08	9-26	9-20
Collbran 2 SW	32	5-11	5-15	5-22	5-30	6-03	10-15	10-09	9-27	9-16	9-10
	28	4-18	4-21	5-04	5-15	5-20	11-03	10-27	10-15	10-02	9-26
	24	4-05	4-10	4-19	4-29	5-04	11-13	11-06	10-25	10-12	10-05
	20	3-29	4-03	4-12	4-21	4-26	11-17	11-12	11-01	10-22	10-16
	16	3-16	3-21	3-30	4-08	4-13	11-27	11-21	11-10	10-31	10-25

Station	T	Spring					Fall				
		Probability That Last Spring Freeze Will Occur On or <u>After</u> Date					Probability That First Fall Freeze Will Occur On or <u>Before</u> Date				
		90	80	50	20	10	90	80	50	20	10
Colorado Springs WSO AP	32	4-24	4-29	5-08	5-17	5-22	10-25	10-19	10-07	9-25	9-19
	28	4-17	4-22	5-01	5-10	5-15	11-02	10-27	10-17	10-06	10-01
	24	4-01	4-07	4-18	4-30	5-06	11-09	11-04	10-25	10-15	10-10
	20	3-20	3-25	4-04	4-14	4-19	11-23	11-16	11-03	10-21	10-15
	16	3-14	3-19	3-29	4-09	4-14	11-28	11-22	11-12	11-01	10-27
Cortez	32	5-06	5-11	5-21	5-31	6-05	10-17	10-12	10-01	9-20	9-14
	28	4-18	4-24	5-05	5-16	5-22	11-01	10-27	10-17	10-07	10-02
	24	4-12	4-17	4-25	5-04	5-08	11-07	11-02	10-24	10-14	10-09
	20	3-27	4-02	4-13	4-25	4-01	11-16	11-11	11-02	10-24	10-20
	16	3-10	3-16	3-29	4-11	4-17	12-01	11-26	11-15	11-05	10-30
Craig	32	5-19	5-25	6-05	6-16	6-21	9-28	9-22	9-10	8-30	8-23
	28	5-04	5-08	5-17	5-27	5-31	10-12	10-04	9-21	9-07	8-31
	24	4-12	4-18	4-30	5-13	5-19	10-23	10-16	9-30	9-15	9-07
	20	4-03	4-09	4-21	5-02	5-08	11-05	10-27	10-10	9-22	9-13
	16	3-26	3-31	4-10	4-20	4-26	11-21	11-11	10-22	10-03	9-22
Crested Butte	32	6-16	6-21	6-29	7-07	7-12	9-04	8-29	8-17	8-04	7-29
	28	5-22	4-28	6-07	6-18	6-23	9-19	9-15	9-06	8-28	8-23
	24	5-06	5-11	5-20	5-29	6-02	10-07	10-03	9-24	9-15	9-10
	20	4-23	4-27	5-06	5-14	5-18	10-19	10-14	10-04	9-24	9-18
	16	5-15	4-20	4-28	5-07	5-12	11-04	10-30	10-19	10-09	10-03
Delta	32	4-25	4-30	5-10	5-20	5-26	10-16	10-10	10-01	9-21	9-16
	28	4-16	4-21	4-30	5-08	5-13	10-27	10-23	10-14	10-06	10-02
	24	4-06	4-11	4-19	4-28	5-03	11-08	11-03	10-24	10-14	10-08
	20	3-24	3-29	4-09	4-19	4-24	11-14	11-09	11-01	10-23	10-19
	16	2-28	3-07	3-21	4-03	4-10	12-01	11-25	11-14	11-03	10-28

Station	T	Spring					Fall				
		Probability That Last Spring Freeze Will Occur On or After Date					Probability That First Fall Freeze Will Occur On or Before Date				
		90	80	50	20	10	90	80	50	20	10
Denver WSFO AP	32	4-21	4-26	5-06	5-16	5-21	10-26	10-20	10-08	9-27	9-21
	28	4-14	4-18	4-27	5-05	5-09	11-03	10-30	10-23	10-15	10-11
	24	3-25	3-31	4-13	4-25	5-02	11-12	11-07	10-28	10-18	10-13
	20	3-15	3-20	3-30	4-09	4-15	11-19	11-14	11-04	10-26	10-20
	16	3-12	3-17	3-28	4-08	4-14	12-06	11-29	11-17	11-05	10-29
Denver City	32	4-20	4-25	5-04	5-13	5-17	11-04	10-27	10-13	9-28	9-20
	28	3-29	4-04	4-16	4-29	5-05	11-16	11-09	10-27	10-14	10-08
	24	3-18	3-24	4-08	4-21	4-29	11-26	11-19	11-07	10-24	10-19
	20	3-11	3-17	3-28	4-08	4-14	12-04	11-28	11-16	11-04	10-29
	16	3-07	3-13	3-24	4-04	4-10	12-13	12-04	11-21	11-07	10-30
Dillon 1 E	32	6-25	6-29	7-08	7-17	7-22	8-29	8-21	8-04	7-21	7-12
	28	6-09	6-15	6-25	7-06	7-12	9-14	9-07	8-24	8-10	8-02
	24	5-20	6-25	6-05	6-16	6-22	9-25	9-18	9-05	8-22	8-15
	20	5-03	5-09	5-20	5-31	6-06	10-11	10-05	9-24	9-12	9-06
	16	4-22	4-28	5-09	5-20	5-26	10-24	10-17	10-04	9-21	9-15
Durango	32	5-30	6-03	6-11	6-18	6-22	9-29	9-25	9-18	9-10	9-06
	28	5-07	5-11	5-19	5-27	5-31	10-15	10-11	10-02	9-23	9-18
	24	4-16	4-22	5-03	5-14	5-20	10-29	10-24	10-15	10-05	9-30
	20	4-02	4-07	4-18	4-28	5-03	11-12	11-06	10-26	10-15	10-09
	16	3-18	3-24	4-05	4-16	4-22	11-23	11-17	11-07	10-28	10-22
Eads	32	4-21	4-25	5-02	5-09	5-13	10-23	10-17	10-07	9-26	9-21
	28	4-10	4-14	4-13	5-01	5-06	11-03	10-29	10-21	10-12	10-08
	24	3-26	4-02	4-15	4-28	5-05	11-09	11-04	10-25	10-15	10-10
	20	3-24	3-29	4-07	4-17	4-21	11-17	11-12	11-03	10-24	10-20
	16	3-09	3-14	3-24	4-02	4-07	11-25	11-20	11-11	11-02	10-28

		Spring					Fall				
		Probability That Last Spring Freeze Will Occur On or <u>After</u> Date					Probability That First Fall Freeze Will Occur On or <u>Before</u> Date				
Station	T	90	80	50	20	10	90	80	50	20	10
Eagle FAA AP	32	6-04	6-09	6-19	6-29	7-04	9-17	9-13	9-04	8-26	8-22
	28	5-14	5-18	5-26	6-03	6-07	9-29	9-24	9-15	9-05	9-01
	24	4-27	5-03	4-14	5-26	6-01	10-09	10-05	9-27	9-19	9-15
	20	4-13	4-18	4-30	5-11	5-16	10-24	10-18	10-08	9-27	9-21
	16	3-30	4-05	5-17	5-29	5-05	11-03	10-30	10-22	10-14	10-09
Estes Park	32	5-20	5-25	6-03	6-13	6-18	9-20	9-15	9-07	8-30	8-26
	28	5-07	5-12	5-20	5-28	6-01	10-03	9-28	9-19	9-10	9-06
	24	4-24	4-29	5-07	5-15	5-19	10-15	10-10	10-02	9-23	9-18
	20	4-15	4-19	4-28	5-06	5-10	10-29	10-23	10-11	9-29	9-22
	16	3-31	4-06	4-17	4-27	5-03	11-10	11-04	10-25	10-14	10-09
Fort Collins	32	4-27	5-01	5-09	5-17	5-21	10-14	10-09	9-30	9-21	9-17
	28	4-16	4-20	4-28	5-05	5-09	10-22	10-17	10-08	9-29	9-24
	24	3-31	4-04	4-13	4-22	4-27	11-04	10-30	10-20	10-11	10-06
	20	3-19	3-24	5-03	4-14	4-19	11-14	11-11	11-03	10-24	10-21
	16	3-16	3-21	3-31	4-10	4-15	11-23	11-18	11-09	10-31	10-26
Fort Lupton	32	5-01	5-06	5-15	5-24	5-29	10-11	10-07	9-29	9-21	9-16
	28	4-17	4-21	4-30	5-08	5-12	10-25	10-20	10-10	9-30	9-24
	24	4-01	4-07	4-16	4-26	5-01	11-10	11-04	10-23	10-12	10-06
	20	3-18	3-24	4-04	4-16	4-22	11-14	11-10	11-01	10-22	10-18
	16	3-16	3-21	3-30	4-08	4-13	11-20	11-16	11-07	10-30	10-25
Fort Morgan	32	4-26	4-29	5-06	5-12	5-16	10-18	10-13	10-03	9-23	9-17
	28	4-12	4-17	4-26	5-06	5-10	10-30	10-25	10-14	10-05	9-30
	24	3-26	3-31	4-10	4-20	4-25	11-10	11-05	11-26	10-16	10-11
	20	3-18	3-24	4-03	4-13	4-18	11-15	11-10	11-01	10-22	10-17
	16	3-14	3-18	3-28	4-06	4-10	11-27	11-21	11-10	10-30	10-25

Station	T	Spring					Fall				
		Probability That Last Spring Freeze Will Occur On or <u>After</u> Date					Probability That First Fall Freeze Will Occur On or <u>Before</u> Date				
		90	80	50	20	10	90	80	50	20	10
Fraser	32	7-11	7-13	7-17	7-22	7-24	7-27	7-25	7-23	7-21	7-20
	28	6-28	7-02	7-10	7-17	7-21	8-17	8-12	8-03	7-25	7-20
	24	6-04	6-09	6-19	6-28	7-18	9-05	8-30	8-19	8-08	8-03
	20	5-15	5-21	6-02	6-13	6-19	9-16	9-11	9-02	8-24	8-19
	16	4-23	4-29	5-10	5-21	5-27	9-30	9-24	9-14	9-03	8-28
Fruita	32	4-25	5-01	5-11	5-21	5-26	10-14	10-09	10-01	9-22	9-17
	28	4-13	4-18	4-29	5-10	5-16	10-27	10-22	10-13	10-03	9-28
	24	4-03	4-08	4-17	4-27	5-02	11-06	11-02	10-24	10-15	10-11
	20	3-25	3-29	4-05	4-13	4-16	11-19	11-14	11-04	10-25	10-20
	16	2-27	3-06	3-21	4-05	4-12	11-30	11-25	11-14	11-04	10-30
Glenwood Springs 1 N	32	4-27	5-05	5-18	6-01	6-08	10-14	10-08	9-26	9-14	9-08
	28	4-15	4-21	5-04	5-16	5-22	10-29	10-22	10-09	9-25	9-20
	24	4-02	4-08	4-20	5-02	5-08	11-06	10-31	10-20	10-09	10-04
	20	3-18	3-24	5-05	4-16	4-22	11-17	11-11	10-31	10-19	10-13
	16	3-08	3-12	3-21	3-30	4-03	12-02	11-26	11-15	11-03	10-28
Grand Junction	32	4-10	4-15	4-24	5-03	5-08	11-09	11-03	10-24	10-13	10-07
	28	3-27	4-01	4-12	4-22	4-27	11-17	11-13	11-04	10-26	10-22
	24	3-13	3-18	3-27	4-06	4-11	11-23	11-19	11-11	11-03	10-30
	20	2-22	3-01	3-14	3-27	4-03	12-06	12-01	11-19	11-08	11-02
Greely UNC	32	4-26	5-01	5-11	5-20	5-25	10-12	10-08	9-29	9-20	9-15
	28	4-11	4-16	4-26	5-06	5-11	10-28	10-23	10-12	10-02	9-26
	24	3-26	4-01	4-13	4-25	5-01	11-07	11-03	10-26	10-18	10-14
	20	3-20	3-25	4-03	4-13	4-18	11-12	11-08	10-31	10-23	10-19
	16	3-16	3-21	3-31	4-10	4-15	11-22	11-18	11-10	11-02	10-29

Station	T	Spring					Fall				
		Last Spring Freeze On or	Probability That Freeze Will Occur				First Fall Freeze On or	Probability That Freeze Will Occur			
			After	Date				Before	Date		
		90	80	50	20	10	90	80	50	20	10
Gunnison	32	6-16	6-20	5-27	7-04	7-08	9-11	9-04	8-22	8-09	8-02
	28	5-28	6-02	6-12	6-22	6-27	9-21	9-16	9-06	8-27	8-22
	24	5-09	5-15	5-26	6-07	6-13	10-01	9-27	9-19	9-10	9-06
	20	4-29	5-04	5-13	5-23	5-27	10-13	10-09	9-30	9-21	9-16
	16	4-17	4-21	4-30	5-08	5-13	10-26	10-21	10-11	10-02	9-27
	Julesburg	32	4-22	4-27	5-05	5-13	5-18	10-17	10-12	10-03	9-24
28		4-12	4-16	4-25	5-03	5-07	10-26	10-22	10-13	10-05	10-01
24		3-31	4-05	4-16	4-26	5-02	11-09	11-03	10-23	10-11	10-05
20		3-25	3-30	4-09	4-19	4-24	11-18	11-13	11-02	10-23	10-18
16		3-12	3-18	3-30	4-11	4-17	11-28	11-22	11-10	10-30	10-24
Kremmling		32	6-25	6-28	7-05	7-12	7-15	9-10	9-04	8-24	8-13
	28	6-03	6-08	6-18	6-27	7-03	9-16	9-12	9-04	8-27	8-23
	24	5-23	5-29	6-09	6-20	6-26	9-21	9-16	9-07	8-28	8-23
	20	4-30	5-05	5-16	5-27	6-01	10-12	10-06	9-25	9-13	9-07
	16	4-14	4-18	4-28	5-07	5-12	10-18	10-13	10-04	9-26	9-21
	Lamar	32	4-20	4-24	4-30	5-07	5-10	10-23	10-19	10-11	10-03
28		4-02	4-08	4-18	4-28	5-04	10-31	10-28	10-20	10-13	10-09
24		3-26	3-30	4-08	4-16	4-21	11-12	11-07	10-29	10-20	10-15
20		3-17	3-21	3-30	4-07	4-12	11-19	11-15	11-07	10-29	10-25
16		3-05	3-10	3-19	3-29	4-03	12-03	11-28	11-18	11-09	11-04
Las Animas		32	4-21	4-24	4-30	5-06	5-09	10-25	10-20	10-11	10-01
	28	4-09	4-13	4-20	4-27	5-01	10-30	10-25	10-17	10-08	10-04
	24	4-01	4-05	4-13	4-20	4-25	11-05	11-01	10-25	10-08	10-14
	20	3-15	3-20	4-01	4-12	4-18	11-16	11-12	11-03	10-25	10-21
	16	3-06	3-11	3-20	3-29	4-03	11-25	11-20	11-11	11-01	10-27

Station	T	Spring					Fall				
		Probability That Last Spring Freeze Will Occur On or <u>After</u> Date					Probability That First Fall Freeze Will Occur On or <u>Before</u> Date				
		90	80	50	20	10	90	80	50	20	10
Limon WSMO	32	5-02	5-06	5-14	5-22	5-26	10-18	10-12	9-30	9-18	9-11
	28	4-26	4-29	5-06	5-13	5-17	10-23	10-18	10-09	10-01	9-26
	24	4-10	4-15	4-24	5-03	5-08	11-04	10-31	10-20	10-10	10-04
	20	4-02	4-07	4-15	4-23	4-27	11-17	11-11	10-31	10-20	10-14
	16	3-17	3-22	4-01	4-10	4-15	11-21	11-16	11-06	10-27	10-22
Longmont 6 NW	32	4-23	4-28	5-08	5-18	5-24	10-16	10-11	10-02	9-23	9-18
	28	4-18	4-22	4-28	5-04	5-07	10-25	10-20	10-11	10-01	9-27
	24	4-01	4-05	4-14	4-23	4-27	11-05	11-01	10-24	10-15	10-11
	20	3-23	3-28	4-07	4-16	4-21	11-14	11-10	11-02	10-25	10-21
	16	3-16	3-21	3-30	4-08	4-13	11-23	11-18	11-08	10-30	10-25
Meeker 2	32	5-20	5-26	6-07	6-18	6-24	9-20	9-16	9-08	8-31	8-27
	28	5-01	5-08	5-21	6-04	6-11	10-09	10-03	9-23	9-13	9-07
	24	4-16	4-22	5-03	5-14	5-20	10-18	10-13	10-02	9-22	9-16
	20	4-04	4-10	4-21	5-02	5-08	11-09	11-02	10-20	10-07	9-30
	16	3-28	4-02	4-12	4-23	4-28	11-16	11-11	11-02	10-24	10-19
Monte Vista	32	5-19	5-26	6-08	6-20	6-27	9-22	9-17	9-08	8-29	8-24
	28	5-08	5-15	5-26	6-07	6-13	10-05	9-29	9-18	9-07	9-01
	24	4-29	5-04	5-13	5-23	5-28	10-16	10-11	10-02	9-23	9-18
	20	4-20	4-25	5-03	5-11	5-16	10-30	10-25	10-15	10-05	9-30
	16	4-03	4-08	4-19	4-30	5-06	11-08	11-07	10-23	10-13	10-08
Montrose 2	32	4-25	4-30	5-10	5-20	5-26	10-23	10-18	10-07	9-25	9-20
	28	4-11	4-17	4-26	5-06	5-11	11-01	10-26	10-16	10-05	9-30
	24	3-31	4-06	4-16	4-27	5-02	11-14	11-09	10-31	10-22	10-17
	20	3-14	3-19	3-31	4-11	4-16	11-26	11-20	11-09	10-29	10-23
	16	3-09	3-13	3-21	3-29	4-02	12-07	12-01	11-19	11-07	11-01

Station	T	Spring					Fall				
		Probability That Last Spring Freeze Will Occur On or <u>After</u> Date					Probability That First Fall Freeze Will Occur On or <u>Before</u> Date				
		90	80	50	20	10	90	80	40	20	10
Pagosa Springs	32	6-12	6-16	6-23	6-30	7-04	9-23	9-18	9-06	8-26	8-20
	28	5-26	5-31	6-09	6-19	6-23	10-05	9-29	9-17	9-04	8-29
	24	5-03	5-10	5-22	6-03	6-09	10-17	10-12	10-01	9-20	9-15
	20	4-21	4-25	5-04	5-12	5-17	11-01	10-26	10-14	10-02	9-26
	16	4-11	4-16	4-26	5-06	5-11	11-12	11-07	10-29	10-19	10-14
Paonia 1 SW	32	4-28	5-01	5-08	5-14	5-17	10-22	10-16	10-06	9-25	9-20
	28	4-22	4-25	5-02	5-09	5-13	10-30	10-25	10-16	10-06	10-02
	24	4-07	4-11	4-20	4-29	5-04	11-13	11-08	10-28	10-18	10-12
	20	3-16	3-21	3-29	4-07	4-12	11-17	11-12	11-03	10-25	10-21
	16	2-26	3-04	3-14	3-25	3-30	12-07	12-01	11-19	11-07	10-31
Paradox 1 E	32	5-01	5-06	5-17	5-27	6-01	10-13	10-07	9-27	9-16	9-10
	28	4-20	4-26	5-07	5-28	5-24	10-26	10-20	10-09	9-27	9-21
	24	4-09	4-14	4-24	5-05	5-10	11-05	10-31	10-20	10-10	10-04
	20	3-26	4-01	4-13	4-24	4-30	11-14	11-09	10-30	10-21	10-15
	16	3-02	3-10	3-24	4-08	4-15	11-25	11-20	11-09	10-30	10-24
Parker 6 E	32	5-05	5-12	5-24	6-05	6-11	10-09	10-03	9-21	9-09	9-03
	28	4-27	5-02	5-12	5-22	5-27	10-16	10-11	10-01	9-22	9-16
	24	4-12	4-18	4-29	5-10	5-16	10-26	10-21	10-13	10-04	9-30
	20	4-08	4-13	4-23	5-03	5-08	11-05	10-31	10-21	10-12	10-07
	16	3-22	3-28	4-08	4-20	4-26	11-16	11-11	10-31	10-21	10-16
Pueblo WSO AP	32	4-13	4-18	4-27	5-07	5-12	10-28	10-23	10-13	10-03	9-27
	28	4-06	4-10	4-17	4-25	4-29	11-03	10-30	10-22	10-14	10-10
	24	3-20	3-25	4-03	4-12	4-17	11-14	11-09	10-30	10-20	10-15
	20	3-12	3-17	3-28	4-07	4-12	11-24	11-18	11-06	10-26	10-20
	16	3-05	3-10	3-20	3-31	4-05	12-04	11-29	11-20	11-11	11-07

Station	T	Spring					Fall				
		90	80	Probability That Last Spring Freeze Will Occur			90	80	Probability That First Fall Freeze Will Occur		
				On or After	Date				On or Before	Date	
				90	80	50	20	10			
Rangely	32	5-01	5-08	5-20	6-01	6-07	10-07	9-30	9-17	9-04	8-28
	28	4-17	4-22	5-03	5-14	5-20	10-14	10-09	9-30	9-21	9-17
	24	4-02	4-08	4-19	5-01	5-07	10-27	10-23	10-13	10-04	9-29
	20	3-23	3-29	4-10	4-22	4-28	11-06	11-01	10-23	10-13	10-08
	16	3-14	3-21	4-01	4-13	4-19	11-21	11-15	11-03	10-21	10-15
Rifle	32	5-06	5-13	5-27	6-09	6-16	10-05	9-29	9-18	9-06	8-31
	28	4-24	4-29	5-10	5-20	5-26	10-15	10-09	9-29	9-19	9-13
	24	4-13	4-19	4-29	5-10	5-15	10-27	10-23	10-13	10-04	9-29
	20	3-24	3-31	4-11	4-23	4-29	11-08	11-03	10-25	10-15	10-11
	16	3-12	3-18	3-29	4-10	4-16	11-18	11-13	11-04	10-26	10-21
Rocky Ford	32	4-22	4-26	5-04	5-12	5-16	10-22	10-17	10-08	9-28	9-23
	28	4-09	4-14	4-22	5-01	5-05	10-28	10-24	10-15	10-07	10-02
	24	3-31	4-04	4-12	4-20	4-24	11-02	10-30	10-23	10-16	10-12
	20	3-21	3-26	4-02	4-10	4-14	11-19	11-13	11-02	10-22	10-16
	16	3-09	3-15	3-25	4-05	4-10	11-28	11-23	11-13	11-03	10-28
Ruxton Park	32	6-12	6-16	6-23	7-01	7-05	9-16	9-08	8-25	8-10	8-02
	28	5-23	5-29	6-08	6-19	6-24	9-29	9-23	9-13	9-02	8-28
	24	4-30	5-07	5-20	6-02	6-09	10-24	10-16	9-30	9-15	9-07
	20	4-30	5-05	5-15	5-25	5-30	10-26	10-19	10-06	9-22	9-15
	16	4-25	4-30	5-08	5-15	5-20	10-29	10-23	10-11	9-29	9-23
Saguache	32	5-20	5-25	6-05	6-15	6-20	10-03	9-29	9-19	9-10	9-05
	28	5-05	5-09	5-18	5-26	5-31	10-16	10-11	9-30	9-20	9-14
	24	4-20	4-25	5-04	5-13	5-17	10-26	10-22	10-13	10-05	9-30
	20	4-10	4-15	4-24	5-03	5-07	11-06	10-31	10-21	10-11	10-05
	16	4-02	4-07	4-16	4-25	4-30	11-14	11-10	11-01	10-24	10-20

Spring

Fall

Station	T	Probability That Last Spring Freeze Will Occur On or <u>After</u> Date					Probability That First Fall Freeze Will Occur On or <u>Before</u> Date				
		90	80	50	20	10	90	80	50	20	10
Silverton	32	6-27	7-01	7-08	7-15	7-18	9-04	8-28	8-15	8-02	7-26
	28	6-08	6-12	6-21	6-30	7-05	9-17	9-11	9-01	8-22	8-17
	24	5-12	4-18	4-29	6-10	6-15	10-12	10-06	9-25	9-14	9-08
	20	4-28	5-03	5-14	5-25	5-31	10-18	10-14	10-05	9-26	9-22
	16	4-14	4-20	5-01	5-12	5-18	10-31	10-27	10-18	10-10	10-05
Spicer	32	6-20	6-24	7-01	7-08	7-12	9-05	8-30	8-18	8-05	7-30
	28	5-23	5-30	6-11	6-22	6-29	9-23	9-17	9-05	8-24	8-17
	24	5-07	5-15	5-30	6-14	6-22	10-10	10-02	9-17	9-02	8-25
	20	4-23	4-30	5-14	5-28	6-04	10-17	10-10	9-26	9-12	9-05
	16	4-14	4-19	4-28	5-07	5-12	10-30	10-23	10-09	9-25	9-18
Steamboat Springs	32	6-22	6-25	7-02	7-08	7-12	8-31	8-25	8-14	8-03	7-28
	28	5-23	5-30	6-11	6-23	6-29	9-19	9-14	9-05	8-27	8-22
	24	5-02	5-07	5-18	5-28	6-02	10-06	9-30	9-19	9-08	9-02
	20	4-17	4-22	5-03	5-14	5-20	10-14	10-10	10-01	9-21	9-17
	16	4-03	4-08	4-16	4-25	4-29	10-29	10-23	10-11	9-29	9-23
Sterling	32	4-27	5-01	5-11	5-20	5-24	10-12	10-07	9-27	9-17	9-12
	28	4-15	4-19	4-27	5-05	5-09	10-27	10-21	10-10	9-29	9-23
	24	4-01	4-06	4-16	4-26	5-01	11-05	10-31	10-21	10-12	10-06
	20	3-25	3-29	4-07	4-16	4-21	11-14	11-09	10-30	10-20	10-15
	16	3-15	3-20	3-30	4-09	4-15	11-23	11-17	11-07	10-27	10-22
Telluride	32	6-17	6-21	6-29	7-07	7-11	9-16	9-10	8-28	8-15	8-08
	28	5-31	6-05	6-15	6-25	6-30	10-01	9-23	9-09	8-26	8-18
	24	4-30	5-06	5-20	6-02	6-09	10-15	10-09	9-26	9-14	9-07
	20	4-24	4-29	5-10	5-21	5-26	10-26	10-21	10-11	10-01	9-26
	16	4-10	4-15	4-25	5-04	5-09	11-05	10-31	10-21	10-10	10-05

Station	T	Spring					Fall				
		Probability That Last Spring Freeze Will Occur On or <u>After</u> Date					Probability That First Fall Freeze Will Occur On or <u>Before</u> Date				
		90	80	50	20	10	90	80	50	20	10
Trinidad	32	4-30	5-05	5-13	5-21	5-25	10-25	10-19	10-09	9-28	9-22
	28	4-16	4-21	4-30	5-08	5-13	11-06	10-31	10-20	10-10	10-04
	24	4-06	4-10	4-18	4-26	5-01	11-13	11-08	10-28	10-18	10-13
	20	3-19	3-24	4-02	4-11	4-16	11-29	11-22	11-10	10-28	10-21
	16	3-12	3-18	3-29	4-09	4-14	12-05	11-28	11-16	11-03	10-28
Two Buttes	32	4-21	4-24	4-30	5-07	5-10	10-29	10-23	10-13	10-02	9-26
	28	4-05	4-11	4-20	5-01	5-06	11-06	11-02	10-25	10-18	10-14
	24	3-24	3-29	4-07	4-16	4-21	11-15	11-11	11-02	10-25	10-20
	20	3-14	3-19	3-30	4-09	4-15	11-24	11-19	11-08	10-29	10-24
	16	2-27	3-06	3-19	4-01	4-08	12-05	11-30	11-19	11-08	11-02
Walden	32	6-20	6-25	7-05	7-16	7-21	8-23	8-18	8-08	7-29	7-24
	28	5-28	6-04	6-16	6-29	7-05	9-08	9-03	8-23	8-12	8-06
	24	5-13	5-19	5-30	6-10	6-15	9-19	9-15	9-07	8-30	8-26
	20	5-05	5-08	5-14	5-21	5-24	9-27	9-22	9-12	9-02	8-28
	16	4-21	4-26	5-05	5-13	5-18	10-10	10-05	9-27	9-18	9-14
Walsenburg	32	4-29	5-03	5-10	5-16	5-20	10-24	10-17	10-04	9-21	9-14
	28	4-17	4-21	4-28	5-06	5-10	11-03	10-28	10-18	10-07	10-01
	24	4-06	4-10	4-17	4-25	4-29	11-12	11-07	10-28	10-18	10-13
	20	3-25	3-31	4-10	4-20	4-26	11-20	11-14	11-02	10-21	10-15
	16	3-17	3-23	4-04	4-15	4-21	12-01	11-25	11-13	11-01	10-25
Waterdale	32	5-06	5-10	5-17	5-24	5-28	10-13	10-08	9-27	9-16	9-10
	28	4-21	4-25	5-03	5-11	5-15	10-20	10-15	10-06	9-27	9-22
	24	4-05	4-10	4-20	5-01	5-06	10-31	10-27	10-19	10-10	10-06
	20	3-22	3-28	4-06	4-16	4-21	11-14	11-09	10-29	10-18	10-12
	16	3-18	3-24	4-02	4-12	4-17	11-23	11-18	11-09	10-31	10-26

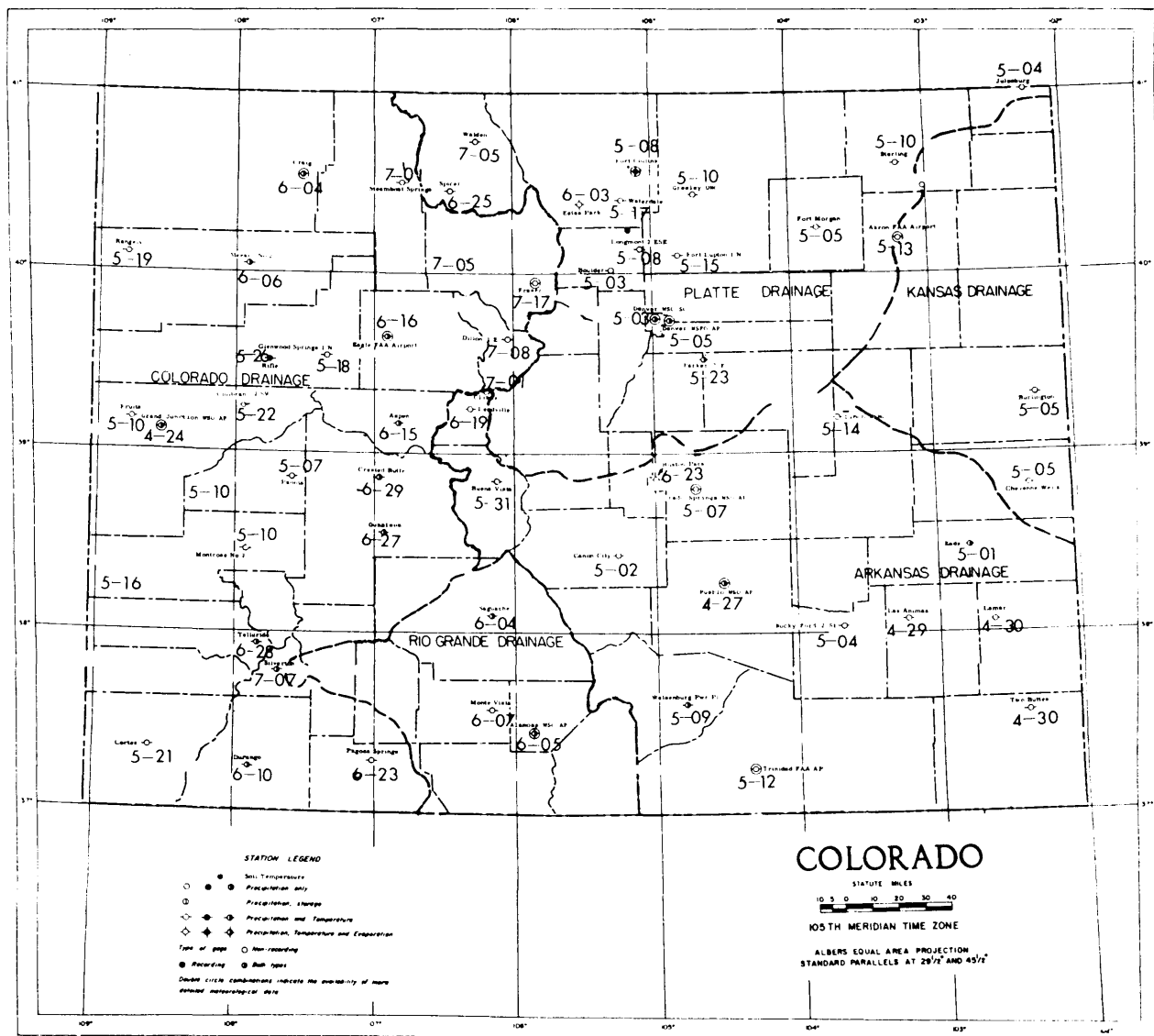


Figure 1. Average date of last 32°F freeze in the Spring.

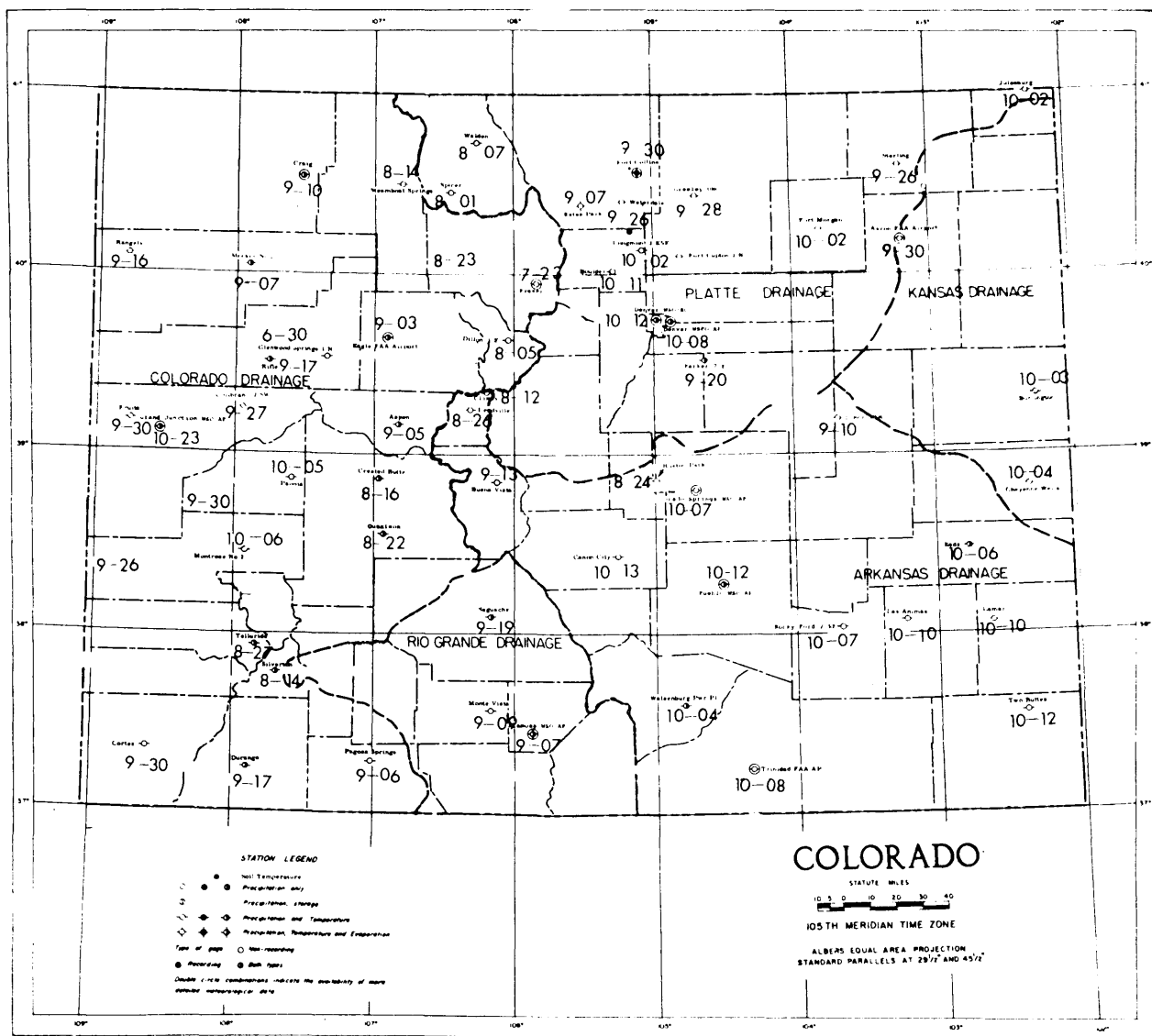


Figure 2. Average date of first 32°F freeze in the Fall.

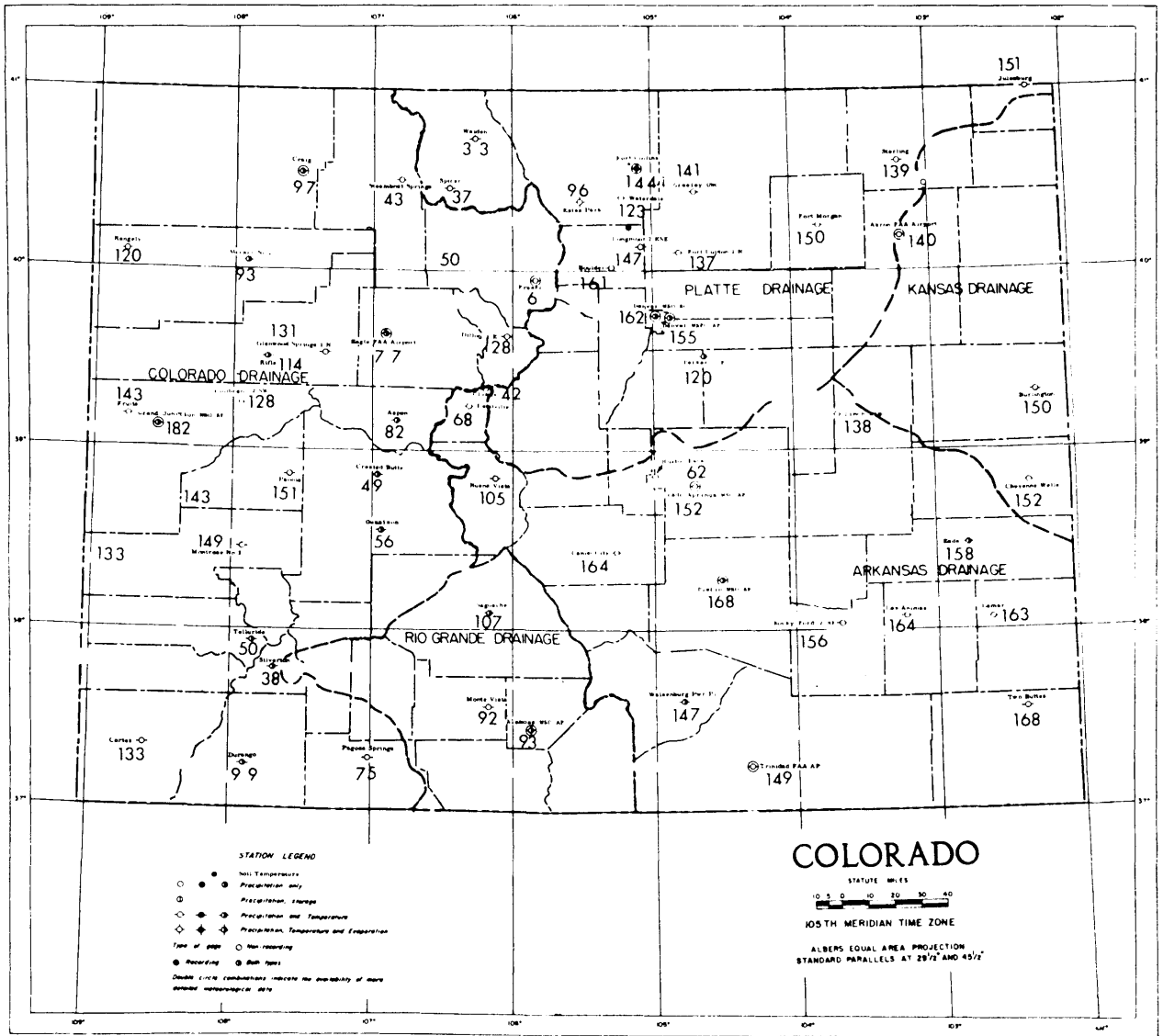


Figure 3. Number of days between average dates of last 32°F freeze in Spring and first 32°F freeze in Fall (Growing Season).

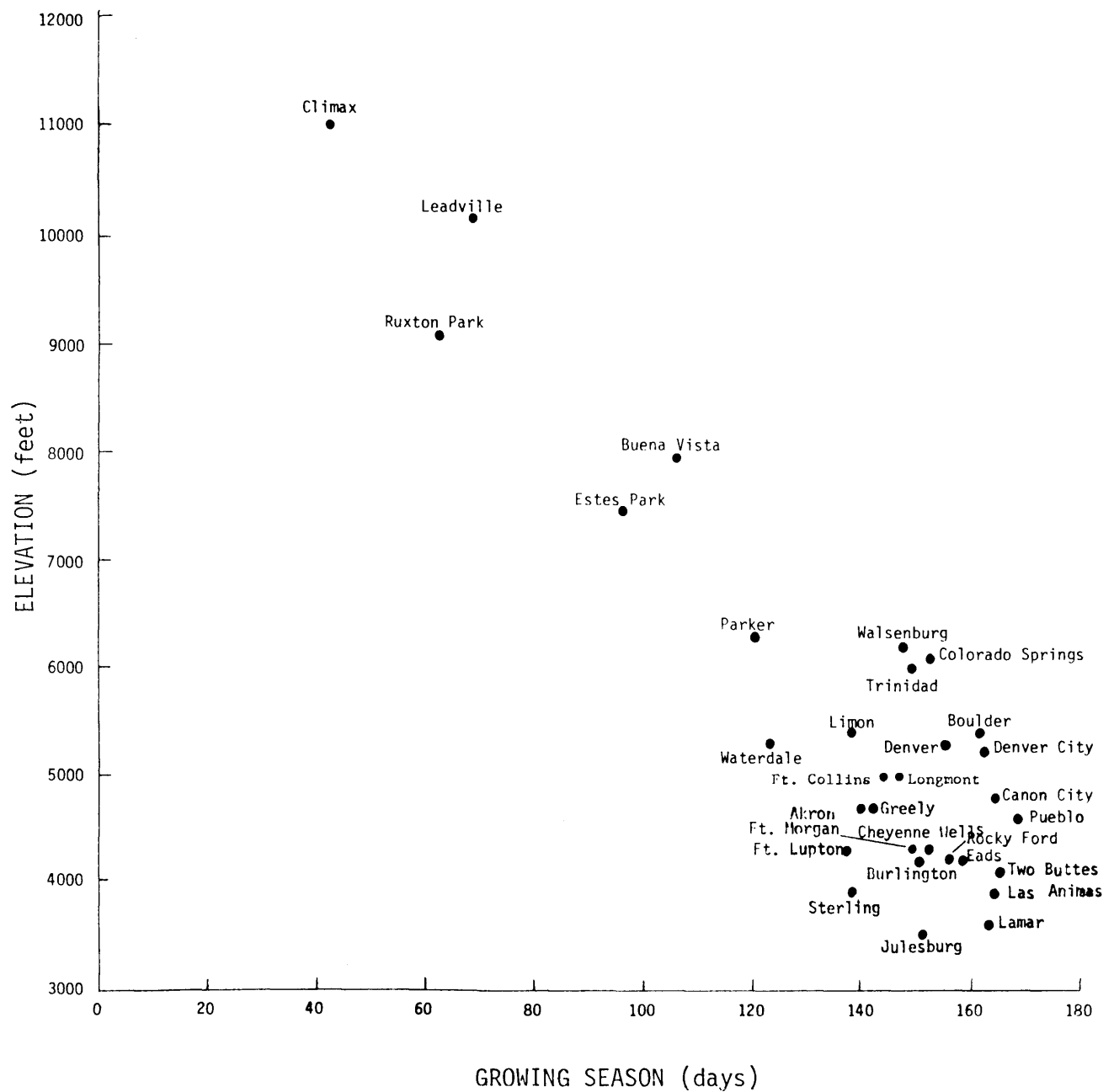


Figure 4. Average length of growing season as a function of elevation for eastern slope stations.

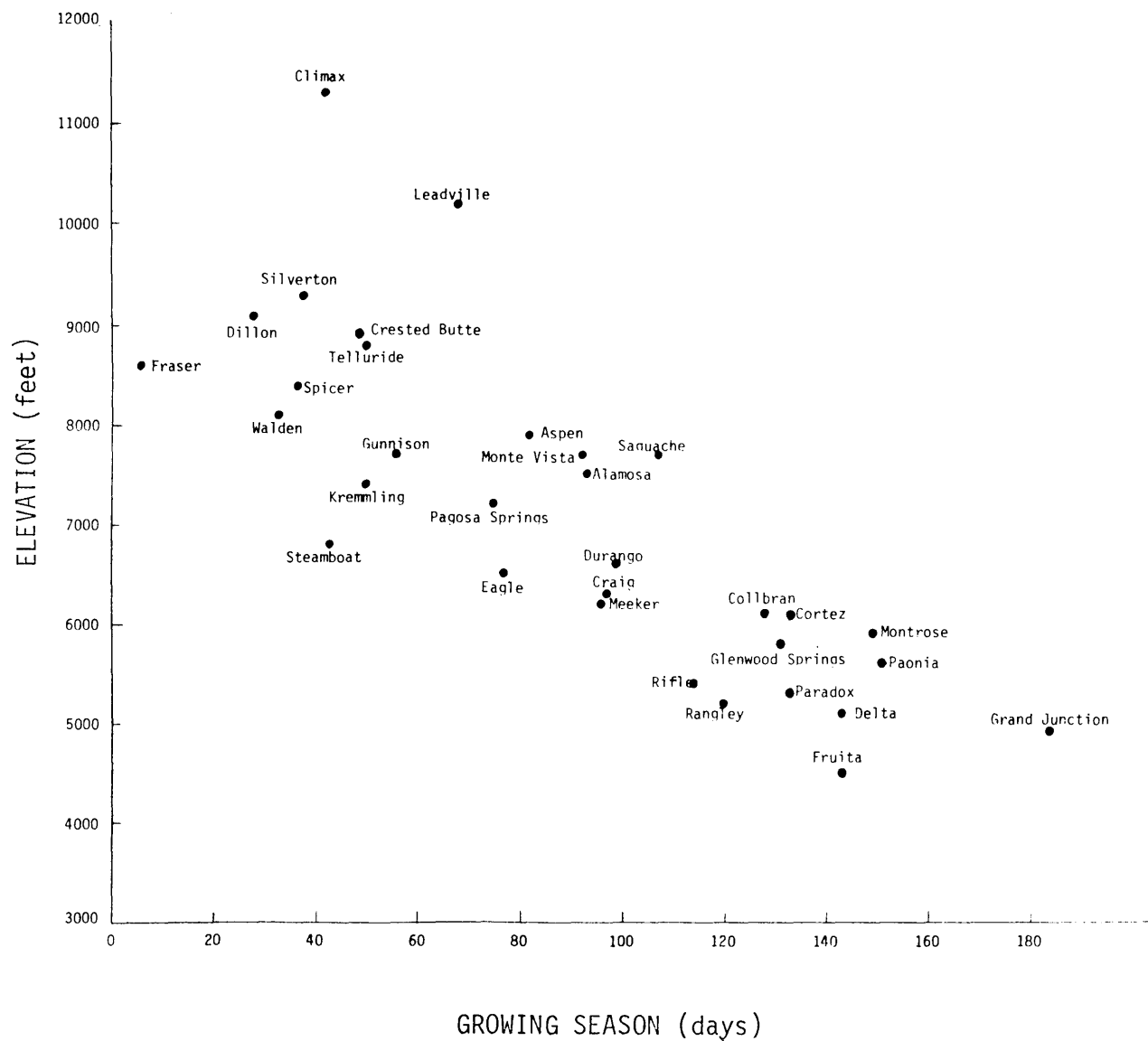


Figure 5. Average length of growing season as a function of elevation for western slope stations.