

The Agricultural Experiment Station  
OF THE  
Colorado Agricultural College

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COLORADO CLIMATOLOGY

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*By* ROBERT E. TRIMBLE

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# The Agricultural Experiment Station

FORT COLLINS, COLORADO

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The Agricultural College has shown an active interest in meteorology from its very inception, and has maintained records since the opening of the institution. The work in this line was begun by Hon. F. J. Annis, then Professor of Chemistry, and kept up by him until he resigned his work as a professor at the College. The observations were then continued under Professor C. F. Davis and later by Professor A. E. Blount. These records are not all complete, but much credit is due these professors, pressed as they were with so many other duties, for having begun and carried on the observations under such difficulties. The rainfall records for the years 1873-74 were furnished by Mr. R. Q. Tenney, who, even at that early date, took an active interest in our climate.

In 1886 the work was put in the able hands of Dr. Elwood Mead, then a Professor in the College, and since January, 1887, the records are fairly complete. Upon the resignation of Dr. Mead in 1888, the observations were carried on by Professor V. E. Stolbrand until September 1st of that year, when Professor L. G. Carpenter was put in charge. Upon the organization of the Experiment Station, this work was transferred to it, and made a regular part of the investigations of the Section of Meteorology and Irrigation Engineering. Professor Carpenter remained in charge until January 1st, 1911, and to his long continued plan and steadfastness of purpose must be given a great deal of credit for the value of this work. I wish also to express my thanks for the interest and co-operation of the Director of the Experiment Station, Professor C. P. Gillette, and of Mr. V. M. Cone, who had charge of the Section from April 1st to July 1st, 1911, at which time the work of the Section was merged into a co-operative agreement with the Division of Irrigation Investigations of the U. S. Department of Agriculture, with the entire work under the charge and direction of Mr. Cone. The writer has served as an assistant in this Section since April 1st, 1891, and upon him has devolved the taking of the observations and the computations of this and the substations.

In the following pages free use has been made of the previous publications of this Station in this line, also the publications of the Weather Bureau, which has been for several years under the charge of Mr. F. H. Brandenburg, and especially of the article on the Climate of Colorado, by Professor A. J. Henry, in Bulletin "C," of the U. S. Weather Bureau.

Nearly all the variations of a continental climate are to be found within the borders of the State of Colorado. The natural diversities which result from its location in latitude and the many

variations caused by the difference in topography, the effect of the Rocky Mountains extending through the State, are well defined in many cases and cause many complex effects. Many important local features are not apparent in the averages of the principal atmospheric conditions which make up what is known as "climate." Two-fifths of the State is highly mountainous, and the rest of it plains and high mesas. About 40% of the area is above 7,000 feet in elevation. That portion of the State lying east of the mountains, or the plains region, is crossed by a ridge which forms the watershed between the South Platte and the Arkansas rivers. The lowest point in the State is where the Arkansas river leaves the State a few miles below Holly, at an altitude of 3,370 feet, while Julesburg, 3,460 feet, on the South Platte, is the lowest point in the northeastern portion of the State.

A prominent feature of the mountain region is the number of large upland parks. North, Middle and South Park, and the San Luis Valley in the southern part, a remarkably flat, immense basin, which at one time was evidently a lake or sea bed, are all 7,000 to 10,000 feet in elevation. The average height of timber line is about 11,500 feet, varying from 10,000 to 12,000 feet.

The mean temperature of the State as a whole, is 45 degrees, and the average precipitation 15.60 inches. Our position south of the track of the majority of the storms as they cross from north of Montana to the Great Lakes and beyond, and being in the interior of the continent remote from the ocean, with our differences in altitude and diversified topography, are features which greatly modify the climate at different points. The usual track of storms being some distance northward, the State is generally dominated by the warm and dry quadrants of the low areas that move eastward with great regularity, and escapes in part the attendant precipitation of moisture, the high wind movement and the sharp fluctuations of temperature. Considering the great distance from the Pacific and the high mountain ranges which the westerly winds must cross, it is not surprising that the low humidity is attended by a great range of temperature.

Normal pressure distribution, with the result on the resulting direction of the winds, cause an important effect on our climate. During the winter the high pressure of the Salt Lake region remaining fairly constant, the effect this has on any locality depends upon its location, whether east or west of the mountains. To the west is found persistent cold for the latitude and altitude, especially in some of the higher valleys. The clear skies and still atmosphere cause radiation to proceed rapidly, and the topography causes a steady flow of cold air from the higher points into the valleys. On the eastern slope at such times the resulting winds are westerly,

coming over the mountains, the air being warmed by compression during the descent to the foothills and plains, the mean temperature is raised considerably, and the capacity of the air for moisture is increased, so that there prevails in the eastern half of the State a long succession of relatively dry, warm and bright sunshiny days. During the summer months a low pressure is prevalent over the Salt Lake region, causing little precipitation, but this area of low pressure causes easterly winds east of the mountains and the air which is drawn up the slopes of the mountains becomes chilled by the elevation and causes precipitation during the warmer half of the year. Though distant, the influence of the Gulf of Mexico is felt to a varying extent. During the summer months when there is a general stagnation in the movement of the northern low pressure areas, sufficient time is afforded for moisture to be brought to the eastern slope, which causes increased precipitation east of the mountains during the warmer half of the year. The difference in the temperature of the two slopes is quite marked in the winter months when cold waves from north of Montana sweep southward along the eastern slope of the Rocky Mountains, but do not pass to the western slope, as the continental divide is an effective barrier. In the areas of high pressure or anti-cyclones, the greatest cold is generally confined to the lower stratum of air whose upper limit does not always reach as high as the mountain tops. As a matter of fact during these periods of low temperatures the adjacent high altitude stations experience relatively moderate temperatures, which condition, if not already in existence in the western valleys, is soon in evidence. Cold waves are the result of the transferring of cold air from the north, often increased by the radiation in the clear dry air.

The continental divide is also effective in moderating the winter temperatures of the eastern slope. When the distribution of the pressure is favorable to westerly winds, remarkable rises of temperature occur. These are called "chinook" winds. That the "chinook," or warm winds, blowing from the snow-covered mountains should be so warm and dry is explained by the fact that the air as it is forced up the western slope, owing to the high elevation, is unable to hold the moisture it contains and precipitation occurs. Its latent heat is liberated, so that the air reaches the top of the mountains colder but relatively warmer than when it began its ascent, and when in descending it is compressed, it reaches us as a warm, dry wind. Its effect in evaporating the snow on the plains has been the salvation of many herds of stock that must otherwise have perished. Locally they are accompanied by a low barometer, and soon a long wind cloud is seen like a banner lying close to the mountains, and later the wind springs up and the chinook is at hand. Chinooks are liable to occur at all seasons of the year, but the

warmth is relatively greater in winter and therefore more noticeable when the mountain region is warmer in comparison with the plains than in summer, adding extra heat to the descending air.

During the heated period in July and August, high temperatures often characterize the days. However, the periods of oppressive heat, sunstrokes and heat prostrations that occur in our eastern states, especially in the large cities, are practically unknown in Colorado, owing to our low, sensible temperature, although the temperatures in this State are often as high as those reached in the eastern states. The prevailing lack of moisture in the air is favorable to increased intensity of the direct rays of the sun, but owing to the dry atmosphere, which is favorable to rapid cooling by radiation and evaporation, even the warmest days are comfortable in the shade, and are succeeded by cool nights, which prevent a tendency toward the debility incident to continued heat. Nowhere in Colorado is the air sultry or "muggy," the dryness being marked as shown by the low reading of the wet bulb thermometer, which gives the temperature of evaporation, or sensible temperature, or approximating that experienced by the body. In Colorado this temperature is not infrequently 20, 30 or 35 degrees lower than the air temperature during the hottest part of the day. The air temperature as it is commonly recorded does not necessarily indicate the sensation of heat experienced by a person, so that an estimation of the pleasantness of two locations, as judged by the air temperatures, may give an entirely erroneous impression. The term "sensible temperature" is used to describe the temperature felt on the surface of the body. The wet bulb thermometer as used indicates this. It is an ordinary thermometer covered with a piece of muslin and immersed in water. The dryness of the air takes up the water by evaporation, the greater the dryness the greater the evaporation, and since this is a cooling process, it affects the temperature experienced by one. The greater the humidity, or amount of moisture in the air, the less the evaporation, and therefore, less cooling effect. The wind is also an important factor in promoting evaporation. Hence the effect of a light breeze is to make it seem cooler than the temperature of the air would indicate, especially on a cold day.

We often hear the statement made that the climate is changing, and the popular belief that such is the case can only be explained by the generally short and defective memories of people who through exposure to them, or inconvenience, or perhaps loss from a few severe storms in the past, unintentionally exaggerate the severity and frequency of the event. Although large fluctuations occur in different years with some indication of periodical term, especially in Colorado where the range of temperature is great, there seems to

be no progressive change. These fluctuations are large and often in the same direction for several successive years.

In the meteorological data for the last one hundred years, the record of some places extending still further back, there is nothing to support the idea of any permanent change in the climate having taken place, or about to take place, and the mean temperature shows no indication of any permanent change either warmer or colder. The small modifications claimed by cultivation, the planting of trees, and the erection of buildings, even of a large city, are too small to alter the mean temperature of any section of the country.

Colorado being an arid state, the amount of precipitation is at all times a vital question. Liability to a marked deficiency in rainfall in any region is a matter of grave concern to those engaged in agriculture and other interests. We often hear it stated that the rainfall is changing, that the settling up of the country and the planting of trees and building of reservoirs, forming lakes and wet places throughout the country, is causing an increase in the amount of our precipitation, but long series of observations taken at different places over the world, do not bear out that claim.

That the forests that cover the sides of the mountains exert a retarding influence in the melting snow and the drainage of the water, thus prolonging the period in which the same may be made available in irrigation, is true. Complaints are heard that the snows do not lie as long in summer as they used to before so much of the forest cover was removed, but there is no reason to believe that the amount of snow falling on the high mountains or plains either for that matter, is different from that of ages ago. In general, the precipitation seems to decrease with increase of altitude, as from the Missouri river west to near the base of the Rocky mountains, then there seems to be an increase in the amount to the tops of the higher mountains and on the crest of the range, especially on the windward side. There also seem to exist what have been termed islands of greater rainfall, where the precipitation, especially in winter, seems to be a great deal more than on the lower levels. In our case the line of lowest rainfall seems to be some 30 or 40 miles east of the foothills, and to increase to the eastward as well as westward to the summit of the mountains. The existence of islands of greater rainfall has long been noticed, several of which are found in this State. The rainfall in some of the more favored localities is at least twice as much as it is only a short distance away. These islands often occur at the sources of our larger streams, and since it is from the slowly melting snow on the high mountains that a fairly constant stream of water is available for the irrigation of the valley lands, the snowfall is very important to the well being of the people of the State, particularly those engaged in agriculture.

The months of greatest rainfall at the College are April, May, June, and July, which with that of the months of March and August, makes a total of 10.72 inches out of the total for the year, that falls during the growing season and is directly available to growing crops and ranges of the State. The rainfall of the State as a whole averages about 15 inches annually, the rainy season being in the spring and early summer months. The portion falling in the mountainous section is subject to a large run-off, and is gathered by the streams for use below, while the run-off on the plains is much smaller, being 10 to 15 per cent., but falling on a comparatively flat surface the moisture is absorbed by the soil and is directly available to the cultivated crops or natural stock range. An accurate knowledge of the rainfall or precipitation of this State is extremely desirable. All agricultural activities depend upon the amount and time of the year it is available, directly or through the aid of irrigation. Colorado, in common with a large part of the Rocky Mountain region, is occasionally visited by long dry spells. Since the distribution of pressure which brings about this condition is generally widespread, the dry periods prevail at the same time over extensive areas. During the last few years, for instance in 1910, from January 4th to April 29th, only 0.28 inches of moisture fell at Fort Collins. In 1907-08, from October 1st to May 1st, the total precipitation was only 0.82 inches, .44 of which fell in one storm in November, but fortunately this period was followed by a wet May, 5.83 inches, which was followed by favorable rainfall permitting good crops to be secured.

Absence of precipitation does not always mean drouth, especially when the soil is moist and evaporation is retarded by cloudiness and unfavorable wind conditions. Therefore, the maximum period without rainfall as a measure of the intensity of drouth must take into calculation the previous period and these other conditions. Then again the maximum period without rainfall often, in fact usually, occurs during the non-growing season, the autumn and early winter months having little or no effect on crops except that we need all the snow we can get on the high mountains for next season's supply. There is quite a wide range between the amount of precipitation in the wettest and driest years. For the wetter years the difference in amount may be two or three times the amount of the drier years. The snowfall for the winter months in Colorado is small, the average for November and December being the least in the year. However, on the crest of the range and on the high mountains, the snowfall is heavier and is stored there, especially in large drifts in the timber and gulches and north hillsides, for use in irrigation the following season. While many of the streams of the State have a good flow during May and June, they fall short during



the months of July and August, at a time when some of our most valuable crops are in need of water. It is then that a supply of water stored in our reservoirs, that would otherwise go to waste and help increase the damage due to floods lower down, can be impounded and put to a beneficial use to water our best paying crops later in the season. This condition arises almost every year, because our best months for rain are April, May and June, which is the time the melting snows cause the rivers and streams to be in a flood stage, and as the rains on the plains supply sufficient moisture for growing crops, the water then flowing in the streams is available for the reservoirs. The storms during the summer months are local in character and vary considerably in the amount, from nothing to an inch or more, and in their frequency, sometimes one or more every day for ten days or two weeks, and then again they are entirely absent, no precipitation falling for three weeks or more. A general rain is not usual at this time of the year, the form being that of the thunder shower. These local storms are often so frequent that several may occur over the same valley or region on the same afternoon. The western part of the State and high mountain regions receive most of their precipitation from the westerly winds from the Pacific ocean, while east of the mountains the supply obtained from the Gulf of Mexico becomes important. The precipitation during the growing months of the year is about two-thirds of that for the entire year, and this is a very important factor, since this distribution makes our small supply more effective than it otherwise would be. In the crop season when we are subject to a long continued drouth and many farmers are ruined and destruction is widespread, one cannot fail to see that the state which would fail to develop its irrigation possibilities and reclaim its arid lands would be making a great mistake. From the mountain peaks, which collect the snows of winter, flow the streams which make crop production a certainty. The original source of all our lakes and streams is precipitation in the form of rain or snow. This is the original water supply. The guarantee to the irrigator and farmer, to the irrigation engineer and to the capitalist who finances some of our large enterprises, is the information furnished by the rainfall observers over the State that there is a sufficient and steady water supply that can be depended upon, that we shall know intelligently the amount of water available for the use of crops, and that the hydraulic engineer may have data to calculate the supply tributary to the storage reservoirs or the streams from which their canals are taken.

The normal barometer for the Station is 24.992 inches for the year. While the Station barometer has been moved two or three times, the change in elevation has been very slight and no correction has been applied for this. Only the correction for temperature has

been applied. Our precipitation nearly always comes with a rising barometer. When the barometer is very low it is nearly always succeeded by wind. The precipitation is preceded by any barometer from the moderately low to the high.

The average date at which the last killing frost is likely to occur in a locality as a normal event, must often determine the limit in latitude and altitude at which a fruit or certain kinds of crops can be grown. Even in the most favored fruit regions of the State the records bring out the fact that killing frosts may be expected and will occasionally do great damage, though the smudge pot is lessening the danger and making a certainty of many years that formerly would have proved a total loss of crop. At Fort Collins the average date is May 10th to May 15th and September 15th to 20th. At Rocky Ford and Cheyenne Wells the season is a little longer.

In reporting the meteorological observations for the last twenty-five years it has been thought well to include, for purpose of comparison, the records taken for temperature and rainfall for our substations, and also the precipitation from a number of stations scattered over the State. Some of these observers reported to this Station during the early years, but during the last few years have reported altogether to the United States Weather Bureau office in Denver. They have been included here that they may be accessible along with data from our Station to people who may be interested.

The Agricultural Experiment Station at Fort Collins is located at the base of the Rocky Mountains, about four miles from the lowest foothills, beyond which the mountains rise to the summit of the range about fifty miles westward. It is located in Larimer county, about seventy-five miles north of Denver, on bench land about one mile south of and forty feet above the Cache la Poudre river. The College is in an irrigated area which extends about three miles further west, while in all other directions there are irrigated lands for a number of miles. The nearness to the mountains affects the climate in the amount and character of the clouds, in the temperature and in the direction and character of the winds. The elevation is about 5,000 feet, the latitude  $40^{\circ} 34'$ , and the longitude  $105^{\circ} 6'$  west of Greenwich.

The maximum and minimum thermometers used are called self-registering, that is, the maximum thermometer registers the warmest temperature of the day and the minimum the coldest and the thermometers remain at the extreme point until read and reset. They are read each day so that a continuous record of the lowest and highest temperature for each day of the year is kept at each station. The difference between the maximum and minimum temperatures of the day constitutes the daily range of temperature. The average of the two gives the mean temperature. The difference between the high-

est and lowest temperature during the month gives the monthly range. At the end of the year we obtain the annual mean temperature, the monthly and daily means of temperature, the daily, monthly and yearly range of temperature.

The rain gage which is used to measure the precipitation has an inner receptacle that magnifies the amount ten to one, making it possible to read to one hundredth of an inch with accuracy, and though the different elements vary considerably from month to month and year to year, the averages of all the years and of all the separate months afford a fairly accurate estimate of what we may expect each year and each month. It is only from the average of a long series of observations that an accurate opinion may be formed of the temperature and precipitation of a locality, and also what is of equal importance, the extremes that are liable to come. The records in this bulletin are brought up to the end of 1911 and extend far enough back to give the average results and a fairly good knowledge of the climate of those portions of the State reported upon. That it is possible to place before the public the data from these stations depends upon a great deal of patience, care and accuracy on the part of the observers, and much credit is due those observers whose only recompense has been giving to the public a portion of their time and labor, in some cases twenty to twenty-five years, in order that we may have a knowledge of the climatology of the State in which we live.

Throughout all tables, unless otherwise stated, Fahrenheit degrees have been used.

Some of the qualities that make for health, comfort, and man's enjoyment of life are: abundance of sunshine; a pure, dry air; clear skies giving a wide daily range of temperature; freedom from heat prostrations; a low humidity, making us exempt from the raw, chilly mornings or penetrating cold, giving in its place a dry, bracing cold, usually attended by sunshine; and a favorable sensible temperature, tending to modify the cold of winter as well as the heat of summer. In winter it is usually warm in the sunshine, and in summer it is always cool in the shade. There is seldom a night in the year when a blanket covering is not comfortable. The air is healthier than at a lower altitude, because it is cleaner. Bacteria decrease rapidly as we rise in the air. Such a bracing, invigorating climate stimulates the people as a whole, to their best efforts in any line of work or endeavor.

#### THE ARKANSAS VALLEY SUBSTATION.

This station is located near Rocky Ford, Colorado, and was established by the Colorado Experiment Station in 1888, and records have been taken since that time. The elevation of the sta-

tion is 4,180 feet. Mr. Frank L. Watrous was the observer at this station for a number of years and was succeeded by Mr. W. F. Crowley. Mr. H. H. Griffin was observer at that station from February, 1898, to February, 1903, and was succeeded by Mr. Philo K. Blinn, who is still in charge.

The season is some longer than in the northern part of the State, and the mean temperature a little higher, especially during the summer months. The climate, as well as the soil, has been found suitable to melon growing, and the Rocky Ford cantaloupe has a nation-wide reputation for quality, while the growth of wheat, alfalfa, sugar beets and other farm crops, make the Arkansas Valley famous throughout the West.

#### CHEYENNE WELLS STATION.

This station was established by the Colorado Experiment Station in June, 1894. It is located at Cheyenne Wells, Cheyenne county, on the Union Pacific railroad near the eastern border of the State, at an elevation of 4,280 feet.

The records were taken by Mr. J. B. Robertson, the superintendent of the substation until April, 1896, when he was succeeded by Mr. J. E. Payne, a very capable and conscientious observer, who kept the records until September, 1901. Mr. L. M. Parker took the records from that date until June, 1902, at which time Mr. J. B. Robertson was again employed by the station and was the observer until March, 1910, when he resigned and was succeeded by Mr. J. W. Adams, who has continued the work until the present time.

Lying as it does in the eastern part of the state, with no running streams of any size, the crops grown will always be limited to the rainfall of that region, but by conservation of the water supply, aided by the proper methods of tillage, much may be accomplished.

#### LONG'S PEAK, ESTES PARK, COLORADO.

This station was established by Mr. Carlyle Lamb, a well known guide in that region, in May, 1892, near the base of Long's Peak. and observations of precipitation and temperature were taken regularly until March, 1902, when Mr. Lamb left the Park and Mr. Enos A. Mills, the well known guide and lecturer, succeeded him, and the records have been continued by him to the present time.

The climate of Estes Park is typical of that found in this State in the high elevations, and the clear, sunshiny days and cool nights are making of the Park one of the greatest tourist resorts in the State. Strong efforts are being made to have the U. S. Government set it aside as a National Park.

The climate during the summer and fall months is delightful, and during the winter the brisk, dry cold, with plenty of sunshine.

is found to have its charm to many. Often the cold wave surrounding the lower valleys is absent, owing to the fact that many of them do not extend upward to a sufficient height to affect many of the higher elevations of the State. Nature has done much in giving to this western country such grand and beautiful scenery as may be found throughout the Rocky Mountain region, and in Estes Park may be found one of the most pleasant resorts in the State.

During the winter the snowfall was not always melted; in those cases ten inches of snowfall has been taken as the equivalent of one inch of water.

### COWDREY, NORTH PARK.

In 1891 Miss Lucy Bell began taking observations at what was then Pinkhampton, but was soon succeeded by Mr. George A. Barnes, and records have been kept by him at the same place, continuously since that time, although the post office now used is Cowdrey.

The temperature seems to be a little colder than formerly, and the extreme temperature of December, 1910, given as  $-56$ , seems to indicate that possibly the thermometer is not altogether reliable at that extreme temperature. The thermometer at Kremmling on that same morning registered  $-44$  degrees. During the winters the snowfall is measured but not melted. In the computations ten inches of snowfall have been used as an equivalent of one inch of water, although during some of the cold weather when the snowfall was light, this would be rather more than the actual amount. In some cases at the College small amounts, when the weather was very cold, often take nearer 14 or 15 inches of snow to be equivalent to one inch of water.

The data from the following stations, except two or three which reported to the Experiment Station in earlier years but not during the last few years, has been obtained from the records of the United States Weather Bureau at Denver, Colorado, in charge of Mr. F. H. Brandenburg, the efficient forecast official, for the last several years. These stations are here given on account of the widespread interest in the rainfall over the different sections of the State.

#### TABLES I-VI—PAGES 18-23.

Daily Minimum Temperatures for twenty-five years, for the months from November to April inclusive, Fort Collins, Colorado.

#### TABLES VII-IX—PAGES 24-26.

Daily Maximum Temperatures for June, July and August, Fort Collins, Colorado.

## TABLE X—PAGES 26-27.

Monthly Mean Dry Bulb Temperature at 7 A. M. and 7 P. M., Fort Collins, Colorado.

## TABLE XI—PAGES 28-29.

Monthly Mean Wet Bulb Temperature at 7 A. M. and 7 P. M. This represents the sensible temperature, the degree of heat or cold felt by a person. Fort Collins, Colorado.

## TABLE XII—PAGES 28-29.

Monthly Mean Maximum and Minimum Temperature, Fort Collins, Colorado.

## TABLE XIII—PAGE 30.

Normal Daily Temperature for twenty-five years, Fort Collins, Colorado.

## TABLE XIV—PAGE 31.

Monthly Mean Temperatures, Fort Collins, Colorado.

## TABLE XV—PAGE 31.

Monthly mean Calories of the sun's heat at noon. Fort Collins, Colorado.

## TABLE XVI—PAGES 32-33.

Extreme Monthly Maximum and Minimum Temperatures, Fort Collins, Colorado.

## TABLE XVII—PAGES 32-33.

Average monthly reading of black and bright bulbs of actinometers at noon, in centigrade degrees. Fort Collins, Colorado.

## TABLE XVIII—PAGE 34.

Monthly Mean Dew Point, Fort Collins, Colorado.

## TABLE XIX—PAGE 34.

Monthly Mean Relative Humidity expressed in percentage of saturation of the atmosphere, Fort Collins, Colorado.

## TABLE XX—PAGE 35.

Monthly Mean Terrestrial Radiation. Difference between monthly minimum and terrestrial six inches from the ground. Fort Collins, Colorado.

## TABLE XXI—PAGE 35.

Monthly Mean Terrestrial Radiation Thermometer, six inches from the ground. Fort Collins, Colorado.

## TABLE XXII—PAGE 36.

Monthly Mean and Normal Barometer (7 A. M. and 7 P. M.), Fort Collins, Colorado.

## TABLE XXIII—PAGE 37.

Monthly Precipitation at the Colorado Experiment Station, Fort Collins, Colorado.

## TABLE XXIV—PAGE 38.

Number of stormy days, with one hundredth or more of precipitation. Fort Collins, Colorado.

## TABLE XXV—PAGE 38.

Monthly average wind in miles per day. Fort Collins, Colorado.

## TABLE XXVI—PAGE 39.

Monthly Evaporation in inches from water surface. Fort Collins, Colorado.

## TABLE XXVII—PAGES 40-41.

Monthly Mean Maximum and Minimum Temperatures at Arkansas Valley Substation, Rocky Ford, Colorado.

## TABLE XXVIII—PAGES 40-41.

Extremes of Temperature of Arkansas Valley Substation, Rocky Ford, Colorado.

## TABLE XXIX—PAGE 42.

Mean Monthly Temperature at Arkansas Valley Substation, Rocky Ford, Colorado.

## TABLE XXX—PAGE 42.

Monthly Precipitation at Arkansas Valley Substation, Rocky Ford, Colorado.

## TABLE XXXI—PAGE 43.

Monthly Mean Temperatures at the Plains Substation, Cheyenne Wells, Colorado.

## TABLE XXXII—PAGE 43.

Monthly Precipitation at the Plains Substation, Cheyenne Wells, Colorado.

## TABLE XXXIII—PAGES 44-45.

Monthly Mean Maximum and Minimum Temperatures at the Plains Substation, Cheyenne Wells, Colorado.

## TABLE XXXIV—PAGES 44-45.

Extreme Monthly Temperatures at the Plains Substation, Cheyenne Wells, Colorado.

## TABLE XXXV—PAGES 46-47.

Monthly Mean, Maximum and Minimum Temperatures near Long's Peak, Estes Park, Colorado.

## TABLE XXXVI—PAGES 46-47.

Extreme Monthly Temperatures near Long's Peak, Estes Park, Colorado.

## TABLE XXXVII—PAGE 48.

Monthly Mean Temperatures near Long's' Peak, Estes Park, Colorado.

## TABLE XXXVIII—PAGE 48.

Monthly Precipitation near Long's Peak, Estes Park, Colorado.

## TABLE XXXIX—PAGE 49.

Monthly Mean Temperatures at Cowdrey, North Park, Colorado.

## TABLE XL—PAGE 49.

Monthly Precipitation at Cowdrey, North Park, Colorado.

## TABLE XLI—PAGES 50-51.

Monthly Mean of the Highest and Lowest Temperatures at Cowdrey, North Park, Colorado.

## TABLE XLII—PAGES 50-51.

Extreme Monthly Temperatures at Cowdrey, North Park, Colorado.



TABLE XLIII—PAGE 52.

Monthly Precipitation at Denver, Colorado.

TABLE XLIV—PAGE 53.

Monthly Precipitation at Hamps, Elbert County, Colorado.

TABLE XLV—PAGE 53.

Monthly Precipitation at LeRoy, Logan County, Colorado.

TABLE XLVI—PAGE 54.

Monthly Precipitation at Yuma, Yuma County, Colorado.

TABLE XLVII—PAGE 54.

Monthly Precipitation at Garnett, San Luis Valley, Colorado.

TABLE XLVIII—PAGE 55.

Monthly Precipitation at Durango, LaPlata County, Colorado.

TABLE XLIX—PAGE 55.

Monthly Precipitation at Grand Junction, Mesa County, Colorado.

TABLE L—PAGE 56.

Monthly Precipitation at Meeker, Rio Blanco County, Colorado.

TABLE LI—PAGE 56.

Monthly Precipitation at Wray, Yuma County, Colorado.

TABLE 1—DAILY MINIMUM TEMPERATURES FOR NOVEMBER  
At the Colorado Experiment Station, Fort Collins, Colorado.

Year.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1887	32	32	36	28	26	39	34	29	24	24	27	26	36	39
1888	42	29	27	35	29	32	31	16	..	..	..	..	..	..
1889	20	8	24	8	<b>1</b>	9	25	31	20	28	21	7	..	..
1890	27	36	23	27	36	20	20	24	<b>6</b>	20	20	19	17	35
1891	24	22	29	33	31	34	25	27	13	40	24	14	20	19
1892	32	32	21	29	27	32	16	20	16	16	28	28	34	15
1893	25	17	13	17	22	28	39	18	23	33	17	10	24	12
1894	36	19	32	22	19	29	41	25	28	17	23	44	20	22
1895	22	36	29	26	22	9	19	24	16	16	16	16	27	17
1896	27	21	26	16	25	10	5	7	34	34	24	13	18	32
1897	22	24	29	30	13	20	28	27	18	38	22	33	37	26
1898	32	20	17	46	26	18	26	16	—11	8	4	10	4	..
1899	22	15	16	23	28	30	20	27	27	30	24	34	31	21
1900	21	26	29	31	21	28	33	23	17	21	13	18	32	17
1901	22	30	15	29	24	39	17	31	22	27	26	14	17	15
1902	36	20	32	30	24	15	22	28	34	32	29	38	23	18
1903	24	22	24	28	22	20	25	25	19	20	19	30	23	22
1904	21	18	36	22	17	18	20	22	29	18	<b>0</b>	12	14	15
1905	<b>3</b>	4	24	27	35	25	25	25	31	17	20	22	25	21
1906	37	30	29	27	31	33	22	30	27	28	34	26	40	27
1907	38	22	23	24	22	25	29	20	18	25	3	—1	7	10
1908	30	23	22	21	20	22	22	21	22	15	—4	1	—12	—8
1909	24	27	30	28	27	29	36	21	24	27	21	25	24	17
1910	37	27	24	33	18	24	29	32	17	28	29	34	32	34
1911	17	14	11	23	24	22	18	26	19	22	—7	—11	2	22
Average.....	27	23	25	27	24	24	25	23	20	23	18	19	22	19

NOTE—Extreme in bold faced type.

TABLE II—DAILY MINIMUM TEMPERATURES FOR DECEMBER  
At the Colorado Experiment Station, Fort Collins, Colorado.

Year.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1887	21	17	23	14	19	19	24	22	24	26	11	23	19	7
1888	11	32	12	26	19	18	27	15	18	19	20	18	18	21
1889	24	31	21	24	31	26	28	27	18	26	22	27	25	29
1890	24	25	29	16	23	20	12	<b>6</b>	15	23	24	13	20	19
1891	34	29	25	10	14	1	—10	14	18	32	17	16	19	33
1892	19	23	21	21	30	26	14	4	2	9	8	—0	5	—10
1893	17	34	17	27	29	12	31	28	21	27	31	22	14	20
1894	28	21	—4	2	12	26	31	18	20	28	14	15	10	12
1895	17	10	1	8	15	21	27	20	12	31	24	19	23	24
1896	15	14	29	28	38	22	<b>0</b>	9	18	19	22	24	21	24
1897	11	3	—2	—8	7	27	19	27	28	17	18	25	22	17
1898	15	26	21	6	20	5	10	—1	—18	—11	1	27	3	6
1899	25	25	11	16	4	13	9	8	21	1	—3	19	8	—9
1900	25	24	7	23	27	23	21	19	15	13	10	16	15	13
1901	19	19	27	26	27	26	32	0	9	17	16	10	—15	—31
1902	16	23	17	12	24	17	13	22	24	26	19	15	26	18
1903	19	29	17	19	8	8	13	26	32	14	17	7	6	6
1904	29	24	26	17	7	8	14	11	16	18	24	8	17	12
1905	8	7	6	13	10	7	5	8	13	2	10	10	8	14
1906	21	19	27	36	30	27	2	—2	18	23	27	30	29	18
1907	20	18	17	15	18	28	20	33	18	15	15	33	14	28
1908	0	—5	6	14	18	2	—1	5	13	17	19	25	25	18
1909	33	30	9	—15	—19	—6	—18	—9	8	6	25	4	19	22
1910	26	26	28	22	20	11	23	22	24	23	24	29	24	17
1911	14	18	11	11	21	17	12	11	9	21	16	5	12	—2
Average.....	20	21	16	15	18	16	15	15	16	18	17	17	15	13

NOTE—Extreme in bold faced type.

TABLE I—DAILY MINIMUM TEMPERATURES FOR NOVEMBER  
At the Colorado Experiment Station, Fort Collins, Colorado.

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
28	32	24	15	32	19	21	27	20	18	16	12	13	6	14	16	..
..	..	..	19	22	13	16	20	21	16	18	26	33	30	28	15	..
17	11	18	24	29	29	26	24	30	30	26	18	18	17	15	18	..
14	11	19	21	19	18	34	18	20	21	26	12	19	21	16	20	..
13	-1	6	9	18	17	31	12	26	21	26	28	45	20	12	25	..
31	13	22	26	17	25	13	28	30	20	26	11	14	16	32	26	..
16	20	15	9	8	9	25	1	13	3	14	10	21	37	30	19	..
19	-1	0	22	18	35	19	24	14	24	25	30	31	21	19	21	..
20	40	28	36	19	23	26	4	4	11	5	3	13	20	14	16	..
30	35	30	24	9	8	14	16	31	19	20	2	11	10	8	5	..
8	1	17	24	31	30	25	24	25	20	22	3	2	4	1	11	..
8	20	18	38	27	16	11	7	5	16	9	13	22	24	25	19	..
24	34	25	31	17	25	26	22	31	16	17	17	18	28	28	33	..
22	26	30	10	16	13	9	35	28	26	13	24	30	13	13	12	..
14	20	33	31	12	19	24	19	27	33	19	23	20	18	20	35	..
26	14	22	20	24	23	19	23	19	23	24	16	15	18	8	4	..
26	18	0	10	4	7	21	23	22	22	19	20	26	22	15	18	..
18	33	22	18	29	11	27	20	15	16	11	12	21	39	20	19	..
27	24	23	27	20	20	27	30	22	21	27	25	35	15	4	8	..
33	34	21	11	-2	0	11	12	17	-2	15	11	6	11	15	29	..
14	11	14	27	11	4	7	3	3	9	23	20	19	18	18	21	..
6	13	14	27	30	22	24	24	25	19	16	0	-1	10	19	15	..
11	-3	7	16	29	38	32	25	35	42	27	32	29	10	21	28	..
30	28	20	20	32	16	23	32	23	27	24	31	14	14	32	27	..
36	27	22	35	34	26	20	17	12	18	14	26	16	5	2	9	..
20	19	19	21	20	18	21	20	18	19	18	16	19	17	17	18	..

TABLE II—DAILY MINIMUM TEMPERATURES FOR DECEMBER  
At the Colorado Experiment Station, Fort Collins, Colorado.

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0	17	18	32	11	3	1	2	28	20	18	16	3	7	15	18	10
32	28	26	16	13	22	23	18	23	19	19	11	4	4	9	6	5
18	30	29	29	17	13	26	12	20	22	20	23	23	26	17	3	13
26	9	11	10	17	26	10	14	12	21	11	34	12	13	24	26	32
23	19	18	16	17	18	20	13	15	7	-5	-9	25	28	8	15	17
-17	5	-9	-3	6	4	-17	-15	17	17	28	17	16	14	17	22	15
33	18	17	22	14	12	18	30	27	25	7	8	8	24	14	2	9
23	13	13	14	20	24	17	14	18	19	-5	-3	-16	-24	-3	-2	-6
13	15	5	10	0	11	21	9	9	20	7	17	4	13	-5	20	7
12	27	22	13	10	22	22	21	15	21	15	13	18	19	14	15	27
3	11	10	-6	-2	-6	-6	6	16	13	15	12	20	25	40	29	14
8	9	13	10	16	29	21	8	12	8	13	16	20	17	13	14	-22
-6	13	17	17	4	4	7	12	21	20	26	21	22	21	13	16	21
12	19	24	27	13	20	34	31	24	15	24	13	19	-3	1	-7	-22
-12	14	5	18	9	18	24	41	29	22	15	26	11	18	15	23	8
0	-8	-5	-1	26	33	13	6	21	15	10	13	21	17	7	6	8
11	17	13	14	22	13	27	14	13	5	21	25	16	12	8	15	17
12	26	10	22	11	29	12	25	25	25	13	15	7	2	1	8	17
8	15	14	9	24	14	9	11	-1	15	4	18	10	15	-4	-3	6
7	7	9	10	21	32	34	18	21	25	18	31	19	17	29	15	15
4	10	9	-5	-3	-1	8	11	25	19	22	17	27	17	17	5	10
33	25	16	-13	-3	-1	-3	5	9	18	18	18	24	19	25	16	16
16	14	3	-9	-2	1	-11	-10	-4	3	-4	7	15	23	9	16	21
18	18	14	15	17	20	25	18	5	14	20	3	10	9	6	6	12
9	12	11	21	24	15	14	1	7	15	-2	-3	-8	-11	1	-6	5
11	13	12	12	12	14	14	12	17	17	13	13	14	13	12	10	11

THE COLORADO EXPERIMENT STATION.

TABLE III—DAILY MINIMUM TEMPERATURES FOR JANUARY  
At the Colorado Experiment Station, Fort Collins, Colorado.

Year.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1887	..	..	..	..	..	..	-9	-10	-18	-1	8	21	23	16
1888	10	26	23	28	18	16	-15	-12	-14	18	10	9	20	-16
1889	6	4	7	16	18	18	20	11	2	19	9	19	19	17
1890	5	2	4	8	8	8	2	9	15	21	15	-13	7	4
1891	15	9	10	14	7	17	10	22	12	-13	12	-9	3	-2
1892	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1893	14	33	23	36	22	0	10	11	17	4	-28	-11	-15	-6
1894	15	33	39	39	-8	31	22	12	17	19	27	7	10	12
1905	2	-3	13	2	2	16	2	0	-12	5	17	14	16	24
1896	26	13	8	1	24	12	15	7	20	22	23	18	27	32
1897	28	15	9	6	14	20	7	18	28	15	22	10	2	13
1898	4	14	25	18	16	16	14	12	14	16	13	20	13	24
1899	-8	6	22	14	5	16	26	13	12	23	6	6	15	7
1900	..	9	23	24	16	10	14	5	9	10	11	22	11	7
1901	-22	-18	-4	11	13	18	14	21	25	10	11	19	25	25
1902	27	15	15	23	19	24	24	27	19	14	33	24	31	31
1903	7	18	18	34	37	47	13	13	19	19	14	17	18	19
1904	12	6	7	6	13	0	9	13	5	5	18	23	10	6
1905	24	4	16	26	11	20	0	10	9	3	-12	-16	-22	14
1906	10	2	16	1	26	8	16	-4	5	9	9	20	21	8
1907	25	-2	5	10	23	20	15	12	12	14	18	20	19	11
1908	19	6	15	5	8	15	11	8	22	21	5	19	5	6
1909	11	17	24	27	3	-3	4	20	4	3	0	3	8	18
1910	21	9	2	-11	-21	-16	-6	-1	-4	2	4	6	-1	4
1911	-2	-13	-18	4	22	21	22	23	16	40	26	11	16	29
Average.....	10	9	11	13	14	12	10	9	11	11	10	11	11	12

NOTE—Extreme in bold faced type.

TABLE IV—DAILY MINIMUM TEMPERATURES FOR FEBRUARY  
At the Colorado Experiment Station, Fort Collins, Colorado.

Year.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1887	6	-5	0	-5	-4	10	14	18	12	5	-2	8	18	18
1888	29	29	36	27	14	20	27	27	31	30	25	34	37	20
1889	6	9	14	38	16	11	15	9	8	28	29	10	37	24
1890	12	33	33	38	31	26	15	14	19	19	16	6	14	14
1891	-11	-12	-15	-2	4	5	5	6	-14	-4	1	1	5	7
1892	22	21	17	23	8	7	-1	-9	8	18	24	8	22	19
1893	2	10	7	12	32	6	1	8	31	15	26	13	14	12
1894	0	16	3	-10	-5	6	9	17	6	3	-12	-15	-7	0
1895	-8	6	8	13	9	3	-14	1	2	-2	-14	-28	-24	-22
1896	4	15	23	14	11	25	6	21	10	16	8	15	9	25
1897	10	23	22	11	19	20	24	12	14	20	16	22	9	0
1898	9	10	8	23	9	26	31	21	28	13	11	10	15	30
1899	-7	-16	-18	-31	-32	-38	-32	-17	-4	-5	-30	-38	-1	1
1900	11	14	29	14	15	15	9	7	12	7	23	-2	-7	0
1901	5	1	9	-1	-9	5	5	-14	-15	-6	-2	4	0	7
1902	-9	-23	0	10	18	22	16	14	18	18	28	22	28	6
1903	18	11	6	-20	-19	9	-21	-13	1	11	13	5	-15	-23
1904	15	13	18	13	26	26	8	12	3	6	12	18	34	9
1905	0	-2	-5	-4	13	10	-2	1	8	6	-14	-25	-27	9
1906	17	14	18	3	-5	2	3	7	6	2	10	11	15	12
1907	24	11	-3	3	11	26	19	24	35	15	17	21	22	16
1908	-15	-3	14	15	19	10	19	17	10	18	14	12	16	3
1909	14	14	14	20	15	18	14	3	-6	19	18	22	9	-6
1910	21	17	5	5	9	9	10	20	1	7	14	19	13	23
1911	33	16	28	27	21	18	19	12	11	11	18	22	17	21
Average.....	8	8	11	9	9	10	8	8	9	11	10	8	10	9

NOTE—Extreme in bold faced type.

TABLE III—DAILY MINIMUM TEMPERATURES FOR JANUARY  
At the Colorado Experiment Station, Fort Collins, Colorado.

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
30	18	10	12	34	24	26	14	14	20	11	6	20	23	26	8	18
-28	-17	0	2	13	-8	-6	13	18	22	19	35	26	26	28	20	26
5	10	-2	-4	11	-3	12	8	0	3	11	1	30	28	10	16	15
-6	-2	9	14	13	-12	-4	-1	10	9	43	42	28	16	18	16	16
9	3	0	5	4	14	33	30	11	9	13	20	24	21	24	31	22
8	10	-6	-24	-8	26	-7	2	5	11	15	15	18	21	24	31	23
-2	-2	2	-1	13	4	7	12	15	28	22	4	14	34	10	18	25
24	25	26	1	1	13	20	12	-14	-22	4	10	5	22	9	14	9
8	-1	15	16	15	17	17	16	13	14	14	7	-10	10	9	1	1
10	13	20	24	29	20	28	24	27	15	10	23	16	17	24	21	19
10	19	23	7	9	12	20	26	20	-5	-7	-17	-26	-19	-9	8	8
10	10	19	27	7	13	15	21	4	10	22	-12	0	16	16	20	11
13	27	27	14	25	20	13	15	15	22	11	19	6	0	-8	-2	-17
21	29	22	12	15	10	16	24	21	2	9	10	-6	-2	6	2	11
29	22	20	24	17	20	28	2	2	17	21	9	17	14	2	7	6
17	8	8	8	10	9	10	4	21	24	-31	-19	-20	-18	-15	-7	15
3	13	15	13	17	4	10	4	3	26	7	10	21	19	19	6	12
4	14	29	30	16	22	18	19	19	24	22	19	18	25	13	24	13
15	10	21	18	30	23	8	-3	8	25	15	4	13	11	17	12	8
5	11	7	13	13	6	22	20	13	25	8	8	10	17	19	7	19
6	-10	21	5	15	7	20	20	17	17	18	31	10	17	19	7	3
22	26	29	27	27	31	25	25	24	31	14	18	21	17	10	1	8
4	14	26	17	21	16	8	30	27	28	20	23	21	17	26	19	22
28	21	16	16	23	31	17	1	-5	7	24	27	30	21	28	32	45
10	11	15	10	15	14	14	14	11	13	13	12	11	13	12	12	12

TABLE IV—DAILY MINIMUM TEMPERATURES FOR FEBRUARY  
At the Colorado Experiment Station, Fort Collins, Colorado.

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
20	14	30	20	8	8	-8	14	11	8	8	20	22	22	...	...	...
17	26	32	32	24	21	19	16	18	27	26	16	25	30	25	...	...
12	2	-16	0	10	-14	10	7	2	12	25	17	30	18	...	...	...
13	16	41	16	14	13	23	18	16	8	0	-7	-20	-19	...	...	...
25	24	21	18	22	10	5	16	22	33	21	9	14	2	...	...	...
7	9	19	18	20	24	25	25	29	13	17	27	28	21	23	...	...
1	16	23	14	8	24	23	23	24	17	4	18	-3	-10	...	...	...
-2	8	10	24	7	-4	0	1	-12	-11	11	15	33	20	...	...	...
-23	-14	30	24	10	24	29	26	29	28	32	32	26	28	...	...	...
25	21	22	14	19	17	19	27	29	11	20	20	33	18	19	...	...
20	34	31	17	5	10	14	0	5	5	13	11	8	32	...	...	...
23	22	32	20	16	7	13	22	12	13	20	20	17	32	...	...	...
1	23	5	8	13	21	26	-4	-12	-1	17	-2	2	21	...	...	...
-17	-23	-18	5	17	18	26	22	28	19	31	29	20	10	...	...	...
32	33	30	19	20	18	19	10	6	11	25	28	26	24	...	...	...
19	27	25	30	30	14	23	25	20	12	31	38	35	29	...	...	...
-28	-20	-3	9	-3	5	5	8	15	20	18	5	10	11	...	...	...
17	18	24	5	4	16	22	25	48	33	49	27	36	28	20	...	...
3	23	-1	3	12	21	21	19	28	21	19	28	13	16	...	...	...
14	33	7	13	15	14	24	26	15	10	11	25	14	25	...	...	...
25	18	19	38	27	25	26	21	21	35	17	21	20	9	...	...	...
25	18	11	18	-2	5	6	2	11	30	26	23	19	26	18	...	...
-14	17	22	29	25	27	15	23	16	-5	9	27	12	23	...	...	...
10	-5	-16	2	2	10	6	0	4	26	26	24	18	20	...	...	...
25	24	20	20	11	-3	-8	-7	9	-2	14	15	11	5	...	...	...
10	14	15	17	13	13	15	15	15	15	20	19	18	17	21	...	...

THE COLORADO EXPERIMENT STATION.

TABLE V—DAILY MINIMUM TEMPERATURES FOR MARCH  
At the Colorado Experiment Station, Fort Collins, Colorado.

Year.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1887	26	27	13	12	<b>8</b>	26	25	24	26	26	30	35	24	36
1888	13	11	9	4	<b>3</b>	13	15	22	20	13	19	26	30	32
1889	<b>21</b>	<b>17</b>	31	<b>17</b>	<b>20</b>	23	25	20	19	<b>17</b>	29	28	28	37
1890	<b>0</b>	17	18	29	33	22	24	20	23	22	19	16	12	18
1891	26	34	3	10	14	4	—4	5	16	34	8	1	14	18
1892	24	26	32	33	33	34	38	27	26	17	20	30	25	26
1893	<b>2</b>	12	20	4	18	16	23	36	19	29	13	16	24	24
1894	13	20	19	27	15	14	18	19	28	19	42	28	32	32
1895	15	24	14	16	20	15	21	26	31	23	18	16	7	—9
1896	13	7	5	2	14	19	18	16	31	17	22	27	18	4
1897	21	19	20	17	22	21	24	33	20	15	22	17	18	7
1898	33	13	16	25	19	15	17	34	18	24	19	18	20	29
1899	28	33	25	18	14	11	28	32	31	22	17	27	20	30
1900	30	27	29	26	22	21	21	26	33	33	30	27	28	25
1901	34	32	35	3	—4	10	19	31	26	34	38	34	27	19
1902	29	17	27	24	8	23	27	20	24	33	18	17	14	20
1903	<b>10</b>	6	9	17	22	24	4	7	33	19	21	28	29	28
1904	22	23	11	19	31	20	32	23	27	21	25	21	13	24
1905	37	18	31	28	36	20	27	<b>12</b>	22	28	21	23	26	26
1906	15	12	3	14	18	25	17	30	27	11	6	2	9	6
1907	5	33	27	25	23	25	28	21	33	28	27	27	3	13
1908	23	10	11	21	33	20	11	20	<b>8</b>	10	15	26	29	42
1909	27	31	26	31	29	25	23	11	15	19	16	<b>12</b>	15	21
1910	36	42	24	28	27	29	22	35	29	<b>12</b>	21	20	23	30
1911	<b>2</b>	8	14	17	27	26	26	45	33	33	35	28	23	21
Average	19	21	19	19	20	20	20	23	24	22	21	21	20	21

NOTE—Extreme in bold faced type.

TABLE VI—DAILY MINIMUM TEMPERATURES FOR APRIL  
At the Colorado Experiment Station, Fort Collins, Colorado.

Year.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1887	40	18	26	<b>16</b>	34	34	32	40	45	30	30	25	34	34
1888	49	45	<b>30</b>	35	46	33	37	48	44	31	<b>30</b>	<b>30</b>	36	41
1889	32	46	25	28	34	35	44	38	39	43	42	32	31	36
1890	<b>14</b>	17	32	26	46	38	41	29	19	29	33	35	32	32
1891	25	<b>13</b>	18	23	17	27	29	39	33	21	30	33	35	29
1892	33	23	30	31	25	24	37	24	21	34	25	36	32	20
1893	30	36	32	32	28	42	33	33	21	27	39	31	19	8
1894	25	29	39	32	22	26	37	38	<b>10</b>	27	33	38	29	25
1895	27	<b>17</b>	30	27	28	30	35	19	41	30	36	35	27	33
1896	27	7	21	30	26	30	34	41	26	39	36	37	25	30
1897	29	28	23	23	24	33	31	<b>20</b>	32	33	36	35	32	35
1898	29	18	32	29	<b>14</b>	27	25	25	27	29	25	25	26	33
1899	14	13	8	21	29	14	26	24	27	35	33	32	31	28
1900	27	29	30	32	32	29	31	32	36	24	<b>5</b>	22	31	33
1901	16	20	32	30	24	23	29	33	32	17	32	29	27	30
1902	20	25	21	24	33	38	35	46	37	23	26	34	32	<b>18</b>
1903	37	33	26	24	32	27	29	34	31	38	39	27	18	24
1904	27	21	32	26	38	27	30	28	<b>14</b>	38	39	21	30	30
1905	38	32	30	29	29	26	29	36	44	28	22	<b>12</b>	31	32
1906	30	31	<b>22</b>	30	25	26	36	37	32	42	38	39	35	27
1907	34	40	34	41	29	34	30	32	37	39	38	22	28	33
1908	18	<b>10</b>	16	30	21	28	31	31	24	32	25	32	35	35
1909	29	32	31	30	27	<b>0</b>	23	14	22	27	30	26	35	32
1910	31	25	40	29	<b>18</b>	22	51	28	37	38	44	35	40	36
1911	29	42	29	32	31	23	28	24	32	32	34	36	21	24
Average	27	26	26	28	29	28	31	31	30	31	29	31	30	28

NOTE—Extreme in bold faced type.

TABLE V—DAILY MINIMUM TEMPERATURES FOR MARCH  
At the Colorado Experiment Station, Fort Collins, Colorado.

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
28	36	28	36	25	14	18	20	25	34	28	20	15	30	32	30	20
28	28	29	30	18	18	20	19	32	30	14	12	8	21	32	39	35
30	34	40	42	30	39	31	33	21	19	18	29	30	32	32	35	32
16	21	34	34	28	33	28	33	28	40	20	20	36	20	23	26	18
25	25	36	26	22	37	24	30	31	19	14	6	24	28	32	25	26
19	8	20	3	19	16	14	7	21	29	33	28	18	24	33	21	28
12	18	10	15	16	29	23	28	27	12	18	21	36	18	25	33	48
24	35	31	34	21	21	14	19	13	20	10	18	20	13	14	34	32
18	5	11	24	26	21	26	26	29	30	23	28	36	40	34	32	28
7	15	20	10	22	27	45	34	32	33	47	27	40	39	28	27	24
14	18	32	24	23	16	25	15	7	6	19	27	30	29	29	30	25
20	17	13	19	26	20	9	2	6	16	21	22	9	20	19	12	18
12	22	21	16	22	22	28	27	23	31	26	9	24	17	10	12	9
22	21	16	20	24	25	20	21	27	29	23	26	30	10	22	18	23
19	20	20	19	24	17	29	29	33	25	33	20	28	20	14	8	8
20	12	2	18	24	33	32	29	32	32	31	34	26	23	19	16	14
30	28	34	19	4	3	7	16	8	6	18	29	28	29	37	36	33
22	29	21	34	32	30	28	19	18	34	15	10	21	25	30	33	32
40	36	36	42	30	29	28	34	32	25	32	34	35	32	20	27	37
2	19	19	9	25	0	15	5	2	22	27	27	32	33	32	26	31
21	29	28	33	49	34	44	41	25	33	34	28	24	30	31	28	18
33	46	44	33	26	11	26	18	29	42	34	16	29	24	11	21	30
26	20	28	26	31	26	31	36	19	34	15	10	21	25	30	33	32
21	24	28	27	29	31	32	32	36	34	29	38	37	30	33	28	19
24	25	33	24	22	27	44	33	25	27	29	29	13	28	44	22	28
19	22	22	24	24	3	24	24	23	26	25	24	24	24	26	25	25

TABLE VI—DAILY MINIMUM TEMPERATURES FOR APRIL  
At the Colorado Experiment Station, Fort Collins, Colorado.

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
30	34	33	31	30	30	34	26	30	24	28	28	40	44	40	43	..
50	43	42	32	40	36	42	48	53	53	46	38	37	38	38	37	..
44	39	41	38	24	27	37	35	47	29	36	45	35	38	31	31	..
33	27	28	30	38	43	41	35	42	41	32	31	32	32	36	42	..
31	31	31	39	37	41	34	37	34	38	39	39	33	36	47	38	..
28	30	32	36	29	27	19	22	27	33	36	43	25	36	33	42	..
26	20	24	29	24	28	25	30	35	44	30	26	26	34	25	25	..
31	34	31	31	35	28	30	39	37	38	33	39	34	36	42	40	..
38	24	25	37	31	36	32	27	32	34	35	35	44	45	50	39	..
36	31	23	14	26	30	33	35	37	34	40	37	36	41	40	37	..
35	34	31	38	35	37	39	33	39	44	31	35	40	38	32	32	..
30	39	42	23	38	36	39	32	36	25	19	31	50	21	57	47	..
24	27	36	24	39	25	22	28	28	9	44	37	48	31	30	31	..
35	39	32	19	32	34	38	41	31	36	35	30	42	43	32	32	..
27	29	9	29	31	32	34	47	43	36	38	40	38	42	50	41	..
30	30	30	30	34	35	38	30	23	28	41	30	29	39	33	34	..
26	30	28	39	41	27	40	30	37	43	33	37	35	30	23	13	..
23	27	25	35	39	41	31	35	36	38	39	37	37	43	43	39	..
23	27	30	33	37	34	39	31	34	39	32	33	41	44	34	35	..
23	33	32	39	37	30	39	38	38	43	40	33	36	28	39	38	..
43	36	32	32	24	24	33	6	34	37	35	31	32	30	22	4	..
42	39	35	47	36	33	33	33	34	37	39	37	39	30	20	36	..
32	36	36	34	29	33	33	33	34	37	38	38	40	40	20	42	..
31	21	33	28	25	36	43	38	35	38	27	30	32	39	50	42	..
16	24	30	36	27	40	33	35	44	40	39	33	42	44	33	30	..
32	31	30	31	33	31	32	33	34	35	34	35	35	34	37	34	..

TABLE VII—DAILY MAXIMUM TEMPERATURES FOR JUNE  
At the Colorado Experiment Station, Fort Collins, Colorado.

Year.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1887	88	82	68	74	88	92	79	72	78	87	89	92	89	90
1888	67	74	81	78	73	78	88	73	76	79	88	82	86	74
1889	62	68	65	68	85	82	70	49	54	61	74	82	86	72
1890	85	84	74	65	71	63	67	75	77	81	82	86	73	81
1891	65	71	65	58	62	72	83	84	81	68	78	78	80	77
1892	71	82	77	50	65	74	81	85	84	81	78	69	68	81
1893	71	74	64	55	60	73	93	87	77	91	<b>95</b>	87	89	80
1894	71	75	76	85	59	75	76	65	70	84	87	87	85	78
1895	66	55	55	66	77	80	80	71	60	66	77	79	81	85
1896	64	79	87	71	71	69	76	84	88	90	77	84	89	<b>91</b>
1897				63	61	66	68	78	74	74	73	84	80	81
1898	84	88	66	54	86	65	72	67	69	72	72	76	80	73
1899	73	72	67	70	83	63	74	64	67	82	89	72	69	69
1900	66	77	78	72	79	86	99	85	84	61	76	81	74	77
1901	70	72	71	73	70	75	86	85	73	67	71	77	82	61
1902	83	74	79	85	84	86	55	80	94	94	77	79	85	88
1903	61	62	61	62	60	70	70	70	49	53	67	70	74	64
1904	67	69	54	59	65	77	82	65	64	78	74	73	66	76
1905	79	79	85	85	78	74	73	89	76	75	77	84	85	83
1906	66	70	66	76	80	64	62	76	82	82	80	80	82	80
1907	72	70	74	70	76	72	76	70	69	75	82	86	80	84
1908	68	68	82	71	74	73	70	75	77	78	86	76	65	74
1909	63	72	80	88	90	70	69	76	69	68	73	72	74	61
1910	79	85	84	71	75	73	85	85	76	74	77	71	78	85
1911	83	81	80	83	82	81	86	82	82	78	81	84	85	84
Average.....	72	74	71	76	73	74	80	75	74	76	79	80	79	77

NOTE—Extreme in bold faced type.

TABLE VIII—DAILY MAXIMUM TEMPERATURES FOR JULY  
At the Colorado Experiment Station, Fort Collins, Colorado.

Year.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1887	80	79	79	88	94	<b>97</b>	91	82	88	90	79	94	94	92
1888	84	87	89	94	90	97	83	79	87	95	<b>99</b>	95	90	89
1889	92	70	78	91	95	95	84	75	66	78	88	89	81	81
1890	85	86	80	86	88	92	90	90	89	85	86	90	<b>93</b>	78
1891	88	78	87	81	83	74	68	78	88	81	88	85	75	79
1892	87	76	74	84	90	91	71	69	79	89	85	85	86	<b>93</b>
1893	91	83	94	93	93	93	85	84	91	89	<b>95</b>	91	91	87
1894	83	90	79	71	73	73	80	89	91	<b>94</b>	<b>94</b>	82	74	80
1895	78	78	86	91	79	87	79	65	69	56	55	69	71	86
1896	91	89	79	83	89	92	81	85	89	91	93	93	<b>96</b>	90
1897	89	86	73	76	90	91	<b>95</b>	89	67	74	82	84	93	77
1898	71	69	76	85	86	88	90	85	85	84	87	79	83	85
1899	72	81	70	83	89	78	78	87	87	87	91	81	78	76
1900	80	87	85	74	84	91	82	83	92	91	92	<b>93</b>	90	<b>93</b>
1901	72	86	92	91	86	91	94	95	89	89	92	93	92	<b>97</b>
1902	76	86	79	72	71	78	82	79	63	76	86	88	85	94
1903	91	82	55	72	86	92	86	85	90	86	82	86	83	92
1904	79	73	73	77	71	56	70	80	86	84	86	86	82	85
1905	80	70	78	87	78	80	79	69	74	83	89	87	84	89
1906	81	62	70	76	79	75	69	66	74	76	75	80	76	74
1907	85	89	<b>94</b>	<b>94</b>	88	85	81	87	79	80	81	84	85	75
1908	64	73	<b>83</b>	<b>93</b>	78	66	81	89	92	85	76	82	78	78
1909	88	93	88	83	89	85	88	87	85	84	89	83	80	74
1910	83	80	86	89	78	83	91	88	61	79	74	80	82	93
1911	78	69	78	86	76	73	83	82	78	85	87	<b>88</b>	76	83
Average.....	82	80	80	84	84	84	82	82	82	84	82	82	84	85

NOTE—Extreme in bold faced type.



**TABLE VII—DAILY MAXIMUM TEMPERATURES FOR JUNE**  
At the Colorado Experiment Station, Fort Collins, Colorado.

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
90	88	90	91	94	82	83	83	87	90	96	93	93	79	73	80	..
..	..	..	..	79	69	71	74	75	75	85	83	89	97	94	89	..
68	77	81	82	82	64	73	80	82	84	86	81	86	90	85	90	..
85	78	85	88	86	89	85	88	92	92	92	86	84	82	84	85	..
71	59	73	78	77	79	72	87	79	74	76	78	77	77	71	80	..
77	67	74	82	83	86	81	77	77	69	82	78	86	85	78	76	..
82	85	91	94	94	92	87	91	91	80	88	85	88	92	74	84	..
74	72	86	89	83	79	81	82	81	77	80	86	72	83	89	91	..
86	81	67	68	73	78	77	86	80	85	67	77	64	61	76	76	..
90	90	84	85	89	82	80	80	78	79	62	81	85	76	83	85	..
88	77	78	76	85	85	87	90	84	69	69	76	78	85	80	85	..
83	88	88	85	86	83	90	92	88	88	90	76	89	97	80	87	..
78	84	90	96	89	85	83	74	85	77	88	82	88	92	95	95	..
82	88	80	84	85	91	93	90	87	89	91	94	89	94	88	93	..
62	74	78	69	74	84	80	84	90	92	94	85	84	90	89	89	..
62	80	77	74	77	54	77	87	99	96	83	92	72	61	68	75	..
70	71	35	84	83	69	71	67	81	64	76	82	87	92	86	86	..
74	76	77	74	79	73	69	76	80	73	64	74	81	87	83	85	..
83	66	77	74	69	80	67	87	81	80	73	86	92	89	78	82	..
85	70	80	75	76	70	85	82	53	64	76	82	83	84	83	87	..
86	72	78	75	76	75	77	82	74	77	68	67	81	86	88	84	..
72	83	82	85	81	87	92	82	74	83	80	88	83	71	79	80	..
87	78	71	69	84	81	79	83	88	89	81	88	94	94	86	83	..
86	77	85	86	90	90	89	87	90	68	78	82	84	85	82	78	..
72	62	72	76	84	30	81	81	78	86	85	79	74	84	86	83	..
78	78	80	81	82	77	80	83	83	80	80	82	83	85	82	84	..

**TABLE VIII—DAILY MAXIMUM TEMPERATURES FOR JULY**  
At the Colorado Experiment Station, Fort Collins, Colorado.

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
78	64	72	85	89	76	83	82	85	88	86	84	79	92	78	77	84
89	87	69	80	89	87	89	85	79	78	86	..	87	92	90	92	81
86	89	90	84	84	91	92	80	79	80	83	94	95	84	72	87	97
89	91	86	85	89	93	86	80	87	84	89	90	92	93	85	77	86
82	81	83	86	84	80	89	82	82	82	86	87	86	81	80	66	80
75	85	84	90	92	91	90	89	86	87	89	87	64	64	71	87	90
84	90	88	86	90	89	89	90	90	90	90	80	87	85	85	81	81
86	90	89	80	78	83	88	89	92	92	92	93	92	85	88	89	89
89	87	81	82	81	74	70	69	74	84	92	94	93	92	85	87	84
89	74	81	84	86	85	82	75	80	75	81	87	92	76	89	76	84
84	82	85	75	62	77	85	84	83	76	87	87	89	81	88	88	85
84	84	92	91	88	84	91	93	91	81	89	97	97	93	78	89	89
75	71	76	74	81	86	90	91	82	90	94	80	82	79	64	89	67
74	73	90	82	60	79	88	88	78	74	78	80	90	76	86	89	87
93	93	84	89	95	96	93	92	90	90	82	84	87	91	85	94	93
98	89	69	69	74	79	85	86	87	92	81	75	89	94	94	88	84
88	86	75	76	86	90	90	90	85	86	95	92	91	88	88	75	80
91	88	90	82	84	81	79	78	84	74	81	81	80	84	88	82	80
87	89	91	78	85	79	82	82	76	81	81	80	74	74	75	74	74
66	78	85	80	85	93	85	81	78	86	87	91	84	80	83	83	88
84	74	88	90	84	90	87	88	93	87	80	63	73	75	79	81	77
81	87	81	77	76	85	83	80	80	87	89	91	88	92	89	77	76
81	87	92	94	93	88	81	75	76	85	86	84	86	88	81	90	93
92	82	92	93	92	88	85	92	96	94	96	100	94	82	82	80	85
79	76	77	78	68	82	84	84	77	68	77	81	87	83	86	87	80
84	83	84	83	83	85	86	84	84	84	86	82	85	85	83	83	85

TABLE IX—DAILY MAXIMUM TEMPERATURES FOR AUGUST  
At the Colorado Experiment Station, Fort Collins, Colorado.

Year.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1887.....	90	92	95	89	75	82	<b>97</b>	84	86	87	83	83	87	84
1888.....	85	83	84	<b>88</b>	86	85	77	73	85	82	78	83	<b>88</b>	84
1889.....	78	86	84	<b>88</b>	94	<b>97</b>	90	89	70	79	84	89	81	84
1890.....	90	89	87	79	89	<b>95</b>	92	78	86	84	84	82	77	76
1891.....	81	78	87	90	88	90	89	88	84	90	83	92	<b>93</b>	83
1892.....	96	98	<b>99</b>	87	87	90	90	84	81	86	92	92	94	96
1893.....	79	79	87	85	87	88	87	77	82	79	88	88	<b>92</b>	86
1894.....	82	72	76	85	84	82	87	84	87	86	84	92	89	83
1895.....	83	81	82	87	84	82	87	89	76	83	90	93	86	73
1896.....	88	82	92	90	85	82	93	89	91	93	78	90	92	<b>94</b>
1897.....	86	82	74	69	82	87	79	83	86	77	86	89	87	90
1898.....	79	76	90	95	80	76	79	83	86	79	89	91	70	87
1899.....	79	83	74	80	81	83	92	89	88	85	85	85	85	85
1900.....	<b>94</b>	81	90	87	87	83	83	90	87	88	89	89	88	89
1901.....	<b>97</b>	81	77	76	85	83	80	87	88	90	78	89	88	89
1902.....	102	92	92	95	64	84	84	87	93	72	76	89	87	88
1903.....	82	88	94	<b>95</b>	82	81	91	90	76	<b>78</b>	76	78	86	87
1904.....	85	86	86	76	88	87	71	90	81	<b>91</b>	85	90	87	85
1905.....	80	83	84	88	78	80	85	86	87	87	74	75	85	83
1906.....	75	86	81	78	79	78	81	85	89	87	85	85	87	86
1907.....	78	78	80	84	88	91	90	91	<b>92</b>	90	80	87	87	88
1908.....	86	85	<b>93</b>	88	88	79	72	87	82	72	64	78	73	80
1909.....	89	84	85	89	<b>93</b>	88	87	83	88	88	86	89	88	88
1910.....	84	89	87	80	76	84	80	78	77	85	89	81	74	79
1911.....	80	80	78	78	82	83	87	<b>95</b>	85	77	76	82	88	89
Average.....	85	85	86	81	84	85	86	85	84	84	82	90	86	85

NOTE—Extreme in bold faced type.

TABLE X—MONTHLY MEAN DRY BULB TEMPERATURES  
At the Colorado Experiment Station, Fort Collins, Colorado.

DATE.	January		February		March		April		May		June	
	7 a m	7 p m	7 a m	7 p m	7 a m	7 p m	7 a m	7 p m	7 a m	7 p m	7 a m	7 p m
1888.....	11.7	.....	15.2	.....	30.9	.....	44.5	.....	48.5	.....	58.9	.....
1889.....	15.8	25.7	18.8	31.0	30.4	41.6	40.8	49.8	51.1	59.7	60.0	67.0
1890.....	13.6	21.6	14.8	19.5	23.4	29.6	40.5	49.6	52.5	55.3	59.0	63.4
1891.....	13.3	20.2	21.2	27.2	27.0	34.8	39.7	44.6	47.1	51.4	59.6	64.4
1892.....	22.4	30.9	17.4	27.4	26.3	37.3	38.4	44.9	49.2	54.7	62.4	69.1
1893.....	14.3	24.6	9.0	18.8	28.2	37.8	42.7	51.4	53.3	57.0	60.3	66.2
1894.....	16.2	22.9	11.8	21.8	25.8	34.6	44.2	51.4	50.8	56.4	57.5	60.8
1895.....	20.4	29.1	23.2	32.6	27.2	34.6	41.4	49.1	54.0	58.9	62.3	67.3
1896.....	12.0	22.4	16.9	28.1	25.3	32.6	41.9	46.8	56.2	59.5	60.4	63.9
1898.....	13.8	23.4	21.8	32.0	24.5	32.8	43.3	50.6	48.8	53.0	60.4	66.7
1899.....	16.6	24.3	1.6	10.6	24.2	29.9	40.3	47.8	49.7	56.8	60.0	66.8
1900.....	19.7	28.7	15.2	23.6	29.0	39.6	39.5	44.2	54.5	60.0	63.4	69.1
1901.....	16.9	27.6	13.9	24.2	28.9	35.8	39.5	45.9	54.0	59.3	60.1	66.5
1902.....	12.2	20.6	22.4	31.2	28.6	35.6	40.8	48.2	52.9	59.2	59.5	67.1
1903.....	20.8	28.8	5.7	11.0	23.2	31.7	41.1	46.9	49.1	56.2	57.8	62.4
1904.....	15.5	29.4	24.5	37.4	30.5	42.0	40.4	49.8	51.2	56.4	58.2	62.8
1905.....	19.5	24.6	10.6	22.2	33.6	42.4	37.5	44.8	48.1	53.7	60.2	66.7
1906.....	18.8	29.2	16.5	29.6	18.9	25.8	42.4	49.5	51.1	57.4	58.1	64.0
1907.....	18.2	25.1	24.9	35.6	33.8	46.4	37.1	44.4	46.6	50.6	58.5	63.8
1908.....	18.8	26.5	19.3	31.0	33.3	41.8	44.4	53.1	48.8	55.2	57.8	64.6
1909.....	22.1	28.0	19.5	26.5	29.0	35.2	37.7	43.8	49.2	54.5	60.2	65.3
1910.....	16.6	23.3	15.0	27.7	35.4	50.0	46.1	55.5	50.8	56.2	61.8	68.1
1911.....	21.9	32.5	17.4	25.8	33.0	44.6	41.1	48.9	51.9	60.3	64.3	69.4
Average...	17.0	25.9	16.4	26.1	28.3	37.1	41.1	48.2	50.8	56.4	60.0	65.7
Maximum..	22.4	32.5	24.9	37.4	35.4	50.0	46.1	55.5	56.2	60.3	64.3	69.4
Minimum..	11.7	20.2	1.6	10.6	18.9	25.8	37.1	44.2	46.6	51.4	57.5	60.8

TABLE IX—DAILY MAXIMUM TEMPERATURES FOR AUGUST  
At the Colorado Experiment Station, Fort Collins, Colorado.

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
86	86	90	87	85	80	85	88	59	59	73	77	83	85	73	85	77
72	68	72	83	80	81	77	80	85	86	88	83	81	78	82	85	83
88	88	90	89	90	78	82	84	89	93	84	90	92	90	85	83	90
86	67	80	68	56	79	81	80	84	74	76	76	82	82	85	88	78
83	86	84	84	84	83	66	74	89	88	82	63	65	80	82	83	88
96	97	88	76	82	77	80	71	78	82	85	86	85	58	73	84	87
82	83	87	89	90	76	86	84	89	80	88	51	72	77	84	82	70
89	88	91	87	85	84	85	80	89	83	82	82	84	89	87	88	88
90	93	94	74	78	88	93	87	83	85	90	91	67	67	81	86	76
92	84	85	80	84	90	74	60	74	83	79	79	86	86	85	79	83
76	85	81	77	79	83	77	33	81	91	94	77	83	84	79	88	91
95	82	36	92	92	93	96	91	77	89	92	91	93	83	96	94	90
91	80	82	84	82	86	91	85	78	84	91	92	89	95	87	71	85
84	88	87	87	87	86	84	82	78	71	81	86	84	89	91	91	86
88	82	89	86	86	80	84	87	86	88	89	59	87	84	85	75	84
92	92	93	88	91	88	85	86	70	84	84	77	81	80	82	80	82
82	87	88	85	88	91	92	85	87	82	78	85	79	79	82	88	94
87	83	79	80	87	85	62	79	87	87	72	86	86	80	79	80	83
87	79	93	83	84	91	90	91	88	84	87	90	90	91	90	84	89
89	92	90	91	81	85	86	87	74	81	75	70	82	86	85	77	78
87	87	90	82	64	69	74	86	86	87	84	82	76	82	75	77	75
78	79	76	79	65	71	75	61	76	83	86	77	80	87	87	87	72
93	92	77	78	83	82	90	89	92	78	92	89	86	67	78	82	85
85	75	61	81	93	90	92	92	87	84	64	85	89	88	92	69	83
93	85	82	88	84	87	74	65	72	64	78	86	68	81	86	89	91
87	84	85	80	83	83	82	81	81	82	83	83	82	82	84	83	84

TABLE X—MONTHLY MEAN DRY BULB TEMPERATURES  
At the Colorado Experiment Station, Fort Collins, Colorado.

July		August		September		October		November		December		Year	
7 a m	7 p m	7 a m	7 p m	7 a m	7 p m	7 a m	7 p m	7 a m	7 p m	7 a m	7 p m	7 a m	7 p m
...	...	...	...	51.2	...	40.0	...	33.6	...	20.4	...	...	...
63.4	72.9	61.1	72.1	47.9	60.0	38.7	49.5	23.8	30.2	29.4	...	34.7	39.5
66.8	73.0	69.6	66.6	51.8	60.3	36.2	47.4	25.8	35.8	23.2	31.2	40.1	49.1
63.7	68.2	62.2	66.7	52.6	60.3	37.5	48.1	27.6	34.2	21.1	26.5	39.0	45.3
65.5	68.9	62.7	67.4	54.5	62.5	37.8	45.6	28.2	36.8	16.0	22.3	39.4	45.5
66.3	73.0	60.7	67.7	53.0	60.5	37.9	47.1	24.2	32.4	24.8	31.4	40.2	48.0
65.5	70.3	62.5	67.8	50.7	58.3	41.9	49.5	28.5	38.9	16.1	22.4	39.4	46.9
61.7	65.4	61.6	66.4	52.2	60.0	37.1	45.3	28.8	32.4	18.0	27.3	38.3	45.4
66.7	70.1	63.6	68.6	52.3	65.5	38.3	46.0	19.9	30.0	21.0	32.3	40.9	47.9
62.9	66.9	60.9	65.3	56.1	61.8	38.5	45.4	26.2	35.4	17.5	23.7	39.6	45.8
64.2	71.8	62.5	71.2	47.5	57.1	37.7	44.5	27.8	37.8	20.2	24.3	38.4	45.9
63.0	67.2	62.3	67.0	52.8	59.3	37.3	43.4	29.1	37.4	19.2	19.6	38.1	44.6
62.6	69.7	61.6	68.6	51.0	58.2	39.5	48.6	26.7	35.9	20.8	28.9	40.2	47.9
68.3	74.0	64.2	68.3	50.6	58.3	39.0	46.8	26.7	36.5	20.3	28.0	40.2	47.6
62.4	68.2	63.7	68.3	47.8	56.9	38.1	47.3	25.1	34.8	18.8	24.3	39.4	46.8
64.2	69.8	61.8	68.9	47.0	55.8	37.4	49.1	24.4	33.4	23.0	30.0	39.8	45.3
63.6	67.2	61.1	67.5	50.5	58.0	35.3	45.4	24.0	33.2	23.3	30.0	39.8	48.3
63.1	66.8	61.9	67.8	49.1	58.3	30.7	40.6	25.8	37.3	23.3	23.6	37.8	45.7
62.4	66.5	61.3	65.3	51.5	57.7	37.0	44.2	25.5	33.0	25.3	33.6	39.1	46.2
64.0	68.4	61.8	67.0	51.3	58.0	37.2	47.8	20.4	30.2	22.8	27.1	39.7	47.1
63.4	67.5	61.1	64.1	52.6	59.7	37.5	45.7	22.6	27.6	18.2	22.8	39.8	46.6
64.3	71.0	64.2	69.2	51.3	56.7	40.4	47.8	30.4	35.3	12.6	17.2	40.1	45.9
68.3	72.3	61.8	67.5	53.2	60.6	40.2	48.1	30.7	38.7	22.2	21.2	41.8	49.9
62.9	69.2	60.4	68.8	54.6	62.2	38.3	45.4	24.6	30.7	13.1	21.7	40.3	48.3
64.3	69.5	62.0	67.7	51.4	59.0	37.9	46.5	25.5	33.7	19.7	26.7	39.5	46.9
68.3	74.0	64.2	72.1	56.1	62.5	41.9	49.5	30.7	38.9	29.4	34.7	41.8	49.9
61.7	65.4	60.4	64.1	47.0	55.8	30.7	40.6	19.9	27.6	12.6	17.6	37.8	44.6

TABLE XI—MONTHLY MEAN WET BULB TEMPERATURES  
At the Colorado Experiment Station, Fort Collins, Colorado.

DATE.	January		February		March		April		May		June	
	7 a m	7 p m	7 a m	7 p m	7 a m	7 p m	7 a m	7 p m	7 a m	7 p m	7 a m	7 p m
1888.....	...	...	...	...	...	...	...	...	...	...	...	...
1889.....	9.9	...	13.4	...	28.7	...	39.1	...	43.3	...	53.0	...
1890.....	13.9	21.5	16.8	25.0	26.2	32.4	36.4	40.8	45.5	48.0	51.8	53.3
1891.....	12.4	19.3	12.9	17.8	21.9	26.6	35.7	40.4	47.6	48.0	53.8	55.9
1892.....	11.5	17.6	19.8	24.9	24.4	29.9	34.7	36.5	42.4	44.4	53.3	56.3
1893.....	18.1	24.8	14.7	22.3	22.7	30.2	32.3	34.7	42.2	44.8	52.6	55.1
1894.....	12.0	19.7	7.0	15.5	24.4	29.8	36.2	39.9	45.6	48.0	52.6	53.2
1895.....	14.6	19.6	10.0	18.2	22.8	27.9	37.3	39.8	44.4	45.9	52.1	52.8
1896.....	17.5	23.1	20.0	25.7	24.0	28.9	35.3	38.8	44.7	45.5	55.4	56.9
1897.....	10.5	17.7	15.6	24.0	23.6	27.8	37.1	38.3	49.9	51.0	54.9	55.4
1898.....	12.4	20.2	19.6	26.7	21.9	26.4	36.8	39.7	44.7	45.9	53.9	55.9
1899.....	14.1	20.8	0.8	9.1	21.9	26.4	34.2	37.4	43.4	45.1	51.8	53.7
1900.....	17.8	24.6	13.4	20.5	27.1	33.4	37.0	39.9	48.4	50.6	56.2	57.8
1901.....	14.4	22.6	12.6	20.6	25.0	29.6	35.7	37.9	48.0	50.3	53.9	56.6
1902.....	11.0	17.7	20.2	26.4	25.5	29.4	36.0	39.1	47.0	49.1	53.8	55.0
1903.....	18.0	34.9	4.9	9.7	22.0	29.0	35.9	38.6	44.2	46.2	53.5	55.8
1904.....	13.5	34.0	20.7	30.0	26.8	34.4	34.9	39.6	45.5	48.7	53.6	55.1
1905.....	13.3	22.4	9.9	19.4	31.0	36.6	34.8	39.2	43.9	47.0	54.8	58.6
1906.....	16.2	23.3	14.2	23.7	17.6	22.8	37.8	40.9	45.0	47.9	51.6	55.1
1907.....	16.6	22.2	22.3	29.0	29.4	35.6	32.4	36.5	42.0	43.7	51.0	53.3
1908.....	15.8	21.6	16.2	25.1	27.4	32.2	35.9	39.8	42.8	45.0	51.2	53.8
1909.....	19.9	24.6	17.1	22.9	26.7	32.0	22.8	36.0	42.1	43.6	54.4	56.9
1910.....	14.1	19.3	12.8	21.9	29.2	37.0	37.0	41.0	44.8	47.4	54.2	55.4
1911.....	19.0	26.5	15.6	21.2	28.6	35.2	35.2	38.4	44.2	47.5	55.2	57.5
Average....	14.8	21.7	14.4	21.8	25.2	30.6	35.7	38.8	44.3	47.0	53.4	55.4
Maximum..	19.9	24.9	22.3	30.0	31.0	37.0	39.1	41.0	49.9	51.0	56.2	58.6
Minimum..	9.9	17.6	0.8	9.1	17.6	22.8	32.3	34.7	42.0	43.6	51.0	52.8

TABLE XII—MONTHLY MEAN, MAXIMUM AND MINIMUM  
TEMPERATURES

At the Colorado Experiment Station, Fort Collins, Colorado.

DATE.	January		February		March		April		May		June	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1887.....	34.0	10.8	41.8	10.3	60.4	25.1	60.7	32.1	75.3	42.6	85.3	52.3
1888.....	42.7	10.0	52.6	25.2	52.0	20.7	73.3	40.6	66.2	41.6	79.4	51.3
1889.....	38.7	10.5	40.2	13.0	56.6	27.7	63.5	36.0	65.7	40.5	75.6	46.1
1890.....	39.8	9.6	45.0	15.0	52.9	23.2	60.0	33.1	71.2	41.0	81.2	46.8
1891.....	35.4	8.9	31.8	7.7	41.2	19.7	61.4	31.9	68.6	41.1	74.4	47.5
1892.....	35.1	7.1	39.2	16.4	45.5	21.9	58.6	29.4	61.1	38.9	76.4	46.5
1893.....	49.4	15.8	41.5	12.3	50.2	20.1	57.0	28.3	66.8	37.8	83.3	47.2
1894.....	39.4	8.4	33.7	3.7	52.4	22.5	64.6	32.1	71.6	42.8	79.3	47.1
1895.....	37.0	10.9	35.2	7.0	48.6	19.9	66.2	32.1	68.3	38.9	73.6	44.9
1896.....	49.0	16.1	49.2	17.7	46.2	21.8	62.8	30.5	72.8	41.2	81.0	49.6
1897.....	40.2	9.3	40.9	14.2	44.8	19.9	59.5	32.0	73.6	42.7	77.6	48.2
1898.....	40.7	10.6	50.6	17.6	44.8	17.5	64.5	30.8	62.7	40.4	79.8	48.2
1899.....	39.0	10.4	25.3	5.4	41.6	17.9	60.5	28.9	69.5	38.0	79.8	47.4
1900.....	46.7	15.2	37.8	10.7	53.9	24.3	54.5	31.3	72.4	43.2	83.4	50.7
1901.....	43.8	12.6	38.4	9.4	48.1	21.2	56.9	31.1	71.1	42.8	78.3	48.3
1902.....	39.2	9.1	45.5	—	48.0	22.5	61.0	30.4	70.5	41.7	79.0	48.2
1903.....	44.2	16.4	28.2	-0.1	42.8	18.4	59.4	31.2	68.0	36.6	71.6	47.0
1904.....	42.7	9.4	50.4	20.2	54.7	24.4	61.0	31.3	66.2	41.2	73.5	46.4
1905.....	37.9	12.6	36.0	6.8	55.2	29.2	55.4	31.5	63.7	40.5	79.5	50.0
1906.....	49.0	12.8	48.2	12.7	36.5	13.5	60.0	34.2	69.0	40.9	76.4	47.2
1907.....	39.3	12.4	50.9	20.0	59.2	27.3	56.0	29.1	60.8	37.0	76.7	45.2
1908.....	44.4	12.0	49.0	13.3	56.4	24.2	65.1	30.6	65.5	38.3	76.4	46.5
1909.....	42.2	16.8	43.7	14.0	45.6	22.9	54.6	28.9	65.7	37.9	79.3	49.4
1910.....	40.0	10.5	42.3	10.7	65.6	28.5	67.3	33.1	66.8	40.6	80.0	49.0
1911.....	45.0	18.0	39.3	13.9	57.1	26.1	60.5	32.2	70.7	41.2	81.3	51.0
Average....	41.4	11.9	41.5	12.2	50.5	22.5	61.0	31.7	68.1	40.4	78.5	48.1
Maximum..	49.4	18.0	52.6	25.2	65.6	29.2	73.3	40.6	75.3	43.2	85.3	52.3
Minimum..	34.0	7.1	25.3	-5.4	36.5	13.5	54.5	28.3	60.8	36.6	71.6	44.9

**TABLE XI—MONTHLY MEAN WET BULB TEMPERATURES**  
**At the Colorado Experiment Station, Fort Collins, Colorado.**

July		August		September		October		November		December		Year	
7 a m	7 p m	7 a m	7 p m	7 a m	7 p m	7 a m	7 p m	7 a m	7 p m	7 a m	7 p m	7 a m	7 p m
57.7	61.3	55.4	58.5	46.6	41.6	46.8	35.7	41.2	22.6	18.6	29.3	35.4	35.4
59.5	61.6	55.5	57.7	44.4	48.3	32.5	34.9	41.2	21.3	27.2	25.9	29.3	35.5
57.9	60.3	56.8	57.9	48.0	51.0	32.6	38.0	38.8	23.4	30.1	20.6	26.7	38.9
59.1	60.1	55.1	56.0	47.0	49.1	34.1	38.6	24.6	30.1	14.0	19.6	35.0	38.6
59.0	58.4	54.6	56.5	45.3	47.6	32.4	37.2	20.7	26.4	21.2	26.9	34.6	38.4
57.6	59.2	56.2	57.5	45.0	48.2	35.5	39.2	24.8	31.4	14.3	19.5	34.3	38.7
56.2	57.6	56.0	57.9	46.1	48.4	33.6	37.8	20.6	26.3	15.4	22.5	34.1	37.9
60.7	60.8	56.8	57.8	43.7	50.8	34.8	38.8	17.4	24.0	19.0	26.8	36.2	39.8
57.0	58.3	56.6	57.8	51.5	53.5	35.4	39.3	23.8	28.9	15.4	20.0	35.9	39.3
57.2	59.7	56.0	57.9	42.2	46.8	31.9	36.1	20.5	24.2	11.4	16.6	34.1	38.0
57.5	59.6	55.4	57.0	46.5	49.8	34.2	38.0	26.5	31.9	17.3	20.9	33.6	36.8
56.4	59.4	54.3	56.6	46.4	49.8	35.0	40.4	23.2	29.1	17.2	23.1	36.0	40.4
61.6	62.0	58.1	59.6	46.3	48.5	35.5	39.9	24.6	30.4	17.9	24.5	36.1	40.2
56.1	58.7	56.3	57.2	42.9	47.8	35.4	41.6	23.4	29.6	16.9	21.9	35.4	39.5
58.1	60.2	57.3	59.5	43.4	48.4	34.4	40.6	22.7	30.0	19.5	24.9	34.5	39.0
57.8	59.4	55.8	59.2	46.3	51.7	32.7	40.0	20.5	27.4	20.7	26.1	35.7	41.3
57.4	58.4	56.7	59.5	44.7	50.4	28.2	35.3	23.9	31.8	11.8	19.2	34.6	39.8
56.7	58.9	56.6	58.1	48.6	52.6	33.5	38.7	23.5	29.4	23.2	29.1	35.3	40.0
58.4	60.6	56.2	57.9	46.7	49.8	34.8	41.2	19.0	26.1	19.8	23.3	35.7	40.0
57.6	59.6	56.5	59.2	47.4	51.6	33.7	38.8	20.8	24.6	16.5	20.7	35.2	39.3
59.3	62.9	59.2	61.1	46.8	51.7	35.1	39.4	27.5	31.0	11.1	15.3	36.0	39.8
58.9	60.0	55.5	57.6	49.2	51.8	35.3	41.2	28.1	33.5	20.0	26.6	36.6	41.1
56.5	58.8	54.0	57.0	48.2	61.2	34.2	38.4	21.2	25.9	12.0	18.4	35.3	39.7
58.0	59.8	56.1	58.0	46.2	49.8	34.0	39.1	22.9	28.6	17.4	22.8	35.2	39.4
61.6	62.9	59.2	61.1	51.5	53.5	35.7	42.2	28.1	33.5	25.9	29.3	36.6	41.3
56.1	57.6	54.0	56.0	41.6	46.8	28.2	35.3	17.4	24.0	11.1	15.3	33.6	36.8

**TABLE XII—MONTHLY MEAN, MAXIMUM AND MINIMUM TEMPERATURES**

**At the Colorado Experiment Station, Fort Collins, Colorado.**

July		August		September		October		November		December		Year	
Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
84.2	54.4	83.0	51.3	79.6	46.7	64.9	31.4	54.0	23.2	43.4	15.7	64.3	33.0
87.4	58.2	81.4	51.7	78.9	43.0	64.4	36.4	48.6	24.7	48.8	17.8	64.6	35.1
84.8	51.7	86.4	52.2	74.7	39.8	64.8	36.1	44.8	19.4	51.4	22.8	62.3	33.0
87.1	55.2	80.9	51.2	77.0	39.6	63.8	31.0	54.9	21.3	49.6	18.3	63.6	32.1
82.0	51.9	83.0	49.6	78.0	44.2	67.1	30.3	48.5	21.7	41.3	16.0	59.4	30.9
83.4	53.0	86.2	48.4	82.7	42.1	63.9	31.5	52.0	22.9	36.8	9.3	60.1	30.6
88.0	53.4	83.0	50.5	78.7	41.3	65.7	31.7	49.7	17.4	47.2	20.0	63.4	31.3
85.4	52.8	85.0	51.6	76.3	41.5	68.5	54.2	57.8	23.3	40.4	10.9	62.9	30.9
79.2	51.4	83.8	51.3	80.1	41.9	63.9	29.8	48.4	19.0	43.2	14.0	60.6	29.3
84.8	55.6	85.1	53.0	72.8	44.8	64.6	31.4	45.1	16.6	49.1	19.0	63.6	33.1
83.2	50.4	82.3	51.4	80.0	47.4	64.8	32.2	51.0	20.2	39.0	11.8	61.4	31.6
85.1	53.0	87.6	52.2	78.3	38.8	61.0	31.5	44.5	16.1	37.9	9.3	61.7	30.5
81.3	52.6	84.2	51.9	80.3	42.4	60.2	31.9	56.6	24.9	42.6	12.7	60.1	29.5
83.7	52.1	86.4	49.5	73.9	43.2	67.6	32.8	53.1	21.6	47.3	16.0	63.4	32.6
90.1	54.9	85.0	52.9	75.4	42.7	66.6	32.9	56.8	23.1	40.4	15.1	62.6	32.2
82.5	49.5	85.1	52.3	74.1	39.5	64.5	33.2	49.6	22.6	39.8	14.3	61.6	31.8
84.8	52.1	85.0	51.2	74.2	39.4	67.2	31.9	53.2	19.0	49.0	15.6	60.6	29.9
80.5	50.8	82.8	51.2	76.1	42.4	66.4	31.3	59.7	19.8	47.9	15.9	63.5	32.0
80.3	51.0	85.3	51.2	79.1	41.8	60.3	26.8	53.7	22.0	45.1	8.9	61.0	31.0
78.9	51.0	83.3	51.0	73.0	44.3	62.1	30.5	46.0	21.1	48.1	21.5	60.9	31.7
83.2	52.4	82.8	51.0	75.2	42.2	67.6	32.2	49.6	16.2	45.3	15.6	62.2	31.7
82.3	52.8	78.9	52.0	79.3	44.4	61.3	31.6	49.0	15.2	37.7	11.9	62.1	31.1
85.7	55.0	85.6	54.7	73.7	44.0	66.5	32.2	50.9	24.6	30.6	5.6	60.3	32.2
86.6	55.0	82.4	52.0	76.8	46.3	69.0	33.9	54.0	26.4	44.6	17.7	64.6	33.6
79.9	52.8	81.7	50.7	77.4	46.2	59.3	31.4	47.0	17.4	37.8	9.4	61.4	32.5
83.8	52.9	83.9	51.4	77.0	42.8	64.6	32.0	51.1	20.8	43.4	14.6	62.1	31.7
90.1	58.2	87.6	54.7	82.7	47.4	69.0	36.4	59.7	26.4	51.4	22.8	64.6	35.1
78.9	49.5	78.9	48.4	72.8	38.8	69.3	26.8	44.5	15.2	30.6	5.6	59.4	29.3

TABLE XIII—NORMAL DAILY TEMPERATURES FOR TWENTY-FIVE YEARS, 1887-1911  
At the Colorado Experiment Station, Fort Collins, Colorado.

Date.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1.	25.4	22.2	32.8	41.3	48.6	56.1	67.2	68.4	66.2	57.3	41.5	34.2
2.	22.9	22.6	35.7	41.8	47.1	57.5	66.0	68.6	63.7	55.4	39.6	31.8
3.	25.9	24.5	31.7	42.0	47.9	56.2	65.1	68.6	64.3	53.5	29.0	29.0
4.	28.8	23.1	31.5	42.2	46.5	57.9	66.7	68.8	63.6	52.4	42.4	31.4
5.	29.0	24.3	31.6	43.4	49.1	59.7	67.9	68.2	63.5	51.4	41.0	31.7
6.	26.5	25.3	34.7	44.9	51.2	59.7	68.3	68.2	63.7	52.3	40.0	30.7
7.	26.1	23.3	36.9	46.0	53.7	61.6	67.8	68.5	63.5	52.6	39.9	29.5
8.	25.3	23.3	38.7	44.4	54.0	61.8	67.7	68.0	61.7	50.2	36.1	30.1
9.	26.4	23.8	36.7	46.5	54.2	61.8	67.7	68.0	60.4	51.6	34.7	30.8
10.	25.5	24.8	34.6	47.7	53.7	60.4	67.7	68.0	60.8	50.8	34.7	32.1
11.	23.4	24.6	36.0	46.5	53.7	62.8	69.3	68.0	59.5	49.6	35.0	31.1
12.	25.1	24.6	35.1	43.7	53.3	60.5	69.3	69.0	59.7	49.6	32.0	31.2
13.	26.6	25.8	34.1	44.3	53.3	61.2	69.3	69.0	60.4	49.4	32.3	28.3
14.	23.3	25.9	34.2	45.3	53.9	60.3	70.1	68.2	60.6	49.8	33.3	27.3
15.	25.5	25.2	33.7	44.5	54.5	60.3	68.0	70.5	60.1	49.9	35.3	27.0
16.	26.3	25.8	37.1	46.2	55.2	62.9	68.6	68.5	58.3	48.2	35.3	27.9
17.	27.2	28.2	37.3	44.9	55.0	61.4	68.7	68.5	58.3	47.7	32.3	26.4
18.	29.0	29.0	39.7	45.5	55.0	63.7	68.7	68.5	58.3	47.0	32.3	27.6
19.	27.7	27.7	37.0	46.8	55.7	63.7	68.0	68.5	58.3	47.0	32.3	27.6
20.	30.2	27.7	37.0	47.6	55.7	63.7	68.0	68.5	58.3	47.0	32.3	27.6
21.	29.3	28.5	38.6	46.6	55.7	63.7	68.0	68.5	58.3	47.0	32.3	27.6
22.	28.4	28.4	38.0	47.6	55.7	63.7	68.0	68.5	58.3	47.0	32.3	27.6
23.	28.4	28.4	38.6	46.6	55.7	63.7	68.0	68.5	58.3	47.0	32.3	27.6
24.	26.3	29.1	37.1	49.3	55.6	62.1	68.4	66.9	58.0	43.4	32.7	29.0
25.	28.0	29.0	39.2	49.9	57.0	65.7	68.4	66.9	58.0	43.4	32.7	29.0
26.	28.0	30.7	40.2	49.9	57.0	65.7	68.6	65.7	58.0	43.5	32.6	28.3
27.	26.9	33.0	38.3	49.5	56.8	63.1	68.1	65.7	58.1	46.5	33.3	28.3
28.	26.9	33.0	38.3	49.5	56.8	63.4	68.3	65.6	58.4	46.0	33.6	28.8
29.	27.1	32.7	37.3	51.8	56.5	63.4	68.3	65.6	58.2	46.9	33.4	28.8
30.	27.9	32.3	37.7	51.7	56.5	63.9	68.9	65.0	58.0	43.9	33.3	28.7
31.	28.4	32.4	38.6	50.7	57.2	63.9	68.9	65.0	58.1	43.9	33.3	28.7
32.	28.0	34.3	38.9	47.6	56.2	67.5	68.0	66.4	58.7	44.7	31.3	26.4
33.	27.1	32.3	38.3	47.1	56.2	67.1	68.2	66.1	58.5	44.2	31.3	26.3
34.	27.8	32.3	38.9	47.1	57.9	68.1	68.4	66.0	56.7	43.4	34.3	28.0
35.	27.8	32.3	38.9	47.1	57.9	68.1	68.4	66.0	56.7	43.4	34.3	28.0
Averages.....	26.9	27.1	36.5	46.3	53.9	62.4	68.3	67.6	59.9	48.3	35.7	29.0

**TABLE XIV—MONTHLY MEAN TEMPERATURE**  
At the Colorado Experiment Station, Fort Collins, Colorado.

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1887.....	25.7	23.7	39.8	45.2	57.7	68.1	68.4	65.6	60.4	46.0	38.2	29.7	47.1
1888.....	22.2	37.1	37.4	55.3	54.4	68.1	72.8	66.6	61.4	49.2	33.0	31.3	49.0
1889.....	23.2	25.6	41.6	50.6	54.1	63.5	68.1	66.6	52.9	44.1	27.0	32.1	45.8
1890.....	24.7	40.0	38.0	46.5	58.0	64.0	71.1	66.1	58.3	47.4	38.1	37.8	49.1
1891.....	22.2	19.8	30.5	46.6	54.8	60.9	66.9	66.3	61.1	48.7	35.1	28.7	45.1
1892.....	21.1	27.8	33.7	44.0	50.0	61.7	68.2	67.3	62.4	47.7	37.4	23.0	45.4
1893.....	32.6	26.9	35.2	42.7	52.3	65.3	70.7	66.8	60.0	48.7	33.6	33.6	47.3
1894.....	23.9	18.7	37.4	48.3	57.2	63.2	69.1	68.3	48.9	51.3	40.5	25.6	46.9
1895.....	23.9	21.1	34.2	49.2	53.6	59.2	65.3	67.6	61.0	46.9	33.7	28.6	45.4
1896.....	32.6	33.4	34.0	46.6	57.0	65.3	70.2	69.0	58.8	48.0	30.8	34.0	48.3
1897.....	24.8	27.6	32.3	45.8	58.1	63.1	66.8	66.8	63.7	48.5	35.6	25.4	46.6
1898.....	25.6	34.1	32.7	47.7	51.6	61.0	69.0	69.9	58.6	46.3	30.3	23.6	46.1
1899.....	24.7	9.9	29.7	44.7	53.8	63.6	67.0	67.6	61.4	46.1	40.8	27.7	44.7
1900.....	30.9	24.2	39.1	42.9	57.8	67.1	67.9	68.0	58.6	50.2	37.4	31.6	48.0
1901.....	28.2	23.9	34.7	44.0	57.0	63.3	72.5	69.0	59.0	49.7	40.0	27.7	47.4
1902.....	24.2	32.0	35.3	45.7	56.1	63.6	66.0	68.7	56.8	48.8	36.1	27.1	46.7
1903.....	30.3	14.0	30.6	45.3	52.2	59.3	68.5	68.1	56.8	49.6	36.1	32.3	45.3
1904.....	26.1	35.3	39.6	46.2	53.7	59.9	65.6	67.0	59.2	48.9	39.7	31.9	47.8
1905.....	25.2	21.4	42.2	43.4	52.1	64.8	65.7	68.2	60.5	43.6	37.8	27.0	46.0
1906.....	30.9	30.5	25.0	47.1	55.0	61.8	64.9	67.2	58.7	46.3	33.6	34.8	46.3
1907.....	25.9	35.4	43.3	42.5	48.9	60.9	67.8	66.9	58.7	49.9	32.9	30.5	47.0
1908.....	28.2	31.1	40.3	47.8	51.9	61.4	67.6	65.5	61.8	46.4	32.1	24.8	46.6
1909.....	29.5	28.8	34.8	41.8	51.8	64.3	70.4	70.2	58.9	49.4	37.8	18.1	46.3
1910.....	25.3	26.5	47.1	50.2	53.7	64.6	70.8	67.2	61.5	51.5	40.2	31.2	49.1
1911.....	31.5	26.6	41.6	46.3	55.6	66.2	66.3	66.2	61.8	45.3	32.2	23.6	47.0
Average...	26.5	26.6	36.4	46.3	54.3	63.5	68.3	67.5	59.7	47.9	35.6	28.9	46.8
Maximum...	32.6	37.1	47.1	55.3	58.1	68.1	72.8	70.2	63.7	51.5	40.8	37.8	49.1
Minimum...	21.1	9.9	25.0	42.5	48.9	59.2	64.9	65.5	53.9	43.6	27.0	18.1	44.7

**TABLE XV—MONTHLY MEAN CALORIES OF THE SUN'S HEAT,**  
AT NOON

At the Colorado Experiment Station, Fort Collins, Colorado.

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1893.....	..	..	..	..	..	..	..	..	..	..	10.9	9.3	....
1894.....	11.6	13.4	12.8	11.1	6.7	7.9	7.4	6.6	6.1	6.2	3.1	11.3	8.7
1895.....	10.8	12.8	12.2	10.2	10.8	8.6	9.3	8.6	10.3	10.5	10.0	9.5	10.3
1896.....	9.6	11.3	12.7	11.6	9.4	10.7	9.6	10.7	10.5	11.0	11.3	8.7	10.6
1897.....	11.4	10.9	12.3	10.9	9.2	9.7	10.1	9.6	11.6	9.4	10.2	10.3	10.4
1898.....	9.2	10.0	10.3	10.3	9.9	10.2	10.0	10.6	10.8	10.0	11.1	10.7	10.2
1899.....	11.6	16.3	11.2	11.6	10.0	9.9	8.5	10.0	10.8	8.0	8.4	8.3	10.4
1900.....	10.4	11.9	10.2	10.7	8.9	9.3	8.6	9.4	11.9	10.2	7.9	10.4	10.0
1901.....	10.2	11.4	12.2	11.0	10.0	7.6	10.6	10.7	10.8	10.9	11.6	9.9	10.6
1902.....	12.2	11.2	8.9	9.7	11.2	9.6	10.1	9.0	9.9	9.9	9.6	9.4	10.0
1903.....	9.3	15.1	11.4	10.8	11.0	8.9	9.0	10.8	9.4	9.9	9.2	9.1	10.3
1904.....	9.3	9.6	9.9	10.9	9.2	10.3	8.9	9.9	11.3	10.9	10.2	8.5	9.9
1905.....	8.5	11.5	8.7	8.4	8.4	9.8	9.7	11.1	9.6	9.8	10.0	6.3	9.3
1906.....	9.0	9.6	13.6	10.2	10.1	11.0	8.7	9.2	8.5	12.3	12.0	7.4	10.1
1907.....	8.7	10.1	10.7	9.9	8.1	10.1	9.3	9.8	9.1	8.4	9.8	8.6	9.4
1908.....	9.7	10.1	10.7	10.2	11.3	9.1	10.4	9.2	..	..	..	10.9	..
1909.....	8.3	11.3	10.7	9.1	8.2	8.8	10.6	8.8	10.1	11.4	6.4	9.1	9.4
1910.....	9.4	9.5	10.0	10.3	10.4	10.0	10.2	9.6	9.0	9.6	7.5	9.5	9.6
1911.....	8.6	9.5	11.0	9.5	11.0	10.2	9.0	10.2	9.7	10.6	10.6	10.5	10.0
Average...	9.9	11.4	11.1	10.4	9.7	9.5	9.4	9.7	10.0	9.9	9.4	9.4	10.0
Maximum...	12.2	16.3	13.6	11.6	11.3	11.0	10.6	11.1	11.9	12.3	12.0	11.3	10.6
Minimum...	8.3	9.5	8.7	8.4	6.7	7.6	7.4	6.6	6.1	6.2	3.1	6.3	8.7

## THE COLORADO EXPERIMENT STATION.

TABLE XVI—EXTREME MONTHLY MAXIMUM AND MINIMUM TEMPERATURES

At the Colorado Experiment Station, Fort Collins, Colorado.

YEAR.	January		February		March		April		May	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1887	58.0	-19.0	70.0	-8.0	80.0	8.0	83.0	16.0	90.0	24.0
1888	71.0	-28.0	68.0	14.0	79.0	3.0	91.0	30.0	84.0	30.0
1889	58.0	-3.5	62.0	-16.0	67.8	-17.0	79.0	24.0	81.0	31.0
1890	65.6	-13.0	68.3	-20.0	70.1	-9.0	78.0	13.8	85.0	29.1
1891	48.9	-16.3	46.5	-15.0	66.0	-4.1	81.9	12.9	84.6	21.3
1892	61.2	-28.4	55.1	-15.0	66.0	-4.1	81.9	12.9	84.6	31.2
1893	67.3	-2.2	66.7	-10.0	78.3	-1.9	78.9	7.6	88.7	23.1
1894	68.3	-22.0	54.6	-15.3	73.0	9.9	79.0	16.4	85.9	27.1
1895	57.2	-9.6	62.2	-27.8	80.2	-18.0	78.7	17.0	90.0	28.6
1896	67.8	-7.6	68.1	3.9	75.8	-6.8	80.0	7.0	88.3	31.0
1897	64.0	-26.0	59.5	-5.3	65.3	-7.0	77.2	20.0	82.3	31.6
1898	61.5	-11.8	63.7	6.7	66.3	-6.2	86.2	14.5	81.8	29.6
1899	55.0	-16.8	50.8	-38.4	65.7	-24.5	78.0	8.0	82.5	23.4
1900	63.0	-6.0	58.0	-23.4	76.9	9.7	73.9	5.1	84.7	29.8
1901	61.8	-21.7	63.0	-14.7	71.9	-7.5	81.8	8.7	82.9	31.1
1902	62.2	-31.4	63.0	-23.0	63.9	2.0	79.8	18.0	85.9	29.6
1903	61.3	1.0	46.0	-28.0	66.2	-10.0	78.2	12.8	85.1	27.4
1904	65.0	-7.0	69.0	3.0	70.0	10.0	79.8	14.1	82.0	28.2
1905	63.5	-22.3	66.2	-26.8	70.3	12.4	78.0	12.0	76.3	29.5
1906	67.8	-3.5	67.0	-5.0	69.9	-24.6	80.1	22.1	82.9	33.0
1907	62.6	-4.7	68.8	-2.8	80.3	2.8	80.0	5.7	83.0	19.2
1908	57.1	-9.8	68.0	-15.0	75.7	8.0	80.2	9.8	86.6	22.2
1909	63.8	-3.2	66.3	-14.2	60.1	-11.6	73.2	9.2	81.0	23.6
1910	64.1	-20.8	66.2	-15.8	79.9	11.5	86.4	17.8	87.0	28.4
1911	65.8	-18.0	62.3	-8.8	69.1	-2.2	75.8	16.0	83.8	26.6
Extreme	71.0	-31.4	70.0	-38.4	80.3	-24.6	91.0	5.1	90.0	19.2

NOTE — Extreme temperatures of each year indicated in black faced type.

TABLE XVII—AVERAGE MONTHLY READINGS OF BLACK AND BRIGHT BULBS OF ACTINOMETERS, AT NOON.

Colorado Experiment Station, Fort Collins, Colorado.

(Centigrade Degrees.)

DATE.	January		February		March		April		May		June	
	Blk.	Brt.	Blk.	Brt.	Blk.	Brt.	Blk.	Brt.	Blk.	Brt.	Blk.	Brt.
1893												
1894	31.8	13.2	33.0	11.6	37.5	18.8	42.8	26.7	28.0	17.5	34.2	22.2
1895	28.1	10.6	32.8	12.5	40.2	21.3	39.4	24.4	43.7	28.2	39.0	26.4
1896	29.9	14.6	34.8	17.5	37.4	17.8	42.2	25.2	41.9	28.3	49.4	34.7
1897	31.0	12.8	29.5	12.4	34.6	16.2	38.7	22.4	42.1	29.2	44.6	30.9
1898	25.7	10.7	32.3	16.7	31.5	15.8	41.6	26.6	38.1	23.3	47.2	33.1
1899	28.0	11.0	37.0	11.5	32.3	14.7	39.8	22.6	42.8	28.4	48.3	34.6
1900	31.3	14.9	32.2	12.7	34.9	19.3	36.9	20.8	40.6	27.9	49.5	36.9
1901	30.2	14.1	28.8	10.3	37.9	19.3	38.9	22.5	44.0	29.7	37.8	26.7
1902	32.4	13.0	32.6	15.1	30.9	16.9	35.2	20.4	44.8	29.9	44.5	32.4
1903	28.8	13.9	35.4	11.6	33.2	15.5	40.4	24.4	45.5	29.8	39.4	26.6
1904	28.4	13.6	29.1	13.9	33.1	17.8	40.7	24.5	37.4	23.9	45.4	30.8
1905	23.0	9.2	30.6	12.0	31.8	18.5	31.5	18.7	36.2	23.7	45.5	31.7
1906	31.9	17.9	32.5	17.5	39.2	17.8	38.1	22.9	43.3	28.7	50.0	34.7
1907	26.0	11.9	36.3	20.9	39.0	22.9	34.8	19.9	34.1	21.8	45.1	31.0
1908	29.2	13.6	32.3	16.3	39.2	22.7	41.4	26.5	45.4	29.2	41.8	28.8
1909	25.9	12.6	31.8	14.1	34.0	17.3	33.3	19.2	35.1	22.9	42.1	29.7
1910	27.0	11.9	28.1	12.8	41.8	27.2	42.4	27.4	41.4	26.4	46.4	32.4
1911	29.0	15.3	34.7	15.1	37.8	21.3	36.6	22.2	44.0	28.9	48.2	34.3
Average	28.8	13.0	32.4	14.1	35.9	19.0	38.6	23.2	40.5	26.5	44.4	31.0
Maximum	32.4	17.9	37.0	20.9	41.8	27.2	42.8	27.4	45.5	29.9	50.0	36.9
Minimum	23.0	9.2	28.1	10.3	30.9	14.7	31.5	18.7	28.0	17.5	34.2	22.2



TABLE XVI—EXTREME MONTHLY MAXIMUM AND MINIMUM TEMPERATURES

At the Colorado Experiment Station, Fort Collins, Colorado.

June		July		August		September		October		November		December	
Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
96.0	45.0	97.0	50.0	97.0	44.0	91.0	32.0	88.0	11.0	78.0	-13.0	61.0	0.0
97.0	42.0	99.0	51.0	88.0	44.0	89.0	32.0	75.0	20.0	64.0	16.0	68.0	4.0
90.5	35.0	97.0	37.5	97.0	41.3	93.0	23.0	85.2	24.9	61.0	1.0	66.5	3.0
92.2	32.7	93.4	46.9	97.3	39.5	85.3	28.0	77.0	15.7	75.7	-6.5	62.9	5.8
86.9	37.9	89.4	41.2	93.1	36.7	88.8	34.3	79.8	19.5	75.9	-6.2	69.0	-10.0
86.5	35.4	92.7	45.3	99.2	33.9	89.3	27.5	87.0	18.7	67.2	10.6	65.6	-17.4
95.0	31.3	91.9	41.2	91.7	38.3	90.0	25.7	82.0	11.8	70.7	-12.8	60.4	2.5
91.0	37.9	94.4	46.0	91.7	39.5	88.6	30.9	80.7	19.3	78.0	-1.1	64.7	-24.0
88.7	33.0	93.2	44.9	93.0	42.3	95.0	23.2	79.7	14.8	73.7	-2.9	66.7	-5.0
91.2	39.3	95.8	48.8	92.8	40.2	90.0	31.8	84.2	21.0	74.7	-11.3	66.1	0.5
90.1	35.3	94.8	38.9	92.8	42.7	89.8	33.8	81.7	21.5	75.6	-3.0	63.0	-10.8
97.2	36.0	97.0	44.3	95.6	43.1	90.2	29.7	85.7	16.2	71.3	-11.3	55.0	-22.3
96.1	36.4	94.0	44.6	95.2	39.7	94.6	29.0	86.7	23.7	69.5	15.0	63.7	-9.3
94.4	40.7	92.9	40.2	94.0	41.2	88.2	29.7	83.0	12.5	74.0	8.7	62.9	-22.0
94.4	38.2	96.7	47.9	96.7	43.6	86.6	24.4	82.0	25.0	69.6	12.0	64.6	-31.0
96.0	37.0	98.0	38.8	99.6	42.3	92.8	22.0	81.0	25.5	69.2	3.8	68.2	-17.6
92.5	37.0	95.0	36.0	94.6	41.9	92.8	26.0	81.0	20.0	71.0	-10.0	61.0	5.0
87.2	38.4	90.7	40.3	91.0	33.0	90.0	29.6	80.1	17.8	74.0	0.5	65.7	1.0
92.3	40.0	91.0	42.3	93.2	34.3	90.5	30.8	85.3	-8.0	74.0	3.4	62.2	-4.0
89.9	37.2	92.6	41.0	92.0	39.2	86.9	37.3	83.2	19.4	70.2	-9.3	64.5	7.0
87.7	33.9	94.4	44.6	91.6	45.0	85.6	31.0	81.8	22.4	70.0	-1.2	61.7	-5.4
91.8	37.6	93.1	43.6	92.8	45.5	91.9	33.4	81.5	13.5	76.2	-3.1	61.0	-19.1
94.5	41.3	94.3	48.0	92.6	46.9	84.2	34.5	84.7	16.1	70.0	13.6	59.7	3.4
90.3	38.9	99.9	47.0	92.6	31.7	92.0	32.1	80.2	14.6	66.9	-11.0	62.9	-8.0
92.0	41.2	88.0	45.1	95.4	37.1	89.1							
92.7	31.3	99.9	36.0	99.6	31.7	95.0	22.0	83.0	-8.0	78.0	-13.0	68.0	-31.0

TABLE XVII—AVERAGE MONTHLY READINGS OF BLACK AND BRIGHT BULBS OF ACTINOMETERS, AT NOON.

Colorado Experiment Station, Fort Collins, Colorado.  
(Centigrade Degrees.)

July		August		September		October		November		December		Year	
Blk.	Brt.	Blk.	Brt.	Blk.	Brt.	Blk.	Brt.	Blk.	Brt.	Blk.	Brt.	Blk.	Brt.
36.0	24.9	32.9	22.8	24.8	14.9	20.4	9.5	32.8	15.7	28.2	13.5	...	...
43.6	30.7	44.2	32.2	49.4	35.2	39.6	24.0	32.4	16.8	27.6	13.0	38.3	22.9
49.0	35.8	52.6	38.2	44.8	29.8	43.0	27.1	32.1	14.1	27.9	14.1	40.4	24.8
49.3	36.0	47.6	34.3	50.9	35.0	40.0	26.4	33.8	18.0	28.3	11.6	39.2	24.8
51.0	37.5	55.1	41.2	50.6	35.9	37.0	21.8	31.4	13.6	28.9	11.5	39.2	24.0
44.6	32.7	49.4	35.7	49.9	35.2	31.1	18.9	32.0	19.1	24.5	10.3	38.3	22.9
47.2	35.3	50.2	37.4	53.7	37.6	43.9	29.4	28.2	15.8	33.4	17.0	40.2	25.4
54.5	40.5	52.7	38.3	43.2	27.7	37.8	23.7	39.3	21.9	28.1	12.3	39.4	22.9
48.6	34.8	47.1	34.8	43.1	29.0	29.8	25.3	32.5	17.5	26.8	11.7	38.2	23.4
46.9	34.5	51.8	37.0	45.4	32.2	38.6	24.0	31.4	16.9	30.6	16.1	39.0	23.5
45.6	33.3	49.1	35.5	48.4	32.5	41.4	25.5	36.9	21.5	29.2	15.8	38.7	24.1
47.2	33.7	52.4	37.5	45.4	32.1	37.5	23.0	34.7	19.5	28.9	14.8	37.0	22.9
43.4	31.2	47.5	34.8	40.1	27.9	45.7	30.3	39.2	21.2	26.2	14.4	39.8	24.8
46.4	33.5	48.8	35.5	42.5	29.5	35.1	22.3	32.2	17.0	27.1	13.3	37.3	23.3
49.0	34.8	44.4	31.5	...	...	...	...	...	...	30.6	13.1	...	...
49.8	35.3	48.9	36.9	44.9	30.7	46.4	30.1	25.5	15.3	24.0	8.8	36.8	22.7
51.3	37.5	47.4	34.1	44.2	31.4	38.8	24.9	28.4	16.7	28.5	13.3	38.8	24.7
43.4	30.6	48.0	33.9	44.8	31.1	38.2	22.5	34.5	18.1	28.2	11.1	39.0	23.7
47.0	34.0	48.3	35.1	45.1	31.0	38.5	23.9	31.4	16.7	28.4	13.2	38.3	23.4
54.5	40.5	55.1	41.2	53.7	37.6	46.4	30.1	35.3	21.9	33.4	17.0	40.4	25.4
36.0	24.9	32.9	22.8	24.8	14.9	20.4	9.5	7.4	1.7	24.0	8.8	30.1	16.5

TABLE XVIII—MONTHLY MEAN DEW POINT  $\frac{1}{2}$  (7A + 7P)  
At the Colorado Experiment Station, Fort Collins, Colorado.

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1887.					28.0			55.2		33.4	23.4	12.3	
1888.	28.2	24.5	21.8	42.0	40.2	48.4	54.6	51.3	45.7	32.9	25.7	15.7	36.0
1889.	9.6	14.7	28.4	34.1	39.2	49.1	54.5	61.1	34.2	30.9	19.9	20.1	32.2
1890.	11.3	13.0	17.7	30.3	39.0	44.2	55.4	52.2	37.5	26.2	20.2	15.6	30.2
1891.	12.2	10.9	20.9	29.7	42.6	50.7	55.2	53.0	44.1	25.0	18.4	14.1	31.4
1892.	10.1	19.2	21.3	25.4	37.6	49.8	55.2	49.2	38.6	30.0	18.5	12.3	30.6
1893.	10.0	9.7	17.2	30.8	34.6	45.5	51.8	49.7	37.0	24.3	15.2	16.6	27.7
1894.	7.4	4.8	16.5	25.9	37.6	44.7	52.6	51.6	39.6	26.6	19.1	12.2	28.2
1895.	11.7	9.0	17.3	26.6	37.2	47.5	52.7	52.6	39.9	27.9	15.5	10.2	29.9
1896.	10.4	12.0	19.8	26.5	32.5	40.4	50.5	51.5	46.2	30.4	22.5	15.7	30.2
1897.	6.6	14.1	19.8	29.5	44.6	50.5	53.2	53.6	48.0	32.3	21.3	12.1	32.1
1898.	11.0	16.2	15.2	27.3	40.4	49.1	52.2	50.6	37.0	24.0	16.5	8.4	29.0
1899.	10.6	2.4	18.8	24.6	34.6	44.6	54.8	50.3	41.6	30.7	23.1	13.1	29.1
1900.	15.5	11.6	24.2	34.8	43.4	51.3	51.7	49.0	42.4	30.3	17.4	10.9	31.8
1901.	10.7	12.2	18.8	30.0	40.2	49.8	56.7	54.6	40.5	31.9	20.4	16.5	32.0
1902.	9.9	17.0	18.3	29.0	40.8	48.2	52.2	50.7	38.9	34.3	20.9	14.0	31.2
1903.	15.5	4.5	22.6	29.0	38.1	51.3	54.2	54.2	41.1	30.8	22.4	13.6	31.4
1904.	10.2	15.6	21.9	27.1	41.1	50.4	54.6	53.5	45.0	31.4	25.1	17.8	32.0
1905.	17.5	11.9	28.2	32.3	40.2	52.4	53.6	54.1	42.4	26.0	21.9	7.9	32.4
1906.	10.3	10.2	16.6	31.7	39.2	47.7	53.6	52.9	42.8	30.8	22.6	20.4	32.0
1907.	15.0	18.0	21.3	28.6	37.4	45.4	55.7	55.3	42.8	34.3	17.4	14.7	31.9
1908.	9.5	12.0	17.0	25.7	35.6	45.7	54.7	52.3	40.3	30.0	18.4	14.7	30.1
1909.	17.2	13.9	25.4	25.9	32.2	51.2	57.6	56.6	46.9	28.5	24.2	9.1	32.4
1910.	9.9	8.6	18.3	23.2	39.3	47.5	52.2	51.2	45.3	31.1	25.4	16.7	30.8
1911.	15.3	11.5	21.4	25.4	35.2	49.2	52.2	49.6	42.2	29.2	16.2	9.8	29.8
Average.	12.3	12.4	20.4	28.5	39.0	48.5	54.1	52.2	42.0	29.8	19.7	13.8	31.1
Maximum.	28.2	24.5	28.4	42.0	48.0	52.4	57.6	56.6	48.0	34.3	25.7	20.4	36.0
Minimum.	6.6	2.4	15.2	20.8	32.5	44.2	51.3	49.0	34.2	24.0	12.5	7.9	27.7

TABLE XIX—MONTHLY MEAN RELATIVE HUMIDITY  $\frac{1}{2}$  (7A + 7P)  
IN PER CENT OF SATURATION  
At the Colorado Experiment Station, Fort Collins, Colorado.

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1887.					70.0	79.9	69.0	57.7	59.3	70.0	62.7	55.4	61.8
1888.	44.6	61.5	59.7	62.6	62.2	52.5	55.8	60.2	59.7	56.2	71.2	60.5	58.9
1889.	65.6	66.6	63.6	58.9	62.8	63.2	64.2	60.8	53.1	64.5	78.9	64.4	63.9
1890.	75.4	68.0	52.9	63.5	59.1	51.4	61.8	69.0	52.9	60.7	70.0	65.4	62.5
1891.	89.3	78.3	82.5	58.8	68.9	69.9	69.2	68.1	66.6	53.6	64.2	69.7	69.9
1892.	80.0	82.6	73.2	56.2	69.1	66.2	67.4	58.9	51.6	66.1	61.3	78.1	67.6
1893.	56.1	64.7	60.7	51.0	57.5	51.9	56.3	62.0	51.4	51.7	62.6	67.1	57.7
1894.	63.8	70.6	56.6	48.1	55.5	54.8	60.6	63.2	61.0	50.5	62.2	76.7	60.3
1895.	75.7	76.4	64.3	47.3	59.0	67.7	71.0	68.3	57.6	64.2	68.0	65.3	65.4
1896.	62.1	58.6	69.7	54.6	46.6	52.6	67.7	62.8	76.1	65.7	65.1	67.2	63.2
1897.	68.4	74.7	72.6	61.0	63.0	62.6	68.0	73.0	69.2	71.1	75.0	75.1	70.0
1898.	75.2	67.5	62.6	52.4	71.4	62.7	60.9	59.0	60.1	55.6	72.4	73.6	64.4
1899.	70.2	87.2	73.7	53.2	53.2	54.5	70.8	63.1	60.8	72.7	69.2	74.1	66.9
1900.	73.3	76.4	70.6	68.8	62.6	60.5	64.5	57.8	67.6	61.9	61.0	61.0	66.3
1901.	66.0	78.9	62.9	65.4	62.6	64.0	62.6	67.7	64.1	66.7	64.9	76.4	66.9
1902.	78.2	70.8	61.8	58.8	61.2	62.0	65.1	60.1	64.5	74.4	72.4	75.0	67.0
1903.	73.0	86.0	73.0	60.2	61.5	74.5	65.9	69.3	70.8	66.0	78.7	61.5	70.9
1904.	65.5	59.5	60.3	53.5	64.9	70.5	70.1	69.3	73.2	74.0	60.2	73.6	66.2
1905.	85.5	85.8	71.1	74.0	70.0	69.0	68.6	69.7	67.7	73.0	72.0	66.3	72.7
1906.	60.0	63.3	81.5	61.0	60.7	63.7	70.1	70.2	79.3	71.2	80.6	74.2	69.6
1907.	79.2	66.8	54.9	61.8	68.8	58.4	71.0	67.4	67.5	75.1	76.0	68.3	67.9
1908.	63.4	62.8	51.3	42.4	59.2	60.0	69.7	77.4	66.8	68.0	77.9	81.2	65.0
1909.	75.8	70.6	78.3	60.1	51.9	68.0	71.7	71.2	78.2	58.1	73.7	79.2	69.7
1910.	70.0	62.8	41.0	37.6	62.5	56.9	56.7	64.8	69.3	63.7	71.8	68.8	60.5
1911.	66.2	71.5	55.5	52.4	52.8	55.7	63.8	60.4	58.7	64.9	65.7	75.6	61.9
Average.	69.6	71.1	64.4	57.0	61.5	62.8	65.7	65.3	64.3	64.8	69.5	70.1	65.5
Maximum.	89.3	87.2	83.6	78.8	71.4	79.9	71.7	77.4	79.3	75.1	80.6	81.2	72.7
Minimum.	44.6	58.6	41.0	37.6	46.6	51.4	55.8	57.7	51.4	50.5	60.2	55.4	57.7

**TABLE XX—MONTHLY MEAN TERRESTRIAL RADIATION**  
**At the Colorado Experiment Station, Fort Collins, Colorado.**  
**(Difference between Monthly Minimum and Terrestrial 6 Inches from**  
**Ground.)**

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1889	9.9	9.1	8.6	5.5	7.6	7.1	6.3	7.2	7.3	5.9	6.8	6.2	7.3
1890	4.2	5.1	4.8	3.9	7.2	9.5	9.0	9.7	4.2	4.8	8.5	9.9	6.7
1891	6.5	3.6	5.3	6.8	7.4	5.3	4.4	4.2	5.4	6.0	5.5	5.0	5.4
1892	2.9	3.8	4.0	4.8	5.3	6.5	5.7	6.0	6.5	5.7	5.9	5.0	5.3
1893	5.5	5.0	3.9	4.5	5.1	7.6	5.3	4.6	6.0	5.5	4.9	4.8	5.2
1894	5.1	4.3	4.0	3.9	5.7	6.0	5.2	5.0	5.6	7.0	4.9	4.6	5.1
1895	4.5	4.1	3.9	4.9	5.6	4.2	4.3	4.1	4.3	5.1	5.4	5.9	4.7
1896	5.3	5.2	3.4	4.5	6.3	3.8	4.0	5.6	5.1	6.9	6.4	5.3	5.2
1897	4.4	4.1	3.8	4.0	5.4	4.7	5.2	4.7	4.2	4.1	4.0	4.8	4.5
1898	5.0	5.2	5.6	4.4	2.8	2.9	2.9	2.9	3.1	3.4	3.3	4.0	3.8
1899	4.2	3.3	2.4	3.3	3.7	3.8	3.6	4.9	4.7	3.6	4.6	4.5	3.9
1900	4.0	3.9	2.9	2.9	5.4	6.5	5.5	6.1	5.8	6.0	5.9	6.3	5.1
1901	5.8	5.2	4.2	4.6	7.6	7.1	7.0	5.4	6.2	6.0	7.1	3.8	5.8
1902	3.7	3.6	4.4	4.8	5.4	5.4	5.1	5.1	4.6	3.4	4.7	4.0	4.5
1903	3.8	4.5	2.4	4.7	5.2	4.3	7.5	...	5.7	5.0	4.2	...	...
1904	...	4.3	3.3	3.1	3.7	4.3	6.0	7.4	8.0	6.8	...	...	...
1905	5.0	5.3	5.2	4.2	6.3	9.3	...	...	...	...	...	...	...
1906	7.7	5.4	2.8	5.3	6.9	6.0	6.3	5.8	4.4	4.0	4.0	4.8	5.3
1907	2.8	3.9	4.7	3.9	5.8	8.4	7.8	6.5	6.0	5.4	5.4	5.7	5.5
1908	5.6	5.0	5.2	5.9	4.9	7.2	5.2	4.4	6.2	3.8	4.2	3.8	5.1
1909	2.7	3.9	2.7	2.6	6.8	7.4	5.0	4.0	3.8	4.9	3.9	3.6	4.3
1910	3.9	4.4	5.4	4.7	4.7	3.3	4.0	3.4	3.6	4.2	3.4	3.9	4.1
1911	3.6	3.2	3.1	3.2	3.6	4.1	3.4	4.5	4.3	3.3	2.9	4.1	3.6
Average...	4.9	4.6	4.2	4.4	5.6	5.9	5.4	5.3	5.2	5.0	5.0	5.0	5.0
Maximum...	9.9	9.1	8.6	6.8	7.6	9.5	9.0	9.7	8.0	7.0	8.5	9.9	7.3
Minimum...	2.7	3.2	2.4	2.6	2.8	2.9	2.9	2.9	3.1	3.3	2.9	3.6	3.6

**TABLE XXI—MONTHLY MEAN TERRESTRIAL RADIATION**  
**THERMOMETER**

**At the Colorado Experiment Station, Fort Collins, Colorado.**  
**6 Inches from the Ground.**

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1889	...	...	...	...	...	...	...	...	...	...	...	...	...
1890	4.4	9.9	18.4	29.2	33.8	37.3	46.2	41.5	35.2	26.3	12.8	8.4	23.3
1891	2.5	4.3	14.4	25.1	33.8	42.1	47.4	45.5	38.8	20.4	16.3	11.3	25.5
1892	3.4	13.5	17.9	24.7	33.6	40.0	47.3	42.4	35.6	25.9	17.3	4.3	25.3
1893	10.3	7.3	16.2	23.8	32.7	39.6	48.1	45.9	32.8	26.2	12.5	15.2	25.3
1894	2.3	0.6	18.4	28.2	37.0	41.0	47.6	46.5	35.9	27.1	18.4	6.2	25.8
1895	6.4	2.8	16.0	27.2	33.2	40.7	47.1	47.2	37.6	24.7	13.6	8.1	25.4
1896	10.8	12.4	18.4	26.0	35.0	45.7	51.7	47.3	40.0	24.5	10.2	13.7	28.0
1897	4.9	10.2	16.1	28.0	37.3	43.5	44.7	46.7	43.1	28.3	16.2	7.6	26.7
1898	5.6	12.4	11.9	26.4	37.6	46.3	50.1	49.3	35.8	28.0	12.8	5.3	26.7
1899	6.2	8.8	15.6	25.6	34.3	43.6	49.0	46.9	37.4	28.4	20.3	8.2	25.6
1900	11.2	6.8	21.4	34.4	37.8	44.2	46.8	43.4	37.5	26.8	15.7	9.7	26.9
1901	6.8	4.6	18.5	26.4	35.2	41.2	48.2	48.0	34.4	26.8	16.2	11.6	26.5
1902	5.4	9.8	17.9	26.7	36.3	42.8	44.2	47.2	35.4	29.7	17.9	10.3	26.9
1903	12.6	4.6	15.9	26.5	31.3	42.7	44.6	...	33.6	26.6	14.7	...	...
1904	...	18.2	31.0	28.2	37.5	42.0	44.7	43.8	34.4	24.6	17.4	...	...
1905	7.6	1.5	24.0	37.3	34.2	40.7	...	...	...	...	...	...	...
1906	5.6	7.5	10.8	29.0	34.8	41.2	44.7	45.2	39.9	26.5	17.1	16.7	28.6
1907	6.6	16.0	22.6	25.2	31.2	36.8	44.6	44.4	36.2	26.7	10.8	9.9	28.2
1908	6.3	8.2	19.1	24.7	33.4	39.3	47.7	47.6	38.1	27.8	11.0	8.1	28.9
1909	14.1	10.1	21.2	26.4	31.1	41.8	50.0	50.8	40.2	27.3	21.0	2.0	28.6
1910	6.6	6.2	23.2	28.3	35.9	45.7	51.0	48.6	42.8	29.7	23.3	13.8	29.0
1911	14.5	10.7	23.0	29.0	37.6	47.0	49.4	46.2	41.9	28.1	14.5	5.3	28.9
Average...	7.5	7.2	13.7	26.8	34.8	42.0	47.4	46.2	37.5	26.7	15.7	9.2	26.2
Maximum...	14.5	18.2	24.0	29.2	37.8	47.0	51.7	50.8	43.1	29.7	23.3	16.7	29.6
Minimum...	2.5	8.8	10.8	23.8	31.1	36.8	44.2	41.5	32.8	20.4	10.2	2.0	25.2

TABLE XXII.—MONTHLY MEAN AND NORMAL BAROMETER  
At the Colorado Experiment Station, Fort Collins, Colorado.  
 $\frac{1}{2}$  (7A + 7P)

DATE.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1887.....	24.773	25.090	24.994	24.913	24.994	24.912	25.052	25.073	25.043	24.932	24.956	24.853	24.964
1888.....	24.818	24.793	24.805	24.944	24.835	24.837	25.075	25.102	25.126	24.988	25.031	24.985	24.944
1889.....	24.923	24.973	24.992	25.000	24.953	25.041	25.054	25.071	25.047	25.084	25.064	24.921	25.011
1890.....	24.906	24.889	24.918	24.998	24.942	24.965	25.065	25.188	25.074	25.014	25.130	25.031	25.010
1891.....	24.999	24.972	24.874	24.953	24.905	24.918	25.075	25.092	25.043	25.103	24.968	24.869	24.974
1892.....	24.979	24.936	24.909	24.886	24.953	24.962	25.085	25.058	25.086	25.042	24.959	24.939	24.981
1893.....	24.927	24.897	24.897	24.875	24.928	24.962	25.133	25.058	25.072	25.006	24.976	24.877	24.984
1894.....	24.875	24.939	24.886	24.924	24.978	24.966	25.133	25.130	25.012	24.975	25.084	25.025	24.956
1895.....	24.850	25.014	24.918	24.964	24.951	25.085	25.084	25.074	25.019	25.113	24.979	24.934	24.998
1896.....	24.956	24.956	24.911	24.878	24.887	25.054	25.104	25.110	25.060	25.037	24.954	25.052	24.998
1897.....	24.985	24.953	24.806	25.025	24.964	24.964	25.061	25.122	25.124	25.042	24.990	24.933	24.989
1898.....	24.917	24.995	24.878	25.009	24.940	25.006	25.064	25.061	25.027	25.039	24.927	25.039	24.991
1899.....	24.884	24.863	24.873	24.935	24.885	25.002	25.096	25.005	25.120	25.008	25.019	24.995	24.972
1900.....	25.010	24.895	24.897	24.935	24.989	25.006	25.009	24.992	25.035	25.015	25.048	25.037	24.995
1901.....	24.965	24.976	24.871	24.970	24.949	24.976	25.040	25.119	24.989	25.111	25.086	24.966	24.998
1902.....	25.020	24.888	24.846	24.923	24.920	24.952	25.036	25.058	25.040	25.054	24.936	24.954	24.970
1903.....	24.971	24.971	24.965	24.925	24.920	24.952	25.005	25.052	25.041	25.111	25.033	25.022	25.011
1904.....	24.923	24.867	24.891	24.990	24.962	25.040	25.070	25.130	25.123	25.088	24.983	24.974	25.008
1905.....	25.011	24.911	24.897	24.835	24.920	25.045	25.087	25.094	25.042	25.068	24.983	25.031	25.012
1906.....	24.923	25.003	24.952	24.882	24.919	24.932	25.129	25.066	25.082	25.068	25.020	25.007	25.016
1907.....	24.913	25.019	24.907	24.957	24.945	24.932	25.067	25.063	25.057	25.117	25.086	24.930	25.001
1908.....	25.002	24.951	24.946	24.949	24.955	25.139	25.139	25.086	25.106	25.061	25.003	24.931	25.004
1909.....	24.952	24.885	24.905	24.917	24.898	25.040	25.046	25.099	25.085	25.064	24.981	24.932	24.981
1910.....	24.960	24.960	25.030	25.002	25.037	24.980	25.064	25.080	25.085	25.044	24.978	24.877	25.019
1911.....	24.951	24.993	24.997	24.919	24.938	25.007	25.096	25.064	25.042	25.051	24.966	24.915	24.995
Normal....	24.940	24.835	24.912	24.945	24.943	24.978	25.072	25.082	25.060	25.052	25.013	24.974	24.992
Maximum..	25.086	25.090	25.030	25.006	25.037	25.065	25.139	25.188	25.126	25.117	25.130	25.052	25.019
Minimum..	24.778	24.792	24.905	24.858	24.935	24.827	25.025	24.995	24.973	24.932	24.927	24.853	24.944

TABLE XXIII.—MONTHLY PRECIPITATION  
At the Colorado Experiment Station, Fort Collins, Colorado.

Date.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1872.....	0.25	0.16	0.60	1.20	2.30	1.50	1.30	0.85	0.75	0.45	0.02	0.20	9.10
1873.....	0.06	0.43	1.29	0.77	2.95	0.65	3.15	0.25	0.00	1.90	0.02	0.00	10.57
1879.....	0.72	1.09	0.38	0.94	0.60	0.86	1.80	0.37	1.47	1.75	0.15	0.60	11.50
1881.....	1.10	0.55	1.45	0.94	0.60	0.86	1.80	0.37	1.47	2.07	1.10	0.10	11.50
1882.....	1.00	1.50	0.68	0.94	4.67	3.07	1.76	0.89	2.51	0.82	0.29	1.33	11.50
1883.....	1.10	0.70	1.15	3.94	2.51	3.18	1.29	1.78	1.00	0.10	1.80	0.35	11.50
1884.....	1.10	0.70	1.15	3.94	2.51	3.18	1.29	1.78	1.00	0.10	1.80	0.35	11.50
1885.....	0.86	0.23	0.45	1.10	1.23	1.96	3.05	2.12	0.54	0.69	1.18	0.33	12.12
1886.....	0.29	0.36	0.73	1.23	3.39	0.47	0.60	1.01	0.29	0.88	0.15	0.00	9.79
1888.....	0.21	0.34	0.65	2.07	3.39	2.06	0.79	0.95	0.42	3.16	0.42	0.16	14.48
1890.....	0.13	0.21	0.32	3.92	1.19	0.12	1.27	3.14	0.07	1.41	0.32	0.02	11.41
1891.....	2.32	0.15	1.31	2.14	4.07	1.30	0.17	3.06	1.02	0.20	0.60	0.46	15.70
1892.....	0.60	1.29	1.52	1.60	4.83	2.42	1.32	0.22	0.18	0.93	0.23	0.35	15.45
1893.....	0.02	0.54	0.14	1.66	1.92	0.26	0.64	0.92	0.14	0.16	0.55	0.12	7.11
1894.....	0.25	0.60	0.54	0.89	3.09	0.42	1.72	1.53	2.29	1.06	0.14	0.16	13.36
1895.....	0.24	1.52	0.54	1.36	3.62	3.65	0.47	1.45	0.47	0.40	0.40	0.01	18.07
1896.....	0.18	0.02	1.73	1.26	2.06	3.05	3.05	2.20	1.55	0.49	0.05	0.34	15.76
1897.....	0.14	0.54	2.15	1.29	1.68	1.69	2.65	1.74	0.75	0.75	0.67	0.67	15.24
1898.....	0.08	1.08	0.50	1.08	3.65	1.37	0.50	0.98	0.50	0.82	1.24	0.17	11.03
1899.....	0.65	1.04	1.50	1.10	1.01	1.01	0.95	0.99	0.21	3.23	0.24	0.47	16.19
1900.....	0.25	1.12	1.07	10.56	7.75	0.82	1.14	0.16	1.92	0.07	0.07	0.11	19.21
1901.....	0.19	0.38	1.88	3.62	7.47	2.35	0.71	0.72	2.10	3.26	0.02	1.37	21.17
1902.....	0.32	0.15	1.50	0.61	2.13	2.43	1.31	0.67	7.12	1.15	0.27	0.77	18.43
1903.....	0.16	1.60	1.02	1.50	0.63	2.33	1.06	0.86	0.87	1.70	0.18	0.07	11.89
1904.....	0.04	0.34	0.51	0.89	5.37	1.68	1.99	0.71	1.09	2.60	0.07	0.12	19.86
1905.....	0.29	0.35	1.75	6.32	4.13	0.54	2.18	1.25	0.28	3.60	0.00	0.00	19.86
1906.....	0.01	0.03	2.44	4.30	2.40	1.80	1.96	0.80	3.08	1.59	1.35	0.12	19.88
1907.....	0.23	0.36	0.69	2.80	2.44	0.44	2.28	1.27	0.58	0.08	0.44	0.03	11.64
1908.....	0.11	0.03	0.28	0.05	5.83	1.16	3.65	2.12	1.78	1.78	1.06	0.60	17.22
1909.....	0.02	0.90	3.35	1.34	1.06	2.59	1.98	1.45	2.10	0.08	0.79	0.58	16.21
1910.....	0.29	0.16	0.06	0.42	4.75	1.04	0.87	1.92	1.79	1.03	0.11	0.48	13.92
1911.....	0.34	1.52	0.05	1.89	0.72	1.78	1.47	0.59	0.80	0.93	0.43	0.37	10.89
Normal.....	0.46	0.59	0.99	2.14	2.96	1.60	1.83	1.20	1.21	1.00	0.43	0.34	14.75
Av. 25 years.....	0.34	0.55	1.06	2.20	2.95	1.55	1.80	1.27	1.23	1.09	0.40	0.33	14.67
Maximum.....	2.32	1.60	3.35	10.56	7.47	3.65	4.95	3.14	3.08	3.23	1.80	1.37	21.17
Minimum.....	0.01	0.03	0.00	0.05	0.60	0.12	0.17	0.16	0.00	0.00	0.00	0.00	7.11

**TABLE XXIV—NUMBER OF STORMY DAYS (.01 OR MORE PRECIPITATION)**

At the Colorado Experiment Station, Fort Collins, Colorado.

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1887.....	6	2	1	4	6	10	11	8	3	3	1	0	55
1888.....	3	2	6	2	10	2	6	4	5	4	5	3	52
1889.....	3	3	3	8	14	7	8	6	3	8	3	1	66
1890.....	13	1	3	9	8	3	10	13	2	2	2	1	57
1891.....	5	5	12	4	13	10	4	16	11	2	6	3	91
1892.....	6	7	7	6	15	8	14	5	1	4	2	6	81
1893.....	5	5	6	6	11	4	5	10	1	3	4	3	54
1894.....	5	5	6	4	10	6	6	7	6	0	2	5	85
1895.....	4	8	4	4	11	12	14	11	3	4	7	1	83
1896.....	2	2	10	5	5	9	12	9	11	5	2	2	74
1897.....	2	6	9	7	13	12	9	12	6	6	4	5	91
1898.....	3	2	8	8	22	7	8	7	4	4	4	2	80
1899.....	6	11	11	6	8	9	13	7	3	10	0	3	87
1900.....	3	8	5	11	7	7	9	4	8	2	1	1	66
1901.....	3	7	7	7	11	8	3	12	3	2	1	8	72
1902.....	4	2	8	5	12	8	8	3	4	6	1	4	65
1903.....	3	12	2	9	7	9	6	2	6	4	2	2	63
1904.....	3	3	7	5	13	10	5	3	5	3	0	3	60
1905.....	8	7	5	10	16	10	12	6	2	7	3	0	86
1906.....	1	2	14	7	8	6	11	9	13	4	6	1	82
1907.....	4	5	4	12	15	6	13	8	4	2	1	3	77
1908.....	2	2	3	3	12	11	7	13	3	5	7	4	72
1909.....	2	4	10	11	3	13	10	9	8	3	6	6	85
1910.....	4	4	2	2	12	7	4	12	9	2	2	4	64
1911.....	2	9	3	10	7	7	8	4	3	7	6	5	71
Average...	3.4	5.1	6.0	6.6	10.8	8.0	8.6	8.0	5.1	4.1	3.1	3.0	71.8
Maximum...	6	12	14	12	22	13	14	16	13	10	7	8	91
Minimum...	1	1	1	2	3	2	3	2	1	0	0	0	52

**TABLE XXV—MONTHLY AVERAGE WIND IN MILES PER DAY**

At the Colorado Experiment Station, Fort Collins, Colorado.

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1888.....	96	180	130	198	136	232	110	98	85	123	113	125	136
1889.....	128	162	160	184	154	108	101	92	119	115	132	148	134
1890.....	140	158	170	152	124	...	...	...	...	90	68	91	...
1891.....	96	140	150	216	171	154	145	126	137	132	188	181	145
1892.....	121	125	178	224	218	130	76	75	163	187	212	189	153
1893.....	243	251	287	297	263	186	168	153	174	196	225	246	224
1894.....	227	179	280	290	222	191	150	147	163	219	205	162	203
1895.....	202	188	255	265	203	179	146	136	160	146	175	234	191
1896.....	181	236	253	249	247	154	134	143	142	152	196	158	187
1897.....	163	201	227	220	160	143	138	114	116	152	167	178	165
1898.....	147	187	214	219	161	135	142	125	137	203	176	170	168
1899.....	213	165	198	236	182	153	113	127	123	169	147	169	166
1900.....	160	193	164	172	147	131	119	113	123	150	156	184	143
1901.....	181	153	248	178	165	127	115	110	127	124	160	183	156
1902.....	107	164	205	180	130	117	98	116	129	95	140	154	136
1903.....	192	120	114	185	167	113	109	101	102	124	156	183	139
1904.....	188	231	216	217	168	173	115	113	104	122	138	182	164
1905.....	134	129	171	169	156	161	120	98	108	114	142	129	136
1906.....	144	161	139	188	136	141	87	96	93	137	131	129	128
1907.....	119	150	172	175	146	151	91	93	106	90	96	166	130
1908.....	176	144	208	201	166	171	86	88	96	119	80	105	137
1909.....	149	177	143	192	215	108	92	98	96	147	95	117	136
1910.....	108	187	177	220	130	113	99	92	102	122	139	141	136
1911.....	170	121	174	182	153	115	144	144	156	151	220	135	155
Average...	158	171	193	209	172	147	117	113	124	141	152	161	155
Maximum...	243	251	287	297	263	232	168	153	174	219	225	246	224
Minimum...	96	120	114	152	124	108	76	75	85	90	68	91	128

**TABLE XXVI—EVAPORATION FROM WATER SURFACE**  
**At the Colorado Experiment Station, Fort Collins, Colorado.**

(From Tank 3 ft. x 3 ft. About 2 Inches Above Ground Surface.) Inches.

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1887.....	2.46	3.22	4.60	5.55	5.19	5.75	5.23	4.24	4.12	3.26	1.48	1.60	46.71
1888.....	...	...	...	...	4.45	7.70	7.00	4.06	3.94	2.17	1.35	0.99	...
1889.....	1.08	1.03	2.75	4.06	3.72	4.34	5.20	5.15	5.19	3.28	0.62	1.42	37.84
1890.....	0.86	2.36	3.58	3.50	4.32	5.71	5.44	5.76	3.69	2.71	1.32	1.10	40.25
1891.....	1.89	1.90	2.23	2.24	5.03	4.97	5.72	4.91	4.12	3.62	1.74	0.75	39.12
1892.....	2.51	2.15	2.78	3.58	3.49	4.20	4.69	5.64	5.11	3.33	1.93	1.13	40.54
1893.....	...	1.52	3.79	5.40	5.12	6.12	6.41	4.73	5.04	3.79	1.05	1.88	...
1894.....	1.14	1.15	1.95	4.61	4.66	5.01	4.74	4.88	3.77	3.75	1.64	1.22	39.52
1895.....	1.19	1.19	...	4.91	4.27	4.13	4.57	4.52	4.06	2.24	1.53	1.68	...
1896.....	2.64	2.25	2.39	4.71	5.91	5.09	5.23	5.80	3.34	2.94	1.62	1.25	43.17
1897.....	1.80	2.20	...	3.33	4.13	4.26	4.61	4.76	3.97	2.88	1.47	0.94	...
1898.....	1.12	1.31	2.53	4.65	3.90	5.67	7.33	6.57	5.57	4.64	1.36	0.67	45.32
1899.....	1.51	1.39	1.54	3.79	5.35	6.37	5.38	5.86	5.04	2.87	1.86	1.15	42.11
1900.....	0.96	1.65	2.32	3.12	4.53	5.51	6.26	5.43	4.55	3.74	2.10	1.54	41.61
1901.....	1.19	0.84	2.79	3.54	5.25	5.16	6.96	5.46	5.01	3.55	2.81	1.03	43.59
1902.....	0.91	1.25	1.58	4.08	5.06	5.73	5.49	6.20	4.41	2.89	1.81	0.85	40.26
1903.....	1.66	2.22	1.82	4.05	4.38	4.81	5.60	4.53	4.12	4.12	1.29	1.56	40.12
1904.....	0.91	2.74	3.32	5.64	4.04	5.72	5.13	4.08	3.27	2.77	1.57	1.24	40.43
1905.....	0.64	0.58	2.10	3.17	3.99	4.60	5.32	4.12	3.66	3.11	1.59	1.38	34.56
1906.....	1.55	1.09	4.14	3.64	4.37	5.49	4.26	4.62	2.33	3.74	1.36	0.72	38.31
1907.....	0.89	0.80	4.42	4.56	3.49	5.47	5.60	4.62	4.14	2.77	1.08	1.05	38.89
1908.....	1.04	1.60	3.96	6.17	4.70	5.61	4.52	3.79	5.03	3.18	0.89	0.26	40.15
1909.....	0.66	0.66	2.32	2.20	4.92	3.97	5.32	4.56	3.14	3.58	1.26	0.65	34.24
1910.....	0.73	2.02	...	5.29	4.54	6.46	6.59	5.15	4.49	4.38	2.05	1.54	...
1911.....	0.64	1.21	3.35	5.39	6.58	6.94	5.86	5.61	5.42	3.62	1.70	0.98	47.30
Average...	1.30	1.59	2.88	4.26	4.62	5.37	5.58	5.00	4.30	3.32	1.54	1.14	40.90
Maximum...	2.64	3.23	4.60	6.17	6.58	7.70	7.32	6.57	5.57	4.64	2.81	1.88	46.71
Minimum...	0.86	0.58	1.54	2.24	3.49	3.97	4.26	3.79	3.14	2.17	0.62	0.26	34.24

**TABLE XXVII—MONTHLY MEAN, MAXIMUM AND MINIMUM TEMPERATURES**  
**At Arkansas Valley Sub-Station, Near Rocky Ford, Colorado.**

DATE.	January		February		March		April		May		June	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1888.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1889.	.....	.....	.....	.....	.....	.....	69.9	38.1	76.0	45.7	86.1	.....
1890.	47.7	.....	54.5	.....	62.6	.....	68.1	.....	78.0	.....	89.2	53.2
1891.	38.5	8.6	46.4	15.4	58.4	21.0	68.0	33.8	76.0	45.3	82.1	54.8
1892.	40.0	12.6	50.1	20.7	50.9	33.2	68.9	32.4	72.7	42.3	84.2	52.1
1893.	53.7	17.0	50.4	16.1	61.4	22.0	68.4	32.7	77.3	40.9	91.9	55.6
1894.	48.1	14.5	39.0	10.0	59.8	36.8	70.7	36.2	81.1	46.9	86.8	52.2
1895.	40.2	13.3	39.6	9.1	56.5	22.5	71.4	35.5	77.0	44.0	84.0	52.6
1896.	52.6	18.2	52.9	18.4	57.6	21.3	73.3	35.2	81.4	45.0	91.1	55.2
1897.	38.4	13.3	48.1	21.4	56.0	23.5	67.1	33.2	.....	.....	.....	.....
1898.	42.6	12.7	55.9	21.1	57.5	22.6	69.4	37.6	70.6	43.6	83.7	55.3
1899.	42.6	12.1	33.1	0.6	57.6	22.7	71.3	34.1	79.0	45.0	88.2	53.6
1900.	48.8	20.2	47.4	14.2	63.9	26.4	61.8	35.7	76.5	46.9	88.8	55.1
1901.	50.3	11.9	44.0	13.2	57.3	24.4	67.8	35.8	75.8	46.9	89.7	54.0
1902.	46.5	13.1	55.4	20.3	58.1	26.0	70.0	37.7	80.0	47.8	87.0	55.0
1903.	50.7	18.6	38.7	10.9	56.9	25.4	68.4	36.9	75.7	42.6	78.2	52.1
1904.	45.2	12.0	58.2	18.8	63.1	27.4	67.1	35.3	73.8	44.9	81.8	51.0
1905.	39.8	15.0	38.2	10.0	59.0	31.2	63.6	34.5	74.2	44.5	88.0	57.1
1906.	52.9	16.7	56.0	15.7	48.5	21.0	68.1	34.9	77.3	44.6	86.8	53.0
1907.	49.8	14.2	58.8	19.2	68.1	29.2	62.8	34.0	68.1	41.8	82.9	52.2
1908.	50.5	13.6	49.6	19.7	66.4	28.2	70.4	33.6	76.1	40.9	87.7	56.4
1909.	50.9	17.7	51.6	16.9	57.7	19.6	64.2	33.0	73.0	41.2	85.0	53.7
1910.	48.0	15.2	49.4	13.5	72.6	30.9	72.2	35.9	74.7	44.1	88.0	54.5
1911.	56.5	19.4	47.2	15.8	64.3	28.6	69.2	35.8	79.9	49.2	89.6	56.8
Average.	47.0	14.8	48.4	15.3	59.7	24.9	68.3	35.1	76.1	44.5	86.4	54.1
Maximum.	56.5	20.2	58.8	21.4	72.6	31.2	73.3	38.1	81.4	49.2	91.9	57.1
Minimum.	38.4	8.6	33.1	0.6	48.5	19.6	61.8	32.4	68.1	40.9	78.2	51.0

**TABLE XXVIII—EXTREME MONTHLY TEMPERATURES**  
**At Arkansas Valley Sub-Station, Rocky Ford, Colorado.**

YEAR.	January		February		March		April		May	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1888.	..	..	..	..	..	..	..	..	..	..
1889.	52	-11	54	-3	73	20	83	31	90	32
1890.	74	-10	79	-8	80	3	86	19	91	42
1891.	54	-8	72	-8	72	-6	90	15	89	31
1892.	68	-8	60	-5	75	-10	90	21	90	31
1893.	71	5	71	-1	88	4	85	17	94	19
1894.	71	-6	59	-13	80	9	87	24	93	30
1895.	65	-11	71	-23	83	-3	85	19	96	31
1896.	67	4	72	1	84	-2	87	15	94	33
1897.	54	-15	65	0	74	7	85	20	..	..
1898.	61	-10	74	12	74	2	86	23	90	30
1899.	61	-20	60	-32	82	2	87	18	94	32
1900.	67	2	67	-10	82	19	79	17	90	38
1901.	70	-22	69	-5	83	10	86	16	88	37
1902.	68	-10	72	-9	74	8	89	25	89	35
1903.	70	5	61	-15	77	-2	85	20	87	32
1904.	66	0	81	5	81	15	88	24	88	32
1905.	64	-13	67	-24	77	18	84	19	87	32
1906.	67	3	78	0	74	1	84	15	89	35
1907.	72	7	78	5	92	10	88	21	90	27
1908.	64	-7	72	-4	86	17	86	18	92	30
1909.	69	-18	66	-9	74	-8	85	17	87	18
1910.	74	-6	72	-17	85	15	91	22	92	31
1911.	77	-15	72	-16	77	3	82	23	93	29
Extreme	77	-22	81	-32	92	-10	91	15	96	18

NOTE — Extreme temperatures of each year indicated in black faced type.



TABLE XXVII—MONTHLY MEAN, MAXIMUM AND MINIMUM TEMPERATURES

At Arkansas Valley Sub-Station, Near Rocky Ford, Colorado.

July		August		September		October		November		December		Year	
Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
93.8	.....	93.6	.....	80.4	66.2	.....	37.3	44.5	20.3	.....	.....	.....	.....
94.6	61.2	91.1	55.1	83.1	44.6	70.4	29.7	60.0	21.5	57.5	.....	.....	.....
89.2	58.2	91.4	55.8	85.0	50.1	73.8	32.2	56.5	20.6	54.4	16.9	.....	.....
91.7	58.4	91.2	56.9	89.8	47.8	70.1	35.4	56.4	23.8	43.4	18.0	.....	.....
92.4	58.4	86.1	57.7	83.0	47.7	72.9	33.2	55.4	21.3	40.0	12.1	.....	.....
92.4	57.6	90.5	55.6	82.4	46.3	74.9	33.5	60.9	21.2	46.7	15.5	.....	.....
84.2	56.4	87.1	56.5	88.0	48.1	69.9	33.0	54.7	18.7	44.6	15.4	.....	.....
90.9	59.6	91.9	58.4	80.6	51.7	66.5	34.7	52.5	20.1	55.4	16.9	.....	.....
.....	.....	87.5	52.8	85.6	53.0	68.9	39.1	59.5	23.9	41.3	12.1	.....	.....
88.9	59.4	91.3	57.4	79.3	42.9	65.7	32.9	54.0	20.8	38.8	9.4	66.5	34.6
87.0	58.0	90.8	56.6	83.8	47.8	71.8	36.0	59.3	28.5	41.6	12.6	67.2	34.0
90.8	58.0	92.6	54.9	81.6	48.7	73.9	37.4	59.3	22.0	51.6	13.4	69.8	36.1
97.0	61.8	91.7	58.7	83.5	47.8	73.3	37.6	63.3	24.9	46.4	13.6	70.0	35.9
91.4	56.7	92.3	58.7	80.1	43.9	72.5	35.6	58.0	25.4	45.6	15.1	69.7	36.3
92.3	58.8	89.9	58.6	82.1	45.7	71.1	32.2	55.7	22.3	50.4	15.7	67.5	35.0
89.3	56.4	87.0	56.4	82.7	49.2	70.0	38.6	62.9	26.7	50.4	14.7	69.3	35.5
88.3	50.7	91.4	57.8	84.2	49.4	69.8	29.9	62.1	26.3	46.4	9.4	67.1	35.2
86.6	57.1	89.3	56.7	80.5	48.9	69.1	33.0	55.8	22.7	54.2	18.9	68.8	35.3
89.8	59.0	87.9	58.8	84.2	48.9	73.6	35.6	58.3	23.2	48.0	15.7	69.4	35.9
89.6	58.6	88.6	58.7	85.7	46.4	68.0	34.0	52.5	21.6	43.1	18.1	69.0	35.8
92.7	60.5	91.1	60.3	80.5	48.2	71.6	35.4	56.8	25.9	34.8	8.7	67.5	35.1
90.6	59.6	88.6	56.6	86.6	49.8	77.5	33.8	62.6	26.1	51.2	15.3	71.8	36.3
88.1	60.7	89.2	57.0	86.0	52.4	66.6	35.4	52.4	19.0	39.2	6.1	69.0	36.4
90.5	58.6	90.1	57.1	83.4	48.9	71.0	34.6	57.1	22.6	46.7	14.2	68.7	35.4
97.0	61.8	93.6	60.3	89.8	66.2	74.9	39.1	63.3	28.5	57.5	19.3	.....	.....
84.2	56.4	86.1	52.8	79.3	42.9	65.7	29.7	44.5	18.7	34.8	6.1	.....	.....

TABLE XXVIII—EXTREME MONTHLY TEMPERATURES

At Arkansas Valley Sub-Station, Rocky Ford, Colorado.

June		July		August		September		October		November		December	
Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
..	..	..	..	..	..	..	..	83	31	74	18	62	13
98	49	104	62	102	62	98	32	89	24	60	10	70	6
102	39	104	55	103	47	96	31	83	22	80	13	70	8
95	43	98	50	100	45	95	34	82	24	76	4	69	-4
97	36	102	50	104	43	98	36	89	25	77	14	73	-14
102	41	101	45	92	47	94	39	86	22	77	7	66	7
101	40	100	51	100	42	93	32	87	15	79	5	75	-23
97	42	98	46	97	48	100	28	82	16	76	-3	68	-10
101	41	98	54	100	49	97	38	85	14	81	-5	72	-10
..	..	..	..	99	46	98	42	88	24	80	10	74	-8
99	41	99	53	100	52	96	32	90	20	80	2	64	-17
105	43	102	53	99	45	99	35	92	22	74	19	70	-20
101	48	103	52	96	44	95	30	88	26	77	9	70	-21
105	43	103	57	100	53	93	33	84	28	76	15	75	-16
103	48	102	44	104	50	95	30	86	25	77	9	71	-7
97	39	101	41	101	49	96	29	89	22	76	-12	68	3
94	45	99	49	95	44	94	40	89	21	75	5	68	-12
100	50	96	48	100	51	91	36	90	16	78	7	60	4
99	39	98	49	98	47	90	41	88	13	78	-1	75	-5
94	38	97	51	96	52	96	36	89	26	74	9	68	-5
101	43	102	51	98	50	97	27	90	20	77	6	63	-4
99	44	102	55	98	54	93	35	89	24	78	-1	64	-13
100	41	101	54	98	39	95	37	90	13	81	16	67	7
99	45	95	54	100	47	99	36	90	14	72	-16	64	-26
105	36	104	41	104	39	100	27	92	13	81	-16	75	-26

**TABLE XXIX—MONTHLY MEAN TEMPERATURE AT ARKANSAS VALLEY SUBSTATION, ROCKY FORD, COLORADO.**

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1888	..	..	..	..	..	..	..	..	73.3	56.4	38.8	35.0	...
1889	20.2	29.1	45.6	54.0	60.8	72.4	74.7	73.4	60.2	50.6	32.4	35.0	50.7
1890	21.4	30.0	38.7	48.9	56.7	71.2	77.8	73.1	63.8	50.6	40.7	35.6	50.7
1891	23.6	31.0	39.7	50.9	60.6	68.4	73.7	73.3	67.6	53.0	38.5	30.7	50.9
1892	26.3	35.4	37.0	50.7	57.5	68.1	75.1	71.1	68.8	52.7	40.1	26.0	51.0
1893	35.3	33.2	41.7	50.6	59.1	73.8	78.4	71.9	65.4	53.0	38.3	34.6	52.7
1894	31.3	24.5	43.3	53.4	64.0	69.5	75.0	73.1	64.4	51.2	41.1	31.1	52.1
1895	26.7	24.4	39.5	53.5	60.5	68.2	70.3	71.8	68.0	51.5	36.7	30.0	50.1
1896	35.4	35.7	39.4	54.2	63.2	73.2	75.2	75.2	66.3	50.6	36.3	36.2	...
1897	25.9	34.8	39.8	50.2	..	..	..	70.2	69.3	54.0	41.7	26.7	...
1898	27.6	38.5	40.1	53.5	57.6	69.5	74.2	74.4	61.1	49.3	37.4	24.1	50.6
1899	27.4	16.9	40.2	52.7	62.0	70.9	72.5	73.7	65.8	53.9	43.9	27.1	50.6
1900	34.5	30.8	45.2	48.7	61.7	72.0	74.4	73.7	65.2	55.6	40.7	32.5	52.9
1901	31.1	28.6	40.8	51.8	61.4	71.8	79.4	75.2	65.7	55.4	44.1	30.0	52.9
1902	29.8	37.8	42.1	53.6	63.9	71.3	71.1	75.6	62.0	53.7	41.7	30.5	53.0
1903	34.6	24.8	41.2	52.6	59.2	65.1	75.5	74.2	62.9	51.6	39.0	33.0	51.2
1904	28.6	38.5	45.3	51.2	59.4	66.4	72.9	71.7	66.0	54.3	41.8	32.5	52.4
1905	27.4	21.1	45.1	49.0	59.3	72.5	72.5	74.6	66.8	49.8	44.3	27.9	51.1
1906	34.8	36.0	34.8	51.5	61.0	69.9	71.9	73.0	64.7	51.0	39.2	36.5	52.0
1907	32.0	39.0	48.6	48.4	55.0	67.6	74.1	73.1	66.6	54.6	40.3	31.9	52.6
1908	32.1	34.6	47.5	52.0	58.5	72.0	74.1	73.7	66.0	51.0	37.0	30.6	52.4
1909	34.3	34.2	38.7	48.6	57.1	69.4	76.6	75.7	64.3	53.5	41.4	21.8	51.3
1910	31.3	31.4	51.7	54.1	59.4	71.2	75.1	72.6	68.2	55.7	44.4	33.3	54.0
1911	38.0	31.5	46.5	52.5	64.5	73.2	74.4	73.1	69.2	51.0	35.7	22.7	52.7
Average	30.0	31.5	42.3	51.6	60.1	70.4	74.5	73.5	65.9	52.8	39.8	30.6	51.9
Maximum	38.0	39.0	51.7	54.2	64.5	73.8	79.4	75.7	73.3	56.4	44.4	36.5	54.0
Minimum	20.2	16.9	34.8	48.4	55.0	65.1	70.3	70.2	60.2	49.3	32.4	21.8	50.1

**TABLE XXX—MONTHLY PRECIPITATION AT ARKANSAS VALLEY SUBSTATION, ROCKY FORD, COLORADO.**

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1888	..	..	..	..	..	..	..	..	..	..	..	..	..
1889	0.36	0.12	0.67	2.12	1.75	0.75	4.50	1.28	0.26	1.68	0.77	0.04	14.30
1890	0.34	0.15	0.15	2.97	0.29	0.77	1.14	0.71	0.08	0.00	0.30	0.00	6.93
1891	1.50	0.00	1.80	0.43	3.52	2.31	0.74	0.73	1.75	0.21	0.20	1.77	14.96
1892	0.50	0.80	1.50	0.73	3.26	3.31	1.99	3.18	0.00	0.95	0.50	0.46	17.10
1893	0.02	0.08	0.80	0.25	0.70	0.10	10.26	3.20	0.30	0.25	T	0.50	16.76
1894	0.10	0.95	0.45	0.60	4.25	0.70	1.40	0.25	0.80	0.00	0.04	0.65	10.19
1895	0.27	0.65	0.07	0.35	1.90	0.52	4.87	1.86	T	0.55	0.20	0.57	12.11
1896	0.32	0.18	0.23	0.55	1.12	0.17	2.09	0.47	1.85	1.92	0.00	0.70	9.94
1897	0.75	0.37	0.20	0.44	..	..	..	0.73	0.79	0.61	0.19	1.06	..
1898	0.10	0.00	0.16	1.06	2.71	3.16	2.52	0.92	1.55	1.36	0.37	0.96	16.17
1899	0.98	0.55	0.32	0.28	0.99	0.78	7.00	2.22	1.42	0.93	2.40	0.98	18.56
1900	T	0.52	0.37	7.15	2.28	1.47	1.77	1.05	0.08	0.60	0.06	2.4	15.59
1901	0.20	0.10	1.00	2.26	1.34	0.23	1.48	0.74	0.48	0.25	0.00	0.50	8.68
1902	0.18	0.57	1.78	0.18	4.02	0.60	0.72	2.72	0.46	0.80	0.41	0.33	12.77
1903	T	1.05	0.18	0.56	0.28	3.94	0.42	0.87	T	1.62	6.26	0.22	9.40
1904	T	T	0.77	0.81	2.03	2.20	1.75	0.23	2.34	0.50	0.00	0.31	11.04
1905	0.05	0.11	2.11	4.67	2.13	1.56	1.30	0.15	1.48	6.10	0.41	0.02	14.39
1906	0.23	0.10	0.92	5.59	0.59	0.54	2.05	1.21	1.64	1.57	0.22	T	14.66
1907	T	T	0.00	1.84	1.85	0.69	4.96	0.78	0.33	0.88	2.00	0.26	13.59
1908	0.18	0.35	T	0.14	0.89	1.16	2.65	2.89	0.00	1.96	0.85	0.04	11.12
1909	0.15	0.15	0.65	0.95	0.75	1.21	0.65	2.53	1.72	0.90	1.07	T	10.87
1910	T	0.17	0.35	2.40	2.00	0.27	3.58	1.57	0.00	T	0.43	T	10.77
1911	T	0.65	0.05	0.60	0.65	0.67	1.51	0.69	0.72	1.25	0.20	1.16	7.55
Average	0.28	0.33	0.63	1.61	1.79	1.26	2.74	1.36	0.76	0.91	0.47	0.47	12.61
Maximum	1.50	0.95	2.11	7.15	4.25	3.94	19.26	3.20	2.34	2.64	2.40	1.77	18.56
Minimum	T	0.00	0.00	0.14	0.28	0.23	0.42	0.25	0.00	0.00	0.00	0.00	6.93

**TABLE XXXI—MONTHLY MEAN TEMPERATURE AT PLAINS SUBSTATION, CHEYENNE WELLS, COLORADO.**

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1894.....	...	...	...	...	...	70.7	74.4	72.5	64.5	54.8	42.9	30.0	...
1895.....	24.3	23.2	38.2	52.3	59.7	65.9	69.0	71.6	67.6	50.6	34.8	26.7	47.8
1896.....	32.2	36.0	36.2	52.7	62.1	70.8	74.3	74.3	62.2	49.7	32.2	37.8	51.9
1897.....	25.9	31.7	35.2	48.0	62.0	68.9	74.1	70.0	69.0	53.6	39.8	26.6	50.4
1898.....	28.9	35.0	35.7	49.1	55.3	67.8	72.8	73.7	62.2	47.0	33.4	26.1	48.9
1899.....	26.4	14.9	34.9	49.8	59.5	68.8	71.8	75.6	66.3	53.4	43.4	28.1	49.4
1900.....	34.5	28.6	41.2	48.4	60.1	70.7	74.2	75.2	64.2	54.9	43.9	31.4	52.3
1901.....	30.2	24.7	36.0	47.8	58.7	71.6	78.9	74.3	64.0	54.0	43.4	29.5	51.1
1902.....	28.9	33.6	39.6	49.9	62.7	66.6	72.0	73.6	59.4	54.4	40.0	27.6	50.7
1903.....	32.0	20.9	36.2	48.5	56.0	62.0	73.4	72.4	64.0	53.0	41.3	34.1	49.5
1904.....	26.9	34.7	42.4	48.2	57.6	65.9	72.3	70.5	64.8	54.0	43.6	32.8	51.1
1905.....	27.3	18.8	44.9	47.6	55.0	69.7	69.8	74.5	67.4	48.7	43.5	30.3	49.8
1906.....	33.8	34.9	28.8	51.2	57.7	65.9	68.7	71.8	63.5	51.5	39.6	38.0	50.4
1907.....	30.1	36.5	46.8	47.8	53.4	66.4	74.5	74.1	64.8	54.8	40.4	43.0	52.8
1908.....	30.9	32.6	41.5	50.6	57.2	68.5	71.8	70.4	67.5	50.6	40.5	25.6	50.6
1909.....	26.4	33.2	35.9	45.7	55.6	66.4	74.6	74.3	63.0	50.9	40.4	18.0	48.7
1910.....	27.2	...	51.2	50.8	56.4	70.1	75.7	72.0	67.0	56.4	43.3	34.4	...
1911.....	33.8	29.2	44.6	49.2	60.9	73.3	73.5	73.0	68.7	48.5	34.7	24.7	51.2
Average...	29.5	29.3	39.4	49.3	58.2	68.3	73.1	73.0	65.0	52.3	40.1	30.3	50.6
Maximum...	34.5	36.5	51.2	52.7	62.7	73.3	78.9	75.6	69.0	56.4	43.9	43.0	52.8
Minimum...	24.3	14.9	28.8	45.7	55.0	62.0	68.7	70.0	59.4	47.0	33.2	18.0	48.7

November, 1900, 14 days; December, 21 days.  
 December, 1907, 15 days.

**TABLE XXXII—MONTHLY PRECIPITATION AT THE PLAINS SUBSTATION, CHEYENNE WELLS, COLORADO.**

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1894.....	...	...	...	...	...	0.48	1.99	1.03	0.14	0.14	T	0.55	.....
1895.....	0.67	0.27	0.16	1.67	1.49	3.10	6.38	1.27	T	0.21	0.30	0.42	15.79
1896.....	0.45	T	0.71	3.41	2.28	3.93	2.57	3.07	0.84	0.78	T	0.60	17.44
1897.....	0.26	0.10	1.58	1.20	1.44	2.55	4.19	3.24	0.92	2.73	0.10	0.20	18.18
1898.....	0.03	0.00	0.61	1.10	5.56	3.95	2.09	1.33	2.00	0.48	0.50	0.48	18.13
1899.....	0.47	0.36	0.39	0.03	2.88	1.89	3.67	0.55	0.78	T	2.49	0.55	14.06
1900.....	0.03	0.67	0.56	9.95	0.80	2.07	2.02	0.30	1.31	0.22	T	0.18	18.53
1901.....	0.15	0.38	0.71	4.02	1.18	0.90	2.63	2.59	1.12	0.49	0.02	0.25	14.44
1902.....	T	0.25	1.92	0.78	3.12	2.53	1.42	6.06	0.20	1.32	0.00	0.75	18.35
1903.....	0.34	0.79	0.23	0.94	3.71	2.63	1.87	1.89	T	T	0.75	0.13	13.28
1904.....	T	T	0.11	1.59	3.51	4.78	3.39	4.89	4.26	0.99	0.00	0.29	22.81
1905.....	0.14	0.35	2.00	5.16	2.13	2.58	2.02	1.12	2.41	0.40	0.00	T	18.31
1906.....	0.21	0.24	0.89	3.77	1.24	3.00	4.26	2.39	2.36	0.90	0.20	T	19.46
1907.....	T	T	0.13	0.72	1.10	2.86	1.98	0.95	1.28	0.25	0.25	0.20	9.72
1908.....	T	0.57	T	0.02	2.06	1.50	4.88	2.72	T	4.75	1.25	0.70	18.45
1909.....	0.42	0.16	1.85	1.45	1.96	8.62	3.63	0.78	2.93	1.15	1.43	0.27	24.82
1910.....	T	...	0.09	1.15	2.54	0.88	2.76	3.10	1.53	T	T	T	...
1911.....	T	1.34	T	1.10	0.99	1.23	2.87	2.36	0.44	1.14	0.25	2.10	13.82
Average...	0.19	0.44	0.70	2.18	2.18	2.70	3.02	2.20	1.25	0.89	0.42	0.43	16.60
Maximum...	0.67	1.34	2.00	9.95	5.56	8.62	6.38	6.06	4.26	4.75	2.49	2.10	24.82
Minimum...	T	0.00	T	0.02	0.80	0.48	1.42	0.30	T	T	0.00	T	9.72

**TABLE XXXIII—MONTHLY MEAN, MAXIMUM AND MINIMUM TEMPERATURES**  
**At Plains Sub-Station, Cheyenne Wells, Colorado.**

DATE.	January		February		March		April		May		June	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1894.....	..	..	..	..	..	..	..	..	..	..	87.9	53.5
1895.....	36.2	12.4	37.0	9.4	54.3	22.0	69.4	36.4	75.2	44.2	80.2	51.6
1896.....	47.1	19.2	50.5	21.4	50.3	22.0	69.8	35.5	76.1	48.2	87.4	54.2
1897.....	38.2	13.7	45.8	17.6	48.5	22.0	61.9	34.1	76.8	47.2	84.7	53.2
1898.....	43.3	14.5	52.2	17.8	52.9	18.5	64.2	34.0	67.3	43.4	80.9	54.6
1899.....	42.0	10.7	28.5	1.3	50.1	19.9	67.4	32.2	75.8	43.3	85.0	52.6
1900.....	47.9	21.4	42.3	14.8	56.4	26.1	59.2	37.6	74.1	46.1	85.0	56.4
1901.....	44.6	15.7	37.0	12.4	50.0	21.9	62.5	33.2	72.9	44.4	89.2	54.2
1902.....	44.1	13.7	49.0	18.1	53.1	26.0	65.6	34.2	78.1	47.2	78.7	51.5
1903.....	44.8	19.2	31.0	10.7	48.9	23.5	64.2	32.8	69.8	42.2	73.6	50.3
1904.....	43.3	10.5	53.3	16.0	60.1	24.8	65.0	31.5	70.8	44.4	80.2	51.6
1905.....	39.4	15.3	32.7	4.8	57.8	32.0	61.7	33.4	68.4	41.6	84.0	55.5
1906.....	48.4	19.3	51.6	18.2	39.4	18.2	68.1	34.3	73.5	41.9	82.6	49.3
1907.....	46.1	14.2	52.3	20.7	65.2	28.4	65.5	30.1	67.9	38.9	84.0	48.7
1908.....	45.8	15.9	47.7	17.6	58.1	24.9	70.1	31.1	74.0	40.4	85.6	51.4
1909.....	36.3	16.5	47.5	18.9	48.5	23.3	60.7	30.6	72.2	38.9	81.7	51.1
1910.....	38.5	15.9	..	..	70.6	31.8	68.1	33.3	70.0	42.9	86.4	53.8
1911.....	52.2	18.0	42.9	15.4	60.9	28.3	65.3	33.0	78.0	43.9	90.5	56.2
Average...	43.4	15.7	43.8	14.7	54.4	24.3	65.2	33.4	73.0	43.5	83.8	52.8
Maximum..	52.2	21.4	53.3	21.4	70.6	32.0	70.1	37.6	78.1	48.2	90.5	56.4
Minimum..	36.2	10.5	28.5	1.3	39.4	18.2	59.2	30.1	67.3	38.9	73.6	48.7

**TABLE XXXIV—EXTREME MONTHLY TEMPERATURES**  
**At Plains Sub-Station, Cheyenne Wells, Colorado.**

YEAR.	January		February		March		April		May	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1894.....	..	..	..	..	..	..	..	..	..	..
1895.....	56	-3	68	-15	79	-9	84	19	96	30
1896.....	61	-6	69	7	75	6	85	10	90	34
1897.....	61	-12	63	9	70	7	82	26	92	37
1898.....	69	0	70	4	72	-12	84	19	89	31
1899.....	61	-17	59	-20	76	6	83	15	91	26
1900.....	63	-6	62	-7	83	14	79	20	87	38
1901.....	64	-17	63	-14	79	3	83	9	84	30
1902.....	68	-14	67	-11	70	1	87	21	92	35
1903.....	70	3	53	-10	72	-2	79	14	84	30
1904.....	65	-11	77	-4	76	-1	79	19	88	31
1905.....	69	-14	82	-17	72	0	85	18	83	28
1906.....	67	0	70	2	68	18	83	25	89	34
1907.....	65	0	74	0	91	10	86	14	92	20
1908.....	61	0	71	-12	80	10	85	12	92	30
1909.....	54	-11	72	-6	63	2	84	21	89	18
1910.....	64	-5	..	..	89	14	91	21	88	29
1911.....	71	-18	70	-5	74	4	81	21	95	27
Extreme.....	71	-18	82	-26	91	-12	91	9	96	18

NOTE — Extreme temperatures of each year indicated in black faced type.

**TABLE XXXIII—MONTHLY MEAN, MAXIMUM AND MINIMUM TEMPERATURES**  
At Plains Sub-Station, Cheyenne Wells, Colorado.

July		August		September		October		November		December		Year	
Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
90.2	58.7	87.2	57.7	80.8	48.3	73.4	36.2	62.0	23.9	44.6	15.3	...	...
81.2	56.7	86.1	57.2	85.1	50.2	66.3	34.9	49.0	20.7	39.2	14.2	63.3	34.2
88.4	60.2	88.9	59.7	76.0	48.4	64.4	35.1	47.3	19.1	53.6	22.0	68.6	37.1
83.8	58.4	83.2	56.7	84.2	53.8	67.4	39.8	56.0	23.6	38.9	14.3	64.6	36.2
86.7	59.0	89.2	58.2	78.4	45.9	62.6	31.4	49.2	17.6	40.4	11.8	63.9	33.9
85.1	58.6	91.5	59.8	83.0	49.6	69.1	37.2	57.9	28.9	38.3	17.9	64.5	34.3
88.9	59.4	91.8	58.6	78.3	50.1	71.1	38.7	61.4	24.0	47.0	18.1	67.0	37.6
95.6	62.2	89.3	59.4	79.1	48.8	69.7	38.2	59.5	27.2	43.6	15.4	66.1	36.1
87.9	55.6	88.7	58.6	74.6	44.3	69.3	39.4	54.0	26.0	40.3	14.8	65.3	35.8
88.0	58.8	86.8	58.1	80.7	47.3	70.8	35.2	56.7	23.9	50.7	17.5	63.8	35.1
86.5	58.1	86.5	56.4	79.9	49.7	68.3	33.7	60.3	26.9	46.6	19.0	66.7	35.7
84.6	54.9	91.0	57.9	84.2	50.7	66.9	30.5	58.2	28.9	46.2	14.3	64.6	35.0
82.4	55.0	88.3	55.3	78.1	49.0	68.9	34.1	56.8	22.5	53.3	22.8	66.0	35.0
90.5	58.4	89.5	58.8	82.3	47.2	71.8	37.9	55.6	25.2	58.8	27.2	69.1	36.3
86.0	57.5	84.9	55.8	84.8	50.2	66.4	34.9	55.1	23.9	37.8	13.5	66.4	34.9
89.0	60.1	89.8	58.8	78.0	47.9	68.8	33.0	53.1	27.6	28.7	7.4	62.9	34.5
91.8	59.6	86.5	57.5	81.4	52.6	72.8	40.0	59.2	27.4	49.3	19.5	...	...
37.5	59.4	88.4	57.5	84.8	52.6	61.9	35.2	50.1	19.3	37.8	11.6	66.7	35.9
87.8	58.4	88.2	57.9	80.8	49.3	68.3	36.2	55.6	24.5	44.2	16.5	65.7	35.6
95.6	62.2	91.8	59.8	85.1	53.8	73.4	40.0	62.0	28.9	58.8	27.2	69.1	37.6
81.2	54.9	83.2	55.3	74.6	44.3	62.6	30.5	47.3	17.6	28.7	7.4	62.9	33.9

**TABLE XXXIV—EXTREME MONTHLY TEMPERATURES**  
At Plains Sub-Station, Cheyenne Wells, Colorado.

June		July		August		September		October		November		December	
Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
100	45	101	48	96	50	91	36	85	22	76	9	73	-14
96	38	97	50	97	48	104	25	79	17	70	4	62	-2
98	42	95	55	101	41	95	35	85	23	79	-11	66	12
98	43	103	48	96	51	96	37	88	21	79	3	64	-10
97	39	97	52	98	52	95	32	89	19	76	-12	68	-17
102	39	99	52	101	50	102	32	93	26	71	4	63	1
98	49	100	51	100	45	93	34	86	23	76	12	66	-16
103	38	103	58	109	54	90	30	83	26	76	16	72	-21
103	39	101	41	104	45	91	29	90	32	77	9	65	0
94	36	97	48	100	47	96	27	87	24	77	-6	70	1
94	43	96	51	94	41	92	32	81	18	72	12	69	-2
97	44	97	40	100	54	91	39	89	13	73	10	59	5
92	34	93	45	96	44	90	38	87	20	75	8	70	6
99	38	100	51	100	49	98	32	89	30	76	-3	72	15
100	40	97	48	97	50	97	24	86	23	76	7	47	-2
96	42	96	53	97	46	94	35	91	23	77	8	54	-11
99	40	101	43	95	39	94	40	89	16	80	11	65	9
100	50	97	55	101	34	97	50	86	13	63	-7	65	-18
103	34	103	40	109	34	104	24	93	13	80	-12	73	-21

**TABLE XXXV—MONTHLY MEAN, MAXIMUM AND MINIMUM TEMPERATURES**  
Near Long's Peak, Estes Park, Colorado.

DATE.	January		February		March		April		May		June	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1892	.....	.....	.....	.....	.....	.....	.....	.....	48.6	28.6	65.1	37.9
1893	.....	.....	27.4	9.0	36.3	14.3	40.8	19.9	53.7	27.8	69.5	37.3
1894	28.4	9.4	29.0	5.1	37.4	17.4	48.2	26.1	58.6	32.3	65.6	35.8
1895	27.7	11.0	30.0	7.1	35.6	14.3	50.6	28.5	54.9	39.9	62.6	35.3
1896	38.8	19.6	41.5	14.8	37.2	17.2	38.4	24.7	60.8	33.9	71.2	38.2
1897	35.4	12.3	29.7	8.6	33.0	15.3	43.1	21.9	57.9	32.2	62.5	36.7
1898	32.3	7.7	38.4	15.3	35.1	12.0	49.2	25.2	49.7	27.2	64.2	36.7
1899	30.9	12.6	23.9	7.0	33.6	14.0	46.6	24.3	54.6	29.2	64.3	36.0
1900	38.6	12.9	31.1	12.1	42.0	19.3	43.4	19.7	57.9	31.8	68.2	41.0
1901	34.4	12.4	31.8	10.2	33.6	14.2	43.3	20.8	55.3	32.5	64.3	37.9
1902	34.9	10.8	35.8	18.1	33.3	15.2	45.9	24.3	55.3	30.4	65.1	35.7
1903	35.3	13.7	22.4	-0.1	39.4	13.4	43.1	21.1	50.8	35.8	59.2	35.7
1904	30.0	8.6	36.7	16.9	40.9	17.1	47.0	21.7	51.4	29.4	60.4	34.8
1905	32.6	10.7	31.6	7.9	41.5	17.4	40.9	19.5	51.8	26.6	68.6	37.2
1906	36.2	11.6	35.0	8.9	34.3	8.1	44.9	21.2	54.6	29.2	63.8	32.4
1907	37.3	14.5	41.2	18.7	43.4	15.7	44.8	20.9	48.7	24.0	62.6	32.1
1908	44.1	20.9	39.7	15.7	41.0	10.7	49.1	23.6	52.7	27.5	61.7	32.4
1909	36.2	16.8	31.3	10.3	35.5	13.1	39.3	19.0	49.6	28.6	64.9	37.5
1910	36.8	14.4	36.3	9.6	52.3	23.1	48.7	22.7	56.5	38.1	68.2	24.4
1911	41.1	10.9	35.8	10.4	45.0	14.9	47.4	19.4	58.3	26.5	68.4	35.8
Average...	35.1	12.7	33.2	10.8	38.4	15.8	45.0	22.0	54.1	29.1	65.0	26.1
Maximum...	44.1	20.2	41.5	18.7	52.3	23.1	50.6	26.1	60.8	33.9	71.2	41.0
Minimum...	27.7	7.7	22.4	-0.1	33.0	8.1	38.4	19.0	48.6	24.0	59.2	32.4

**TABLE XXXVI—EXTREME MONTHLY TEMPERATURES**  
Near Long's Peak, Estes Park, Colorado.

YEAR.	January		February		March		April		May	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1892	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1893	42	-10	42	-9	58	-6	60	-2	70	9
1894	47	-14	45	-21	51	-10	64	10	72	19
1895	45	-17	49	-23	59	-6	62	1	69	12
1896	50	1	50	-7	56	-8	68	-8	78	19
1897	54	-14	48	-10	53	-11	60	1	68	23
1898	56	-21	52	0	53	-14	67	0	64	8
1899	46	-7	43	-33	54	-22	60	-1	65	17
1900	53	-12	41	-9	60	8	63	-9	70	19
1901	48	-20	45	-13	48	-6	63	-8	67	24
1902	51	-15	49	-5	45	0	63	5	67	15
1903	48	-7	40	-22	53	-8	57	-4	62	3
1904	45	-11	48	-13	52	8	61	1	65	20
1905	42	-13	52	-28	54	-4	61	4	70	13
1906	53	-12	54	-6	53	-23	61	2	69	18
1907	51	-12	49	1	59	5	60	-9	68	3
1908	55	6	55	-5	53	-6	63	0	70	11
1909	52	-14	50	-8	53	-12	54	-4	72	1
1910	51	-9	60	-20	62	0	69	10	73	14
1911	48	0	47	2	76	0	61	-2	70	14
Extreme.....	56	-21	60	-31	70	-23	69	-9	79	3

NOTE — Extreme temperatures of each year indicated in black faced type.

TABLE XXXV—MONTHLY MEAN, MAXIMUM AND MINIMUM TEMPERATURES  
Near Long's Peak, Estes Park, Colorado.

July		August		September		October		November		December		Year	
Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
70.1	42.9	...	...	...	...	...	...	...	...	...	...	...	...
74.3	39.9	68.1	40.6	64.8	34.4	49.2	26.5	38.7	18.5	33.7	18.7	...	...
71.4	41.4	70.3	40.6	61.2	34.2	51.5	29.8	44.9	25.4	33.1	13.3	50.0	25.9
67.6	40.4	69.8	41.0	64.3	35.5	50.6	24.2	37.4	16.4	28.5	13.5	48.3	24.3
68.3	41.1	70.4	41.2	61.2	34.9	53.2	26.3	37.1	18.9	43.1	18.3	51.8	27.4
67.7	41.6	63.5	43.6	66.2	34.8	53.2	26.1	44.7	23.7	33.1	12.9	49.2	25.5
65.4	41.3	71.8	41.5	66.0	35.2	50.3	26.6	36.8	16.9	31.7	8.4	49.2	24.3
68.7	40.6	69.9	42.0	67.6	35.4	49.1	25.5	47.2	23.9	37.7	13.8	49.5	25.3
69.5	40.6	71.2	41.3	60.7	33.3	53.4	27.5	44.3	22.6	36.4	16.9	51.4	26.5
74.3	42.7	69.3	42.3	61.9	31.9	54.6	28.2	46.8	22.7	33.6	13.5	50.3	25.9
67.7	36.9	70.1	39.0	63.5	30.7	52.7	26.1	41.9	15.4	37.8	14.4	50.4	24.6
70.1	40.5	71.9	38.7	62.1	31.6	53.5	25.3	43.4	19.9	37.4	15.9	49.1	25.1
67.6	35.6	69.2	39.9	66.9	33.7	53.1	25.3	49.4	19.9	35.6	13.6	50.7	25.1
66.8	37.2	71.0	38.8	61.5	33.1	42.4	19.1	47.7	16.3	33.6	5.7	48.8	24.4
65.5	36.2	69.0	35.7	60.6	33.4	51.4	22.3	39.7	14.4	40.3	16.7	49.9	24.6
71.7	38.0	69.8	38.0	66.4	34.0	60.7	36.8	48.1	28.8	41.6	24.0	53.0	27.7
66.5	38.0	65.9	40.8	64.0	34.1	49.0	23.5	41.5	14.8	37.0	12.1	51.0	25.3
74.3	42.5	71.6	43.0	62.5	34.6	58.2	29.3	49.3	17.9	30.2	8.4	50.3	25.1
73.2	35.9	71.5	36.2	64.5	31.8	59.9	24.4	50.5	12.9	44.1	7.3	55.2	23.7
67.9	39.0	70.5	38.0	65.6	35.1	52.2	19.8	41.4	11.3	35.3	4.2	52.4	22.0
69.4	39.6	69.7	40.1	63.8	34.0	52.5	26.0	43.1	19.0	36.0	13.0	50.5	24.8
74.3	42.9	71.9	43.6	67.6	35.5	60.7	36.8	50.5	28.8	44.1	24.0	55.2	27.7
65.4	35.6	63.5	35.7	60.6	30.7	42.4	19.1	36.8	11.3	28.5	4.2	48.3	22.0

TABLE XXXVI—EXTREME MONTHLY TEMPERATURES  
Near Long's Peak, Estes Park, Colorado.

June		July		August		September		October		November		December	
Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
81	22	77	35	78	30	75	19	63	14	51	-6	45	-8
75	29	80	35	75	32	70	21	62	15	57	-9	51	-19
76	22	79	32	71	35	76	17	64	12	56	-6	52	-16
85	29	78	36	78	28	74	15	67	15	62	-9	60	1
74	26	75	32	75	32	75	28	67	9	72	-4	48	-9
79	23	73	34	81	33	78	21	65	13	57	-12	51	-24
79	22	78	31	79	32	82	20	69	8	59	6	55	-9
84	32	78	37	79	33	72	23	64	11	55	13	50	-27
79	29	82	35	80	37	70	19	67	21	59	6	51	-14
77	26	81	27	83	33	74	13	65	10	60	-6	52	-2
76	19	76	31	75	29	75	12	65	4	55	-14	49	-4
70	26	76	28	75	24	73	22	67	9	56	-2	52	-6
76	29	76	21	71	32	70	25	55	5	55	-4	58	-13
78	25	78	27	75	27	73	26	67	3	53	-17	59	-7
71	23	80	31	78	29	73	17	72	*31	65	10	62	0
72	26	80	26	76	32	76	7	65	1	60	-8	56	-13
78	31	81	36	79	33	74	20	70	16	64	-4	48	-11
76	23	82	29	78	25	80	29	76	-10	56	1	58	0
80	29	74	28	79	25	78	22	64	-9	53	-7	61	-14
85	19	82	26	83	22	82	7	76	-10	72	-17	69	-27

\*18 days. †14 days.

TABLE XXXVII—MONTHLY MEAN TEMPERATURE NEAR LONG'S PEAK, ESTES PARK, COLORADO.

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1892					38.5	51.5	56.5						
1893		18.2	25.3	30.4	40.7	53.4	57.1	54.4	49.6	37.8	28.6	26.2	
1894	18.9	17.0	27.4	37.2	45.4	50.7	56.4	55.4	47.7	40.6	35.2	32.2	37.9
1895	19.3	18.5	25.0	37.0	42.4	48.9	54.0	55.4	49.9	37.4	26.9	21.0	36.3
1896	20.2	28.2	27.2	31.6	47.3	54.7	54.7	55.8	48.0	39.6	28.0	30.7	39.6
1897	23.8	19.1	22.6	32.5	45.0	49.6	54.7	63.5	50.5	39.6	34.2	29.6	37.3
1898	20.0	26.8	33.6	36.3	38.4	50.5	53.4	56.6	50.4	38.5	27.2	20.0	36.8
1899	21.7	15.4	33.8	35.4	41.9	50.2	54.6	56.0	51.5	37.5	35.1	25.5	37.4
1900	25.8	21.6	30.6	31.6	44.9	54.6	54.8	56.2	47.0	40.5	33.4	26.2	38.9
1901	23.4	21.0	33.9	32.0	43.9	51.1	58.5	55.8	47.4	41.4	35.1	23.6	38.1
1902	22.8	26.9	22.8	35.6	42.8	50.4	52.3	54.5	47.1	39.4	29.2	26.1	37.5
1903	24.5	11.2	26.4	32.1	38.3	47.5	55.5	55.3	46.9	39.5	31.7	26.6	36.3
1904	19.3	26.8	31.5	34.4	40.4	47.6	51.6	54.6	50.3	39.5	34.5	24.6	37.9
1905	21.6	19.4	29.4	30.2	39.2	52.9	52.0	54.9	47.3	30.7	29.5	19.6	35.6
1906	23.9	23.5	21.2	33.0	41.9	48.2	50.8	52.4	47.0	37.0	27.1	38.5	36.2
1907	25.9	29.9	32.7	32.8	36.3	47.5	54.9	53.9	50.2	37.0	34.8	32.8	40.3
1908	32.1	27.7	30.4	36.3	40.1	47.6	52.2	53.3	49.4	36.2	28.8	24.5	38.2
1909	26.5	20.8	24.3	29.2	39.3	51.9	58.3	57.3	48.6	43.7	33.6	19.3	37.7
1910	25.6	22.9	37.7	35.7	42.3	51.9	54.5	53.9	49.6	42.4	31.7	25.7	39.5
1911	25.5	23.1	29.9	33.4	42.4	52.1	53.4	54.2	50.4	36.0	26.4	19.8	37.2
Average	23.9	22.0	27.1	33.5	41.6	50.6	54.5	54.9	48.9	39.2	31.3	24.6	37.7
Maximum	29.2	29.9	37.7	37.2	47.3	54.7	58.5	57.3	51.5	48.8	38.4	32.8	40.3
Minimum	18.9	11.2	21.2	29.2	36.3	47.5	50.8	52.4	46.9	40.7	26.4	19.3	35.6

\*18 days. †14 days.

TABLE XXXVIII—MONTHLY PRECIPITATION NEAR LONG'S PEAK, ESTES PARK, COLORADO.

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1891				1.80								1.00	
1892	0.75	1.35	1.20	2.02	3.40	1.90	3.65	0.67	0.08	0.55	0.85	0.42	16.64
1893	1.00	1.90	0.92	1.60	2.50	0.50	1.00	2.05	1.00	0.40	1.40	0.62	14.89
1894	0.40	0.65	1.40	1.65	8.90	0.45	4.10	2.90	2.47	0.35	0.82	0.97	25.06
1895	0.75	1.85	1.55	1.47	4.95	2.70	4.61	1.52	1.10	2.60	0.50	1.18	23.78
1896	0.62	0.55	2.40	1.35	1.16	0.65	3.60	2.95	1.95	1.05	0.28	0.15	16.81
1897	1.55	1.20	1.96	1.25	1.60	1.50	1.85	1.29	0.95	1.10	0.55	0.25	15.15
1898	0.40	0.45	0.59	1.73	1.82	2.06	2.94	1.53	0.81	0.60	1.60	0.60	15.13
1899	0.52	1.05	2.97	1.10	0.38	1.09	3.32	1.73	0.11	2.31	0.03	0.62	15.23
1900	0.18	0.82	0.35	6.34	0.55	0.80	0.48	0.17	1.83	1.04	0.32	0.62	13.50
1901	0.69	0.40	1.00	1.80	1.73	1.47	0.85	2.22	1.59	0.95	0.18	0.91	13.79
1902	0.35	1.00	1.36	1.32	2.90	1.40	2.40	2.79	4.42	1.60	1.00	0.75	21.29
1903	0.15	1.70	1.65	2.55	0.80	3.54	2.00	0.85	2.33	2.38	0.70	0.20	18.85
1904	0.26	0.91	1.45	0.87	5.30	2.75	1.96	6.49	1.45	2.40	T	0.94	24.78
1905	1.87	1.23	3.70	6.20	3.43	0.47	1.95	1.75	0.46	5.31	0.20	0.00	26.57
1906	0.46	0.20	4.80	4.86	1.45	0.41	3.28	1.75	2.18	2.20	1.50	0.20	23.23
1907	0.90	2.30	3.40	5.20	5.39	0.86	3.50	1.65	0.70	0.70	0.80	1.60	27.00
1908	0.71	0.30	1.30	0.70	1.95	1.75	3.69	4.00	0.90	1.41	1.70	1.40	20.29
1909	1.80	1.85	5.40	6.00	1.94	1.18	3.99	2.99	1.70	0.10	1.76	T	28.71
1910	1.00	0.30	0.80	1.66	5.10	2.61	4.59	1.75	0.15	1.45	0.30	0.70	20.41
1911	1.60	1.10	1.40	3.30	0.73	1.72	3.12	1.75	0.96	2.63	3.00	0.80	22.11
Average	0.75	1.06	1.98	2.61	2.80	1.49	2.84	2.14	1.36	1.56	0.88	0.62	20.14
Maximum	1.87	2.30	5.40	6.34	8.90	3.41	0.48	0.17	0.08	0.10	T	0.00	13.50
Minimum	0.15	0.20	0.25	0.70	0.38	0.41	0.48	0.17	0.02	0.10	T	0.00	13.50



TABLE XXXIX.—MONTHLY MEAN TEMPERATURE  $\frac{1}{2}$  (12M+7A)  
AT COWDREY, NORTH PARK, COLORADO.

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1893.....	19.6	19.0	29.9	33.6	....	....	....	....	....	....	....	....	....
1894.....	....	....	....	....	....	....	....	....	....	....	....	....	....
1895.....	19.6	19.4	28.0	....	....	....	60.2	62.0	54.9	42.3	28.4	17.4	....
1896.....	25.4	23.1	28.2	28.6	48.0	58.6	63.8	61.5	52.3	43.7	27.4	28.3	41.6
1897.....	18.2	23.5	27.3	40.2	53.4	56.5	61.2	61.9	57.7	43.6	35.7	20.0	41.6
1898.....	16.8	27.5	26.2	42.5	47.5	60.4	65.8	64.0	53.1	38.2	26.4	13.2	38.7
1899.....	21.8	19.1	30.8	40.1	46.7	56.6	64.3	60.4	54.6	41.3	36.4	19.1	40.9
1900.....	22.9	22.8	35.4	43.4	52.4	62.9	63.5	60.7	54.6	43.3	34.0	22.2	43.2
1901.....	23.0	24.5	29.7	40.4	53.1	58.4	70.5	63.3	51.0	44.1	34.3	22.8	42.9
1902.....	20.5	28.9	28.7	39.8	51.2	59.4	59.9	61.4	51.2	42.0	31.2	22.9	41.4
1903.....	20.8	14.1	31.3	39.9	46.0	58.3	61.7	60.6	49.4	42.2	34.1	24.5	40.2
1904.....	19.5	28.3	32.4	42.2	49.5	54.5	60.4	61.2	52.0	41.1	33.3	23.8	41.5
1905.....	26.1	20.2	36.2	40.2	46.9	59.7	61.7	62.7	54.8	38.1	34.9	14.7	41.4
1906.....	21.0	26.6	30.6	41.7	48.6	53.6	56.9	54.5	48.2	35.4	26.1	24.1	38.9
1907.....	11.9	25.3	31.2	34.5	37.8	47.2	55.0	52.6	45.7	38.9	23.8	17.1	35.9
1908.....	13.0	14.9	25.9	33.9	38.3	45.5	54.3	52.3	45.9	31.3	20.2	16.1	32.6
1909.....	20.8	18.6	24.7	30.4	37.5	49.3	56.4	55.2	45.0	35.2	26.3	7.5	33.9
1910.....	12.1	12.4	32.0	34.6	40.7	50.3	55.8	53.3	47.9	35.4	30.3	13.4	34.8
1911.....	17.5	13.2	26.9	32.3	41.2	51.0	53.1	50.8	46.1	32.4	18.4	7.4	32.5
Average.....	20.0	21.2	29.7	38.1	46.2	56.1	60.3	58.7	50.9	39.3	29.5	18.5	39.0
Maximum.....	26.1	28.9	36.2	43.4	53.4	62.9	70.5	64.0	57.7	44.1	36.4	28.3	43.2
Minimum.....	12.1	12.4	24.7	30.4	37.5	45.5	53.1	50.8	45.0	31.3	18.4	7.4	32.5

TABLE XL.—MONTHLY PRECIPITATION AT COWDREY, NORTH  
PARK, COLORADO.

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1890.....	....	....	....	....	....	....	....	....	....	0.43	0.23	0.27	....
1891.....	....	....	....	....	2.67	0.63	1.61	1.37	1.54	0.78	1.35	....	....
1892.....	....	....	....	....	....	....	....	....	....	....	0.55	1.82	....
1893.....	0.60	0.90	1.20	2.20	1.15	0.80	1.18	2.16	0.21	2.38	0.75	2.15	15.68
1894.....	1.30	1.20	3.10	3.80	0.37	0.43	1.33	0.88	1.24	0.63	0.60	0.50	15.38
1895.....	1.40	0.65	2.40	1.59	1.73	1.67	1.02	1.58	0.41	0.67	1.65	0.70	15.47
1896.....	0.37	0.55	1.05	1.95	1.52	0.70	1.81	2.28	2.02	0.52	0.60	0.30	13.67
1897.....	1.50	1.35	2.20	1.95	2.06	2.62	2.41	1.38	0.35	0.45	1.10	2.00	19.37
1898.....	0.45	0.52	1.30	0.33	2.10	0.66	0.50	0.82	0.15	1.51	2.10	1.50	11.94
1899.....	3.33	3.60	2.60	1.60	0.27	0.60	1.18	0.91	0.30	3.09	T	1.17	18.65
1900.....	1.00	3.00	1.20	4.65	0.79	0.85	0.09	0.43	0.71	0.69	0.84	0.80	14.65
1901.....	0.55	1.65	3.25	3.25	1.07	1.05	0.20	2.58	0.17	1.07	0.60	2.10	17.54
1902.....	1.00	1.20	2.40	0.85	0.63	0.16	1.29	0.81	1.11	0.62	0.10	1.75	11.92
1903.....	1.86	1.10	0.70	2.12	1.83	0.72	0.79	0.43	2.68	1.00	1.30	0.75	15.22
1904.....	1.50	0.95	1.70	1.40	0.75	1.74	1.18	2.64	0.80	0.60	0.00	1.20	14.46
1905.....	1.45	1.70	1.90	3.00	0.90	0.36	1.66	0.15	1.48	1.35	0.90	1.50	16.35
1906.....	2.20	0.40	1.90	3.20	0.91	0.85	1.90	0.72	1.52	0.90	0.50	0.00	15.00
1907.....	0.80	1.35	1.70	1.66	1.37	0.00	1.79	1.11	1.48	0.23	0.00	1.90	12.89
1908.....	0.70	0.00	1.50	0.39	1.68	0.45	0.70	1.30	1.16	0.81	0.45	1.90	11.04
1909.....	2.60	1.80	4.20	2.50	1.38	1.15	1.56	2.27	1.00	0.36	1.05	1.40	21.27
1910.....	0.75	0.20	0.20	0.90	0.90	0.40	1.27	1.01	2.20	0.43	0.55	1.20	10.01
1911.....	1.15	1.20	0.90	1.20	0.29	1.78	1.30	1.48	1.24	0.83	1.50	0.65	13.52
Average.....	1.26	1.23	1.86	2.03	1.14	0.89	1.22	1.31	1.06	0.95	0.77	1.24	14.96
Maximum.....	3.33	3.60	4.20	4.65	2.67	2.62	2.41	2.64	2.68	3.09	2.10	2.15	21.27
Minimum.....	0.30	0.00	0.20	0.33	0.27	0.00	0.09	0.15	0.15	0.23	0.00	0.00	10.01

TABLE XLI—MONTHLY MEAN, MAXIMUM AND MINIMUM  
TEMPERATURES\*  
At Cowdrey, North Park, Colorado.

DATE.	January		February		March		April		May		June	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1893.....	30.2	8.9	29.4	8.5	43.8							
1894.....						16.0	42.7	24.4				
1895.....	29.1	10.1	30.4	8.3	41.1							
1896.....	34.4	16.4	36.2	10.0	38.6	15.0						
1897.....	29.7	6.8	34.5	12.5	39.3	17.7	50.3	26.9	59.8	36.3	73.8	43.4
1898.....	29.8	3.9	38.8	16.2	37.1	15.3	53.8	26.5	68.4	38.5	69.1	43.9
1899.....	30.0	13.6	29.7	8.6	41.6	15.3	56.2	28.8	58.6	36.3	76.8	44.0
1900.....	36.1	9.7	33.1	12.5	49.3	20.0	56.1	24.2	58.0	35.4	71.1	42.0
1901.....	33.8	11.9	36.7	12.3	42.2	21.5	59.0	27.8	67.0	37.7	80.0	45.8
1902.....	34.4	6.7	40.0	17.9	42.0	16.6	55.1	25.8	67.6	38.5	73.1	43.7
1903.....	32.2	9.3	27.6	0.5	45.4	15.4	52.4	27.3	66.2	36.3	75.1	43.7
1904.....	28.9	10.2	36.8	19.8	42.0	17.3	52.2	27.6	57.9	34.1	72.6	49.1
1905.....	35.7	16.6	35.2	5.1	48.1	22.8	54.4	30.0	62.6	36.4	68.4	40.5
1906.....	35.9	6.1	42.6	10.6	45.9	24.3	50.8	29.6	58.9	34.9	75.9	36.6
1907.....	31.8	12.0	37.9	12.8	41.7	15.2	57.1	26.3	63.9	33.3	70.6	33.6
1908.....	27.5	-1.5	31.0	-1.2	38.3	20.7	46.1	23.0	51.9	23.6	63.5	30.9
1909.....	31.5	10.0	34.2	2.9	43.6	13.5	49.9	17.9	52.7	23.8	63.0	28.9
1910.....	25.2	-0.9	26.6	-1.8	49.8	5.8	45.9	14.8	52.1	22.8	66.0	32.7
1911.....	28.8	6.2	29.6	-3.2	40.8	14.2	53.9	15.3	58.8	22.5	72.3	28.3
						13.0	48.1	16.5	60.4	22.0	69.4	32.6
Average...	31.4	8.7	33.9	8.5	42.8	16.7	52.0	24.3	60.3	32.0	71.3	39.0
Maximum..	36.1	16.6	42.6	19.8	49.8	24.3	59.0	30.0	68.4	38.5	80.0	45.8
Minimum..	25.2	-1.5	26.6	-3.2	37.1	5.8	42.7	14.8	51.9	22.0	63.0	28.0

\*These temperatures are read at about the time of the maximum and minimum of the day.

TABLE XLII—EXTREME MONTHLY TEMPERATURES  
At Cowdrey, North Park, Colorado.

YEAR.	January		February		March		April		May	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1893.....	45	-20	48	-20	60	-18	58	8		
1894.....										
1895.....	48	-24	54	<b>33</b>	70	-12				
1896.....	45	-6	48	-11	52	-18	66	-2	74	20
1897.....	50	-17	52	-7	65	-9	81	2	82	29
1898.....	48	-25	54	-4	55	-10	75	8	78	16
1899.....	46	-12	53	<b>42</b>	62	-15	76	4	72	16
1900.....	48	-19	51	-23	74	9	78	2	82	29
1901.....	50	-16	56	<b>21</b>	64	-4	76	-7	84	22
1902.....	50	-17	58	-4	62	-10	74	6	82	18
1903.....	44	-12	48	<b>24</b>	71	-21	68	12	78	24
1904.....	46	-4	52	<b>24</b>	55	-4	70	13	76	24
1905.....	50	-8	54	<b>40</b>	63	-2	66	9	80	22
1906.....	54	<b>20</b>	58	-8	70	-18	74	9	80	18
1907.....	44	-3	42	-10	60	-2	64	4	68	9
1908.....	42	<b>28</b>	40	-23	54	-12	67	3	67	8
1909.....	46	-28	46	-18	62	-25	59	-19	66	4
1910.....	44	<b>34</b>	38	-31	62	-4	70	5	78	8
1911.....	45	-34	44	-35	50	-16	64	-1	72	10
Extreme.....	54	-34	58	-35	74	-25	81	-19	84	4

NOTE—Extreme temperatures of each year indicated in black faced type.

**TABLE XLI—MONTHLY MEAN, MAXIMUM AND MINIMUM TEMPERATURES**  
**At Cowdrey, North Park, Colorado.**

July		August		September		October		November		December		Year	
Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
....	....	....	....	....	....	....	....	....	....	....	....	....	....
74.0	46.3	78.2	45.9	71.2	38.6	59.1	25.5	39.5	17.3	27.4	7.3	....	....
78.1	49.5	76.6	46.4	66.4	38.2	60.1	27.3	35.4	19.3	39.2	17.4	54.1	29.1
75.9	46.6	79.2	44.6	73.2	42.2	57.0	30.3	44.8	26.6	27.5	12.6	54.4	28.9
81.6	49.9	81.5	46.4	73.6	33.3	49.6	26.8	37.2	15.6	24.7	1.7	53.8	26.5
79.7	48.8	77.2	43.5	74.2	34.9	53.2	29.1	48.5	24.3	28.7	9.4	54.0	27.9
81.1	46.0	78.6	42.7	71.3	37.9	57.6	28.9	45.8	22.2	33.6	10.8	57.7	28.6
90.7	49.4	78.3	48.3	67.7	34.3	59.2	29.0	45.9	22.8	31.3	14.3	56.8	28.9
76.5	43.3	77.9	44.9	66.2	36.1	55.3	28.6	41.1	21.4	32.2	13.6	54.9	27.9
76.8	46.6	78.2	43.0	63.8	35.0	58.0	26.4	46.0	21.7	34.7	14.3	53.8	26.7
75.9	44.6	76.3	46.1	67.7	36.2	55.7	26.5	49.7	17.0	33.8	13.8	54.4	28.7
77.6	45.8	79.7	45.7	72.0	37.5	51.8	24.3	49.0	20.7	29.3	0.0	55.3	27.3
74.4	39.5	73.2	35.7	64.6	31.8	50.5	20.4	39.0	13.1	35.0	13.2	54.4	23.5
72.9	37.1	70.3	34.9	63.8	27.6	57.1	20.7	40.0	7.5	29.8	4.4	50.6	21.3
73.1	35.5	69.1	35.5	64.2	27.7	46.3	16.3	35.7	4.8	26.4	5.8	48.1	17.2
77.1	35.7	73.6	36.8	62.1	27.9	56.8	13.6	41.9	10.7	21.4	-6.5	50.5	17.3
76.8	34.8	74.2	32.4	66.3	29.5	54.1	16.8	42.9	17.7	27.7	-0.9	52.4	17.3
71.0	35.1	71.0	30.6	64.9	27.3	48.6	16.1	30.8	6.1	24.3	-9.6	49.0	16.1
77.2	43.2	76.1	41.4	67.8	33.9	54.7	23.9	42.0	17.0	29.8	7.2	53.3	24.6
90.7	49.9	81.5	48.3	74.2	42.2	60.1	30.3	49.7	26.6	39.2	17.4	57.7	29.1
71.0	34.8	69.1	30.6	62.1	27.3	46.3	13.6	30.8	4.8	21.4	-9.6	48.1	16.1

**TABLE XLII—EXTREME MONTHLY TEMPERATURES**  
**At Cowdrey, North Park, Colorado.**

June		July		August		September		October		November		December	
Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
86	34	88	38	86	36	86	16	72	2	68	-4	55	-20
83	33	86	37	87	36	84	28	78	5	68	10	59	-24
90	32	94	40	90	37	92	20	72	8	70	-12	54	-27
90	30	91	40	86	28	88	26	76	16	64	7	44	-28
94	37	94	32	88	34	92	25	69	14	61	-2	50	-30
98	32	100	36	98	39	82	22	74	22	60	10	46	-13
86	28	92	32	92	36	78	18	76	18	62	-2	52	-14
86	30	94	33	90	32	82	20	74	4	62	-3	48	-4
81	32	89	34	89	24	84	24	74	12	66	-4	50	-14
88	32	90	32	89	37	84	30	76	8	66	-4	49	-18
82	25	86	30	86	20	77	21	68	6	54	-19	48	-14
72	24	80	30	80	26	78	13	68	10	54	-14	46	-30
71	20	84	22	85	15	78	9	64	-9	50	-16	39	-27
80	26	90	26	84	28	76	11	72	-6	62	-10	36	-56
86	18	87	24	80	14	76	11	76	-1	54	-4	46	-31
80	20	79	19	80	20	78	12	64	-6	44	-30	37	-42
98	18	100	19	98	14	92	9	78	-9	70	-30	55	-56

TABLE XLIII—MONTHLY PRECIPITATION AT DENVER, COLORADO. U. S. WEATHER BUREAU.  
Elevation 5,272 Feet.

Date.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1870	1.80	1.70	0.71	2.80	0.24	0.52	0.51	0.12	2.85	0.88	0.54	0.73	12.29
1871	0.59	0.22	1.51	2.26	2.74	0.52	0.51	0.27	1.18	0.68	0.54	0.77	3.35
1872	1.27	0.52	1.71	2.09	2.74	2.04	2.49	1.74	1.57	0.88	0.69	0.29	18.05
1873	0.33	0.23	0.25	2.73	0.73	2.27	2.49	1.44	0.89	0.23	0.16	0.29	11.81
1874	0.38	0.53	0.42	1.54	1.21	1.21	3.25	0.62	1.34	0.64	0.08	0.17	17.46
1875	0.33	0.00	0.39	2.36	1.53	0.43	3.33	0.99	2.60	0.32	1.28	0.59	17.25
1876	0.21	0.11	1.30	1.25	3.24	1.10	1.36	1.33	0.60	0.12	1.50	1.70	20.12
1877	1.27	0.40	1.82	2.65	3.30	1.93	1.33	2.39	0.38	2.50	0.67	0.79	16.28
1878	1.10	0.48	1.82	2.78	2.32	2.32	1.33	1.33	1.23	0.32	0.32	1.05	15.81
1879	0.39	0.39	1.90	1.98	3.36	2.32	1.36	1.33	0.85	1.37	0.21	0.33	10.88
1880	0.38	0.32	1.90	2.31	1.32	1.32	1.36	1.33	0.85	1.37	0.21	0.33	10.88
1881	0.47	1.22	0.27	0.21	3.23	1.62	1.36	1.33	0.85	1.37	0.21	0.33	10.88
1882	0.47	0.20	0.27	1.47	2.23	4.92	2.36	1.33	0.85	1.37	0.21	0.33	10.88
1883	0.25	0.45	0.23	1.47	4.30	1.37	1.36	1.33	0.85	1.37	0.21	0.33	10.88
1884	0.35	0.20	0.37	3.39	3.41	1.37	1.36	1.33	0.85	1.37	0.21	0.33	10.88
1885	0.43	0.75	2.37	2.74	1.13	2.32	1.36	1.11	1.12	0.13	0.15	0.76	11.07
1886	0.62	0.72	2.37	2.74	1.13	2.32	1.36	1.11	1.12	0.13	0.15	0.76	11.07
1887	0.91	0.72	2.37	2.74	1.13	2.32	1.36	1.11	1.12	0.13	0.15	0.76	11.07
1888	0.91	0.72	2.37	2.74	1.13	2.32	1.36	1.11	1.12	0.13	0.15	0.76	11.07
1889	0.51	0.27	1.15	1.51	3.66	0.33	2.49	1.58	0.97	0.37	0.23	0.14	13.49
1890	0.59	0.70	0.35	2.24	3.66	1.38	2.49	1.33	0.11	0.77	0.23	0.09	14.75
1891	0.59	0.70	0.35	2.24	3.66	1.38	2.49	1.33	0.11	0.77	0.23	0.09	14.75
1892	1.00	0.71	2.50	2.49	2.49	1.38	1.54	1.33	0.73	0.44	0.20	0.30	16.47
1893	0.72	0.71	2.50	2.49	2.49	1.38	1.54	1.33	0.73	0.44	0.20	0.30	16.47
1894	0.52	0.53	1.53	1.72	3.15	1.33	1.14	1.23	0.73	0.32	0.20	1.56	21.33
1895	0.42	0.53	1.53	1.72	3.15	1.33	1.14	1.23	0.73	0.32	0.20	1.56	21.33
1896	0.18	0.33	0.73	0.30	3.09	0.13	1.14	0.33	0.05	0.34	0.51	0.35	18.48
1897	0.32	0.39	1.19	3.30	3.30	2.32	2.48	1.26	1.55	0.19	0.27	0.69	16.09
1898	0.32	0.39	1.19	3.30	3.30	2.32	2.48	1.26	1.55	0.19	0.27	0.69	16.09
1899	0.32	0.39	1.19	3.30	3.30	2.32	2.48	1.26	1.55	0.19	0.27	0.69	16.09
1900	0.58	0.34	0.60	1.31	3.27	0.80	2.68	0.99	1.81	0.34	0.10	0.21	11.34
1901	0.58	0.34	0.60	1.31	3.27	0.80	2.68	0.99	1.81	0.34	0.10	0.21	11.34
1902	0.58	0.34	0.60	1.31	3.27	0.80	2.68	0.99	1.81	0.34	0.10	0.21	11.34
1903	0.58	0.34	0.60	1.31	3.27	0.80	2.68	0.99	1.81	0.34	0.10	0.21	11.34
1904	0.58	0.34	0.60	1.31	3.27	0.80	2.68	0.99	1.81	0.34	0.10	0.21	11.34
1905	0.58	0.34	0.60	1.31	3.27	0.80	2.68	0.99	1.81	0.34	0.10	0.21	11.34
1906	0.58	0.34	0.60	1.31	3.27	0.80	2.68	0.99	1.81	0.34	0.10	0.21	11.34
1907	0.58	0.34	0.60	1.31	3.27	0.80	2.68	0.99	1.81	0.34	0.10	0.21	11.34
1908	0.58	0.34	0.60	1.31	3.27	0.80	2.68	0.99	1.81	0.34	0.10	0.21	11.34
1909	0.58	0.34	0.60	1.31	3.27	0.80	2.68	0.99	1.81	0.34	0.10	0.21	11.34
1910	0.58	0.34	0.60	1.31	3.27	0.80	2.68	0.99	1.81	0.34	0.10	0.21	11.34
1911	0.58	0.34	0.60	1.31	3.27	0.80	2.68	0.99	1.81	0.34	0.10	0.21	11.34
Normal	0.49	0.51	1.03	2.06	2.44	1.36	1.69	1.32	1.02	0.90	0.62	0.61	14.05
Av. last 25 yrs.	0.35	0.48	1.04	2.05	2.25	1.32	1.79	1.28	1.00	1.00	0.44	0.51	13.35
Maximum	2.35	1.70	3.10	8.94	8.57	4.96	4.32	3.19	3.78	3.32	3.10	2.32	23.96
Minimum	0.04	0.04	0.11	0.05	0.09	0.16	0.01	0.05	0.12	0.12	0.00	0.00	7.75

**TABLE XLIV—MONTHLY PRECIPITATION AT HAMPS, ELBERT COUNTY, COLORADO.**  
Elevation 5,500 Feet.

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1893.....	0.02	0.08	0.02	0.24	1.60	0.70	3.97	1.23	0.27	0.16	0.04	0.19	7.62
1894.....	0.07	0.29	0.54	1.11	4.10	0.51	1.65	1.23	1.19	0.05	0.02	0.17	10.93
1895.....	0.15	0.42	0.28	0.85	2.05	3.79	4.07	2.08	0.12	0.15	0.10	0.11	14.70
1896.....	0.52	0.30	1.25	1.22	1.05	0.70	3.42	2.80	0.65	0.57	0.02	0.28	12.78
1897.....	0.14	...	...	0.49	0.70	1.68	1.35	6.21	0.42	0.96	T	0.22	...
1898.....	0.04	0.02	0.20	0.96	3.80	1.03	1.84	1.61	1.17	0.90	0.28	0.72	12.57
1899.....	0.90	0.19	2.26	1.30	0.30	1.13	2.50	2.19	0.19	0.49	0.51	0.71	12.67
1900.....	0.09	0.60	0.86	11.30	1.25	2.20	1.94	0.91	0.65	0.09	0.25	1.03	21.17
1901.....	0.34	0.07	1.50	4.24	0.83	0.98	0.38	2.58	0.52	0.81	T	0.69	12.89
1902.....	0.23	0.13	1.37	1.03	4.97	2.52	0.62	1.68	1.37	0.91	0.22	0.98	17.03
1903.....	0.20	0.76	0.21	0.53	0.75	3.73	1.90	2.40	0.44	0.53	0.09	0.14	10.77
1904.....	0.03	0.07	0.06	0.71	3.08	2.70	2.69	3.09	2.37	0.62	T	0.09	15.61
1905.....	0.08	0.58	3.48	4.86	3.98	2.04	4.72	1.27	2.23	0.23	0.13	T	23.60
1906.....	0.38	0.90	2.25	4.17	0.98	1.44	3.09	2.56	2.23	0.64	0.38	0.05	19.07
1907.....	0.15	T	0.27	2.38	1.85	0.65	2.59	1.06	0.74	0.02	0.20	0.65	10.56
1908.....	0.14	0.45	0.02	0.03	1.32	1.03	1.55	1.44	0.05	2.36	0.84	0.14	9.37
1909.....	0.41	0.56	1.24	1.52	1.77	6.20	3.94	0.82	2.34	0.85	1.15	0.78	21.58
1910.....	0.16	0.18	0.50	1.25	1.12	0.13	2.31	2.25	0.98	T	0.11	0.27	9.36
1911.....	0.12	0.82	T	1.06	2.17	0.58	4.35	4.22	0.98	1.55	0.21	0.65	16.11
Average...	0.22	0.36	0.91	2.07	1.98	1.78	2.53	2.20	0.96	0.63	0.24	0.41	13.20
Maximum...	0.90	0.90	3.48	11.30	4.97	6.20	4.72	6.21	2.37	2.36	0.51	1.03	23.60
Minimum...	0.02	T	T	0.03	0.30	0.13	0.38	0.82	0.05	T	T	T	7.62

**TABLE XLV—MONTHLY PRECIPITATION AT LE ROY, LOGAN COUNTY, COLORADO.**  
Elevation 4,380 Feet.

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1889.....	...	...	...	4.40	2.09	3.38	0.36	2.56	0.83	0.37	0.60	0.10	.....
1890.....	0.30	0.48	0.01	2.80	1.03	1.96	0.47	1.41	T	0.98	0.48	0.01	9.93
1891.....	1.70	1.00	1.99	1.35	5.02	4.84	4.69	2.89	0.67	0.14	0.37	0.94	25.60
1892.....	0.89	2.24	0.80	4.02	2.53	1.48	3.07	1.83	0.84	1.66	0.10	0.65	20.11
1893.....	0.05	1.20	0.87	0.46	2.73	1.25	1.75	0.61	0.41	0.41	0.48	0.94	11.16
1894.....	0.35	0.46	0.95	0.98	0.17	0.75	1.16	0.47	1.06	0.08	0.26	0.65	7.34
1895.....	0.73	0.88	0.40	2.43	2.05	2.94	2.56	0.79	0.42	0.11	0.47	0.12	13.90
1896.....	0.53	0.24	1.20	1.91	2.36	3.77	1.33	0.87	0.86	0.90	0.20	0.01	14.18
1897.....	0.60	0.72	1.66	1.77	3.08	2.24	1.39	2.79	0.41	2.61	0.40	0.81	18.48
1898.....	0.38	0.26	0.67	1.07	4.60	1.31	2.83	1.13	1.27	0.54	0.65	0.27	14.95
1899.....	0.50	0.33	1.21	1.57	2.93	0.28	2.17	2.38	0.88	0.30	0.23	0.44	13.22
1900.....	0.10	0.96	0.12	7.27	2.10	0.78	1.68	0.99	0.35	0.07	0.12	0.20	14.74
1901.....	0.06	0.49	1.60	2.92	0.72	2.52	0.97	4.03	0.27	0.47	T	0.89	14.94
1902.....	0.12	0.72	1.23	1.28	3.16	1.32	0.98	3.70	3.46	0.78	0.09	0.99	18.33
1903.....	0.18	1.50	0.26	1.12	0.80	1.07	1.71	3.44	0.62	0.29	0.06	0.03	11.08
1904.....	0.10	0.26	0.35	1.99	3.97	4.39	3.46	1.17	2.96	1.55	0.04	0.05	20.29
1905.....	0.17	0.30	3.28	4.70	3.88	2.48	2.56	1.96	0.78	1.93	0.12	0.02	22.18
1906.....	0.23	0.43	1.38	4.53	1.96	1.35	1.88	2.83	2.70	2.69	1.29	0.53	21.80
1907.....	0.12	0.05	0.25	0.97	2.85	2.67	2.24	4.19	1.88	T	0.66	0.69	16.57
1908.....	0.08	0.23	0.18	1.68	4.34	3.52	5.72	3.65	0.16	3.76	1.86	0.05	25.23
1909.....	0.01	1.30	1.80	1.01	1.67	4.15	1.05	2.14	2.81	0.56	0.91	1.08	18.49
1910.....	0.04	0.04	0.62	1.96	2.34	2.06	1.53	1.95	1.72	0.13	0.13	0.36	12.88
1911.....	0.32	0.24	0.10	3.13	1.74	2.21	2.50	1.68	...	...	...	0.92	.....
Average...	0.34	0.65	0.95	2.41	2.53	2.31	2.09	2.15	1.15	0.94	0.43	0.47	16.42
Maximum...	1.70	2.24	3.28	7.27	5.02	4.84	5.72	4.19	3.46	3.76	1.86	1.08	25.60
Minimum...	0.01	0.04	0.01	0.46	0.17	0.28	0.36	0.47	T	T	T	0.01	7.34

TABLE XLVI—MONTHLY PRECIPITATION AT YUMA, YUMA COUNTY, COLORADO.

Elevation 4,128 Feet.

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1891.....	2.35	0.50	3.63	2.90	4.21	5.23	2.98	0.75	0.64	0.05	0.13	1.25	24.62
1892.....	0.80	1.55	0.80	3.20	3.46	1.20	4.44	1.05	0.35	1.00	T	0.62	18.92
1893.....	T	0.90	0.70	0.38	2.57	1.30	2.10	0.95	T	0.40	0.41	0.55	10.26
1894.....	0.50	0.90	1.10	0.68	0.04	1.85	0.80	0.70	2.85	0.00	0.22	0.70	10.34
1895.....	1.20	1.70	0.50	1.10	2.76	2.73	3.22	1.77	0.55	0.10	0.60	0.10	16.33
1896.....	0.60	0.20	1.25	1.82	2.06	3.98	2.59	1.04	1.02	0.78	0.30	0.20	15.84
1897.....	0.37	0.40	2.80	0.80	1.62	4.44	1.78	2.44	T	2.55	0.10	1.00	18.30
1898.....	0.30	0.20	0.31	1.55	5.80	2.70	1.86	3.62	1.00	1.50	1.45	1.10	20.39
1899.....	1.38	0.60	1.18	0.97	1.23	3.93	2.63	2.22	0.17	0.03	0.90	0.27	14.61
1900.....	0.14	1.55	0.61	8.67	1.39	0.72	1.81	2.22	0.16	0.03	0.17	0.51	17.98
1901.....	T	1.11	2.44	3.90	0.31	3.51	1.61	6.53	0.36	0.39	T	0.57	20.73
1902.....	0.07	0.56	0.95	0.67	3.76	1.91	2.70	3.33	1.68	0.78	0.20	0.73	17.34
1903.....	0.14	1.88	0.20	0.40	1.00	2.10	2.65	3.12	0.35	0.10	0.36	0.09	12.39
1904.....	T	0.70	0.25	3.37	4.26	4.98	1.65	1.28	2.92	1.07	T	0.27	20.75
1905.....	0.31	0.13	4.47	4.27	3.64	3.16	4.45	0.73	1.91	1.64	0.05	0.00	23.76
1906.....	0.38	0.51	2.36	4.45	2.01	1.98	2.44	1.23	1.19	2.92	1.17	0.12	20.76
1907.....	0.28	0.02	0.33	0.94	1.43	2.44	3.44	2.58	1.44	0.04	0.24	0.35	13.53
1908.....	0.02	0.08	0.02	1.16	2.21	3.96	5.64	3.51	0.15	5.00	2.02	T	23.77
1909.....	0.02	0.51	2.10	0.54	1.79	4.50	5.72	1.26	1.78	0.76	0.92	0.93	20.83
1910.....	T	0.04	0.45	1.16	2.38	....	....	....	....	0.23	0.02	....	....
1911.....	0.05	0.21	0.10	2.47	1.02	1.15	1.00	2.82	1.30	1.69	0.06	0.43	12.30
Average....	0.42	0.68	1.07	2.16	2.33	2.79	2.78	2.18	0.99	1.00	0.44	0.49	17.33
Maximum....	2.35	1.88	4.47	8.67	5.80	5.23	5.72	6.53	2.92	5.00	2.02	1.25	24.62
Minimum....	T	0.02	0.02	0.38	0.04	0.72	0.80	0.70	T	0.60	T	0.00	10.26

TABLE XLVII—MONTHLY PRECIPITATION AT GARNETT, COSTILLA COUNTY, COLORADO.

Elevation 7,700 Feet.

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1892.....	...	0.32	0.34	0.44	1.01	0.35	0.76	0.11	0.00	0.91	0.00	0.13	....
1893.....	T	0.63	0.06	T	0.41	T	0.62	1.80	0.94	0.00	T	0.00	4.46
1894.....	T	0.80	0.02	0.02	1.07	0.34	1.22	2.07	0.79	0.00	0.00	T	6.33
1895.....	T	0.22	0.03	0.03	2.49	0.65	3.21	1.98	T	1.10	0.10	T	9.82
1896.....	0.12	T	0.45	0.10	0.02	T	1.32	0.90	0.39	T	0.00	0.20	3.50
1897.....	0.26	0.23	0.26	0.10	1.14	0.24	0.90	0.86	0.86	1.08	0.00	0.32	6.25
1898.....	0.01	0.05	0.35	0.09	0.51	0.65	1.48	0.32	T	0.15	0.50	0.49	4.60
1899.....	T	0.06	0.02	0.00	0.07	0.18	2.32	0.93	1.91	0.82	0.38	0.26	6.96
1900.....	0.00	0.06	0.01	1.24	1.17	0.13	0.33	....	....	....	....	....	....
1901.....	....	....	....	....	....	....	....	....	....	....	....	....	....
1902.....	0.15	0.00	T	0.07	1.18	0.85	0.63	3.20	0.37	0.16	0.54	1.03	8.18
1903.....	0.01	0.28	0.23	0.59	T	2.15	0.62	0.48	0.58	0.19	T	0.05	5.18
1904.....	0.05	0.15	0.40	0.15	0.16	1.68	0.96	2.99	1.95	0.51	0.00	0.51	9.51
1905.....	0.40	0.35	0.90	0.46	0.34	0.33	1.03	1.44	0.96	T	0.87	0.00	7.08
1906.....	0.07	0.05	0.49	1.06	0.38	0.21	1.78	0.34	1.45	2.37	0.31	0.54	9.05
1907.....	0.17	T	0.00	0.79	1.57	0.45	1.23	1.98	0.31	0.63	0.35	0.14	7.62
1908.....	0.19	0.35	0.22	0.24	0.79	0.58	0.23	0.94	0.10	0.30	0.87	0.10	4.89
1909.....	0.41	0.01	0.55	0.46	0.75	0.61	0.95	1.47	1.62	1.60	0.69	0.32	9.44
1910.....	0.07	0.33	0.27	1.05	0.46	0.06	0.12	1.07	0.69	0.64	0.35	0.00	5.11
1911.....	0.03	0.50	0.04	0.46	1.00	0.55	2.39	0.88	1.56	1.12	0.37	0.18	9.08
Average....	0.11	0.23	0.24	0.39	0.76	0.53	1.16	1.32	0.80	0.64	0.30	0.24	6.72
Maximum....	0.41	0.80	0.90	1.24	2.49	2.15	3.21	3.20	1.95	2.37	0.87	1.03	....
Minimum....	0.00	0.00	0.00	0.00	T	T	0.12	0.11	0.00	0.00	0.00	0.00	....

TABLE XLVII—MONTHLY PRECIPITATION AT DURANGO, LA PLATA COUNTY, COLORADO.  
Elevation 6,530 Feet.

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1886	...	...	...	...	...	...	...	...	4.20	2.29	1.44	...	.....
1887	0.46	...	...	...	...	...	...	...	...	...	...	...	.....
1888	1.70	1.60	2.30	1.00	0.60	1.30	1.90	1.40	1.30	3.10	1.97	4.18	22.35
1889	1.90	0.46	1.80	2.30	0.00	0.40	0.30	...	...	...	...	...	.....
1894	...	...	...	...	...	...	...	...	...	0.78	0.00	3.45	.....
1895	2.10	1.38	T	T	0.99	0.37	1.78	2.81	0.92	...	2.22	1.20	.....
1896	0.50	0.55	0.53	0.55	0.05	...	1.30	1.76	3.59	3.61	1.08	0.86	.....
1897	2.61	3.70	2.72	0.45	3.22	0.40	1.38	0.93	3.55	3.89	0.09	1.99	24.93
1898	2.21	0.45	1.17	1.67	1.33	0.62	3.46	0.99	0.30	0.07	0.88	3.22	16.27
1899	1.63	0.97	0.91	0.00	0.01	1.58	1.91	2.85	0.60	2.22	0.93	0.88	14.49
1900	0.29	0.42	0.18	2.15	0.82	0.13	0.02	0.48	2.60	2.22	2.22	...	9.86
1901	0.44	0.80	0.04	0.55	2.05	0.35	0.95	2.05	0.33	1.24	T	0.10	8.90
1902	0.70	0.84	0.68	0.20	0.99	0.16	0.91	1.19	2.02	0.92	0.92	2.69	13.22
1903	0.35	1.24	3.90	2.60	1.25	2.02	2.82	1.87	2.15	0.13	0.00	0.04	18.37
1904	0.13	0.31	1.77	0.56	1.06	0.47	0.78	3.13	2.14	3.39	0.00	1.17	14.91
1905	2.96	4.38	3.31	3.93	1.28	1.21	1.41	1.23	2.76	0.12	3.26	0.45	26.03
1906	1.99	0.24	4.83	1.79	1.16	0.08	2.03	1.33	2.72	0.89	2.66	3.06	22.85
1907	2.15	1.22	1.73	2.42	1.94	1.08	1.40	3.62	0.99	0.99	1.08	2.04	20.66
1908	1.48	3.98	1.15	1.90	1.68	0.24	2.39	3.90	0.77	1.65	1.13	3.64	24.00
1909	2.59	2.97	1.27	0.79	0.62	0.27	2.20	3.54	3.63	0.44	1.81	3.81	23.94
1910	1.53	0.98	0.64	0.55	0.09	0.72	0.95	1.28	0.33	2.91	1.92	0.94	12.84
1911	3.48	7.02	3.14	1.50	0.59	1.09	5.21	2.89	2.82	5.07	0.94	0.54	34.29
Average	1.56	1.76	1.69	1.31	1.04	0.69	1.74	2.12	1.99	1.80	1.23	1.80	18.73
Maximum	3.48	7.02	4.83	3.93	3.22	2.02	5.21	3.99	4.20	5.07	3.26	4.18	.....
Minimum	0.13	0.24	T	0.00	0.00	0.08	0.02	0.48	0.30	0.07	0.00	T	.....

TABLE XLIX—MONTHLY PRECIPITATION AT GRAND JUNCTION, COLORADO.  
Elevation 4,608 Feet.

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1885	...	...	...	1.74	...	...	1.25	1.62	0.18	...	...	...	.....
1887	...	...	...	...	0.34	0.20	1.60	1.48	1.93	1.13	1.09	0.88	.....
1888	0.98	0.39	0.87	0.58	...	...	...	...	...	...	...	...	.....
1891	...	...	...	...	...	...	0.95	...	...	...	T	...	.....
1892	...	...	1.42	1.37	0.65	0.06	0.71	0.10	0.00	1.05	0.38	0.10	.....
1893	0.22	1.77	0.63	0.30	0.79	0.09	0.11	1.20	0.87	0.80	0.92	0.51	8.21
1894	0.08	0.47	0.97	0.15	0.56	0.07	0.57	0.64	0.62	0.97	0.16	0.78	6.04
1895	1.24	0.80	0.62	0.14	0.35	0.37	1.43	2.24	0.25	0.92	0.29	0.10	10.85
1896	0.37	0.05	0.27	0.18	0.51	0.01	0.43	1.01	3.78	0.79	0.49	0.33	8.22
1897	1.00	0.80	1.05	1.12	0.62	0.40	0.98	1.05	1.53	1.82	0.33	0.40	11.10
1898	0.55	T	1.05	0.92	1.40	0.05	T	0.57	0.10	0.25	0.25	0.31	5.45
1899	0.42	0.45	0.59	1.11	0.14	1.74	0.18	2.42	0.31	2.67	0.08	0.76	10.87
1900	0.14	0.14	0.13	1.26	0.06	0.04	0.09	0.19	1.18	0.14	0.27	T	3.64
1901	0.45	0.25	0.98	1.65	1.29	0.50	0.13	2.36	T	0.35	0.02	0.21	8.19
1902	0.37	0.44	0.45	0.13	0.37	0.04	0.81	0.77	0.85	0.43	1.10	0.50	6.26
1903	0.15	1.05	0.73	0.78	1.21	1.22	0.67	0.62	0.69	0.07	0.01	0.02	6.62
1904	0.33	0.71	0.64	0.26	1.39	0.25	0.54	1.00	0.65	0.49	0.00	0.37	6.63
1905	1.01	1.37	1.18	1.24	1.98	0.04	0.16	0.33	1.71	0.27	0.75	0.23	10.27
1906	0.40	0.40	1.45	1.78	2.74	0.04	0.34	0.56	1.43	0.50	1.23	0.74	11.61
1907	0.44	1.06	1.14	0.34	1.21	0.60	0.62	1.62	0.45	1.48	0.10	0.35	9.41
1908	0.43	0.71	0.14	0.48	0.56	0.62	0.87	0.86	0.65	3.43	0.27	1.21	10.33
1909	0.66	0.34	0.02	1.14	0.45	0.10	0.50	0.86	1.13	0.04	1.05	0.67	6.96
1910	0.38	0.14	0.11	0.32	0.26	0.25	0.96	0.60	0.92	1.26	1.30	1.11	7.61
1911	0.48	1.29	0.54	0.62	0.03	0.64	0.84	0.35	1.30	1.53	0.60	0.20	8.42
Average	0.50	0.63	0.71	0.80	0.81	0.35	0.64	0.99	0.93	0.97	0.58	0.47	8.38
Maximum	1.24	1.77	1.45	1.78	2.74	1.74	1.60	2.42	3.78	3.43	2.39	1.21	.....
Minimum	0.08	T	0.02	0.13	0.06	0.01	T	0.02	0.00	0.04	0.00	T	.....

THE  
STATE TEACHERS  
COLLEGE OF COLORADO  
Greeley, Colo.

**TABLE I—MONTHLY PRECIPITATION AT MEEKER, RIO BLANCA COUNTY, COLORADO.**  
Elevation 6,182 Feet.

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1891.....	0.55	1.21	1.73	1.22	1.90	0.20	2.27	1.66	2.04	0.11	1.23	2.10	16.22
1892.....	3.08	1.30	..	..	..	..	0.00	0.44	T	1.22	1.97	1.30	.....
1893.....	0.30	1.30	4.25	0.45	0.30	..	..	..	..	..	..	..	.....
1894.....	1.86	1.45	0.69	1.99	0.39	0.86	..	0.04	2.35	1.97	0.14	1.34	.....
1895.....	1.66	1.07	1.22	0.98	1.79	1.50	2.13	1.88	0.72	1.48	1.56	0.75	16.74
1896.....	1.24	1.37	1.83	0.39	0.54	0.16	3.56	1.35	3.66	0.28	1.43	0.47	16.28
1897.....	1.38	2.33	3.11	2.19	1.84	1.17	3.71	2.04	2.33	1.19	1.02	2.19	24.30
1898.....	0.67	0.34	0.73	0.79	2.15	0.40	1.85	2.14	0.03	2.15	1.57	0.52	15.34
1899.....	0.90	1.94	2.50	1.45	0.24	3.26	1.10	2.13	0.35	4.60	0.12	1.46	20.05
1900.....	0.54	1.03	0.26	2.14	0.69	0.49	0.45	0.91	1.50	..	..	..	.....
1901.....	0.31	0.75	2.09	1.86	2.52	1.44	0.56	2.05	0.28	0.53	0.28	1.92	15.09
1902.....	0.50	0.78	1.20	0.69	0.65	0.60	1.47	0.32	1.43	0.99	1.10	1.15	10.88
1903.....	0.77	1.77	0.80	2.46	1.66	0.68	1.40	1.11	4.42	0.92	0.47	0.41	16.87
1904.....	0.90	0.86	1.81	0.75	1.88	2.23	0.43	1.56	1.21	0.77	T	0.58	12.98
1905.....	0.93	1.55	2.58	2.04	1.78	0.08	0.77	1.01	2.47	0.46	0.73	0.56	14.96
1906.....	0.81	0.66	2.86	4.12	2.43	0.34	0.97	1.17	2.98	1.35	1.74	0.92	20.35
1907.....	1.21	0.60	0.98	0.99	2.55	1.04	2.41	2.57	3.12	0.60	0.22	1.64	17.93
1908.....	0.59	0.56	0.82	1.01	1.69	1.07	1.90	1.55	1.33	3.02	0.78	1.98	16.30
1909.....	0.66	1.03	0.79	2.62	0.97	0.90	0.59	2.91	1.95	0.61	2.53	1.04	16.60
1910.....	0.90	0.78	0.24	1.08	1.36	0.60	1.00	1.89	1.95	1.98	1.34	1.24	14.36
1911.....	1.45	1.36	0.91	0.97	0.25	1.38	0.97	1.67	1.74	2.14	1.38	0.89	15.11
Average...	1.03	1.14	1.57	1.51	1.37	0.97	1.45	1.52	1.79	1.39	1.03	1.18	15.95
Maximum..	3.08	2.33	4.25	4.12	2.55	3.26	3.71	2.91	4.42	4.60	2.53	2.19	.....
Minimum..	0.30	0.34	0.24	0.39	0.24	0.08	0.43	0.04	T	0.11	T	0.41	.....

**TABLE II—MONTHLY PRECIPITATION AT WRAY, YUMA COUNTY, COLORADO.**  
Elevation 3,512 Feet.

Date.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
1890.....	..	..	T	T	4.44	1.42	0.62	0.25	1.09	0.45	0.25	T	.....
1891.....	1.80	0.50	1.90	4.68	2.02	4.55	2.52	0.45	1.24	0.00	0.20	0.83	20.69
1892.....	..	..	..	0.03	2.12	1.00	..	..	..	..	..	..	.....
1893.....	..	..	..	..	..	..	..	..	..	T	0.12	0.32	.....
1894.....	0.47	0.02	0.66	4.83	1.64	3.77	1.13	1.47	1.01	1.37	0.06	0.20	16.63
1897.....	0.28	0.26	1.79	1.64	3.34	4.79	1.79	2.27	0.73	2.92	0.07	0.31	20.19
1898.....	0.06	0.07	0.83	1.73	5.47	2.98	1.88	2.56	2.33	0.25	0.26	0.29	18.71
1899.....	0.63	0.07	0.50	0.62	1.96	1.83	2.18	1.38	0.08	T	1.16	0.33	10.74
1900.....	0.16	0.90	0.33	6.00	0.61	2.37	4.57	2.60	0.15	0.03	0.20	0.34	18.24
1901.....	T	1.37	2.51	4.02	0.28	3.46	2.05	5.36	2.11	0.43	T	0.91	22.44
1902.....	0.20	0.74	1.05	0.74	7.00	5.69	3.33	2.71	3.73	1.05	0.16	0.59	26.99
1903.....	0.25	1.98	0.16	0.54	1.95	1.55	5.16	1.48	0.69	0.34	0.25	T	14.35
1904.....	T	0.58	0.04	2.46	2.02	6.25	2.00	1.26	1.74	1.19	0.05	0.20	17.79
1905.....	0.04	0.05	3.10	5.12	2.59	3.19	2.98	0.93	2.19	1.64	0.60	T	22.43
1906.....	0.55	0.62	1.88	4.82	3.20	2.57	1.62	3.57	1.71	1.43	0.83	0.29	23.09
1907.....	0.12	0.02	0.24	0.94	2.17	1.53	3.39	3.80	1.27	0.03	0.14	0.58	14.23
1908.....	0.13	0.52	0.06	0.30	3.37	3.52	3.39	2.14	0.28	4.53	1.89	T	20.03
1909.....	0.07	0.60	2.34	0.53	1.06	6.40	1.75	0.30	0.95	1.11	1.92	0.63	17.66
1910.....	0.15	0.22	0.38	1.21	3.32	0.96	1.17	3.51	1.73	0.05	T	1.11	12.71
1911.....	0.29	0.77	0.03	4.65	2.50	1.16	0.63	0.87	0.91	2.10	0.23	1.04	15.18
Average...	0.31	0.55	0.99	2.36	2.68	3.10	2.34	2.05	1.33	1.00	0.44	0.37	17.52
Maximum..	1.80	1.98	3.10	6.00	7.00	6.40	5.16	5.36	3.73	4.53	1.92	1.04	26.99
Minimum..	T	0.02	T	T	0.28	0.96	0.62	0.25	0.03	T	T	T	10.74